

APPENDIX D LABORATORY ANALYTICAL REPORTS

APPENDIX D-1 SEDIMENTS LARS

24 November 2020

Denise King
Wood - MA
271 Mill Road
Chelmsford, MA 01824
RE: Penobscot

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Patrick Garcia-Strickland". The signature is written in a cursive, flowing style.

Patrick Garcia-Strickland
Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ES-02_091620_SED_00-01	0I00073-01	Soil/Sediment	16-Sep-20 10:18	23-Sep-20 08:30
ES-02_091620_SED_01-03	0I00073-02	Soil/Sediment	16-Sep-20 10:19	23-Sep-20 08:30
ES-02_091620_SED_03-05	0I00073-03	Soil/Sediment	16-Sep-20 10:20	23-Sep-20 08:30
FRB-02_091520_SED_00-01	0I00073-04	Soil/Sediment	15-Sep-20 16:00	23-Sep-20 08:30
FRB-02_091520_SED_01-03	0I00073-05	Soil/Sediment	15-Sep-20 16:05	23-Sep-20 08:30
FRB-02_091520_SED_03-05	0I00073-06	Soil/Sediment	15-Sep-20 16:10	23-Sep-20 08:30
VN-02-04_091620_SED_03-05	0I00073-07	Soil/Sediment	16-Sep-20 09:42	23-Sep-20 08:30
VN-MU3-GC-1_091620_SED_00-01	0I00073-08	Soil/Sediment	16-Sep-20 09:58	23-Sep-20 08:30
VN-MU3-GC-1_091620_SED_01-03	0I00073-09	Soil/Sediment	16-Sep-20 09:59	23-Sep-20 08:30
VN-MU3-GC-1_091620_SED_03-05	0I00073-10	Soil/Sediment	16-Sep-20 10:00	23-Sep-20 08:30
ADD-01_091620_SED_00-01	0I00073-11	Soil/Sediment	16-Sep-20 11:45	23-Sep-20 08:30
ADD-01_091620_SED_01-03	0I00073-12	Soil/Sediment	16-Sep-20 11:50	23-Sep-20 08:30
ADD-01_091620_SED_03-05	0I00073-13	Soil/Sediment	16-Sep-20 12:00	23-Sep-20 08:30
ADD-02_091620_SED_00-01	0I00073-14	Soil/Sediment	16-Sep-20 14:05	23-Sep-20 08:30
ADD-02_091620_SED_01-03	0I00073-15	Soil/Sediment	16-Sep-20 14:20	23-Sep-20 08:30
ADD-02_091620_SED_03-05	0I00073-16	Soil/Sediment	16-Sep-20 14:30	23-Sep-20 08:30
OR-T1-C3_091620_SED_00-01	0I00073-17	Soil/Sediment	16-Sep-20 10:56	23-Sep-20 08:30
OR-T1-C3_091620_SED_01-03	0I00073-18	Soil/Sediment	16-Sep-20 10:57	23-Sep-20 08:30
OR-T1-C3_091620_SED_03-05	0I00073-19	Soil/Sediment	16-Sep-20 10:58	23-Sep-20 08:30
OR-T1-C5_091620_SED_00-01	0I00073-20	Soil/Sediment	16-Sep-20 10:43	23-Sep-20 08:30
OR-T1-C5_091620_SED_01-03	0I00073-21	Soil/Sediment	16-Sep-20 10:44	23-Sep-20 08:30
OR-T1-C5_091620_SED_03-05	0I00073-22	Soil/Sediment	16-Sep-20 10:45	23-Sep-20 08:30
BU-01-01_091720_SED_00-01	0I00073-23	Soil/Sediment	17-Sep-20 15:21	23-Sep-20 08:30
BU-01-01_091720_SED_00-01_DUP	0I00073-24	Soil/Sediment	17-Sep-20 15:54	23-Sep-20 08:30
BU-01-01_091720_SED_01-03	0I00073-25	Soil/Sediment	17-Sep-20 15:23	23-Sep-20 08:30
BU-01-01_091720_SED_01-03_DUP	0I00073-26	Soil/Sediment	17-Sep-20 15:56	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BU-01-01_091720_SED_03-05	0I00073-27	Soil/Sediment	17-Sep-20 15:25	23-Sep-20 08:30
BU-01-01_091720_SED_03-05_DUP	0I00073-28	Soil/Sediment	17-Sep-20 15:58	23-Sep-20 08:30
MMSW-C_091720_SED_00-01	0I00073-29	Soil/Sediment	17-Sep-20 10:30	23-Sep-20 08:30
MMSW-C_091720_SED_01-03	0I00073-30	Soil/Sediment	17-Sep-20 10:40	23-Sep-20 08:30
MMSW-C_091720_SED_03-05	0I00073-31	Soil/Sediment	17-Sep-20 10:50	23-Sep-20 08:30
OV-04_091620_SED_00-01	0I00073-32	Soil/Sediment	16-Sep-20 16:45	23-Sep-20 08:30
OV-04_091620_SED_01-03	0I00073-33	Soil/Sediment	16-Sep-20 17:00	23-Sep-20 08:30
OV-04_091620_SED_03-05	0I00073-34	Soil/Sediment	16-Sep-20 17:15	23-Sep-20 08:30
OB-01_091720_SED_00-01	0I00073-35	Soil/Sediment	17-Sep-20 16:25	23-Sep-20 08:30
OB-01_091720_SED_01-03	0I00073-36	Soil/Sediment	17-Sep-20 16:27	23-Sep-20 08:30
OB-01_091720_SED_03-05	0I00073-37	Soil/Sediment	17-Sep-20 16:29	23-Sep-20 08:30
OR-T1-C1_091720_SED_00-01	0I00073-38	Soil/Sediment	17-Sep-20 17:00	23-Sep-20 08:30
OR-T1-C1_091720_SED_00-01_DUP	0I00073-39	Soil/Sediment	17-Sep-20 17:40	23-Sep-20 08:30
OR-T1-C1_091720_SED_01-03	0I00073-40	Soil/Sediment	17-Sep-20 17:15	23-Sep-20 08:30
OR-T1-C1_091720_SED_01-03_DUP	0I00073-41	Soil/Sediment	17-Sep-20 17:45	23-Sep-20 08:30
OR-T1-C1_091720_SED_03-05	0I00073-42	Soil/Sediment	17-Sep-20 17:30	23-Sep-20 08:30
PBR-28_091720_SED_00-01	0I00073-43	Soil/Sediment	17-Sep-20 17:45	23-Sep-20 08:30
W-17-N_091720_SED_00-01	0I00073-44	Soil/Sediment	17-Sep-20 16:56	23-Sep-20 08:30
W-17-N_091720_SED_01-03	0I00073-45	Soil/Sediment	17-Sep-20 16:58	23-Sep-20 08:30
W-17-N_091720_SED_03-05	0I00073-46	Soil/Sediment	17-Sep-20 17:00	23-Sep-20 08:30
OR-T1-C1_091720_SED_03-05_DUP	0I00073-47	Soil/Sediment	17-Sep-20 17:50	23-Sep-20 08:30
OV-01_091820_SED_00-01	0I00073-48	Soil/Sediment	18-Sep-20 10:15	23-Sep-20 08:30
OV-01_091820_SED_01-03	0I00073-49	Soil/Sediment	18-Sep-20 10:20	23-Sep-20 08:30
OV-01_091820_SED_03-05	0I00073-50	Soil/Sediment	18-Sep-20 10:25	23-Sep-20 08:30
PBR-28_091720_SED_00-01_DUP	0I00073-51	Soil/Sediment	17-Sep-20 18:25	23-Sep-20 08:30
PBR-28_091720_SED_01-03	0I00073-52	Soil/Sediment	17-Sep-20 18:00	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PBR-28_091720_SED_01-03_DUP	0I00073-53	Soil/Sediment	17-Sep-20 18:35	23-Sep-20 08:30
PBR-28_091720_SED_03-05	0I00073-54	Soil/Sediment	17-Sep-20 18:15	23-Sep-20 08:30
PBR-28_091720_SED_03-05_DUP	0I00073-55	Soil/Sediment	17-Sep-20 18:45	23-Sep-20 08:30
W-22-Mid_091820_SED_00-01	0I00073-56	Soil/Sediment	18-Sep-20 10:00	23-Sep-20 08:30
W-22-Mid_091820_SED_01-03	0I00073-57	Soil/Sediment	18-Sep-20 10:10	23-Sep-20 08:30
W-22-Mid_091820_SED_03-05	0I00073-58	Soil/Sediment	18-Sep-20 10:20	23-Sep-20 08:30
MM-T2-C1_091820_SED_00-01	0I00073-59	Soil/Sediment	18-Sep-20 12:35	23-Sep-20 08:30
MM-T2-C1_091820_SED_01-03	0I00073-60	Soil/Sediment	18-Sep-20 12:45	23-Sep-20 08:30
MM-T2-C1_091820_SED_03-05	0I00073-61	Soil/Sediment	18-Sep-20 12:55	23-Sep-20 08:30
MM-T5-C1_091820_SED_00-01	0I00073-63	Soil/Sediment	18-Sep-20 13:10	23-Sep-20 08:30
MM-T5-C1_091820_SED_01-03	0I00073-64	Soil/Sediment	18-Sep-20 13:20	23-Sep-20 08:30
MM-T5-C1_091820_SED_03-05	0I00073-65	Soil/Sediment	18-Sep-20 13:30	23-Sep-20 08:30
OB-05_091820_SED_00-01	0I00073-66	Soil/Sediment	18-Sep-20 15:40	23-Sep-20 08:30
OB-05_091820_SED_01-03	0I00073-67	Soil/Sediment	18-Sep-20 15:42	23-Sep-20 08:30
OB-05_091820_SED_03-05	0I00073-68	Soil/Sediment	18-Sep-20 15:44	23-Sep-20 08:30
W-17-Intertidal_091820_SED_00-01	0I00073-69	Soil/Sediment	18-Sep-20 16:06	23-Sep-20 08:30
W-17-Intertidal_091820_SED_01-03	0I00073-70	Soil/Sediment	18-Sep-20 16:08	23-Sep-20 08:30
W-17-Intertidal_091820_SED_03-05	0I00073-71	Soil/Sediment	18-Sep-20 16:10	23-Sep-20 08:30
FF-08-02_091820-SED-00-01	0I00073-72	Soil/Sediment	18-Sep-20 16:24	23-Sep-20 08:30
FF-08-02_091820-SED-00-01_DUP	0I00073-73	Soil/Sediment	18-Sep-20 17:06	23-Sep-20 08:30
FF-08-02_091820-SED-01-03	0I00073-74	Soil/Sediment	18-Sep-20 16:26	23-Sep-20 08:30
FF-08-02_091820-SED-01-03_DUP	0I00073-75	Soil/Sediment	18-Sep-20 17:08	23-Sep-20 08:30
FF-08-02_091820-SED-03-05	0I00073-76	Soil/Sediment	18-Sep-20 16:28	23-Sep-20 08:30
FF-08-02_091820-SED-03-05_DUP	0I00073-77	Soil/Sediment	18-Sep-20 17:10	23-Sep-20 08:30
W-17-Low_091820_SED_00-01	0I00073-78	Soil/Sediment	18-Sep-20 17:33	23-Sep-20 08:30
W-17-Low_091820_SED_01-03	0I00073-79	Soil/Sediment	18-Sep-20 17:35	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-17-Low_091820_SED_03-05	0I00073-80	Soil/Sediment	18-Sep-20 17:37	23-Sep-20 08:30
W-61-Intertidal_091820_SED_00-01	0I00073-81	Soil/Sediment	18-Sep-20 18:20	23-Sep-20 08:30
W-61-Intertidal_091820_SED_01-03	0I00073-82	Soil/Sediment	18-Sep-20 18:22	23-Sep-20 08:30
W-61-Intertidal_091820_SED_03-05	0I00073-83	Soil/Sediment	18-Sep-20 18:24	23-Sep-20 08:30
E-01-01_091920_SED_00-01	0I00073-84	Soil/Sediment	19-Sep-20 13:40	23-Sep-20 08:30
E-01-01_091920_SED_00-01_DUP	0I00073-85	Soil/Sediment	19-Sep-20 14:45	23-Sep-20 08:30
E-01-01_091920_SED_01-03	0I00073-86	Soil/Sediment	19-Sep-20 13:43	23-Sep-20 08:30
E-01-01_091920_SED_01-03_DUP	0I00073-87	Soil/Sediment	19-Sep-20 14:47	23-Sep-20 08:30
E-01-01_091920_SED_03-05	0I00073-88	Soil/Sediment	19-Sep-20 13:45	23-Sep-20 08:30
E-01-01_091920_SED_03-05_DUP	0I00073-89	Soil/Sediment	19-Sep-20 14:49	23-Sep-20 08:30
E-01-03_091920-SED-00-01	0I00073-90	Soil/Sediment	19-Sep-20 15:15	23-Sep-20 08:30
E-01-03_091920-SED-01-03	0I00073-91	Soil/Sediment	19-Sep-20 15:17	23-Sep-20 08:30
E-01-03_091920-SED-03-05	0I00073-92	Soil/Sediment	19-Sep-20 15:19	23-Sep-20 08:30
SVE-01_091820_SED_00-01	0I00073-93	Soil/Sediment	18-Sep-20 18:42	23-Sep-20 08:30
SVE-01_091820_SED_01-03	0I00073-94	Soil/Sediment	18-Sep-20 18:44	23-Sep-20 08:30
SVE-01_091820_SED_03-05	0I00073-95	Soil/Sediment	18-Sep-20 18:46	23-Sep-20 08:30
CJ-04_092020_SED_00-01	0I00073-96	Soil/Sediment	20-Sep-20 12:35	23-Sep-20 08:30
CJ-04_092020_SED_01-03	0I00073-97	Soil/Sediment	20-Sep-20 12:37	23-Sep-20 08:30
E-01-04_091920_SED_00-01	0I00073-98	Soil/Sediment	19-Sep-20 15:50	23-Sep-20 08:30
E-01-04_091920_SED_01-03	0I00073-99	Soil/Sediment	19-Sep-20 15:52	23-Sep-20 08:30
E-01-04_091920_SED_03-05	0I00073-AA	Soil/Sediment	19-Sep-20 15:54	23-Sep-20 08:30
ES-FP_091920_SED_00-01	0I00073-AB	Soil/Sediment	19-Sep-20 16:30	23-Sep-20 08:30
ES-FP_091920_SED_01-03	0I00073-AC	Soil/Sediment	19-Sep-20 16:32	23-Sep-20 08:30
ES-FP_091920_SED_030-036	0I00073-AD	Soil/Sediment	19-Sep-20 16:34	23-Sep-20 08:30
L9-45_092020_SED_00-01	0I00073-AE	Soil/Sediment	20-Sep-20 12:02	23-Sep-20 08:30
L9-45_092020_SED_01-03	0I00073-AF	Soil/Sediment	20-Sep-20 12:04	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L9-45_092020_SED_03-05	0I00073-AG	Soil/Sediment	20-Sep-20 12:06	23-Sep-20 08:30
OL-01_091920_SED_00-03	0I00073-AH	Soil/Sediment	20-Sep-20 16:54	23-Sep-20 08:30
BO-04_092120_SED_00-02	0I00073-AI	Soil/Sediment	21-Sep-20 11:00	23-Sep-20 08:30
CJ-04_092020_SED_03-05	0I00073-AJ	Soil/Sediment	20-Sep-20 12:39	23-Sep-20 08:30
MM-T2-C3_092120_SED_00-01	0I00073-AK	Soil/Sediment	21-Sep-20 11:50	23-Sep-20 08:30
W-61-High_0902020_SED_00-01	0I00073-AL	Soil/Sediment	20-Sep-20 18:15	23-Sep-20 08:30
W-61-High_0902020_SED_01-03	0I00073-AM	Soil/Sediment	20-Sep-20 18:17	23-Sep-20 08:30
W-61-High_0902020_SED_03-05	0I00073-AN	Soil/Sediment	20-Sep-20 18:19	23-Sep-20 08:30
W-61-Low_092020_SED_00-01	0I00073-AO	Soil/Sediment	20-Sep-20 16:55	23-Sep-20 08:30
W-61-Low_092020_SED_01-03	0I00073-AP	Soil/Sediment	20-Sep-20 16:57	23-Sep-20 08:30
W-61-Low_092020_SED_03-05	0I00073-AQ	Soil/Sediment	20-Sep-20 16:59	23-Sep-20 08:30
W-61-Mid_092020_SED_00-01	0I00073-AR	Soil/Sediment	20-Sep-20 17:43	23-Sep-20 08:30
W-61-Mid_092020_SED_01-03	0I00073-AS	Soil/Sediment	20-Sep-20 17:36	23-Sep-20 08:30
W-61-Mid_092020_SED_03-05	0I00073-AT	Soil/Sediment	20-Sep-20 17:38	23-Sep-20 08:30
FRB-01_092120_SED_00-01	0I00073-AU	Soil/Sediment	21-Sep-20 14:52	23-Sep-20 08:30
FRB-01_092120_SED_01-03	0I00073-AV	Soil/Sediment	21-Sep-20 14:54	23-Sep-20 08:30
FRB-01_092120_SED_03-05	0I00073-AW	Soil/Sediment	21-Sep-20 14:56	23-Sep-20 08:30
MM-T2-C3_092120_SED_01-03	0I00073-AX	Soil/Sediment	21-Sep-20 12:00	23-Sep-20 08:30
MM-T2-C3_092120_SED_03-05	0I00073-AY	Soil/Sediment	21-Sep-20 12:10	23-Sep-20 08:30
MM-T5-C3_092120_SED_00-01	0I00073-AZ	Soil/Sediment	21-Sep-20 13:10	23-Sep-20 08:30
MM-T5-C3_092120_SED_01-03	0I00073-BA	Soil/Sediment	21-Sep-20 13:20	23-Sep-20 08:30
MM-T5-C3_092120_SED_03-05	0I00073-BB	Soil/Sediment	21-Sep-20 13:30	23-Sep-20 08:30
W-17-High_092120_SED_00-01	0I00073-BC	Soil/Sediment	21-Sep-20 14:35	23-Sep-20 08:30
W-17-High_092120_SED_01-03	0I00073-BD	Soil/Sediment	21-Sep-20 14:45	23-Sep-20 08:30
W-17-High_092120_SED_03-05	0I00073-BE	Soil/Sediment	21-Sep-20 14:55	23-Sep-20 08:30
W-17-Mid_092120_SED_00-01	0I00073-BF	Soil/Sediment	21-Sep-20 15:10	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MM-T1-C2_092120_SED_00-01	0I00073-BG	Soil/Sediment	21-Sep-20 16:40	23-Sep-20 08:30
MM-T1-C2_092120_SED_01-03	0I00073-BH	Soil/Sediment	21-Sep-20 16:50	23-Sep-20 08:30
MM-T1-C2_092120_SED_03-05	0I00073-BI	Soil/Sediment	21-Sep-20 17:00	23-Sep-20 08:30
W-17-Mid_092120_SED_01-03	0I00073-BJ	Soil/Sediment	21-Sep-20 15:20	23-Sep-20 08:30
W-17-Mid_092120_SED_03-05	0I00073-BK	Soil/Sediment	21-Sep-20 15:30	23-Sep-20 08:30
VN-02-04_091620_SED_00-01	0I00073-BL	Soil/Sediment	16-Sep-20 09:40	23-Sep-20 08:30
VN-02-04_091620_SED_01-03	0I00073-BM	Soil/Sediment	16-Sep-20 09:41	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 23-Sep-20 08:30. The samples were received intact, on-ice within a sealed cooler at

Cooler	Temp C°
Cooler 1	-26.2
Cooler 2	-42.4
Cooler 3	-46.4
Cooler 4	0.1
Cooler 5	-35.2
Cooler 6	-50.4

SAMPLE PREPARATION AND ANALYSIS

Total solids analysis was performed in accordance with method SM2540B. Total solids are prepared at the same time as the preparation for the analyte(s) of interest in order to provide the most accurate dry mass correction which may be outside of the method recommended holding time of 7 days from sample collection.

Total mercury preparation and analysis was performed by flow injection atomic fluorescence spectrometry (FI-AFS) in accordance with EPA 7474/1631B.

Samples were prepared and analyzed for methyl mercury by cold vapor gas chromatography atomic fluorescence spectrometry (CV-GC-AFS) in accordance with EPA 1630 (EFGS SOP2808).

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.



Sample Receipt Checklist

Client: Wood Date & Time Received: E110 9/23/20 Date Labeled: 9/23/20 Labeled By: MS
 Project: Soil/Sediment Received By: IR Label Verified By: IR
 # of Coolers Received: 6 Samples Arrived By: Shipping Service Courier Hand Other (Specify: _____)
 Coolant: None/Ambient Loose Ice Gel Ice Dry Ice Coolant Required: Y / N Temp Blank Used: Y / N for Cooler(s): _____

Notify Project Manager if packages/coolers are received without coolant or with thawed coolant and at a temperature in excess of 6°C. PM notified: Y / N

Cooler Information:	Y/N/NA	Comments
The coolers do not appear to be tampered with:	Y	
Custody Seals are present and intact:	Y	
Custody seals signed:	Y	

TID:	CF:	°C	Date/time:	By:
Cooler 1:	°C	w/ CF:	°C	Cooler 4: °C w/ CF: °C
Cooler 2:	°C	w/ CF:	°C	Cooler 5: °C w/ CF: °C
Cooler 3:	°C	w/ CF:	°C	Cooler 6: °C w/ CF: °C

Chain of Custody:	Y/N/NA	Comments
Sample ID/Description:	Y	
Date and time of collection:	Y	
Sampled by:	N	
Preservation type:	N/A	
Requested analyses:	Y	
Required signatures:	Y	
Internal COC required:	N/A	

Sample Condition/Integrity:	Y/N/NA	Comments
Sample containers intact/present:	Y	
Sample labels are present and legible:	Y	
Sample ID on container/bag matches COC:	Y	
Correct sample containers used:	Y	
Samples received within holding times:	Y	
Sample volume sufficient for requested analyses:	Y	
Correct preservative used for requested analyses:	N/A	

Anomalies/Non-conformances (attach additional pages if needed):

Cooler # 1	-26°C	CF	-0.2 (-26.2)	5141122	Dry Ice
Cooler # 2	-42°C	CF	-0.4 (-42.4)	80187819	Dry Ice
Cooler # 3	-46°C	CR	-0.4 (-46.4)	80187819	Dry Ice
Cooler # 4	-0.40°C	CR	16.5 (0.1)	131139780	Loose Ice
Cooler # 5	-35°C	CF	-0.2 (-35.2)	51431122	Dry Ice
Cooler # 6	-50°C	CF	-0.4 (-50.4)	80187819	Dry Ice

0100073





Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 1 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03 ****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH	
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	HOLD All Analyses
1	ES-02_091620_SED_00-01	09/16/20 10:18	SED	N	N	X	X			X	1
2	ES-02_091620_SED_01-03	09/16/20 10:19	SED	N	N	X	X			X	1
3	ES-02_091620_SED_03-05	09/16/20 10:20	SED	N	N	X				X	1
4	FRB-02_091520_SED_00-01	09/15/20 16:00	SED	N	N	X	X			X	1
5	FRB-02_091520_SED_01-03	09/15/20 16:05	SED	N	N	X	X			X	1
6	FRB-02_091520_SED_03-05	09/15/20 16:10	SED	N	N	X				X	1
7	VN-02-04_091620_SED_00-01	09/16/20 09:40	SED	N	N	X	X			X	1
8	VN-02-04_091620_SED_01-03	09/16/20 09:41	SED	N	N	X	X			X	1
9	VN-02-04_091620_SED_03-05	09/16/20 09:42	SED	N	N	X				X	1
10	VN-MU3-GC-1_091620_SED_00-01	09/16/20 09:58	SED	N	N	X	X			X	1
11	VN-MU3-GC-1_091620_SED_01-03	09/16/20 09:59	SED	N	N	X	X			X	1
12	VN-MU3-GC-1_091620_SED_03-05	09/16/20 10:00	SED	N	N	X				X	1

Sampler's Signature: <i>Caroline Galtrey</i>	Date: 9/22/20 Time: 15:45	For Lab Use		Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Galtrey Wood EIS</i>	Date: 9/22/20 Time: 17:00	Does COC match samples:	Y or N	
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00	Broken Container:	Y or N	
Relinquished By/Affiliation:	Date: Time:	COC seal intact:	Y or N	
Received By:	Date: Time:	Other problems:	Y or N	
Relinquished By/Affiliation:	Date: Time:	WSDOT contacted:	Y or N	
Received By (LAB):	Date: Time:	Date contacted:	_____	
		Cooler Temperature at receipt:	_____ °C	



Wood E&S
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020

COC #: _____

PAGE: 2 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&S	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH			
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630	STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	ADD-01_091620_SED_00-01	09/16/20 11:45	SED	N	N	X	X	X				1	
2	ADD-01_091620_SED_01-03	09/16/20 11:50	SED	N	N	X	X	X				1	
3	ADD-01_091620_SED_03-05	09/16/20 12:00	SED	N	N	X		X				1	
4	ADD-02_091620_SED_00-01	09/16/20 14:05	SED	N	N	X	X	X				1	
5	ADD-02_091620_SED_01-03	09/16/20 14:20	SED	N	N	X	X	X				1	
6	ADD-02_091620_SED_03-05	09/16/20 14:30	SED	N	N	X		X				1	
7	OR-T1-C3_091620_SED_00-01	09/16/20 10:56	SED	N	N	X	X	X				1	
8	OR-T1-C3_091620_SED_01-03	09/16/20 10:57	SED	N	Y	X	X	X				1	
9	OR-T1-C3_091620_SED_03-05	09/16/20 10:58	SED	N	Y	X		X				1	
10	OR-T1-C5_091620_SED_00-01	09/16/20 10:43	SED	N	N	X	X	X				1	
11	OR-T1-C5_091620_SED_01-03	09/16/20 10:44	SED	N	N	X	X	X				1	
12	OR-T1-C5_091620_SED_03-05	09/16/20 10:45	SED	N	N	X		X				1	

Extra volume for ms/msd
Extra volume for ms/msd

Sampler's Signature: <i>Calvin Bradley</i>	Date: 9/22/20	Time: 15:45	For Lab Use Does COC match samples: Y or N Broken Container: Y or N COC seal intact: Y or N Other problems: Y or N WSDOT contacted: Y or N Date contacted: _____ Cooler Temperature at receipt: _____ °C	Comments: X=Analyze H=Hold Analysis Request <u>PO # C012906205</u> TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Galtrey Wood EIS</i>	Date: 9/22/20	Time: 17:00		
Received By: <i>Fed Ex</i>	Date: 9/22/20	Time: 17:00		
Relinquished By/Affiliation:	Date:	Time:		
Received By:	Date:	Time:		
Relinquished By/Affiliation:	Date:	Time:		
Received By (LAB):	Date:	Time:		



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020

COC #: _____

PAGE: 3 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH			
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630	STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	BU-01-01_091720_SED_00-01	09/17/20 15:21	SED	N	N	X	X	X				1	
2	BU-01-01_091720_SED_00-01_DUP	09/17/20 15:54	SED	FD	N	X	X	X				1	
3	BU-01-01_091720_SED_01-03	09/17/20 15:23	SED	N	N	X	X	X				1	
4	BU-01-01_091720_SED_01-03_DUP	09/17/20 15:56	SED	FD	N	X	X	X				1	
5	BU-01-01_091720_SED_03-05	09/17/20 15:25	SED	N	N	X		X				1	
6	BU-01-01_091720_SED_03-05_DUP	09/17/20 15:58	SED	FD	N	X		X				1	
7	MMSW-C_091720_SED_00-01	09/17/20 10:30	SED	N	N	X	X	X				1	
8	MMSW-C_091720_SED_01-03	09/17/20 10:40	SED	N	N	X	X	X				1	
9	MMSW-C_091720_SED_03-05	09/17/20 10:50	SED	N	N	X		X				1	
10	OV-04_091620_SED_00-01	09/16/20 16:45	SED	N	N	X	X	X				1	
11	OV-04_091620_SED_01-03	09/16/20 17:00	SED	N	N	X	X	X				1	
12	OV-04_091620_SED_03-05	09/16/20 17:15	SED	N	N	X		X				1	

Sampler's Signature: <i>Calvin Johnson</i>	Date: 9/22/20	Time: 15:45	For Lab Use Does COC match samples: Y or N Broken Container: Y or N COC seal intact: Y or N Other problems: Y or N WSDOT contacted: Y or N Date contacted: _____ Cooler Temperature at receipt: _____ °C	Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20	Time: 17:00		
Received By: <i>Fed Ex</i>	Date: 9/22/20	Time: 17:00		
Relinquished By/Affiliation:	Date:	Time:		
Received By:	Date:	Time:		
Relinquished By/Affiliation:	Date:	Time:		
Received By (LAB):	Date:	Time:		



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 4 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH	
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	HOLD All Analyses
1	OB-01_091720_SED_00-01	09/17/20 16:25	SED	N	N	X	X			X	1
2	OB-01_091720_SED_01-03	09/17/20 16:27	SED	N	Y	X	X	Extra volume for MS/MSD		X	1
3	OB-01_091720_SED_03-05	09/17/20 16:29	SED	N	Y	X		Extra volume for MS/MSDS		X	1
4	OR-T1-C1_091720_SED_00-01	09/17/20 17:00	SED	N	N	X	X			X	1
5	OR-T1-C1_091720_SED_00-01_DUP	09/17/20 17:40	SED	FD	N	X	X			X	1
6	OR-T1-C1_091720_SED_01-03	09/17/20 17:15	SED	N	N	X	X			X	1
7	OR-T1-C1_091720_SED_01-03_DUP	09/17/20 17:45	SED	FD	N	X	X			X	1
8	OR-T1-C1_091720_SED_03-05	09/17/20 17:30	SED	N	N	X				X	1
9	PBR-28_091720_SED_00-01	09/17/20 17:45	SED	N	N	X	X			X	1
10	W-17-N_091720_SED_00-01	09/17/20 16:56	SED	N	N	X	X			X	1
11	W-17-N_091720_SED_01-03	09/17/20 16:58	SED	N	N	X	X			X	1
12	W-17-N_091720_SED_03-05	09/17/20 17:00	SED	N	N	X				X	1

Sampler's Signature:		Date:	Time:	For Lab Use		Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
<i>Colleen Kelly</i>		9/22/20	15:45	Does COC match samples:	Y or N	
Relinquished By/Affiliation:		Date:	Time:	Broken Container:	Y or N	
<i>Caroline Godfrey Wood EIS</i>		9/22/20	17:00	COC seal intact:	Y or N	
Received By:		Date:	Time:	Other problems:	Y or N	
<i>Fed Ex</i>		9/22/20	17:00	WSDOT contacted:	Y or N	
Relinquished By/Affiliation:		Date:	Time:	Date contacted:	_____	
Received By:		Date:	Time:	Cooler Temperature at receipt: _____ °C		
Relinquished By/Affiliation:		Date:	Time:			
Received By (LAB):		Date:	Time:			



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 5 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH					
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	OR-T1-C1_091720_SED_03-05_DUP	09/17/20 17:50	SED	FD	N	X				X				1	
2	OV-01_091820_SED_00-01	09/18/20 10:15	SED	N	N	X	X			X				1	
3	OV-01_091820_SED_01-03	09/18/20 10:20	SED	N	N	X	X			X				1	
4	OV-01_091820_SED_03-05	09/18/20 10:25	SED	N	N	X				X				1	
5	PBR-28_091720_SED_00-01_DUP	09/17/20 18:25	SED	FD	N	X	X			X				1	
6	PBR-28_091720_SED_01-03	09/17/20 18:00	SED	N	N	X	X			X				1	
7	PBR-28_091720_SED_01-03_DUP	09/17/20 18:35	SED	FD	N	X	X			X				1	
8	PBR-28_091720_SED_03-05	09/17/20 18:15	SED	N	N	X				X				1	
9	PBR-28_091720_SED_03-05_DUP	09/17/20 18:45	SED	FD	N	X				X				1	
10	W-22-Mid_091820_SED_00-01	09/18/20 10:00	SED	N	N	X	X			X				1	
11	W-22-Mid_091820_SED_01-03	09/18/20 10:10	SED	N	N	X	X			X				1	
12	W-22-Mid_091820_SED_03-05	09/18/20 10:20	SED	N	N	X				X				1	

Sampler's Signature: <i>Catherine Godfrey</i>	Date: 9/22/20 Time: 15:45	For Lab Use	Comments:
Relinquished By/Affiliation: <i>Catherine Godfrey Wood EIS</i>	Date: 9/22/20 Time: 17:00	Does COC match samples: Y or N	X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00	Broken Container: Y or N	
Relinquished By/Affiliation:		COC seal intact: Y or N	
Received By:		Other problems: Y or N	
Relinquished By/Affiliation:		WSDOT contacted: Y or N	
Received By (LAB):		Date contacted: _____	
		Cooler Temperature at receipt: _____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020

COC #: _____

PAGE: 6 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH					
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	MM-T2-C1_091820_SED_00-01	09/18/20 12:35	SED	N	N	X	X			X				1	
2	MM-T2-C1_091820_SED_01-03	09/18/20 12:45	SED	N	N	X	X			X				1	
3	MM-T2-C1_091820_SED_03-05	09/18/20 12:55	SED	N	N	X				X				1	
4	MM-T5-C1_091820_SED_00-01	09/18/20 13:10	SED	N	N	X	X			X				1	
5	MM-T5-C1_091820_SED_01-03	09/18/20 13:20	SED	N	N	X	X			X				1	
6	MM-T5-C1_091820_SED_03-05	09/18/20 13:30	SED	N	N	X	X			X				1	
7	OB-05_091820_SED_00-01	09/18/20 15:40	SED	N	N	X	X			X				1	
8	OB-05_091820_SED_01-03	09/18/20 15:42	SED	N	Y	X	X	Extra volume forms MSD		X				1	
9	OB-05_091820_SED_03-05	09/18/20 15:44	SED	N	N	X				X				1	
10	W-17-Intertidal_091820_SED_00-01	09/18/20 16:06	SED	N	N	X	X			X				1	
11	W-17-Intertidal_091820_SED_01-03	09/18/20 16:08	SED	N	N	X	X			X				1	
12	W-17-Intertidal_091820_SED_03-05	09/18/20 16:10	SED	N	N	X				X				1	

Sampler's Signature: <i>Caroline Godfrey</i>	Date: 9/22/20 Time: 15:45	For Lab Use	Comments:
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20 Time: 17:00	Does COC match samples: Y or N	X=Analyze H=Hold Analysis Request
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00	Broken Container: Y or N	PO # C012906205
Relinquished By/Affiliation:	Date:	COC seal intact: Y or N	TOC Frozen until Shipment
Received By:	Date:	Other problems: Y or N	NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation:	Date:	WSDOT contacted: Y or N	
Received By (LAB):	Date:	Date contacted: _____	
		Cooler Temperature at receipt: _____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 7 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03 ****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH						
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630				STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	FF-08-02_091820_SED_00-01	09/18/20 16:24	SED	N	N	X	X				X				1	
2	FF-08-02_091820_SED_00-01_DUP	09/18/20 17:06	SED	FD	N	X	X				X				1	
3	FF-08-02_091820_SED_01-03	09/18/20 16:26	SED	N	N	X	X				X				1	
4	FF-08-02_091820_SED_01-03_DUP	09/18/20 17:08	SED	FD	N	X	X				X				1	
5	FF-08-02_091820_SED_03-05	09/18/20 16:28	SED	N	N	X					X				1	
6	FF-08-02_091820_SED_03-05_DUP	09/18/20 17:10	SED	FD	N	X					X				1	
7	W-17-Low_091820_SED_00-01	09/18/20 17:33	SED	N	N	X	X				X				1	
8	W-17-Low_091820_SED_01-03	09/18/20 17:35	SED	N	N	X	X				X				1	
9	W-17-Low_091820_SED_03-05	09/18/20 17:37	SED	N	N	X					X				1	
10	W-61-Intertidal_091820_SED_00-01	09/18/20 18:20	SED	N	N	X	X				X				1	
11	W-61-Intertidal_091820_SED_01-03	09/18/20 18:22	SED	N	N	X	X				X				1	
12	W-61-Intertidal_091820_SED_03-05	09/18/20 18:24	SED	N	N	X					X				1	

Sampler's Signature: <i>Callen G. King</i>	Date: 9/22/20 Time: 15:45	For Lab Use		Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Bodfrey Wood EIS</i>	Date: 9/22/20 Time: 17:00	Does COC match samples:	Y or N	
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00	Broken Container:	Y or N	
Relinquished By/Affiliation:	Date:	COC seal intact:	Y or N	
Received By:	Date:	Other problems:	Y or N	
Relinquished By/Affiliation:	Date:	WSDOT contacted:	Y or N	
Received By (LAB):	Date:	Date contacted:		
		Cooler Temperature at receipt:	____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020

COC #: _____

PAGE: 8 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03 ****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH					
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	E-01-01_091920_SED_00-01	09/19/20 13:40	SED	N	N	X	X			X				1	
2	E-01-01_091920_SED_00-01_DUP	09/19/20 14:45	SED	FD	N	X	X			X				1	
3	E-01-01_091920_SED_01-03	09/19/20 13:43	SED	N	N	X	X			X				1	
4	E-01-01_091920_SED_01-03_DUP	09/19/20 14:47	SED	FD	N	X	X			X				1	
5	E-01-01_091920_SED_03-05	09/19/20 13:45	SED	N	N	X				X				1	
6	E-01-01_091920_SED_03-05_DUP	09/19/20 14:49	SED	FD	N	X				X				1	
7	E-01-03_091920_SED_00-01	09/19/20 15:15	SED	N	N	X	X			X				1	
8	E-01-03_091920_SED_01-03	09/19/20 15:17	SED	N	N	X	X			X				1	
9	E-01-03_091920_SED_03-05	09/19/20 15:19	SED	N	N	X				X				1	
10	SVE-01_091820_SED_00-01	09/18/20 18:42	SED	N	N	X	X			X				1	
11	SVE-01_091820_SED_01-03	09/18/20 18:44	SED	N	N	X	X			X				1	
12	SVE-01_091820_SED_03-05	09/18/20 18:46	SED	N	N	X				X				1	

Sampler's Signature: <i>Calvin Garcia</i>	Date: 9/22/20 Time: 15:45	For Lab Use Does COC match samples: Y or N Broken Container: Y or N COC seal intact: Y or N Other problems: Y or N WSDOT contacted: Y or N Date contacted: _____ Cooler Temperature at receipt: _____ °C	Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20 Time: 17:00		
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00		
Relinquished By/Affiliation:	Date: _____ Time: _____		
Received By:	Date: _____ Time: _____		
Relinquished By/Affiliation:	Date: _____ Time: _____		
Received By (LAB):	Date: _____ Time: _____		



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF

DATE: 9/22/2020

COC #: _____

PAGE: 9 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH	
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	HOLD All Analyses
1	CJ-04_092020_SED_00-01	09/20/20 12:35	SED	N	N	X	X			X	1
2	CJ-04_092020_SED_01-03	09/20/20 12:37	SED	N	N	X	X			X	1
3	E-01-04_091920_SED_00-01	09/19/20 15:50	SED	N	N	X	X			X	1
4	E-01-04_091920_SED_01-03	09/19/20 15:52	SED	N	N	X	X			X	1
5	E-01-04_091920_SED_03-05	09/19/20 15:54	SED	N	N	X	X			X	1
6	ES-FP_091920_SED_00-01	09/19/20 16:30	SED	N	N	X	X			X	1
7	ES-FP_091920_SED_01-03	09/19/20 16:32	SED	N	N	X	X			X	1
8	ES-FP_091920_SED_030-036	09/19/20 16:34	SED	N	N	X	X			X	1
9	L9-45_092020_SED_00-01	09/20/20 12:02	SED	N	N	X	X			X	1
10	L9-45_092020_SED_01-03	09/20/20 12:04	SED	N	N	X	X			X	1
11	L9-45_092020_SED_03-05	09/20/20 12:06	SED	N	N	X	X			X	1
12	OL-01_091920_SED_00-03	09/19/20 16:54	SED	N	N	X	X			X	1

Sampler's Signature: <i>Rod Pendelton</i>	Date: 9/22/20 Time: 15:45	For Lab Use	Comments:
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20 Time: 17:00	Does COC match samples: Y or N	X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Received By: <i>Fed Ex</i>	Date: 9/22/20 Time: 17:00	Broken Container: Y or N	
Relinquished By/Affiliation:	Date:	COC seal intact: Y or N	
Received By:	Date:	Other problems: Y or N	
Relinquished By/Affiliation:	Date:	WSDOT contacted: Y or N	
Received By (LAB):	Date:	Date contacted: _____	
		Cooler Temperature at receipt: _____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020

COC #: _____

PAGE: 10 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis					RUSH					
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630				STANDARD - 14 days	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	BO-04_092120_SED_00-02	09/21/20 11:00	SED	N	N	X	X				X				1	
2	CJ-04_092020_SED_03-05	09/20/20 12:39	SED	N	N	X					X				1	
3	MM-T2-C3_092120_SED_00-01	09/21/20 11:50	SED	N	N	X	X				X				1	
4	W-61-High_092020_SED_00-01	09/20/20 18:15	SED	N	N	X	X				X				1	
5	W-61-High_092020_SED_01-03	09/20/20 18:17	SED	N	N	X	X				X				1	
6	W-61-High_092020_SED_03-05	09/20/20 18:19	SED	N	N	X					X				1	
7	W-61-Low_092020_SED_00-01	09/20/20 16:55	SED	N	N	X	X				X				1	
8	W-61-Low_092020_SED_01-03	09/20/20 16:57	SED	N	N	X	X				X				1	
9	W-61-Low_092020_SED_03-05	09/20/20 16:59	SED	N	N	X					X				1	
10	W-61-Mid_092020_SED_00-01	09/20/20 17:34	SED	N	N	X	X				X				1	
11	W-61-Mid_092020_SED_01-03	09/20/20 17:36	SED	N	N	X	X				X				1	
12	W-61-Mid_092020_SED_03-05	09/20/20 17:38	SED	N	N	X					X				1	

Sampler's Signature: <i>Caroline Godfrey</i>	Date: 9/22/20	Time: 15:45	For Lab Use		Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20	Time: 17:00	Does COC match samples:	Y or N	
Received By: <i>Fed Ex</i>	Date: 9/22/20	Time: 17:00	Broken Container:	Y or N	
Relinquished By/Affiliation:	Date:	Time:	COC seal intact:	Y or N	
Received By:	Date:	Time:	Other problems:	Y or N	
Relinquished By/Affiliation:	Date:	Time:	WSDOT contacted:	Y or N	
Received By (LAB):	Date:	Time:	Date contacted:	_____	
			Cooler Temperature at receipt:	_____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

-18 34 67 AX
19 37 AY EMB 9/23/20

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 11 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03.****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH	
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD - 14 days	HOLD All Analyses
1	FRB-01_092120_SED_00-01	09/21/20 14:52	SED	N	N	X	X			X	1
2	FRB-01_092120_SED_01-03	09/21/20 14:54	SED	N	N	X	X			X	1
3	FRB-01_092120_SED_03-05	09/21/20 14:56	SED	N	N	X				X	1
4	MM-T2-C3_092120_SED_01-03	09/21/20 12:00	SED	N	Y	X	X	Extra volume for ms/msd		X	1
5	MM-T2-C3_092120_SED_03-05	09/21/20 12:10	SED	N	Y	X		Extra volume for ms/msd		X	1
6	MM-T5-C3_092120_SED_00-01	09/21/20 13:10	SED	N	N	X	X			X	1
7	MM-T5-C3_092120_SED_01-03	09/21/20 13:20	SED	N	N	X	X			X	1
8	MM-T5-C3_092120_SED_03-05	09/21/20 13:30	SED	N	N	X				X	1
9	W-17-High_092120_SED_00-01	09/21/20 14:35	SED	N	N	X	X			X	1
10	W-17-High_092120_SED_01-03	09/21/20 14:45	SED	N	N	X	X			X	1
11	W-17-High_092120_SED_03-05	09/21/20 14:55	SED	N	N	X				X	1
12	W-17-Mid_092120_SED_00-01	09/21/20 15:10	SED	N	N	X	X			X	1

Sampler's Signature: <i>[Signature]</i>	Date: 9/22/20	Time: 15:45	For Lab Use	Comments: X=Analyze H=Hold Analysis Request PO # C012906205 TOC Frozen until Shipment NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation: <i>[Signature]</i>	Date: 9/22/20	Time: 17:00	Does COC match samples: Y or N	
Received By: <i>[Signature]</i>	Date: 9/22/20	Time: 17:00	Broken Container: Y or N	
Relinquished By/Affiliation: Fed Ex	Date: 9/22/20	Time: 17:00	COC seal intact: Y or N	
Received By:	Date:	Time:	Other problems: Y or N	
Relinquished By/Affiliation:	Date:	Time:	WSDOT contacted: Y or N	
Received By (LAB):	Date:	Time:	Date contacted: _____	
			Cooler Temperature at receipt: _____ °C	



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF CUSTODY

DATE: 9/22/2020
COC #: _____
PAGE: 12 OF 12

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03 ****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH	
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1631e	Total MeHg 1630			STANDARD -14 days	HOLD All Analyses
1	MM-T1-C2_092120_SED_00-01	09/21/20 16:40	SED	N	N	X	X			X	1
2	MM-T1-C2_092120_SED_01-03	09/21/20 16:50	SED	N	N	X	X			X	1
3	MM-T1-C2_092120_SED_03-05	09/21/20 17:00	SED	N	N	X				X	1
4	W-17-Mid_092120_SED_01-03	09/21/20 15:20	SED	N	N	X	X			X	1
5	W-17-Mid_092120_SED_03-05	09/21/20 15:30	SED	N	N	X				X	1
6											
7											
8											
9											
10											
11											
12											

Sampler's Signature: <i>Caroline Godfrey</i>	Date: 9/22/20	Time: 15:45	For Lab Use	Comments:
Relinquished By/Affiliation: <i>Caroline Godfrey Wood EIS</i>	Date: 9/22/20	Time: 17:00	Does COC match samples: Y or N	X=Analyze H=Hold Analysis Request
Received By: <i>Fed Ex</i>	Date: 9/22/20	Time: 17:00	Broken Container: Y or N	PO # C012906205
Relinquished By/Affiliation:	Date:	Time:	COC seal intact: Y or N	TOC Frozen until Shipment
Received By:	Date:	Time:	Other problems: Y or N	NUMBER OF COOLERS SENT: 3
Relinquished By/Affiliation:	Date:	Time:	WSDOT contacted: Y or N	
Received By (LAB):	Date:	Time:	Date contacted: _____	
			Cooler Temperature at receipt: _____ °C	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

ES-02_091620_SED_00-01
0100073-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.9	1.2	4.9	ng/g dry	500	F009424	29-Sep-20	OJ05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	592	11.1	49.1	ng/g dry	50	F009416	28-Sep-20	OJ13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.6	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ES-02_091620_SED_01-03
0100073-02

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.0	1.2	4.7	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	780	10.3	45.3	ng/g dry	50	F009416	28-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.4	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ES-02_091620_SED_03-05
0100073-03

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1120	10.2	44.9	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	43.2	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-02_091520_SED_00-01
0100073-04

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	0.8	3.3	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	21.5	7.77	34.3	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	57.2	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-02_091520_SED_01-03
0100073-05

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	0.8	3.2	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	26.8	7.60	33.6	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	58.3	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-02_091520_SED_03-05
0100073-06

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	27.0	6.59	29.1	ng/g dry	50	F009416	28-Sep-20	0J13018	12-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	65.6	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

VN-02-04_091620_SED_03-05
0100073-07

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	653	11.4	50.5	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.3	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

VN-MU3-GC-1_091620_SED_00-01
0100073-08

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	12.3	1.5	6.1	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	839	13.7	60.5	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	31.4	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

VN-MU3-GC-1_091620_SED_01-03
0100073-09

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.2	1.1	4.5	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	631	9.83	43.4	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	44.0	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

VN-MU3-GC-1_091620_SED_03-05
0100073-10

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	798	10.6	46.8	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.9	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ADD-01_091620_SED_00-01
0100073-11

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.2	4.6	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	31.3	10.8	47.7	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	40.8	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ADD-01_091620_SED_01-03
0100073-12

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.3	5.0	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	38.3	11.2	49.3	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	38.7	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

ADD-01_091620_SED_03-05
0100073-13

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	34.1	9.91	43.8	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	43.0	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ADD-02_091620_SED_00-01
0100073-14

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.0	3.8	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	26.2	7.98	35.3	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	51.3	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**ADD-02_091620_SED_01-03
0100073-15**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.0	4.0	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	23.5	9.10	40.2	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	49.7	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ADD-02_091620_SED_03-05
0100073-16

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	28.6	9.10	40.2	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	48.9	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

OR-T1-C3_091620_SED_00-01
0100073-17

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	7.4	1.2	4.7	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	608	11.0	48.7	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.8	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

OR-T1-C3_091620_SED_01-03
0100073-18

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.6	1.2	4.9	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	824	11.8	52.0	ng/g dry	50	F009416	28-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	38.3	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C3_091620_SED_03-05
0100073-19

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	915	10.7	47.2	ng/g dry	50	F009416	28-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.2	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

OR-T1-C5_091620_SED_00-01
0100073-20

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	11.0	1.2	4.9	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	500	11.3	49.8	ng/g dry	50	F009416	28-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	37.7	0.1	0.1	% by Weight	1	F009429	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C5_091620_SED_01-03
0100073-21

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.1	4.5	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	630	10.3	45.6	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	43.1	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

OR-T1-C5_091620_SED_03-05
0100073-22

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	704	10.3	45.3	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.7	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

BU-01-01_091720_SED_00-01
0100073-23

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.2	1.4	5.5	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	858	12.4	54.9	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	35.5	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

BU-01-01_091720_SED_00-01_DUP
0100073-24

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.6	1.3	5.1	ng/g dry	500	F009424	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	823	11.5	50.6	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	37.9	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

BU-01-01_091720_SED_01-03
0100073-25

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.0	1.2	4.8	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	858	10.8	47.9	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.1	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824


Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

BU-01-01_091720_SED_01-03_DUP
0100073-26

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.3	1.2	4.7	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	768	10.4	45.8	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	40.9	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

BU-01-01_091720_SED_03-05
0100073-27

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	717	10.2	45.2	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	42.7	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

BU-01-01_091720_SED_03-05_DUP
0100073-28

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	865	10.4	45.8	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	42.9	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

MMSW-C_091720_SED_00-01
0100073-29

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.6	1.7	6.8	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	470	14.7	64.9	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	28.9	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

MMSW-C_091720_SED_01-03
0100073-30

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.1	1.8	7.0	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	540	15.3	67.5	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	27.3	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

MMSW-C_091720_SED_03-05
0100073-31

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1770	17.0	75.0	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	25.8	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-04_091620_SED_00-01
0100073-32

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	0.7	2.7	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	22.4	5.84	25.8	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	73.5	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-04_091620_SED_01-03
0100073-33

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	0.6	2.5	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	17.4	5.57	24.6	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	77.8	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-04_091620_SED_03-05
0100073-34

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	16.7	5.39	23.8	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	82.4	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OB-01_091720_SED_00-01
0100073-35

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.8	1.5	5.8	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	600	12.8	56.6	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.6	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

OB-01_091720_SED_01-03
0100073-36

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.8	1.4	5.6	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	669	12.4	54.6	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.6	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OB-01_091720_SED_03-05
0100073-37

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	786	12.4	54.9	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.0	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C1_091720_SED_00-01
0100073-38

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	15.5	1.3	5.3	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	668	12.6	55.7	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	35.9	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**OR-T1-C1_091720_SED_00-01_DUP
0100073-39**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	14.4	1.4	5.5	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	604	12.9	56.9	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.5	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C1_091720_SED_01-03
0100073-40

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	7.1	1.3	5.0	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	838	11.7	51.8	ng/g dry	50	F009417	29-Sep-20	0J06010	05-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	38.5	0.1	0.1	% by Weight	1	F009430	28-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

**OR-T1-C1_091720_SED_01-03_DUP
0100073-41**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.2	1.3	5.0	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	725	11.1	48.9	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.2	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C1_091720_SED_03-05
0100073-42

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	876	11.0	48.6	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	40.3	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

PBR-28_091720_SED_00-01
0100073-43

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.6	1.5	5.8	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	907	13.3	58.8	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	33.1	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-N_091720_SED_00-01
0100073-44

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	7.3	2.0	7.8	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	607	18.7	82.4	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	23.7	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-N_091720_SED_01-03
0100073-45

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	14.3	2.3	9.3	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	1610	21.1	93.1	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	21.0	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-N_091720_SED_03-05
0100073-46

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1310	20.8	91.8	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	21.6	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OR-T1-C1_091720_SED_03-05_DUP
0100073-47

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	901	11.3	49.8	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.4	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-01_091820_SED_00-01
0100073-48

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	-	1.9	ng/g	500	F010342	07-Oct-20	0J10004	08-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	13.0	4.63	20.5	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	95.6	0.1	0.1	% by Weight	1	F009441	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-01_091820_SED_01-03
0100073-49

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	-	1.9	ng/g	500	F010342	07-Oct-20	0J10004	08-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	15.6	4.71	20.8	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	95.5	0.1	0.1	% by Weight	1	F009441	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OV-01_091820_SED_03-05
0100073-50

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	17.4	4.87	21.5	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	91.5	0.1	0.1	% by Weight	1	F009441	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

PBR-28_091720_SED_00-01_DUP
0100073-51

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.6	1.4	5.7	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	739	12.5	55.4	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.9	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

PBR-28_091720_SED_01-03
0100073-52

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	4.0	1.1	4.5	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	581	10.4	46.0	ng/g dry	50	F009442	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	43.2	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

PBR-28_091720_SED_01-03_DUP
0100073-53

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.6	1.2	4.9	ng/g dry	500	F009425	29-Sep-20	0J05020	01-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	825	11.0	48.4	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.8	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

PBR-28_091720_SED_03-05
0100073-54

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1110	9.61	42.5	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	45.6	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

PBR-28_091720_SED_03-05_DUP
0100073-55

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1050	10.1	44.7	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	44.2	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

W-22-Mid_091820_SED_00-01
0100073-56

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.5	1.2	4.9	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	700	11.3	50.0	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.0	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-22-Mid_091820_SED_01-03
0100073-57

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	11.8	1.2	4.6	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	752	11.2	49.4	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	40.4	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

W-22-Mid_091820_SED_03-05
0100073-58

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1070	11.0	48.8	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.6	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T2-C1_091820_SED_00-01
0100073-59**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	2.5	9.9	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	159	23.7	105	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	18.9	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

**MM-T2-C1_091820_SED_01-03
0100073-60**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	2.7	10.8	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	565	25.8	114	ng/g dry	50	F009418	29-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	17.5	0.1	0.1	% by Weight	1	F009431	25-Sep-20		05-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

MM-T2-C1_091820_SED_03-05
0100073-61

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	687	27.5	121	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	16.2	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

MM-T5-C1_091820_SED_00-01
0100073-63

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.9	1.8	7.3	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	631	16.6	73.6	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	26.2	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T5-C1_091820_SED_01-03
0100073-64**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	2.0	8.0	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	982	17.7	78.3	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	24.7	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

MM-T5-C1_091820_SED_03-05
0100073-65

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1940	19.7	87.2	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	21.8	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OB-05_091820_SED_00-01
0100073-66

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	16.9	1.4	5.5	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	714	12.9	57.2	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.3	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04




Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OB-05_091820_SED_01-03
0100073-67

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	17.9	1.5	5.8	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	968	12.6	55.5	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.9	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OB-05_091820_SED_03-05
0100073-68

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	743	10.9	48.1	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.8	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Intertidal_091820_SED_00-01
0100073-69

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.3	1.2	4.6	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	648	10.5	46.6	ng/g dry	50	F009419	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.9	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Intertidal_091820_SED_01-03
0100073-70

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.9	1.0	3.9	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	537	8.96	39.6	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	48.5	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Intertidal_091820_SED_03-05
0100073-71

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	797	8.39	37.1	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	52.9	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FF-08-02_091820-SED-00-01
0100073-72


Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	9.2	1.3	5.2	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	581	11.6	51.2	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	36.3	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FF-08-02_091820-SED-00-01_DUP
0100073-73

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	9.8	1.3	5.3	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	593	12.3	54.4	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	35.4	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FF-08-02_091820-SED-01-03
0100073-74

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.7	1.2	4.7	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	605	10.4	46.0	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	42.4	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FF-08-02_091820-SED-01-03_DUP
0100073-75

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.7	1.2	4.7	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	648	10.6	46.7	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.4	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FF-08-02_091820-SED-03-05
0100073-76

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	666	9.99	44.2	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	44.6	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

FF-08-02_091820-SED-03-05_DUP
0100073-77

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	569	9.77	43.2	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	46.3	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Low_091820_SED_00-01
0100073-78

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	7.6	1.3	5.3	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	1020	12.2	54.0	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	36.9	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Low_091820_SED_01-03
0100073-79

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	19.9	1.2	4.6	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	700	10.8	47.7	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.2	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

W-17-Low_091820_SED_03-05
0100073-80

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1430	13.5	59.6	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.6	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Intertidal_091820_SED_00-01
0100073-81

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	9.1	1.2	4.6	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	587	10.6	46.8	ng/g dry	50	F009419	30-Sep-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.8	0.1	0.1	% by Weight	1	F009432	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

W-61-Intertidal_091820_SED_01-03
0100073-82

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.3	1.2	4.8	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	750	11.5	50.7	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.3	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Intertidal_091820_SED_03-05
0100073-83

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1060	9.93	43.9	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	42.2	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-01_091920_SED_00-01
0100073-84

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.8	2.0	7.9	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	514	18.5	81.5	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	24.1	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

E-01-01_091920_SED_00-01_DUP
0100073-85

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	11.6	2.0	7.8	ng/g dry	500	F009426	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	869	17.8	78.6	ng/g dry	50	F009420	01-Oct-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	25.4	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

E-01-01_091920_SED_01-03
0100073-86

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	10.6	1.5	6.0	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	483	13.5	59.8	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	31.8	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

E-01-01_091920_SED_01-03_DUP
0100073-87

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	11.9	1.6	6.3	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	570	14.5	64.2	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	30.7	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-01_091920_SED_03-05
0100073-88

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	611	12.9	56.8	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	35.0	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**E-01-01_091920_SED_03-05_DUP
0100073-89**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	380	13.0	57.5	ng/g dry	50	F009420	01-Oct-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	33.8	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-03_091920-SED-00-01
0100073-90

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	1.9	1.4	5.7	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	382	12.8	56.6	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	33.6	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-03_091920-SED-01-03
0100073-91

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.2	4.7	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	446	10.5	46.2	ng/g dry	50	F009420	01-Oct-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.4	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**E-01-03_091920-SED-03-05
0100073-92**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	946	10.4	46.2	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	42.0	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

SVE-01_091820_SED_00-01
0100073-93

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	1.7	0.8	3.3	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	469	7.43	32.8	ng/g dry	50	F009420	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	59.4	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

SVE-01_091820_SED_01-03
0100073-94

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.8	1.1	4.5	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	756	9.71	42.9	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	44.3	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

SVE-01_091820_SED_03-05
0100073-95

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	588	9.09	40.2	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	47.6	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

CJ-04_092020_SED_00-01
0100073-96

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.9	1.4	5.5	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	438	12.2	53.8	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	35.8	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

CJ-04_092020_SED_01-03
0100073-97

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.3	1.3	5.1	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	535	11.7	51.8	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	37.0	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-04_091920_SED_00-01
0100073-98

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	1.1	0.8	3.1	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	192	6.90	30.5	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	63.4	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

E-01-04_091920_SED_01-03
0100073-99

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.0	3.9	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	176	8.77	38.7	ng/g dry	50	F009420	01-Oct-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	48.8	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

E-01-04_091920_SED_03-05
0I00073-AA

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	101	8.30	36.7	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	52.5	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**ES-FP_091920_SED_00-01
0I00073-AB**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.6	0.8	3.2	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	298	7.44	32.9	ng/g dry	50	F009420	30-Sep-20	0J07014	06-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	58.5	0.1	0.1	% by Weight	1	F009433	25-Sep-20		20-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ES-FP_091920_SED_01-03
0I00073-AC

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.1	4.2	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	242	9.21	40.7	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	46.6	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

ES-FP_091920_SED_030-036
0I00073-AD

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	110	9.33	41.2	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	46.0	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

L9-45_092020_SED_00-01
0I00073-AE

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.1	1.3	5.0	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	414	11.8	52.1	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	36.9	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

L9-45_092020_SED_01-03
0I00073-AF

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	1.7	1.3	5.0	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	526	11.4	50.2	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.4	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

L9-45_092020_SED_03-05
0I00073-AG

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	709	10.9	48.0	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.4	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

OL-01_091920_SED_00-03
0I00073-AH

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	0.8	0.7	2.9	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	124	6.51	28.8	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	69.0	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

BO-04_092120_SED_00-02
0100073-AI

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.9	1.8	7.1	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	833	15.8	70.0	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	27.4	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

CJ-04_092020_SED_03-05
0I00073-AJ

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	612	10.6	46.7	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.1	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T2-C3_092120_SED_00-01
0I00073-AK**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	15.8	1.1	4.5	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	567	9.78	43.2	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	43.7	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**W-61-High_0902020_SED_00-01
0I00073-AL**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	17.0	2.4	9.5	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	336	23.1	102	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	19.6	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-High_0902020_SED_01-03
0I00073-AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.2	1.7	6.9	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	365	15.8	70.0	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	27.2	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-High_0902020_SED_03-05
0I00073-AN

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	134	6.81	30.1	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	62.7	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Low_092020_SED_00-01
0I00073-AO

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	3.2	1.5	6.0	ng/g dry	500	F009427	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	1060	13.7	60.5	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.2	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Low_092020_SED_01-03
0I00073-AP

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.7	1.3	5.1	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	656	11.8	52.0	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	38.0	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Low_092020_SED_03-05
0I00073-AQ

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1400	14.0	61.6	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	31.2	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

W-61-Mid_092020_SED_00-01
0I00073-AR

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	2.7	1.8	7.2	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	500	16.4	72.3	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	26.5	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**W-61-Mid_092020_SED_01-03
0I00073-AS**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.4	5.4	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	634	12.9	57.2	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	34.7	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-61-Mid_092020_SED_03-05
0I00073-AT

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	484	8.95	39.5	ng/g dry	50	F009421	01-Oct-20	0J08010	07-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	47.8	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-01_092120_SED_00-01
0I00073-AU

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.5	6.0	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	30.5	2.72	12.0	ng/g dry	10	F009421	01-Oct-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.0	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-01_092120_SED_01-03
0I00073-AV

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.2	4.7	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	26.4	2.20	9.70	ng/g dry	10	F009421	01-Oct-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.3	0.1	0.1	% by Weight	1	F009434	01-Oct-20		05-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

FRB-01_092120_SED_03-05
0I00073-AW

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	32.5	9.73	43.0	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	J
Sample Preparation: SM 2540B											
% Solids	45.4	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

MM-T2-C3_092120_SED_01-03
0I00073-AX

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	10.8	1.2	4.9	ng/g dry	500	F009428	30-Sep-20	0J13017	12-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	751	11.3	49.8	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	39.9	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

MM-T2-C3_092120_SED_03-05
0I00073-AY

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1740	21.2	93.5	ng/g dry	100	F009422	01-Oct-20	0J13018	12-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	41.6	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T5-C3_092120_SED_00-01
0I00073-AZ**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	10.8	1.6	6.5	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	576	14.8	65.2	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	30.2	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

**MM-T5-C3_092120_SED_01-03
0I00073-BA**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	10.5	1.8	7.2	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	654	16.1	71.1	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	27.3	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T5-C3_092120_SED_03-05
0I00073-BB**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1150	14.8	65.3	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	30.2	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-High_092120_SED_00-01
0I00073-BC

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	8.7	2.0	8.1	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	638	19.1	84.3	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	23.1	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

W-17-High_092120_SED_01-03
0I00073-BD

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	ND	1.8	7.3	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	U
Sample Preparation: EPA 1631B											
Mercury	1830	17.3	76.5	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	25.6	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-High_092120_SED_03-05
0I00073-BE

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	745	18.6	82.3	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	23.7	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**W-17-Mid_092120_SED_00-01
0I00073-BF**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	17.8	1.9	7.4	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	779	17.5	77.2	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	25.4	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T1-C2_092120_SED_00-01
0I00073-BG**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	7.1	1.6	6.3	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	792	15.2	67.2	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	29.7	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

**MM-T1-C2_092120_SED_01-03
0I00073-BH**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.4	1.5	5.9	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	892	13.6	60.2	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.7	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

MM-T1-C2_092120_SED_03-05
0100073-BI

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	982	13.3	58.7	ng/g dry	50	F009422	01-Oct-20	0112009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	32.8	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

W-17-Mid_092120_SED_01-03
0100073-BJ

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	4.4	2.0	8.0	ng/g dry	500	F009428	30-Sep-20	0J05020	02-Oct-20	EPA 1630 Mod	J
Sample Preparation: EPA 1631B											
Mercury	937	18.8	82.9	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	23.2	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

W-17-Mid_092120_SED_03-05
0I00073-BK


Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1631B											
Mercury	1680	17.1	75.5	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	25.9	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

VN-02-04_091620_SED_00-01
0I00073-BL

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	6.1	-	1.9	ng/g	500	F010382	16-Oct-20	0J19017	16-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	811	13.0	57.6	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	33.4	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	O-04

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

VN-02-04_091620_SED_01-03
0I00073-BM


Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630 Mod											
Methyl Mercury (as Mercury)	5.2	-	1.9	ng/g	500	F010382	16-Oct-20	0J19017	16-Oct-20	EPA 1630 Mod	
Sample Preparation: EPA 1631B											
Mercury	715	12.0	53.0	ng/g dry	50	F009422	01-Oct-20	0J12009	09-Oct-20	EPA 1631B	
Sample Preparation: SM 2540B											
% Solids	36.8	0.1	0.1	% by Weight	1	F009435	25-Sep-20		01-Oct-20	SM 2540B	O-04



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Cal Standard (0J05020-CAL1)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.05	-		ng/L	0.050000		91.2				
Cal Standard (0J05020-CAL2)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.2	-		ng/L	0.20000		93.0				
Cal Standard (0J05020-CAL3)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	1.0	-		ng/L	1.0000		98.7				
Cal Standard (0J05020-CAL4)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	2.3	-		ng/L	2.0000		113				
Cal Standard (0J05020-CAL5)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	4.2	-		ng/L	4.0000		105				
Calibration Blank (0J05020-CCB1)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.02	-		ng/L							
Calibration Blank (0J05020-CCB2)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.0008	-		ng/L							
Calibration Blank (0J05020-CCB3)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.004	-		ng/L							U
Calibration Blank (0J05020-CCB4)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.007	-		ng/L							
Calibration Blank (0J05020-CCB5)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.002	-		ng/L							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Calibration Blank (0J05020-CCB6)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.002	-		ng/L							U
Calibration Blank (0J05020-CCB7)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.008	-		ng/L							U
Calibration Blank (0J05020-CCB9)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBA)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.008	-		ng/L							U
Calibration Blank (0J05020-CCBB)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBC)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBD)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBE)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBF)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBG)						Prepared & Analyzed: 01-Oct-20					
Methyl Mercury (as Mercury)	0.004	-		ng/L							

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Calibration Blank (0J05020-CCBH) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBI) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.008	-		ng/L							
Calibration Blank (0J05020-CCBJ) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBK) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBL) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBM) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBN) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBO) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J05020-CCBP) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.004	-		ng/L							U
Calibration Blank (0J05020-CCBQ) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Calibration Blank (0J05020-CCBR) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.002	-		ng/L							U
Calibration Check (0J05020-CCV1) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		103	67-133			
Calibration Check (0J05020-CCV2) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		95.6	67-133			
Calibration Check (0J05020-CCV3) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		110	67-133			
Calibration Check (0J05020-CCV4) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		91.8	67-133			
Calibration Check (0J05020-CCV5) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		90.0	67-133			
Calibration Check (0J05020-CCV6) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		108	67-133			
Calibration Check (0J05020-CCV7) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		95.4	67-133			
Calibration Check (0J05020-CCV9) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		76.7	67-133			
Calibration Check (0J05020-CCVA) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		80.2	67-133			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Calibration Check (0J05020-CCVB) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		75.4	67-133			
Calibration Check (0J05020-CCVC) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		75.0	67-133			
Calibration Check (0J05020-CCVD) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		79.2	67-133			
Calibration Check (0J05020-CCVE) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		115	67-133			
Calibration Check (0J05020-CCVF) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		114	67-133			
Calibration Check (0J05020-CCVG) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		125	67-133			
Calibration Check (0J05020-CCVH) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		107	67-133			
Calibration Check (0J05020-CCVI) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		125	67-133			
Calibration Check (0J05020-CCVJ) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		116	67-133			
Calibration Check (0J05020-CCVK) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		107	67-133			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05020 - F009428											
Calibration Check (0J05020-CCVL)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		116	67-133			
Calibration Check (0J05020-CCVM)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		86.3	67-133			
Calibration Check (0J05020-CCVN)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		85.7	67-133			
Calibration Check (0J05020-CCVO)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		71.8	67-133			
Calibration Check (0J05020-CCVP)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		82.9	67-133			
Calibration Check (0J05020-CCVQ)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		110	67-133			
Calibration Check (0J05020-CCVR)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		108	67-133			
Instrument Blank (0J05020-IBL1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	ND	0.001	0.004	ng/L							U
Initial Cal Blank (0J05020-ICB1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.01	-		ng/L							
Initial Cal Check (0J05020-ICV1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		116	69-131			




Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J09001 - F009428											
Cal Standard (0J09001-CAL1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.05	-		ng/L	0.050000		109				
Cal Standard (0J09001-CAL2)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.2	-		ng/L	0.20000		93.1				
Cal Standard (0J09001-CAL3)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	1.0	-		ng/L	1.0000		97.7				
Cal Standard (0J09001-CAL4)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	2.0	-		ng/L	2.0000		101				
Cal Standard (0J09001-CAL5)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	4.0	-		ng/L	4.0000		99.6				
Calibration Blank (0J09001-CCB1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.0	-		ng/L							U
Calibration Check (0J09001-CCV1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		78.0	67-133			
Instrument Blank (0J09001-IBL1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	ND	0.001	0.004	ng/L							U
Initial Cal Blank (0J09001-ICB1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.03	-		ng/L							
Initial Cal Check (0J09001-ICV1)					Prepared & Analyzed: 05-Oct-20						
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		112	69-131			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data


Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J10004 - F010342											
Cal Standard (0J10004-CAL1)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	0.04	-		ng/L	0.050000		81.4				
Cal Standard (0J10004-CAL2)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	0.2	-		ng/L	0.20000		86.7				
Cal Standard (0J10004-CAL3)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	1.1	-		ng/L	1.0000		111				
Cal Standard (0J10004-CAL4)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	2.1	-		ng/L	2.0000		104				
Cal Standard (0J10004-CAL5)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	4.7	-		ng/L	4.0000		117				
Calibration Blank (0J10004-CCB1)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	-0.02	-		ng/L							U
Calibration Blank (0J10004-CCB2)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	-0.01	-		ng/L							U
Calibration Blank (0J10004-CCB3)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	-0.0006	-		ng/L							U
Calibration Blank (0J10004-CCB4)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	-0.02	-		ng/L							U
Calibration Blank (0J10004-CCB5)					Prepared & Analyzed: 08-Oct-20						
Methyl Mercury (as Mercury)	-0.03	-		ng/L							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J10004 - F010342											
Calibration Blank (0J10004-CCB6)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	-0.02	-		ng/L							U
Calibration Blank (0J10004-CCB7)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	-0.03	-		ng/L							U
Calibration Check (0J10004-CCV1)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		106	67-133			
Calibration Check (0J10004-CCV2)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		122	67-133			
Calibration Check (0J10004-CCV3)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.7	-		ng/L	0.50368		141	67-133			QM-12
Calibration Check (0J10004-CCV4)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		122	67-133			
Calibration Check (0J10004-CCV5)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		105	67-133			
Calibration Check (0J10004-CCV6)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		112	67-133			
Calibration Check (0J10004-CCV7)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		108	67-133			
Instrument Blank (0J10004-IBL1)											
Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	ND	-	0.004	ng/L							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J10004 - F010342											
Initial Cal Blank (0J10004-ICB1) Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	-0.009	-		ng/L							U
Initial Cal Check (0J10004-ICV1) Prepared & Analyzed: 08-Oct-20											
Methyl Mercury (as Mercury)	0.4	-		ng/L	0.50368		83.6	69-131			
Batch 0J13017 - F010342											
Cal Standard (0J13017-CAL1) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	0.05	-		ng/L	0.050000		107				
Cal Standard (0J13017-CAL2) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	0.2	-		ng/L	0.20000		87.6				
Cal Standard (0J13017-CAL3) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	1.0	-		ng/L	1.0000		100				
Cal Standard (0J13017-CAL4) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	2.1	-		ng/L	2.0000		106				
Cal Standard (0J13017-CAL5) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	3.9	-		ng/L	4.0000		98.3				
Calibration Blank (0J13017-CCB1) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	-0.009	-		ng/L							U
Calibration Blank (0J13017-CCB2) Prepared & Analyzed: 12-Oct-20											
Methyl Mercury (as Mercury)	0.02	-		ng/L							



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J13017 - F010342

Calibration Check (0J13017-CCV1)											Prepared & Analyzed: 12-Oct-20
Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		92.1	67-133			
Instrument Blank (0J13017-IBL1)											Prepared & Analyzed: 12-Oct-20
Methyl Mercury (as Mercury)	ND	0.001	0.004	ng/L							U
Initial Cal Blank (0J13017-ICB1)											Prepared & Analyzed: 12-Oct-20
Methyl Mercury (as Mercury)	0.03	-		ng/L							
Initial Cal Check (0J13017-ICV1)											Prepared & Analyzed: 12-Oct-20
Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		113	69-131			

Batch 0J19017 - F010382

Cal Standard (0J19017-CAL1)											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	0.05	-		ng/L	0.050000		91.8				
Cal Standard (0J19017-CAL2)											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	0.2	-		ng/L	0.20000		107				
Cal Standard (0J19017-CAL3)											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	1.0	-		ng/L	1.0000		100				
Cal Standard (0J19017-CAL4)											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	1.9	-		ng/L	2.0000		93.7				
Cal Standard (0J19017-CAL5)											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	4.3	-		ng/L	4.0000		107				



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J19017 - F010382

Calibration Blank (0J19017-CCB1) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.01	-		ng/L							
-----------------------------	------	---	--	------	--	--	--	--	--	--	--

Calibration Blank (0J19017-CCB2) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.0	-		ng/L							U
-----------------------------	-----	---	--	------	--	--	--	--	--	--	---

Calibration Blank (0J19017-CCB3) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.02	-		ng/L							
-----------------------------	------	---	--	------	--	--	--	--	--	--	--

Calibration Check (0J19017-CCV1) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		110	67-133			
-----------------------------	-----	---	--	------	---------	--	-----	--------	--	--	--

Calibration Check (0J19017-CCV2) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.6	-		ng/L	0.50368		110	67-133			
-----------------------------	-----	---	--	------	---------	--	-----	--------	--	--	--

Calibration Check (0J19017-CCV3) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		103	67-133			
-----------------------------	-----	---	--	------	---------	--	-----	--------	--	--	--

Instrument Blank (0J19017-IBL1) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	ND	-	0.004	ng/L							U
-----------------------------	----	---	-------	------	--	--	--	--	--	--	---

Initial Cal Blank (0J19017-ICB1) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.04	-		ng/L							
-----------------------------	------	---	--	------	--	--	--	--	--	--	--

Initial Cal Check (0J19017-ICV1) Prepared & Analyzed: 16-Oct-20

Methyl Mercury (as Mercury)	0.5	-		ng/L	0.50368		109	69-131			
-----------------------------	-----	---	--	------	---------	--	-----	--------	--	--	--

Batch F009424 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F009424-BLK1) Prepared: 29-Sep-20 Analyzed: 01-Oct-20

Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
-----------------------------	----	-----	-----	----------	--	--	--	--	--	--	---



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch F009424 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg											
Blank (F009424-BLK2) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009424-BLK3) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009424-BLK4) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	1.9	ng/g wet							U
Blank (F009424-BLK5) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009424-BLK6) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009424-BLK7) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	ND	0.5	1.9	ng/g wet							U
LCS (F009424-BS2) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	257.9	1.9	7.5	ng/g wet	355.00		72.7	50-150			
LCS Dup (F009424-BSD2) Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	197.7	1.9	7.5	ng/g wet	355.00		55.7	50-150	26.4	35	
Matrix Spike (F009424-MS1) Source: 0100073-18 Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	91.0	1.3	5.1	ng/g dry	101.24	3.6	86.2	50-150			
Matrix Spike (F009424-MS2) Source: 0100072-01 Prepared: 29-Sep-20 Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	37.9	2.4	9.6	ng/g wet	38.373	ND	98.8	50-150			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009424 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike Dup (F009424-MSD1)		Source: 0I00073-18		Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	129.5	1.3	5.1	ng/g dry	101.44	3.6	124	50-150	35.9	35	QR-09
Matrix Spike Dup (F009424-MSD2)		Source: 0I00072-01		Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	28.9	2.3	9.3	ng/g wet	37.244	ND	77.6	50-150	24.0	35	

Batch F009425 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F009425-BLK1)				Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009425-BLK2)				Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009425-BLK3)				Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
LCS (F009425-BS2)				Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	256.6	1.0	3.9	ng/g wet	355.00		72.3	50-150			
LCS Dup (F009425-BSD2)				Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	255.3	0.9	3.7	ng/g wet	355.00		71.9	50-150	0.498	35	
Matrix Spike (F009425-MS1)		Source: 0I00073-36		Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	147.3	1.4	5.5	ng/g dry	109.85	3.8	131	50-150			
Matrix Spike (F009425-MS3)		Source: 0I00073-25		Prepared: 29-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	138.4	1.2	4.9	ng/g dry	97.505	8.0	134	50-150			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009425 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike Dup (F009425-MSD1)		Source: 0I00073-36		Prepared: 29-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	161.1	1.4	5.7	ng/g dry	114.51	3.8	137	50-150	5.03	35	
Matrix Spike Dup (F009425-MSD3)		Source: 0I00073-25		Prepared: 29-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	147.5	1.3	5.0	ng/g dry	99.748	8.0	140	50-150	4.50	35	

Batch F009426 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F009426-BLK1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009426-BLK2)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009426-BLK3)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
LCS (F009426-BS2)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	246.7	1.0	3.9	ng/g wet	355.00		69.5	50-150			
LCS Dup (F009426-BSD2)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	214.7	1.0	3.9	ng/g wet	355.00		60.5	50-150	13.9	35	
Matrix Spike (F009426-MS3)		Source: 0I00073-67RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	172.5	1.5	5.9	ng/g dry	117.90	17.9	131	50-150			
Matrix Spike (F009426-MS4)		Source: 0I00073-56RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	147.1	1.2	4.9	ng/g dry	97.272	5.5	146	50-150			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009426 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike Dup (F009426-MSD3)		Source: 0I00073-67RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	172.8	1.5	5.8	ng/g dry	116.68	17.9	133	50-150	1.27	35	
Matrix Spike Dup (F009426-MSD4)		Source: 0I00073-56RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	143.6	1.2	4.9	ng/g dry	97.643	5.5	141	50-150	2.82	35	

Batch F009427 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F009427-BLK1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009427-BLK2)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009427-BLK3)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
LCS (F009427-BS1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	266.2	2.0	8.0	ng/g wet	355.00		75.0	50-150			
LCS Dup (F009427-BSD1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	219.2	1.9	7.5	ng/g wet	355.00		61.8	50-150	19.3	35	
Matrix Spike (F009427-MS3)		Source: 0I00073-86RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	193.2	1.6	6.2	ng/g dry	123.37	10.6	148	50-150			
Matrix Spike (F009427-MS4)		Source: 0I00073-87RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	195.6	1.6	6.5	ng/g dry	129.05	11.9	142	50-150			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009427 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike Dup (F009427-MSD3)		Source: 0I00073-86RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	174.0	1.5	6.0	ng/g dry	119.03	10.6	137	50-150	7.56	35	
Matrix Spike Dup (F009427-MSD4)		Source: 0I00073-87RE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	234.2	1.6	6.3	ng/g dry	125.72	11.9	177	50-150	21.6	35	QM-05

Batch F009428 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F009428-BLK1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009428-BLK2)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
Blank (F009428-BLK3)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	ND	0.5	2.0	ng/g wet							U
LCS (F009428-BS2)				Prepared: 30-Sep-20 Analyzed: 12-Oct-20							
Methyl Mercury (as Mercury)	262.6	1.8	7.2	ng/g wet	355.00		74.0	50-150			
LCS Dup (F009428-BSD1)				Prepared: 30-Sep-20 Analyzed: 01-Oct-20							
Methyl Mercury (as Mercury)	194.2	1.0	3.9	ng/g wet	362.53		53.6	50-150	12.8	35	
LCS Dup (F009428-BSD2)				Prepared: 30-Sep-20 Analyzed: 12-Oct-20							
Methyl Mercury (as Mercury)	310.5	1.9	7.7	ng/g wet	355.00		87.5	50-150	16.7	35	
Matrix Spike (F009428-MS3)		Source: 0I00073-AXRE1		Prepared: 30-Sep-20 Analyzed: 02-Oct-20							
Methyl Mercury (as Mercury)	139.4	1.2	4.8	ng/g dry	96.618	6.6	137	50-150			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009428 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike (F009428-MS7)		Source: 0100073-AXRE2		Prepared: 30-Sep-20 Analyzed: 12-Oct-20	
Methyl Mercury (as Mercury)	105.9	1.2	4.8	ng/g dry	96.618 10.8 98.5 50-150
Matrix Spike Dup (F009428-MSD3)		Source: 0100073-AXRE1		Prepared: 30-Sep-20 Analyzed: 05-Oct-20	
Methyl Mercury (as Mercury)	140.5	1.2	4.7	ng/g dry	93.274 6.6 144 50-150 4.40 35
Matrix Spike Dup (F009428-MSD7)		Source: 0100073-AXRE2		Prepared: 30-Sep-20 Analyzed: 12-Oct-20	
Methyl Mercury (as Mercury)	103.6	1.2	4.7	ng/g dry	93.274 10.8 99.6 50-150 1.10 35

Batch F010342 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F010342-BLK1)				Prepared: 07-Oct-20 Analyzed: 08-Oct-20	
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g	U
Blank (F010342-BLK2)				Prepared: 07-Oct-20 Analyzed: 08-Oct-20	
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g	U
Blank (F010342-BLK3)				Prepared: 07-Oct-20 Analyzed: 08-Oct-20	
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g	U
Blank (F010342-BLK4)				Prepared: 07-Oct-20 Analyzed: 08-Oct-20	
Methyl Mercury (as Mercury)	ND	-	1.9	ng/g	U
LCS (F010342-BS2)				Prepared: 07-Oct-20 Analyzed: 12-Oct-20	
Methyl Mercury (as Mercury)	367.1	-	7.8	ng/g	355.00 103 50-150
LCS Dup (F010342-BSD2)				Prepared: 07-Oct-20 Analyzed: 12-Oct-20	
Methyl Mercury (as Mercury)	369.9	-	7.7	ng/g	355.00 104 50-150 0.765 35



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F010342 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Matrix Spike (F010342-MS2)		Source: 0100109-01		Prepared: 07-Oct-20 Analyzed: 08-Oct-20							
Methyl Mercury (as Mercury)	ND	-	1.9	ng/g	38.462	ND		50-150			QM-07, U
Matrix Spike (F010342-MS3)		Source: 0100111-01		Prepared: 07-Oct-20 Analyzed: 12-Oct-20							
Methyl Mercury (as Mercury)	4.4	-	2.0	ng/g	40.000	ND	11.0	50-150			QM-05
Matrix Spike Dup (F010342-MSD2)		Source: 0100109-01		Prepared: 07-Oct-20 Analyzed: 08-Oct-20							
Methyl Mercury (as Mercury)	ND	-	1.9	ng/g	37.580	ND		50-150	35		QM-07, U
Matrix Spike Dup (F010342-MSD3)		Source: 0100111-01		Prepared: 07-Oct-20 Analyzed: 12-Oct-20							
Methyl Mercury (as Mercury)	7.6	-	1.9	ng/g	37.651	ND	20.3	50-150	59.0	35	QM-05

Batch F010382 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Blank (F010382-BLK1)				Prepared & Analyzed: 16-Oct-20							
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g							U
Blank (F010382-BLK2)				Prepared & Analyzed: 16-Oct-20							
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g							U
Blank (F010382-BLK3)				Prepared & Analyzed: 16-Oct-20							
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g							U
Blank (F010382-BLK4)				Prepared & Analyzed: 16-Oct-20							
Methyl Mercury (as Mercury)	ND	-	2.0	ng/g							U
LCS (F010382-BS1)				Prepared & Analyzed: 16-Oct-20							
Methyl Mercury (as Mercury)	313.7	-	8.0	ng/g	355.00		88.4	50-150			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F010382 - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

LCS Dup (F010382-BSD1)											
											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	322.3	-	7.9	ng/g	355.00		90.8	50-150	2.69	35	
Matrix Spike (F010382-MS1)											
											Source: 0I00073-BM
											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	47.2	-	1.9	ng/g	38.447	5.2	109	50-150			
Matrix Spike (F010382-MS2)											
											Source: 0J00051-01
											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	72.8	-	10.0	ng/g	39.857	24.5	121	50-150			
Matrix Spike Dup (F010382-MSD1)											
											Source: 0I00073-BM
											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	44.8	-	1.9	ng/g	38.550	5.2	103	50-150	5.91	35	
Matrix Spike Dup (F010382-MSD2)											
											Source: 0J00051-01
											Prepared & Analyzed: 16-Oct-20
Methyl Mercury (as Mercury)	68.7	-	9.3	ng/g	37.051	24.5	119	50-150	1.48	35	



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J06010 - F009416											
Cal Standard (0J06010-CAL1)											
Mercury	0.52	-		ng/L	0.50000		104				Prepared & Analyzed: 05-Oct-20
Cal Standard (0J06010-CAL2)											
Mercury	0.99	-		ng/L	1.0000		99.5				Prepared & Analyzed: 05-Oct-20
Cal Standard (0J06010-CAL3)											
Mercury	5.04	-		ng/L	5.0000		101				Prepared & Analyzed: 05-Oct-20
Cal Standard (0J06010-CAL4)											
Mercury	19.87	-		ng/L	20.000		99.3				Prepared & Analyzed: 05-Oct-20
Cal Standard (0J06010-CAL5)											
Mercury	38.58	-		ng/L	40.000		96.4				Prepared & Analyzed: 05-Oct-20
Calibration Blank (0J06010-CCB1)											
Mercury	0.05	-		ng/L							Prepared & Analyzed: 05-Oct-20
Calibration Blank (0J06010-CCB2)											
Mercury	0.07	-		ng/L							Prepared & Analyzed: 05-Oct-20
Calibration Blank (0J06010-CCB3)											
Mercury	0.04	-		ng/L							Prepared & Analyzed: 05-Oct-20
Calibration Blank (0J06010-CCB4)											
Mercury	0.006	-		ng/L							Prepared & Analyzed: 05-Oct-20
Calibration Blank (0J06010-CCB5)											
Mercury	0.13	-		ng/L							Prepared & Analyzed: 05-Oct-20





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J06010 - F009416											
Calibration Blank (0J06010-CCB6)											
Prepared & Analyzed: 05-Oct-20											
Mercury	0.07	-		ng/L							
Calibration Blank (0J06010-CCB7)											
Prepared & Analyzed: 05-Oct-20											
Mercury	0.14	-		ng/L							
Calibration Blank (0J06010-CCB8)											
Prepared & Analyzed: 05-Oct-20											
Mercury	0.10	-		ng/L							
Calibration Blank (0J06010-CCB9)											
Prepared & Analyzed: 05-Oct-20											
Mercury	0.18	-		ng/L							
Calibration Check (0J06010-CCV1)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.03	-		ng/L	4.9950		101	77-123			
Calibration Check (0J06010-CCV2)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.19	-		ng/L	4.9950		104	77-123			
Calibration Check (0J06010-CCV3)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.32	-		ng/L	4.9950		107	77-123			
Calibration Check (0J06010-CCV4)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.17	-		ng/L	4.9950		104	77-123			
Calibration Check (0J06010-CCV5)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.25	-		ng/L	4.9950		105	77-123			
Calibration Check (0J06010-CCV6)											
Prepared & Analyzed: 05-Oct-20											
Mercury	5.39	-		ng/L	4.9950		108	77-123			

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J06010 - F009416

Calibration Check (0J06010-CCV7)					Prepared & Analyzed: 05-Oct-20						
Mercury	5.27	-		ng/L	4.9950		106	77-123			
Calibration Check (0J06010-CCV8)					Prepared & Analyzed: 05-Oct-20						
Mercury	5.65	-		ng/L	4.9950		113	77-123			
Calibration Check (0J06010-CCV9)					Prepared & Analyzed: 05-Oct-20						
Mercury	5.51	-		ng/L	4.9950		110	77-123			
Calibration Check (0J06010-CCVA)					Prepared & Analyzed: 05-Oct-20						
Mercury	5.49	-		ng/L	4.9950		110	77-123			
Instrument Blank (0J06010-IBL1)					Prepared & Analyzed: 05-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J06010-IBL2)					Prepared & Analyzed: 05-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J06010-IBL3)					Prepared & Analyzed: 05-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Initial Cal Blank (0J06010-ICB1)					Prepared & Analyzed: 05-Oct-20						
Mercury	0.12	-		ng/L							
Initial Cal Check (0J06010-ICV1)					Prepared & Analyzed: 05-Oct-20						
Mercury	5.47	-		ng/L	4.9950		110	79-121			

Batch 0J07014 - F009418

Cal Standard (0J07014-CAL1)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.56	-		ng/L	0.50000		111				

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J07014 - F009418											
Cal Standard (0J07014-CAL2)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.97	-		ng/L	1.0000		96.6				
Cal Standard (0J07014-CAL3)					Prepared & Analyzed: 06-Oct-20						
Mercury	5.00	-		ng/L	5.0000		100				
Cal Standard (0J07014-CAL4)					Prepared & Analyzed: 06-Oct-20						
Mercury	19.19	-		ng/L	20.0000		96.0				
Cal Standard (0J07014-CAL5)					Prepared & Analyzed: 06-Oct-20						
Mercury	38.53	-		ng/L	40.0000		96.3				
Calibration Blank (0J07014-CCB1)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.06	-		ng/L							
Calibration Blank (0J07014-CCB2)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.05	-		ng/L							
Calibration Blank (0J07014-CCB3)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.02	-		ng/L							
Calibration Blank (0J07014-CCB4)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.04	-		ng/L							
Calibration Blank (0J07014-CCB6)					Prepared & Analyzed: 06-Oct-20						
Mercury	0.02	-		ng/L							
Calibration Blank (0J07014-CCB7)					Prepared & Analyzed: 06-Oct-20						
Mercury	-0.05	-		ng/L							U




Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J07014 - F009418											
Calibration Blank (0J07014-CCB8)											
Prepared & Analyzed: 06-Oct-20											
Mercury	-0.04	-		ng/L							U
Calibration Blank (0J07014-CCB9)											
Prepared & Analyzed: 06-Oct-20											
Mercury	-0.009	-		ng/L							U
Calibration Blank (0J07014-CCBA)											
Prepared & Analyzed: 06-Oct-20											
Mercury	-0.007	-		ng/L							U
Calibration Check (0J07014-CCV1)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.30	-		ng/L	4.9950		106	77-123			
Calibration Check (0J07014-CCV2)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.40	-		ng/L	4.9950		108	77-123			
Calibration Check (0J07014-CCV3)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.36	-		ng/L	4.9950		107	77-123			
Calibration Check (0J07014-CCV4)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.61	-		ng/L	4.9950		112	77-123			
Calibration Check (0J07014-CCV6)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.53	-		ng/L	4.9950		111	77-123			
Calibration Check (0J07014-CCV7)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.24	-		ng/L	4.9950		105	77-123			
Calibration Check (0J07014-CCV8)											
Prepared & Analyzed: 06-Oct-20											
Mercury	5.26	-		ng/L	4.9950		105	77-123			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J07014 - F009418

Calibration Check (0J07014-CCV9) Prepared & Analyzed: 06-Oct-20

Mercury	5.38	-		ng/L	4.9950		108	77-123			
---------	------	---	--	------	--------	--	-----	--------	--	--	--

Calibration Check (0J07014-CCVA) Prepared & Analyzed: 06-Oct-20

Mercury	5.12	-		ng/L	4.9950		102	77-123			
---------	------	---	--	------	--------	--	-----	--------	--	--	--

Instrument Blank (0J07014-IBL1) Prepared & Analyzed: 06-Oct-20

Mercury	ND	0.09	0.40	ng/L							U
---------	----	------	------	------	--	--	--	--	--	--	---

Instrument Blank (0J07014-IBL2) Prepared & Analyzed: 06-Oct-20

Mercury	ND	0.09	0.40	ng/L							U
---------	----	------	------	------	--	--	--	--	--	--	---

Instrument Blank (0J07014-IBL3) Prepared & Analyzed: 06-Oct-20

Mercury	ND	0.09	0.40	ng/L							U
---------	----	------	------	------	--	--	--	--	--	--	---

Initial Cal Blank (0J07014-ICB1) Prepared & Analyzed: 06-Oct-20

Mercury	0.06	-		ng/L							
---------	------	---	--	------	--	--	--	--	--	--	--

Initial Cal Check (0J07014-ICV1) Prepared & Analyzed: 06-Oct-20

Mercury	5.49	-		ng/L	4.9950		110	79-121			
---------	------	---	--	------	--------	--	-----	--------	--	--	--

Batch 0J08010 - F009421

Cal Standard (0J08010-CAL1) Prepared & Analyzed: 07-Oct-20

Mercury	0.54	-		ng/L	0.50000		108				
---------	------	---	--	------	---------	--	-----	--	--	--	--

Cal Standard (0J08010-CAL2) Prepared & Analyzed: 07-Oct-20

Mercury	1.00	-		ng/L	1.0000		100				
---------	------	---	--	------	--------	--	-----	--	--	--	--



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J08010 - F009421											
Cal Standard (0J08010-CAL3)					Prepared & Analyzed: 07-Oct-20						
Mercury	4.90	-		ng/L	5.0000		98.1				
Cal Standard (0J08010-CAL4)					Prepared & Analyzed: 07-Oct-20						
Mercury	18.82	-		ng/L	20.000		94.1				
Cal Standard (0J08010-CAL5)					Prepared & Analyzed: 07-Oct-20						
Mercury	39.89	-		ng/L	40.000		99.7				
Calibration Blank (0J08010-CCB1)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.01	-		ng/L							U
Calibration Blank (0J08010-CCB2)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.04	-		ng/L							U
Calibration Blank (0J08010-CCB3)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.04	-		ng/L							U
Calibration Blank (0J08010-CCB4)					Prepared & Analyzed: 07-Oct-20						
Mercury	0.02	-		ng/L							
Calibration Blank (0J08010-CCB5)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.01	-		ng/L							U
Calibration Blank (0J08010-CCB6)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.03	-		ng/L							U
Calibration Blank (0J08010-CCB7)					Prepared & Analyzed: 07-Oct-20						
Mercury	-0.02	-		ng/L							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J08010 - F009421											
Calibration Check (0J08010-CCV1)					Prepared & Analyzed: 07-Oct-20						
Mercury	5.20	-		ng/L	4.9950		104	77-123			
Calibration Check (0J08010-CCV2)					Prepared & Analyzed: 07-Oct-20						
Mercury	5.18	-		ng/L	4.9950		104	77-123			
Calibration Check (0J08010-CCV3)					Prepared & Analyzed: 07-Oct-20						
Mercury	5.06	-		ng/L	4.9950		101	77-123			
Calibration Check (0J08010-CCV4)					Prepared & Analyzed: 07-Oct-20						
Mercury	4.85	-		ng/L	4.9950		97.0	77-123			
Calibration Check (0J08010-CCV5)					Prepared & Analyzed: 07-Oct-20						
Mercury	4.83	-		ng/L	4.9950		96.7	77-123			
Calibration Check (0J08010-CCV6)					Prepared & Analyzed: 07-Oct-20						
Mercury	4.66	-		ng/L	4.9950		93.2	77-123			
Calibration Check (0J08010-CCV7)					Prepared & Analyzed: 07-Oct-20						
Mercury	4.74	-		ng/L	4.9950		94.8	77-123			
Instrument Blank (0J08010-IBL1)					Prepared & Analyzed: 07-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J08010-IBL2)					Prepared & Analyzed: 07-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J08010-IBL3)					Prepared & Analyzed: 07-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J08010 - F009421											
Initial Cal Blank (0J08010-ICB1)											
Prepared & Analyzed: 07-Oct-20											
Mercury	0.07	-		ng/L							
Initial Cal Check (0J08010-ICV1)											
Prepared & Analyzed: 07-Oct-20											
Mercury	5.36	-		ng/L	4.9950		107	79-121			
Batch 0J12009 - F009422											
Cal Standard (0J12009-CAL1)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.55	-		ng/L	0.50000		109				
Cal Standard (0J12009-CAL2)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.96	-		ng/L	1.0000		95.8				
Cal Standard (0J12009-CAL3)											
Prepared & Analyzed: 09-Oct-20											
Mercury	4.98	-		ng/L	5.0000		99.6				
Cal Standard (0J12009-CAL4)											
Prepared & Analyzed: 09-Oct-20											
Mercury	19.41	-		ng/L	20.000		97.1				
Cal Standard (0J12009-CAL5)											
Prepared & Analyzed: 09-Oct-20											
Mercury	39.34	-		ng/L	40.000		98.4				
Calibration Blank (0J12009-CCB1)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.02	-		ng/L							
Calibration Blank (0J12009-CCB2)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.05	-		ng/L							





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J12009 - F009422											
Calibration Blank (0J12009-CCB3)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.09	-		ng/L							
Calibration Blank (0J12009-CCB4)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.06	-		ng/L							
Calibration Blank (0J12009-CCB5)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.06	-		ng/L							
Calibration Blank (0J12009-CCB6)											
Prepared & Analyzed: 09-Oct-20											
Mercury	0.04	-		ng/L							
Calibration Check (0J12009-CCV1)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.15	-		ng/L	4.9950		103	77-123			
Calibration Check (0J12009-CCV2)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.15	-		ng/L	4.9950		103	77-123			
Calibration Check (0J12009-CCV3)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.36	-		ng/L	4.9950		107	77-123			
Calibration Check (0J12009-CCV4)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.55	-		ng/L	4.9950		111	77-123			
Calibration Check (0J12009-CCV5)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.45	-		ng/L	4.9950		109	77-123			
Calibration Check (0J12009-CCV6)											
Prepared & Analyzed: 09-Oct-20											
Mercury	5.23	-		ng/L	4.9950		105	77-123			

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J12009 - F009422

Instrument Blank (0J12009-IBL1)				Prepared & Analyzed: 09-Oct-20							
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J12009-IBL2)				Prepared & Analyzed: 09-Oct-20							
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J12009-IBL3)				Prepared & Analyzed: 09-Oct-20							
Mercury	ND	0.09	0.40	ng/L							U
Initial Cal Blank (0J12009-ICB1)				Prepared & Analyzed: 09-Oct-20							
Mercury	0.13	-		ng/L							
Initial Cal Check (0J12009-ICV1)				Prepared & Analyzed: 09-Oct-20							
Mercury	5.46	-		ng/L	4.9950		109	79-121			

Batch 0J13018 - F009416

Cal Standard (0J13018-CAL1)				Prepared & Analyzed: 12-Oct-20							
Mercury	0.56	-		ng/L	0.50000		111				
Cal Standard (0J13018-CAL2)				Prepared & Analyzed: 12-Oct-20							
Mercury	0.97	-		ng/L	1.0000		97.1				
Cal Standard (0J13018-CAL3)				Prepared & Analyzed: 12-Oct-20							
Mercury	4.89	-		ng/L	5.0000		97.7				
Cal Standard (0J13018-CAL4)				Prepared & Analyzed: 12-Oct-20							
Mercury	19.42	-		ng/L	20.000		97.1				



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13018 - F009416											
Cal Standard (0J13018-CAL5)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	38.73	-		ng/L	40.000		96.8				
Calibration Blank (0J13018-CCB1)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	-0.02	-		ng/L							U
Calibration Blank (0J13018-CCB2)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	-0.01	-		ng/L							U
Calibration Blank (0J13018-CCB3)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	0.10	-		ng/L							
Calibration Blank (0J13018-CCB4)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	0.08	-		ng/L							
Calibration Blank (0J13018-CCB5)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	-0.04	-		ng/L							U
Calibration Check (0J13018-CCV1)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	4.98	-		ng/L	4.9950		99.7	77-123			
Calibration Check (0J13018-CCV2)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	4.82	-		ng/L	4.9950		96.5	77-123			
Calibration Check (0J13018-CCV3)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	5.16	-		ng/L	4.9950		103	77-123			
Calibration Check (0J13018-CCV4)											
						Prepared & Analyzed: 12-Oct-20					
Mercury	5.04	-		ng/L	4.9950		101	77-123			



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J13018 - F009416											
Calibration Check (0J13018-CCV5)					Prepared & Analyzed: 12-Oct-20						
Mercury	4.70	-		ng/L	4.9950		94.0	77-123			
Instrument Blank (0J13018-IBL1)					Prepared & Analyzed: 12-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J13018-IBL2)					Prepared & Analyzed: 12-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Instrument Blank (0J13018-IBL3)					Prepared & Analyzed: 12-Oct-20						
Mercury	ND	0.09	0.40	ng/L							U
Initial Cal Blank (0J13018-ICB1)					Prepared & Analyzed: 12-Oct-20						
Mercury	0.08	-		ng/L							
Initial Cal Check (0J13018-ICV1)					Prepared & Analyzed: 12-Oct-20						
Mercury	5.39	-		ng/L	4.9950		108	79-121			
Batch F009416 - EFGS SOP14801 EPA 7474 Preparation											
Blank (F009416-BLK1)					Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009416-BLK3)					Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009416-BLK4)					Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009416 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009416-BLK5) Prepared: 28-Sep-20 Analyzed: 05-Oct-20

Mercury	ND	0.91	4.00	ng/g wet							U
---------	----	------	------	----------	--	--	--	--	--	--	---

Blank (F009416-BLK6) Prepared: 28-Sep-20 Analyzed: 12-Oct-20

Mercury	ND	0.91	4.00	ng/g wet							U
---------	----	------	------	----------	--	--	--	--	--	--	---

LCS (F009416-BS1) Prepared: 28-Sep-20 Analyzed: 05-Oct-20

Mercury	71.67	0.91	4.00	ng/g wet	79.920		89.7	75-125			
---------	-------	------	------	----------	--------	--	------	--------	--	--	--

LCS Dup (F009416-BSD1) Prepared: 28-Sep-20 Analyzed: 05-Oct-20

Mercury	74.48	0.91	4.00	ng/g wet	79.920		93.2	75-125	3.84	24	
---------	-------	------	------	----------	--------	--	------	--------	------	----	--

Matrix Spike (F009416-MS3) Source: 0100073-18RE1 Prepared: 28-Sep-20 Analyzed: 12-Oct-20

Mercury	3136	94.3	417	ng/g dry	2605.2	823.8	88.8	71-125			
---------	------	------	-----	----------	--------	-------	------	--------	--	--	--

Matrix Spike (F009416-MS4) Source: 0100073-19RE1 Prepared: 28-Sep-20 Analyzed: 12-Oct-20

Mercury	2739	89.8	397	ng/g dry	2479.6	914.6	73.6	71-125			QM-07
---------	------	------	-----	----------	--------	-------	------	--------	--	--	-------

Matrix Spike Dup (F009416-MSD4) Source: 0100073-19RE1 Prepared: 28-Sep-20 Analyzed: 12-Oct-20

Mercury	2603	88.3	390	ng/g dry	2437.4	914.6	69.3	71-125	5.98	24	QR-07
---------	------	------	-----	----------	--------	-------	------	--------	------	----	-------

Batch F009417 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009417-BLK1) Prepared: 29-Sep-20 Analyzed: 05-Oct-20

Mercury	ND	0.91	4.00	ng/g wet							U
---------	----	------	------	----------	--	--	--	--	--	--	---

Blank (F009417-BLK2) Prepared: 29-Sep-20 Analyzed: 05-Oct-20

Mercury	ND	0.91	4.00	ng/g wet							U
---------	----	------	------	----------	--	--	--	--	--	--	---



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch F009417 - EFGS SOP14801 EPA 7474 Preparation											
Blank (F009417-BLK3) Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	ND	0.91	4.00	ng/g wet							U
LCS (F009417-BS1) Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	75.42	0.91	4.00	ng/g wet	79.920		94.4	75-125			
LCS Dup (F009417-BSD1) Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	76.36	0.91	4.00	ng/g wet	79.920		95.5	75-125	1.24	24	
Matrix Spike (F009417-MS1) Source: 0100073-36 Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	3271	102	451	ng/g dry	2820.2	668.7	92.3	71-125			
Matrix Spike (F009417-MS2) Source: 0100073-37 Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	3235	104	459	ng/g dry	2866.6	786.4	85.4	71-125			
Matrix Spike Dup (F009417-MSD1) Source: 0100073-36 Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	2991	104	459	ng/g dry	2868.9	668.7	80.9	71-125	13.1	24	
Matrix Spike Dup (F009417-MSD2) Source: 0100073-37 Prepared: 29-Sep-20 Analyzed: 05-Oct-20											
Mercury	3246	106	470	ng/g dry	2939.4	786.4	83.7	71-125	2.05	24	
Batch F009418 - EFGS SOP14801 EPA 7474 Preparation											
Blank (F009418-BLK1) Prepared: 29-Sep-20 Analyzed: 06-Oct-20											
Mercury	1.04	0.91	4.00	ng/g wet							J
Blank (F009418-BLK2) Prepared: 29-Sep-20 Analyzed: 06-Oct-20											
Mercury	ND	0.91	4.00	ng/g wet							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009418 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009418-BLK3)											
Prepared: 29-Sep-20 Analyzed: 06-Oct-20											
Mercury	1.43	0.91	4.00	ng/g wet							J
Blank (F009418-BLK4)											
Prepared: 29-Sep-20 Analyzed: 12-Oct-20											
Mercury	ND	0.91	4.00	ng/g wet							U
LCS (F009418-BS2)											
Prepared: 29-Sep-20 Analyzed: 12-Oct-20											
Mercury	154.7	1.81	8.00	ng/g wet	162.44		95.3	75-125			
LCS Dup (F009418-BSD2)											
Prepared: 29-Sep-20 Analyzed: 12-Oct-20											
Mercury	169.2	1.81	8.00	ng/g wet	162.44		104	75-125	8.91	24	
Matrix Spike (F009418-MS1)											
Source: 0100073-42 Prepared: 29-Sep-20 Analyzed: 06-Oct-20											
Mercury	4713	88.5	391	ng/g dry	4455.2	876.1	86.1	71-125			
Matrix Spike Dup (F009418-MSD1)											
Source: 0100073-42 Prepared: 29-Sep-20 Analyzed: 06-Oct-20											
Mercury	4918	87.1	385	ng/g dry	4383.5	876.1	92.2	71-125	6.83	24	

Batch F009419 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009419-BLK1)											
Prepared: 30-Sep-20 Analyzed: 06-Oct-20											
Mercury	1.16	0.91	4.00	ng/g wet							J
Blank (F009419-BLK2)											
Prepared: 30-Sep-20 Analyzed: 06-Oct-20											
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009419-BLK3)											
Prepared: 30-Sep-20 Analyzed: 06-Oct-20											
Mercury	ND	0.91	4.00	ng/g wet							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009419 - EFGS SOP14801 EPA 7474 Preparation

LCS (F009419-BS2)					Prepared: 30-Sep-20 Analyzed: 12-Oct-20						
Mercury	151.9	1.81	8.00	ng/g wet	162.44		93.5	75-125			
LCS Dup (F009419-BS2)					Prepared: 30-Sep-20 Analyzed: 12-Oct-20						
Mercury	138.7	1.81	8.00	ng/g wet	162.44		85.4	75-125	9.10	24	
Matrix Spike (F009419-MS1)					Source: 0100073-61		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	11960	223	984	ng/g dry	11202	686.9	101	71-125			
Matrix Spike (F009419-MS2)					Source: 0100073-67		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	5083	104	458	ng/g dry	5211.7	968.3	78.9	71-125			
Matrix Spike Dup (F009419-MSD1)					Source: 0100073-61		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	6863	222	982	ng/g dry	11178	686.9	55.3	71-125	58.2	24	QM-07
Matrix Spike Dup (F009419-MSD2)					Source: 0100073-67		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	5942	107	475	ng/g dry	5407.1	968.3	92.0	71-125	15.2	24	

Batch F009420 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009420-BLK1)					Prepared: 30-Sep-20 Analyzed: 06-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009420-BLK2)					Prepared: 30-Sep-20 Analyzed: 06-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009420-BLK3)					Prepared: 30-Sep-20 Analyzed: 06-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009420 - EFGS SOP14801 EPA 7474 Preparation

LCS (F009420-BS1)					Prepared: 30-Sep-20 Analyzed: 06-Oct-20						
Mercury	123.2	1.81	8.00	ng/g wet	162.44		75.8	75-125			
LCS Dup (F009420-BS1)					Prepared: 30-Sep-20 Analyzed: 06-Oct-20						
Mercury	137.1	1.81	8.00	ng/g wet	162.44		84.4	75-125	10.7	24	
Matrix Spike (F009420-MS1)					Source: 0100073-82		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	3364	89.1	394	ng/g dry	4481.1	749.5	58.3	71-125			QM-07
Matrix Spike (F009420-MS2)					Source: 0100073-83		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	3340	84.4	373	ng/g dry	4246.2	1061	53.7	71-125			QM-07
Matrix Spike Dup (F009420-MSD1)					Source: 0100073-82		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	3069	91.6	405	ng/g dry	4608.5	749.5	50.3	71-125	14.7	24	QM-07
Matrix Spike Dup (F009420-MSD2)					Source: 0100073-83		Prepared: 30-Sep-20 Analyzed: 06-Oct-20				
Mercury	3409	82.5	364	ng/g dry	4149.9	1061	56.6	71-125	5.28	24	QM-07

Batch F009421 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009421-BLK1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	1.22	0.91	4.00	ng/g wet							J
Blank (F009421-BLK2)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	3.38	0.91	4.00	ng/g wet							J
Blank (F009421-BLK3)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009421 - EFGS SOP14801 EPA 7474 Preparation

LCS (F009421-BS1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	154.6	1.81	8.00	ng/g wet	162.44		95.1	75-125			
LCS Dup (F009421-BSD1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	145.7	1.81	8.00	ng/g wet	162.44		89.7	75-125	5.91	24	
Matrix Spike (F009421-MS1)					Source: 0100073-AC		Prepared: 01-Oct-20 Analyzed: 07-Oct-20				
Mercury	4324	75.2	332	ng/g dry	3782.0	242.2	108	71-125			
Matrix Spike (F009421-MS2)					Source: 0100073-AD		Prepared: 01-Oct-20 Analyzed: 07-Oct-20				
Mercury	3141	77.3	341	ng/g dry	3887.0	109.8	78.0	71-125			
Matrix Spike Dup (F009421-MSD1)					Source: 0100073-AC		Prepared: 01-Oct-20 Analyzed: 07-Oct-20				
Mercury	3444	74.7	330	ng/g dry	3760.9	242.2	85.1	71-125	23.6	24	
Matrix Spike Dup (F009421-MSD2)					Source: 0100073-AD		Prepared: 01-Oct-20 Analyzed: 07-Oct-20				
Mercury	3324	76.7	339	ng/g dry	3859.0	109.8	83.3	71-125	6.58	24	

Batch F009422 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009422-BLK1)					Prepared: 01-Oct-20 Analyzed: 09-Oct-20						
Mercury	1.62	0.91	4.00	ng/g wet							J
Blank (F009422-BLK2)					Prepared: 01-Oct-20 Analyzed: 09-Oct-20						
Mercury	1.16	0.91	4.00	ng/g wet							J
Blank (F009422-BLK3)					Prepared: 01-Oct-20 Analyzed: 09-Oct-20						
Mercury	5.92	0.91	4.00	ng/g wet							QB-01, QB-02

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009422 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009422-BLK4)					Prepared: 01-Oct-20 Analyzed: 12-Oct-20						
Mercury	5.54	0.91	4.00	ng/g wet							QB-01, QB-02
LCS (F009422-BS1)					Prepared: 01-Oct-20 Analyzed: 09-Oct-20						
Mercury	123.8	1.81	8.00	ng/g wet	162.44		76.2	75-125			
LCS Dup (F009422-BSD1)					Prepared: 01-Oct-20 Analyzed: 09-Oct-20						
Mercury	139.4	1.81	8.00	ng/g wet	162.44		85.8	75-125	11.8	24	
Matrix Spike (F009422-MS1)					Source: 0I00073-AX		Prepared: 01-Oct-20 Analyzed: 09-Oct-20				
Mercury	4595	87.2	385	ng/g dry	4389.1	750.6	87.6	71-125			
Matrix Spike (F009422-MS3)					Source: 0I00073-AYRE1		Prepared: 01-Oct-20 Analyzed: 12-Oct-20				
Mercury	4003	87.0	385	ng/g dry	4378.9	1738	51.7	71-125			QM-07
Matrix Spike Dup (F009422-MSD1)					Source: 0I00073-AX		Prepared: 01-Oct-20 Analyzed: 09-Oct-20				
Mercury	4267	88.3	390	ng/g dry	4440.3	750.6	79.2	71-125	10.1	24	
Matrix Spike Dup (F009422-MSD3)					Source: 0I00073-AYRE1		Prepared: 01-Oct-20 Analyzed: 12-Oct-20				
Mercury	4209	85.8	379	ng/g dry	4318.5	1738	57.2	71-125	10.1	24	QM-07

Batch F009442 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009442-BLK1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
Blank (F009442-BLK2)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009442 - EFGS SOP14801 EPA 7474 Preparation

Blank (F009442-BLK3)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	ND	0.91	4.00	ng/g wet							U
LCS (F009442-BS1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	150.2	1.81	8.00	ng/g wet	162.44		92.5	75-125			
LCS Dup (F009442-BSD1)					Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	145.3	1.81	8.00	ng/g wet	162.44		89.4	75-125	3.34	24	
Matrix Spike (F009442-MS1)					Source: 0100073-03 Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	4205	83.8	370	ng/g dry	4216.7	1117	73.2	71-125			
Matrix Spike (F009442-MS2)					Source: 0100073-41 Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	4468	90.2	398	ng/g dry	4537.2	724.8	82.5	71-125			
Matrix Spike Dup (F009442-MSD1)					Source: 0100073-03 Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	4264	80.1	354	ng/g dry	4029.0	1117	78.1	71-125	6.44	24	
Matrix Spike Dup (F009442-MSD2)					Source: 0100073-41 Prepared: 01-Oct-20 Analyzed: 07-Oct-20						
Mercury	4563	90.8	401	ng/g dry	4567.6	724.8	84.0	71-125	1.86	24	

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009429 - EFGS SOP5133 Solids Analysis

Duplicate (F009429-DUP1)		Source: 0I00073-18			Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
% Solids	38.0	0.1	0.1	% by Weight		38.3			0.786	10	O-04
Duplicate (F009429-DUP2)		Source: 0I00073-19			Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
% Solids	38.4	0.1	0.1	% by Weight		39.2			2.06	10	O-04

Batch F009430 - EFGS SOP5133 Solids Analysis

Duplicate (F009430-DUP1)		Source: 0I00073-36			Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
% Solids	35.5	0.1	0.1	% by Weight		34.6			2.57	10	
Duplicate (F009430-DUP2)		Source: 0I00073-37			Prepared: 28-Sep-20 Analyzed: 05-Oct-20						
% Solids	33.8	0.1	0.1	% by Weight		34.0			0.590	10	


Batch F009431 - EFGS SOP5133 Solids Analysis

Duplicate (F009431-DUP1)		Source: 0I00073-41			Prepared: 25-Sep-20 Analyzed: 05-Oct-20						
% Solids	40.0	0.1	0.1	% by Weight		39.2			2.02	10	
Duplicate (F009431-DUP2)		Source: 0I00073-42			Prepared: 25-Sep-20 Analyzed: 05-Oct-20						
% Solids	41.4	0.1	0.1	% by Weight		40.3			2.69	10	

Batch F009432 - EFGS SOP5133 Solids Analysis

Duplicate (F009432-DUP1)		Source: 0I00073-61			Prepared: 01-Oct-20 Analyzed: 05-Oct-20						
% Solids	16.5	0.1	0.1	% by Weight		16.2			1.83	10	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009432 - EFGS SOP5133 Solids Analysis

Duplicate (F009432-DUP2)		Source: 0I00073-67			Prepared: 01-Oct-20 Analyzed: 05-Oct-20						
% Solids	34.0	0.1	0.1	% by Weight		32.9			3.29	10	

Batch F009433 - EFGS SOP5133 Solids Analysis

Duplicate (F009433-DUP1)		Source: 0I00073-82			Prepared: 25-Sep-20 Analyzed: 20-Oct-20						
% Solids	41.6	0.1	0.1	% by Weight		39.3			5.69	10	O-04

Duplicate (F009433-DUP2)		Source: 0I00073-83			Prepared: 25-Sep-20 Analyzed: 20-Oct-20						
% Solids	40.7	0.1	0.1	% by Weight		42.2			3.62	10	O-04

Batch F009434 - EFGS SOP5133 Solids Analysis

Duplicate (F009434-DUP1)		Source: 0I00073-AC			Prepared: 01-Oct-20 Analyzed: 05-Oct-20						
% Solids	46.7	0.1	0.1	% by Weight		46.6			0.214	10	

Duplicate (F009434-DUP2)		Source: 0I00073-AF			Prepared: 01-Oct-20 Analyzed: 05-Oct-20						
% Solids	39.3	0.1	0.1	% by Weight		39.4			0.254	10	

Batch F009435 - EFGS SOP5133 Solids Analysis

Duplicate (F009435-DUP1)		Source: 0I00073-AX			Prepared: 25-Sep-20 Analyzed: 01-Oct-20						
% Solids	39.6	0.1	0.1	% by Weight		39.9			0.755	10	

Duplicate (F009435-DUP2)		Source: 0I00073-AY			Prepared: 25-Sep-20 Analyzed: 01-Oct-20						
% Solids	41.0	0.1	0.1	% by Weight		41.6			1.45	10	





Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: 3617207486.03 Project Manager: Denise King	Reported: 24-Nov-20 11:00
--	---	-------------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009441 - EFGS SOP5133 Solids Analysis

Duplicate (F009441-DUP1)		Source: 0I00073-48			Prepared: 01-Oct-20 Analyzed: 05-Oct-20						
% Solids	96.7	0.1	0.1	% by Weight		95.6			1.14	10	

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: 3617207486.03
Project Manager: Denise King

Reported:
24-Nov-20 11:00

Notes and Definitions

- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- QR-09 MS/MSD and/or MD/MT RPD or RSD greater than the control limits due to a non-homogenous sample matrix. Batch QC acceptable based on LCS/LCSD RPD.
- QR-07 The RPD/RSD value for the matrix duplicate/triplicate was outside of acceptance limits. Batch QC acceptable based on MS/MSD and/or LCS/LCSD RPD values within control limits.
- QM-12 Continuing calibration verification (CCV) and/or blank spike/blank spike duplicate (BS/BSD) recoveries above upper control limits. All reported sample concentrations were below the reporting limit.
- QM-07 The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on LCS and LCSD recoveries within control limits and, when analysis permits, acceptable AS/ASD.
- QM-05 The spike recovery was outside acceptance limits for the MS/MSD and or AS/ASD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- QB-02 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the sample concentrations are less than the MRL.
- QB-01 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the blank concentration(s) are less than 10% of the sample result.
- O-04 This sample was analyzed outside of the recommended holding time.
- J The result is an estimated concentration.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



0J05019

0J05021

ANALYSIS SEQUENCE

0J05020



QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: *PGS* Analyzed: 10/1/2020

Instrument: Hg2700-1 Attached

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J05020-IBL1	QC	1			
0J05020-CAL1	QC	2	2002026		
0J05020-CAL2	QC	3	2002027		
0J05020-CAL3	QC	4	2002028		
0J05020-CAL4	QC	5	2002029		
0J05020-CAL5	QC	6	2002030		
0J05020-ICV1	QC	7	2001845		
0J05020-ICB1	QC	8			
0J05020-CCV1	QC	9	2001845		
0J05020-CCB1	QC	10			
F009424-BS1	QC	11			
F009424-BSD1	QC	12			
F009425-BS1	QC	13			
F009425-BSD1	QC	14			
F009426-BS1	QC	15			
0J05020-CCV2	QC	16	2001845		
0J05020-CCB2	QC	17			
F009427-BS1	QC	18			
F009427-BSD1	QC	19			
F009428-BS1	QC	20			
0J05020-CCV3	QC	21	2001845		
0J05020-CCB3	QC	22			
F009424-BS2	QC	23			
F009424-BSD2	QC	24			
F009425-BS2	QC	25			
F009425-BSD2	QC	26			
F009426-BS2	QC	27			
F009426-BSD2	QC	28			
0J05020-CCV4	QC	29	2001845		
0J05020-CCB4	QC	30			
F009428-BSD1	QC	31			
F009424-BLK1	QC	32			
F009424-BLK2	QC	33			
F009424-BLK3	QC	34			
F009424-BLK4	QC	35			
F009424-BLK5	QC	36			

Instrument: Hg2700-1

Analyzed: 10/1/2020

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
F009424-BLK6	QC	37			
F009424-BLK7	QC	38			
F009425-BLK2	QC	39			
0J05020-CCV5	QC	40	2001845		
0J05020-CCB5	QC	41			
F009425-BLK3	QC	42			
F009426-BLK1	QC	43			
F009426-BLK2	QC	44			
F009426-BLK3	QC	45			
F009427-BLK1	QC	46			
0J05020-CCV6	QC	47	2001845		
0J05020-CCB6	QC	48			
0I00073-18	MHg-CVAFS-T-KOH	49			BatchQC
0I00073-18	MHg-CVAFS-S-KOH	50			
F009424-MS1	QC	51			
F009424-MSD1	QC	52			
0I00072-01	MHg-CVAFS-T-KOH	53			
0I00072-01	MHg-CVAFS-S-KOH	54			BatchQC
F009424-MS2	QC	55			
F009424-MSD2	QC	56			
0I00073-36	MHg-CVAFS-S-KOH	57			
F009425-MS1	QC	58			
F009425-MSD1	QC	59			
0I00073-25	MHg-CVAFS-S-KOH	60			
0J05020-CCV7	QC	61	2001845		
0J05020-CCB7	QC	62			
F009425-MS2	QC	63			
F009425-MSD2	QC	64			
0I00073-67	MHg-CVAFS-S-KOH	65			
F009426-MS1	QC	66			
F009426-MSD1	QC	67			
0I00073-56	MHg-CVAFS-S-KOH	68			
F009426-MS2	QC	69			
F009426-MSD2	QC	70			
0I00073-86	MHg-CVAFS-S-KOH	71			
F009427-MS1	QC	72			

Instrument: Hg2700-1

Analyzed: 10/1/2020

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J05020-CCV8	QC	73	2001845		
0J05020-CCB8	QC	74			
F009427-MSD1	QC	75			
0I00073-87	MHg-CVAFS-S-KOH	76			
F009427-MS2	QC	77			
F009427-MSD2	QC	78			
0I00073-AX	MHg-CVAFS-S-KOH-Nutra	79			BatchQC
0I00073-AX	MHg-CVAFS-S-KOH	80			
F009428-MS1	QC	81			
F009428-MSD1	QC	82			
0I00084-01	MHg-CVAFS-S-KOH-Nutra	83			
0I00084-01	MHg-CVAFS-S-KOH	84			BatchQC
F009428-MS2	QC	85			
F009428-MSD2	QC	86			
0J05020-CCV9	QC	87	2001845		
0J05020-CCB9	QC	88			
0I00051-01	MHg-CVAFS-T-KOH	89			Scan all data for level IV report
0I00072-02	MHg-CVAFS-T-KOH	90			
0I00073-01	MHg-CVAFS-S-KOH	91			
0I00073-02	MHg-CVAFS-S-KOH	92			
0I00073-04	MHg-CVAFS-S-KOH	93			
0I00073-05	MHg-CVAFS-S-KOH	94			
0I00073-08	MHg-CVAFS-S-KOH	95			
0I00073-09	MHg-CVAFS-S-KOH	96			
0I00073-11	MHg-CVAFS-S-KOH	97			
0I00073-12	MHg-CVAFS-S-KOH	98			
0J05020-CCVA	QC	99	2001845		
0J05020-CCBA	QC	100			
0I00073-14	MHg-CVAFS-S-KOH	101			
0I00073-15	MHg-CVAFS-S-KOH	102			
0I00073-17	MHg-CVAFS-S-KOH	103			
0I00073-20	MHg-CVAFS-S-KOH	104			
0I00073-21	MHg-CVAFS-S-KOH	105			
0I00073-23	MHg-CVAFS-S-KOH	106			
0I00073-24	MHg-CVAFS-S-KOH	107			
0I00076-01	MHg-CVAFS-T-KOH	108			Scan all data for level IV report

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Analyzed: 10/1/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-26	MHg-CVAFS-S-KOH	109			
0I00073-29	MHg-CVAFS-S-KOH	110			
0J05020-CCVB	QC	111	2001845		
0J05020-CCBB	QC	112			
0I00073-30	MHg-CVAFS-S-KOH	113			
0I00073-32	MHg-CVAFS-S-KOH	114			
0I00073-33	MHg-CVAFS-S-KOH	115			
0I00073-35	MHg-CVAFS-S-KOH	116			
0I00073-38	MHg-CVAFS-S-KOH	117			
0I00073-39	MHg-CVAFS-S-KOH	118			
0I00073-40	MHg-CVAFS-S-KOH	119			
0I00073-41	MHg-CVAFS-S-KOH	120			
0I00073-43	MHg-CVAFS-S-KOH	121			
0I00073-44	MHg-CVAFS-S-KOH	122			
0J05020-CCVC	QC	123	2001845		
0J05020-CCBC	QC	124			
0I00073-45	MHg-CVAFS-S-KOH	125			
0I00073-51	MHg-CVAFS-S-KOH	126			
0I00073-52	MHg-CVAFS-S-KOH	127			
0I00073-53	MHg-CVAFS-S-KOH	128			
F009425-BLK1	QC	129			
F009427-BLK2	QC	130			
F009427-BLK3	QC	131			
F009428-BLK1	QC	132			
F009428-BLK2	QC	133			
F009428-BLK3	QC	134			
0J05020-CCVD	QC	135	2001845		
0J05020-CCBD	QC	136			
0J05020-CCVE	QC	137	2001845		
0J05020-CCBE	QC	138			
0J05020-CCVF	QC	139	2001845		
0J05020-CCBF	QC	140			
0J05020-CCVG	QC	141	2001845		
0J05020-CCBG	QC	142			
0J05020-CCVH	QC	143	2001845		
0J05020-CCBH	QC	144			

Instrument: Hg2700-1

Analyzed: 10/1/2020

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J05020-CCVI	QC	145	2001845		
0J05020-CCBI	QC	146			
0I00073-57	MHg-CVAFS-S-KOH	147			
0I00073-59	MHg-CVAFS-S-KOH	148			
0I00073-60	MHg-CVAFS-S-KOH	149			
0I00073-63	MHg-CVAFS-S-KOH	150			
0I00073-64	MHg-CVAFS-S-KOH	151			
0I00073-66	MHg-CVAFS-S-KOH	152			
0I00073-69	MHg-CVAFS-S-KOH	153			
0I00073-70	MHg-CVAFS-S-KOH	154			
0I00073-72	MHg-CVAFS-S-KOH	155			
0I00073-73	MHg-CVAFS-S-KOH	156			
0J05020-CCVJ	QC	157	2001845		
0J05020-CCBJ	QC	158			
0I00073-74	MHg-CVAFS-S-KOH	159			
0I00073-75	MHg-CVAFS-S-KOH	160			
0I00073-78	MHg-CVAFS-S-KOH	161			
0I00073-79	MHg-CVAFS-S-KOH	162			
0I00073-81	MHg-CVAFS-S-KOH	163			
0I00073-82	MHg-CVAFS-S-KOH	164			
0I00073-84	MHg-CVAFS-S-KOH	165			
0I00073-85	MHg-CVAFS-S-KOH	166			
0I00073-90	MHg-CVAFS-S-KOH	167			
0I00073-91	MHg-CVAFS-S-KOH	168			
0J05020-CCVK	QC	169	2001845		
0J05020-CCBK	QC	170			
0I00073-93	MHg-CVAFS-S-KOH	171			
0I00073-94	MHg-CVAFS-S-KOH	172			
0I00073-96	MHg-CVAFS-S-KOH	173			
0I00073-97	MHg-CVAFS-S-KOH	174			
0I00073-98	MHg-CVAFS-S-KOH	175			
0I00073-99	MHg-CVAFS-S-KOH	176			
0I00073-AB	MHg-CVAFS-S-KOH	177			
0I00073-AC	MHg-CVAFS-S-KOH	178			
0I00073-AE	MHg-CVAFS-S-KOH	179			
0I00073-AF	MHg-CVAFS-S-KOH	180			

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Analyzed: 10/1/2021


Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J05020-CCVL	QC	181	2001845		
0J05020-CCBL	QC	182			
0I00073-AH	MHg-CVAFS-S-KOH	183			
0I00073-AI	MHg-CVAFS-S-KOH	184			
0I00073-AK	MHg-CVAFS-S-KOH	185			
0I00073-AL	MHg-CVAFS-S-KOH	186			
0I00073-AM	MHg-CVAFS-S-KOH	187			
0I00073-AO	MHg-CVAFS-S-KOH	188			
0I00073-AP	MHg-CVAFS-S-KOH	189			
0I00073-AR	MHg-CVAFS-S-KOH	190			
0I00073-AS	MHg-CVAFS-S-KOH	191			
0I00073-AU	MHg-CVAFS-S-KOH	192			
0J05020-CCVM	QC	193	2001845		
0J05020-CCBM	QC	194			
0I00073-AV	MHg-CVAFS-S-KOH	195			
0I00073-AZ	MHg-CVAFS-S-KOH	196			
0I00073-BA	MHg-CVAFS-S-KOH	197			
0I00073-BC	MHg-CVAFS-S-KOH	198			
0I00073-BD	MHg-CVAFS-S-KOH	199			
0I00073-BF	MHg-CVAFS-S-KOH	200			
0I00073-BG	MHg-CVAFS-S-KOH	201			
0I00073-BH	MHg-CVAFS-S-KOH	202			
0I00073-BJ	MHg-CVAFS-S-KOH	203			
0I00084-02	MHg-CVAFS-S-KOH-Nutra	204			
0J05020-CCVN	QC	205	2001845		
0J05020-CCBN	QC	206			
0I00084-03	MHg-CVAFS-S-KOH-Nutra	207			
0I00085-01	MHg-CVAFS-S-KOH-Nutra	208			
0I00086-01	MHg-CVAFS-S-KOH-Nutra	209			
0I00099-01	MHg-CVAFS-S-KOH-Nutra	210			
0J05020-CCVO	QC	211	2001845		
0J05020-CCBO	QC	212			
0J05020-CCVP	QC	213	2001845		
0J05020-CCBP	QC	214			
F009425-MS3	QC	215			
F009425-MSD3	QC	216			

Instrument: Hg2700-1

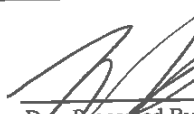
Analyzed: 10/1/2020

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-67RE1	MHg-CVAFS-S-KOH	217			Added 10/5/2020 by ZKH
F009426-MS3	QC	218			
F009426-MSD3	QC	219			
0I00073-56RE1	MHg-CVAFS-S-KOH	220			Added 10/5/2020 by ZKH
0J05020-CCVQ	QC	221	2001845		
0J05020-CCBQ	QC	222			
F009426-MS4	QC	223			
F009426-MSD4	QC	224			
0I00073-86RE1	MHg-CVAFS-S-KOH	225			Added 10/5/2020 by ZKH
F009427-MS3	QC	226			
F009427-MSD3	QC	227			
0I00073-87RE1	MHg-CVAFS-S-KOH	228			Added 10/5/2020 by ZKH
F009427-MS4	QC	229			
F009427-MSD4	QC	230			
F009428-MS3	QC	231			
0J05020-CCVR	QC	232	2001845		
0J05020-CCBR	QC	233			
F009428-MSD5	QC	234			
0I00073-AXRE1	MHg-CVAFS-S-KOH-Nutra	235			Added 10/5/2020 by ZKH
0I00073-AXRE1	MHg-CVAFS-S-KOH	236			Added 10/5/2020 by ZKH
0I00084-01RE1	MHg-CVAFS-S-KOH-Nutra	237			Added 10/5/2020 by ZKH
0I00084-01RE1	MHg-CVAFS-S-KOH	238			Added 10/5/2020 by ZKH
F009428-MS4	QC	239			
F009428-MSD4	QC	240			
0I00084-02RE1	MHg-CVAFS-S-KOH-Nutra	241			Added 10/5/2020 by ZKH
0I00084-03RE1	MHg-CVAFS-S-KOH-Nutra	242			Added 10/5/2020 by ZKH
0J05020-CCVS	QC	243	2001845		
0J05020-CCBS	QC	244			


Samples Loaded By

10/6/2020
Date


Data Processed By

10/6/2020
Date

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J05020
Reviewer: 0	Dataset ID #: MHg27001-201001-1_KOH
Date: 1/7/2020	WO #: several
Batch #(s): several	

Analyst Initials:

ZKH

Reviewer Initials/Date:

PGS

9. ICV % Recoveries 67-133%	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
10. CCV % Recoveries 67-133%	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
11. Are the absolute value of the ICB and CCBs < PQL?	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
12. LCS/LCSD/CRM/BS/BSD % Recoveries (70-130%)	<input checked="" type="checkbox"/> PASS	<input checked="" type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: Foo9428-BSI Failed			
13. LCS/LCSD or BS/BSD RPD (< 25%)	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
14. Water: Average of Preparation Blanks < 0.045 ng/L and standard deviation of 0.015 ng/L?	<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input checked="" type="checkbox"/> N/A
Comments: _____			
15. Sediment/Tissue: Individually, are the Preparation Blanks < PQL for the matrix?	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A
Comments: _____	<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
16. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done)	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
17. Is the correct 'Source' designated for MD/MS/MSD?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
18. For digested preps: was there a spike witness signature & date on the prep bench sheet?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
19. MD RPD/MT RSD(< 35%)	<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: NA			
20. Is there one set of MS/MSD per every 10 samples?	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
21. MS/MSD RPD(< 35%)	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
22. MS (AS) % Recoveries (65-130%)	<input checked="" type="checkbox"/> PASS	<input checked="" type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
23. MSD (ASD) % Recoveries (65-130%)	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			
24. Spiked 1-5X ambient or 1-5X PQL (whichever is higher) (from EPA 1630)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
25. Are all samples within instrument calibration range (or at maximum aliquot size)?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
Comments: _____			
26. For instrumental dilutions, is the dilution factor in excel correct?	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
Is the sample volume, diluents, and final volume of the dilution noted on benchsheet?	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
27. Dissolved < Total metals (if applicable)	<input type="checkbox"/> PASS	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
Comments: _____			
28. Effluent < Influent metals (visually confirm if needed)	<input type="checkbox"/> PASS	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
Comments: _____			

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J05020
Reviewer: 0	Dataset ID #: MHg27001-201001-1_KOH
Date:	WO #: several
Batch #(s): several	

Analyst Initials: ZKH

Reviewer Initials/Date: PGS

29. Are re-runs noted with reason? Comments: _____	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
30. For failing QC (CCV, CCB, PB, BS/BSD, CAL): Was a bubbler and trap test run before the analytical run continued? Comments: _____	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
31. Do re-run results compare to initial analysis (< 35% RPD)? Comments: _____	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
32. Are qualifiers consistent with the data review flowcharts? Comments: _____	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
33. Have non-reportable samples been imported into LIMS and clicked to non-reportable? Comments: _____	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
34. Have re-extracts been created for non-reportable samples? Comments: _____	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
35. Narrations in MMO box in LIMS? Comments: _____	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
36. Are there any HIGH QA projects within the data? If so, place dataset to the QA office.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
37. Does the data set need scanning? <u>Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\DOCs</u>	<input type="checkbox"/> YES		<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
38. Date of analyst IDOC/CDOC: <u>10/3/2020</u> IDOC/CDOC within last 12 months?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/>
39. Date of analyst's SOP reading: <u>10/3/2020</u> Current SOP revision?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/>
40. Date of LOD: <u>8/24/2020</u> LOD within last 3 months (within 12 months for MDN)?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
41. Date of LOQ: <u>8/24/2020</u> LOQ within last 3 months (within 12 months for MDN)?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
42. If MDN samples, date of last MDL study: _____				
43. MDL study within last 12 months? Data can not be reported without a current IDOC/CDOC, LOD or LOQ.	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>
Additional Comments: _____	<input type="checkbox"/> YES	<input type="checkbox"/> NO		<input type="checkbox"/>

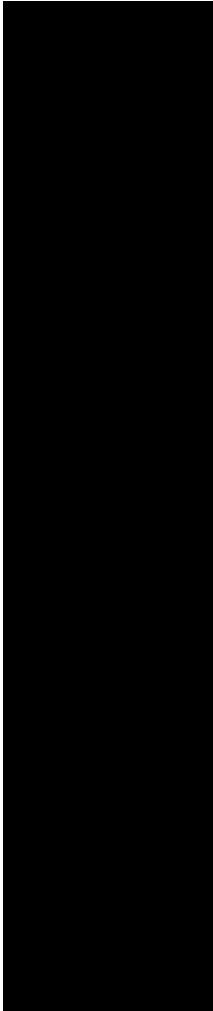
PREPARATION BENCH SHEET

F009424

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/29/2020

0100076-01	OL-3559-01	0.1301	10	-	120303	Pre weight - 85.7167. Post weight - 86.
------------	------------	--------	----	---	--------	---



Sample Preparation Review Checklist

Technician/Date: MFS (prep) 9/28/2020 Samples to lab: NA Batch #: F009424
 Upload/Date: MGS (Data Entry) 10/2/2020 Reviewer/Date: MFS 10/2/20

EFGS Preparation Method			
<input type="checkbox"/>	SOP2836	Oven Digestion (Total Recoverable Metals)	<input type="checkbox"/> ICPMS <input type="checkbox"/> AFS
<input type="checkbox"/>	SOP2837	Tissue Nitric Digestion	<input checked="" type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2840	Modified Aqua Regia	
<input type="checkbox"/>	SOP2820	RP	
<input type="checkbox"/>	SOP2821	HF Bomb Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2825	Nitric Bomb Digestion	<input checked="" type="checkbox"/> ICPMS <input checked="" type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2993	Oven Digestion (As, Se Speciation)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (Nutraceuticals)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (3051)	
<input checked="" type="checkbox"/>	NA Other	EFAFS-T AFS-SOP2086 Tissues - KOH/MeOH MMHg	

Initials	SOP Date	DOC Date
MFS	10/23/2019	10/28/2019

Comments: _____

Conditionally formatted training files located at:
 \\us34file\General and Admin\Quality Assurance\Training\Training Master
 (Contact QA for any problems regarding these training files.)

Analytes: MMHg

	<input type="checkbox"/> YES	<input type="checkbox"/> NO	Reviewer Initials <u>MFS</u>	Tertiary Review <u>ZKH 10/3/20</u>
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If YES, notify supervisor and technician immediately.				
2. Check prep method	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For certicals <u>MFS 10/2/2020</u> : Is correct Hg code being used in LIMS?	<input type="checkbox"/> ICPMS	<input checked="" type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input checked="" type="checkbox"/> < 20	<input type="checkbox"/> < 10	<input type="checkbox"/>	<input type="checkbox"/>
(a) PBs per batch?	<input checked="" type="checkbox"/> 3 PBs	<input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> BS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) BS, BS/BSO or CRM in batch?	<input type="checkbox"/> BS	<input checked="" type="checkbox"/> BS/BSO <input type="checkbox"/> CRM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d) MS/MSD in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc? Document: <u>See Benchsheet</u>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD?	<input type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Special prep requirements?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) Spikes added: NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Spike LIMS ID : NA

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
CRM	1905023	Varies			
MMHg-MS	2002023	100			

PREPARATION BENCH SHEET

F009424

Eurofins Frontier Global Sciences, LLC

1457v
9/29/2020
Prepared: 9/28/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009424-BLK1	Blank	0.25	20					
F009424-BLK2	Blank	0.25	20					
F009424-BLK3	Blank	0.25	20					
F009424-BLK4	Pre-homogenization Blank	0.2612	20					0100073-BN
F009424-BLK5	Post-homogenization blank 9-23-20	0.2547	20					0100073-BO
F009424-BLK6	Filter Blank 0100076-02	0.2563	20					
F009424-BLK7	Filter Blank 0100051-02	0.2629	20					
F009424-BS1	LCS	0.1339	20	1905023	133.9			
F009424-BSD1	LCS Dup	0.1326	20	1905023	132.6			
F009424-MS1	Matrix Spike [0100073-18]	0.2579	20	2002023	100			
F009424-MS2	Matrix Spike [0100072-01]	0.2606	20	2002023	100			
F009424-MSD1	Matrix Spike Dup [0100073-18]	0.2574	20	2002023	100			
F009424-MSD2	Matrix Spike Dup [0100072-01]	0.2685	20	2002023	100			

Standard ID(s):
1905023
2002023

Description:
DORM-4
MHg New Primary 100 ng/mL spike

Expiration:
01-Jun-21 00:00
01-Jun-21 00:00
24-Aug-21 00:00

Reagent ID(s):
2000603
2002050
2002300

Description:
Methanol, HPLC Grade
Boiling Chips for ICPMS
25% KOH/Methanol

Expiration:
31-Oct-24 00:00
20-Feb-21 00:00
28-Mar-21 00:00

PREPARATION BENCH SHEET

F009424

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100051-01	OL-3555-01	0.1133	17.5	-	-	120303	Jar Pre Weight - 86.5787g. Post Weight	Sample depleted MGS 10/02/2020
0100072-01	501-2020-00019933	0.2616	20	-	-	251201	BatchQC	Added for BatchQC in: F009424
0100072-02	501-2020-00019934	0.2695	20	-	-	251201		
0100073-01	ES-02_091620_SED_00-01	0.2561	20	-	-	S&R		
0100073-02	ES-02_091620_SED_01-03	0.2596	20	-	-	S&R		
0100073-04	FRB-02_091520_SED_00-01	0.263	20	-	-	S&R		
0100073-05	FRB-02_091520_SED_01-03	0.2674	20	-	-	S&R		
0100073-08	VN-MU3-GC-1_091620_SED_00-01	0.2609	20	-	-	S&R		
0100073-09	VN-MU3-GC-1_091620_SED_01-03	0.2532	20	-	-	S&R		
0100073-11	ADD-01_091620_SED_00-01	0.2662	20	-	-	S&R		
0100073-12	ADD-01_091620_SED_01-03	0.256	20	-	-	S&R		
0100073-14	ADD-02_091620_SED_00-01	0.2565	20	-	-	S&R		
0100073-15	ADD-02_091620_SED_01-03	0.2545	20	-	-	S&R		
0100073-17	OR-T1-C3_091620_SED_00-01	0.2653	20	-	-	S&R		
0100073-18	OR-T1-C3_091620_SED_01-03	0.2647	20	QC	-	S&R		
0100073-20	OR-T1-C5_091620_SED_00-01	0.271	20	-	-	S&R		
0100073-21	OR-T1-C5_091620_SED_01-03	0.2587	20	-	-	S&R		
0100073-23	BU-01-01_091720_SED_00-01	0.2566	20	-	-	S&R		
0100073-24	BU-01-01_091720_SED_00-01_DUP	0.2594	20	-	-	S&R		

Due Date: 9/29/2020

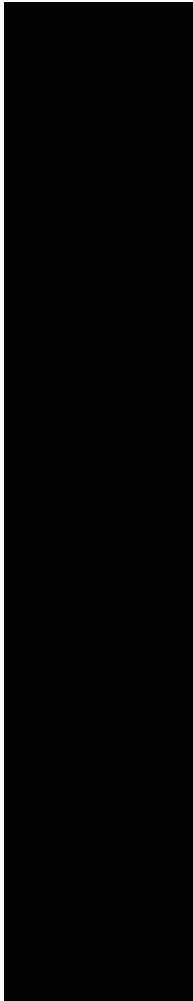
PREPARATION BENCH SHEET

F009424

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/28/2020

0100076-01	OL-3559-01	0.1301	10	-	120303	Pre weight - 85.7167. Post weight - 86.
------------	------------	--------	----	---	--------	---



Technician: MES Batch #: F009474 Date: 2/2/20

- EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A Vial Type: Glass Teflon
 Balance #: 23 Calibrated? Yes No Therm. #: 164500 Calibrated? Yes No
 *Time in: 1457 Actual Temp. (raw): 73.5 °C w/ CF: 74.0 °C *Time in can't begin before target temperature is reached
 Time out: 1724 Actual Temp. (raw): 77.4 °C w/ CF: 75.9 °C

Final vol.: 20 mL (LIMS ID: 2006605) BS Spike vol.: 10 µL (LIMS ID: 1965023)
 Spike Witness: PIA (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2002023)

HCl LIMS ID: PIA Pipette SN#: 1009653 Calibration Date: 9/29/20
 HNO₃ LIMS ID: PIA Pipette SN#: P030588 Calibration Date: 9/29/20
 70/30 LIMS ID: PIA Dispenser #: 19336379 Calibrated? Yes No
 Other Acid LIMS ID: 2002300 (25% KOH (meOH)) Dispenser #: PIA
 Glass Vial # 0007800 Boiling Chip lot # 2002050 *Hotblock Position: D4

Vial #	Sample ID Number	Container ID	Sample Size mL µg	Vial #	Sample ID Number	Container ID	Sample Size mL µg	CRM LIMS ID
1	F009424-BLK1	B	0.2664	19	0500073-0A	A	4.0562	2546 NA 1905023
2	F009424-BLK2	B	0.2657	20	0500073-0A	A	0.2630	
3	F009424-BLK3	B	0.2545	21	0500073-0A	A	0.2674	
4	F009424-BLK4	B	0.2612	22	0500073-0A	A	0.2609	
5	F009424-BLK5	B	0.2547	23	0500073-0A	A	0.2532	
6	F009424-BLK6	B	0.2503	24	0500073-11	A	0.2662	
7	F009424-BLK7	A	0.2608	25	0500073-12	A	0.2560	
8	F009424-B51	01A	0.1339	26	0500073-15	A	0.2565	
9	F009424-B5D	01A	0.1326	27	0500073-17	A	0.2663	
10	0500073-18 (30% MeOH)	A	0.2767	28	0500073-17	A	0.2565	
11	F009424-M61	A	0.2679	29	0500073-17	A	0.2663	
12	F009424-M5D1	A	0.2574	30	0500073-20	A	0.2710	
13	0500072-01	A	0.2616	31	0500073-21	A	0.2587	
14	F009424-M52	A	0.2606	32	0500073-23	A	0.2566	
15	F009424-M5D2	A	0.2685	33	0500073-24	A	0.2594	
16	0500051-01	B	0.1330	34	0500073-16-01	B	0.1301	
17	0500072-02	A	0.2695	35				
18	0500073-01	A	0.2501	36				

Comments: MS 6
 ① F.U. = 10 mL
 ② Sample Depleted
 ③ Vial pulled pre-digest from F009424 and used for M49 digest due to low sample volume.
 Mass in vial = 0.1006g
 0.0295g sample added to vial for fuel sample
 Mass of 0.1301g
 ④ F.U. = 10 µL
 ⑤ F.U. = 12.5 mL Extra 7.5 mL MeOH added at end.
 - MES 01/20

Technician: MFS Batch #: F009474 Date: 2/13/20

- EFAPS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAPS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAPS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAPS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A
 Balance #: 23 Calibrated? Yes No Vial Type: Glass Teflon
 *Time in: _____ Actual Temp. (raw): _____ °C/w/ CF: _____ °C *Time in can't begin before target temperature is reached
 Time out: _____ Actual Temp. (raw): _____ °C/w/ CF: _____ °C

Final vol.: 20 mL (LIMS ID: _____) BS Spike vol.: 1.11 µL (LIMS ID: 1905023)
 Spike Witness: _____ (initial and date) MS Spike vol.: _____ µL (LIMS ID: _____)

HCl LIMS ID: _____ Calibration Date: _____
 HNO₃ LIMS ID: _____ Calibration Date: _____
 70/30 LIMS ID: _____ Calibration Date: _____
 Other Acid LIMS ID: _____ Calibration Date: _____
 Glass Vial # 0007800 Boiling Chip lot # 2002050 *Hotblock Position: _____
 Pipette SN#: _____ Calibration Date: _____
 Dispenser SN#: _____ Calibration Date: _____
 Dispenser #: _____ Calibration Date: _____
 Other Acid LIMS ID: _____ Calibration Date: _____

Vial #	Sample ID Number	Container ID	Sample Size µL / µg	Vial #	Sample ID Number	Container ID	Sample Size µL / µg	CRM LIMS ID	Comments
1	F009424-BLK1	B	0.2664	19	0100073-01	A	0.2664	1905023	
2	F009424-BLK2	B	0.2667	20	0100073-02	A	0.2667	1905023	
3	F009424-BLK3	B	0.2545	21	0100073-03	A	0.2545	1905023	
4	F009424-BLK4	B	0.2612	22	0100073-04	A	0.2612	1905023	
5	F009424-BLK5	B	0.2547	23	0100073-05	A	0.2547	1905023	
6	F009424-BLK6	B	0.2563	24	0100073-06	A	0.2563	1905023	
7	F009424-BLK7	B	0.2667	25	0100073-07	A	0.2667	1905023	
8	F009424-BLK8	B	0.1339	26	0100073-08	A	0.1339	1905023	
9	F009424-BLK9	B	0.1326	27	0100073-09	A	0.1326	1905023	
10	0100073-10 (MSD)	A	0.2264	28	0100073-10	A	0.2264	1905023	
11	F009424-MS1	A	0.2679	29	0100073-11	A	0.2679	1905023	
12	F009424-MS2	A	0.2574	30	0100073-12	A	0.2574	1905023	
13	0100073-01	A	0.2616	31	0100073-13	A	0.2616	1905023	
14	F009424-MS2	A	0.2606	32	0100073-14	A	0.2606	1905023	
15	F009424-MS2	A	0.2685	33	0100073-15	A	0.2685	1905023	
16	0100073-01	B	0.1123	34	0100073-16	B	0.1123	1905023	
17	0100073-02	A	0.2695	35	0100073-17	A	0.2695	1905023	
18	0100073-01	A	0.2561	36	0100073-18	A	0.2561	1905023	

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: MFS (prep) 9/29/2020 Samples to lab: NA Batch #: F009425
 Upload/Date: MGS (Data Entry) 10/2/2020 Reviewer/Date: MFS 10/2/20

- EFGS Preparation Method**
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia
 - SOP2820 RP
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2993 Oven Digestion (As, Se Speciation)
 - SOP5143 Microwave Digestion (Nitrate/Nitrite)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: EFAFS, I-AFS, SOP2086 Tissues - KOH/MGOH MMHg

Initials	SOP Date	DOC Date
MFS	10/23/2019	10/28/2019

Comments: _____

Conditionally formatted training files located at:
 \\us34file\General and Admin\Quality Assurance\Training\Training Master
 (Contact QA for any problems regarding these training files.)

Analytes: MMHg

- | | Reviewer Initials | Tertiary Review |
|--|--|--|
| 1. Is any SOP/DOC expiring within one week of Submission Date?
Data cannot be reported without a current IDOC/CDOC. | <input checked="" type="checkbox"/> YES
<input type="checkbox"/> NO | <input checked="" type="checkbox"/> <u>22H 10/3/20</u> |
| 2. Check prep method
(a) For Ceuticals: Is correct Hg code being used in LIMS? | <input checked="" type="checkbox"/> YES
<input type="checkbox"/> ICPMS <input checked="" type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 4. Check for transcription errors from benchsheet
(a) Check and compare initial and final volumes | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) Check and compare mass | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (d) Have assay logbook copies been attached & avg masses entered? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (e) For re-digests, have e-mails been attached and verified? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | <input checked="" type="checkbox"/> |
| (a) PBs per batch? | <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs | <input checked="" type="checkbox"/> |
| (b) Are pre and post homogenization blanks in batch? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) BS, BS/BSO or CRM in batch? | <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSO <input type="checkbox"/> CRM | <input checked="" type="checkbox"/> |
| (d) MS/MSD in batch? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (e) MD in batch? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (f) Is there at least one duplicate QC source in batch? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (g) Are there any client specific requests, QC requests, etc?
Document: <u>See Spec benchsheet</u> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD? | <input type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 6. Special prep requirements? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A <u>MFS 10/2/20</u> | <input checked="" type="checkbox"/> |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) For all spiking was there a witness? (Initials must be in logbook) | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) Spikes added: | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> |

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : NA

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
CRM	1905023	Varies			
MMHg-MS	2002023	100			

PREPARATION BENCH SHEET

F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: **Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg**

Prepared: 9/29/2020

15175

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009425-BLK1	Blank	0.25	20					
F009425-BLK2	Blank	0.25	20					
F009425-BLK3	Blank	0.25	20					
F009425-BS1	LCS	0.2593	20	1905023	259.3			
F009425-BSD1	LCS Dup	0.2694	20	1905023	269.4			
F009425-MS1	Matrix Spike [0100073-36]	0.2631	20	2002023	100			
F009425-MS2	Matrix Spike [0100073-25]	0.2623	20	2002023	100			
F009425-MSD1	Matrix Spike Dup [0100073-36]	0.2524	20	2002023	100			
F009425-MSD2	Matrix Spike Dup [0100073-25]	0.2564	20	2002023	100			

<u>Standard ID(s):</u> 1905023	<u>Description:</u> DORM-4	<u>Expiration:</u> 01-Jun-21 00:00	<u>Reagent ID(s):</u> 2000603	<u>Description:</u> Methanol, HPLC Grade	<u>Expiration:</u> 31-Oct-24 00:00
2002023	MHg New Primary 100 ng/mL spike	01-Jun-21 00:00	2002050	Boiling Chips for ICPMS	20-Feb-21 00:00
		24-Aug-21 00:00	2002300	25% KOH/Methanol	28-Mar-21 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/29/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-25	BU-01-01_091720_SED_01-03	0.2671	20	-	-	S&R		
0100073-26	BU-01-01_091720_SED_01-03_DUP	0.2576	20	-	-	S&R		
0100073-29	MMSW-C_091720_SED_00-01	0.2557	20	-	-	S&R		
0100073-30	MMSW-C_091720_SED_01-03	0.2607	20	-	-	S&R		
0100073-32	OV-04_091620_SED_00-01	0.2546	20	-	-	S&R		
0100073-33	OV-04_091620_SED_01-03	0.2603	20	-	-	S&R		
0100073-35	OB-01_091720_SED_00-01	0.25	20	-	-	S&R		
0100073-36	OB-01_091720_SED_01-03	0.2599	20	QC	-	S&R		
0100073-38	OR-T1-C1_091720_SED_00-01	0.265	20	-	-	S&R		
0100073-39	OR-T1-C1_091720_SED_00-01_DUP	0.2639	20	-	-	S&R		
0100073-40	OR-T1-C1_091720_SED_01-03	0.2576	20	-	-	S&R		
0100073-41	OR-T1-C1_091720_SED_01-03_DUP	0.2565	20	-	-	S&R		
0100073-43	PBR-28_0917_SED_00-01	0.2621	20	-	-	S&R		
0100073-44	W-17-N_091720_SED_00-01	0.2688	20	-	-	S&R		
0100073-45	W-17-N_091720_SED_01-03	0.2557	20	-	-	S&R		
0100073-51	PBR-28_091720_SED_00-01_DUP	0.2532	20	-	-	S&R		
0100073-52	PBR-28_091720_SED_01-03	0.2575	20	-	-	S&R		
0100073-53	PBR-28_091720_SED_01-03_DUP	0.2579	20	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

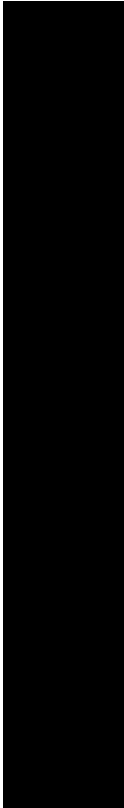
F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/29/2020



Weighed on 09/28/2020

Technician: MUB/SMS Batch#: FC09475 Date: weighed 9/28/20
dissected 9/29/20
 EFAFS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
 EFAFS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
 EFAFS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
 EFAFS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A
 Vial Type: Glass Teflon
 Balance#: 19 Calibrated? Yes No
 Therm.#: 14418012 Calibrated? Yes No
 *Time in: 150 Actual Temp. (raw): 77.5 °C w/ CF: 16.0 °C *Time in can't begin before target temperature is reached
 Time out: 1124 Actual Temp. (raw): 77.9 °C w/ CF: 15.9 °C

Final vol.: 20 mL (LIMS ID: 2000603) BS Spike vol.: N/A µL (LIMS ID: 1905023)
 Spike Witness: 9/28/20 (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2002023)
 HCl LIMS ID: N/A Calibration Date: 9/29/20
 HNO₃ LIMS ID: N/A Calibration Date: 9/28/20
 70/30 LIMS ID: N/A Calibration Date: 9/28/20
 Other Acid LIMS ID: 2002300 Calibration Date: 9/28/20
 Glass Vial # 00078010 Boiling Chip lot # 2002050 *Hotblock Position: D4

Vial #	Sample ID Number	Container ID	Sample Size □ mL <input type="checkbox"/> µg <input checked="" type="checkbox"/>	Vial #	Sample ID Number	Container ID	Sample Size □ mL <input type="checkbox"/> µg <input checked="" type="checkbox"/>	CRM LIMS ID <input type="checkbox"/> NA <input checked="" type="checkbox"/>
1	F009425-B1K1	A	0.2504	19A	0I00073-39	A	0.2639	1905023
2	F009425-B1K2	A	0.2506	20	0I00073-40	A	0.2576	
3	F009425-B1K3	A	0.2672	21	0I00073-41	A	0.2665	
4	F009425-B51	A	0.2593	22*	0I00073-43	A	0.2621	
5	F009425-B5D1	A	0.2694	23	0I00073-44	A	0.2608	*=low volume sample
6	0I00073-39	A	0.2599	24	0I00073-45	A	0.2557	
7	0I00073-39	A	0.2631	25A	0I00073-51	A	0.2532	
8	0I00073-39	A	0.2524	26	0I00073-52	A	0.2575	Transcribed 9-30-20 URL 9-30-20
9	F009425-MSD1	A	0.2671	27A	0I00073-53	A	0.2579	
10	0I00073-25	A	0.2623	28				
11	F009425-MS2	A	0.2564	29				
12	F009425-MS2	A	0.2574	30				
13	0I00073-26	A	0.2557	31				
14	0I00073-30	A	0.2667	32				
15	0I00073-32	A	0.2546	33				
16	0I00073-33	A	0.2603	34				
17	0I00073-35	A	0.2506	35				
18	0I00073-38	A	0.2650	36				

Technician: Mr Batch#: F009425 Date: 9/28/2020

- EFAFS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAFS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAFS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAFS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: _____
 Balance#: 1.1 Calibrated? Yes No Vial Type: Glass Teflon
 *Time in: _____ Actual Temp. (raw): _____ °C w/ CF: _____ °C *Time in can't begin before target temperature is reached
 Time out: _____ Actual Temp. (raw): _____ °C w/ CF: _____ °C

Final vol.: _____ mL (LIMS ID: _____) BS Spike vol.: _____ µL (LIMS ID: _____)
 Spike Witness: _____ (initial and date) MS Spike vol.: _____ µL (LIMS ID: _____)

HCl LIMS ID: _____ Pipette SN#: _____ Calibration Date: _____
 HNO₃ LIMS ID: _____ Pipette SN#: _____ Calibration Date: _____
 70/30 LIMS ID: _____ Dispenser #: _____ Calibration Date: _____
 Other Acid LIMS ID: _____ Dispenser #: _____ Calibration Date: _____
 Glass Vial # _____ Boiling Chip lot # 2002000 *Hotblock Position: _____

Vial #	Sample ID Number	Container ID	Sample Size µL/g	Vial #	Sample ID Number	Container ID	Sample Size µL/g	CRM LIMS ID
1	F009425-BK1	A	0.2524	19	0Dec73-38	A	0.2650	
2	F009425-BK2	A	0.2506	20	0Dec73-31	A	0.2639	
3	F009425-BK3	A	0.2672	21	0Dec73-46	A	0.2576	
4	F009425-BS1	A	0.2593	22	0Dec73-41	A	0.2565	
5	F009425-BS01	A	0.2674	23	0Dec73-43	A	0.2601	
6	0Dec73-36	A	0.2599	24	0Dec73-44	A	0.2688	
7	F009425-M57	A	0.2631	25	0Dec73-45	A	0.2557	
8	F009425-M301	A	0.2524	26	0Dec73-47	A	0.2557	
9	0Dec73-25	A	0.2671	27	0Dec73-49	A	0.2579	
10	F009425-M52	A	0.2623	28	0Dec73-51	A	0.2532	
11	F009425-M58	A	0.2564	29	0Dec73-52	A	0.2575	
12	0Dec73-26	A	0.2576	30	0Dec73-53	A	0.2579	
13	0Dec73-29	A	0.2557	31				
14	0Dec73-36	A	0.2607	32				
15	0Dec73-32	A	0.2540	33				
16	0Dec73-33	A	0.2603	34				
17	0Dec73-35	A	0.2000	35				
18	0Dec73-31	A		36				

Mr 9/28/2020

A = Low Volume Sample

B
A

Mr 9/28/2020

PREPARATION BENCH SHEET

F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	µl Spike1	Spike1 ID	µl Spike2	Spike2 ID	Extraction Comments
F009425-BLK1	Blank	0.5	40					
F009425-BLK2	Blank	0.5	40					
F009425-BLK3	Blank	0.5	40					
F009425-BS1	LCS	0.5	40					
F009425-BSD1	LCS Dup	0.5	40					
F009425-MS1	Matrix Spike [0100073-36]	0.5	40					
F009425-MS2	Matrix Spike [0100073-25]	0.5	40					
F009425-MSD1	Matrix Spike Dup [0100073-36]	0.5	40					
F009425-MSD2	Matrix Spike Dup [0100073-25]	0.5	40					

Standard ID(s): Description: Expiration:

PREPARATION BENCH SHEET

F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-25	BU-01-01_091720_SED_01-03	0.5	40	-	-	S&R		
0100073-26	BU-01-01_091720_SED_01-03_DUP	0.5	40	-	-	S&R		
0100073-29	MMSW-C_091720_SED_00-01	0.5	40	-	-	S&R		
0100073-30	MMSW-C_091720_SED_01-03	0.5	40	-	-	S&R		
0100073-32	OV-04_091620_SED_00-01	0.5	40	-	-	S&R		
0100073-33	OV-04_091620_SED_01-03	0.5	40	-	-	S&R		
0100073-35	OB-01_091720_SED_00-01	0.5	40	-	-	S&R		
0100073-36	OB-01_091720_SED_01-03	0.5	40	QC	-	S&R		
0100073-38	OR-TI-C1_091720_SED_00-01	0.5	40	-	-	S&R		
0100073-39	OR-TI-C1_091720_SED_00-01_DUP	0.5	40	-	-	S&R		
0100073-40	OR-TI-C1_091720_SED_01-03	0.5	40	-	-	S&R		
0100073-41	OR-TI-C1_091720_SED_01-03_DUP	0.5	40	-	-	S&R		
0100073-43	PBR-28_0917_SED_00-01	0.5	40	-	-	S&R		
0100073-44	W-17-N_091720_SED_00-01	0.5	40	-	-	S&R		
0100073-45	W-17-N_091720_SED_01-03	0.5	40	-	-	S&R		
0100073-48	OV-01_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-51	PBR-28_091720_SED_00-01_DUP	0.5	40	-	-	S&R		
0100073-52	PBR-28_091720_SED_01-03	0.5	40	-	-	S&R		

Due Date: 10/21/2020

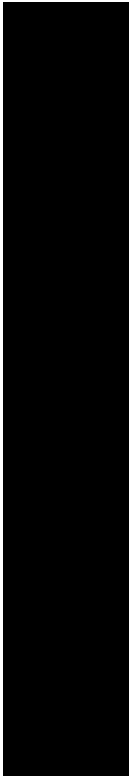
PREPARATION BENCH SHEET

F009425

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/25/2020

0100073-53	PBR-28_091720_SED_01-03_DUP	0.5	40	-	-	S&R	
------------	-----------------------------	-----	----	---	---	-----	--



Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: MFS (prep) 9/30/2020
Upload/Date: MGS (Data Entry) 10/12/2020

Samples to lab: NA
Reviewer/Date: ZKH 10/3/2020 MFS 10/15/20 Batch #: F009426

EFGS Preparation Method

SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS

SOP2837 Tissue Nitric Digestion ICPMS CVAFS

SOP2840 Modified Aqua Regia

SOP2820 RP

SOP2821 HF Bomb Digestion ICPMS CVAFS

SOP2825 Nitric Bomb Digestion ICPMS CVAFS

SOP2993 Oven Digestion (As, Se Speciation)

SOP3145 Microwave Digestion (Nutraceuticals)

SOP5145 Microwave Digestion (3051)

NA Other: EFAFS-1-AFS-SOP2986 Tissues - KOH/MeOH/MMHg

Initials	SOP Date	DOC Date
MFS	10/23/2019	10/28/2019

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: MMHg

	Reviewer Initials	Tertiary Review
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/> MFS
2. Check prep method	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS?	<input type="checkbox"/> ICPMS <input checked="" type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10	<input checked="" type="checkbox"/>
(a) PBs per batch?	<input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs	<input checked="" type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(c) BS, BS/BSO or CRM in batch?	<input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSO <input type="checkbox"/> CRM	<input checked="" type="checkbox"/>
(d) MS/MSD in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc? Document: <u>See benchsheets</u>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
6. Special prep requirements?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : NA

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
CRM	1905023	Varies			
MMHg-MS	2002023	100			

PREPARATION BENCH SHEET

F009426

Eurofins Frontier Global Sciences, LLC

1301
Prepared: 9/30/2020

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009426-BLK1	Blank	0.25	20					
F009426-BLK2	Blank	0.25	20					
F009426-BLK3	Blank	0.25	20					
F009426-BS1	LCS	0.2581	20	1905023	258.1			
F009426-BSD1	LCS Dup	0.2561	20	1905023	256.1			
F009426-MS1	Matrix Spike [0100073-67]	0.2578	20	2002023	100			
F009426-MS2	Matrix Spike [0100073-56]	0.2636	20	2002023	100			
F009426-MSD1	Matrix Spike Dup [0100073-67]	0.2605	20	2002023	100			
F009426-MSD2	Matrix Spike Dup [0100073-56]	0.2626	20	2002023	100			

Standard ID(s)	Description	Expiration	Reagent ID(s)	Description	Expiration
1905023	DORM-4	01-Jun-21 00:00	2000603	Methanol, HPLC Grade	31-Oct-24 00:00
2002023	MHg New Primary 100 ng/mL spike	01-Jun-21 00:00	2002050	Boiling Chips for ICPMS	20-Feb-21 00:00
		24-Aug-21 00:00	2002300	25% KOH/Methanol	28-Mar-21 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009426

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-56	W-22-Mid_091820_SED_00-01	0.2627	20	-	-	S&R		
0100073-57	W-22-Mid_091820_SED_01-03	0.2699	20	-	-	S&R		
0100073-59	MM-T2-C1_091820_SED_00-01	0.2674	20	-	-	S&R		
0100073-60	MM-T2-C1_091820_SED_01-03	0.2641	20	-	-	S&R		
0100073-63	MM-T5-C1_091820_SED_00-01	0.2626	20	-	-	S&R		
0100073-64	MM-T5-C1_091820_SED_01-03	0.2517	20	-	-	S&R		
0100073-66	OB-05_091820_SED_00-01	0.2639	20	-	-	S&R		
0100073-67	OB-05_091820_SED_01-03	0.262	20	QC	-	S&R		
0100073-69	W-17-Intertidal_091820_SED_00-01	0.2612	20	-	-	S&R		
0100073-70	W-17-Intertidal_091820_SED_01-03	0.2613	20	-	-	S&R		
0100073-72	FF-08-02_091820-SED-00-01	0.2647	20	-	-	S&R		
0100073-73	FF-08-02_091820-SED-00-01_DUP	0.2643	20	-	-	S&R		
0100073-74	FF-08-02_091820-SED-01-03	0.2528	20	-	-	S&R		
0100073-75	FF-08-02_091820-SED-01-03_DUP	0.2566	20	-	-	S&R		
0100073-78	W-17-Low_091820_SED_00-01	0.2567	20	-	-	S&R		
0100073-79	W-17-Low_091820_SED_01-03	0.2611	20	-	-	S&R		
0100073-81	W-61-Intertidal_091820_SED_00-01	0.2581	20	-	-	S&R		
0100073-82	W-61-Intertidal_091820_SED_01-03	0.2673	20	-	-	S&R		
0100073-84	E-01-01_091920_SED_00-01	0.2619	20	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009426

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

0100073-85	E-01-01_091920_SED_00-01_DUP	0.253	20	-	-	S&R
------------	------------------------------	-------	----	---	---	-----



Weighed on 09/28/2020

Due Date: 10/21/2020

Technician: MV / MES Batch #: F009426 Date: 9/28/2020 - weighed
Digested 9/30/20 by MES
 EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
 EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
 EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
 EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A
 Balance #: 19 Calibrated? Yes No Vial Type: Glass Teflon
 Therm. #: 1041867 Calibrated? Yes No
 *Time in: 1301 Actual Temp. (raw): 16.5 °C w/ CF: 16.0 °C *Time in can't begin before target temperature is reached
 Time out: 1550 Actual Temp. (raw): 14.6 °C w/ CF: 13.1 °C

Final vol.: 20 mL (LIMS ID: 2000603) BS Spike vol.: N/A µL (LIMS ID: 905023)
 Spike Witness: MAA 9/19/20 (Initial and date) MS Spike vol.: 90 µL (LIMS ID: 2002023)
 HCl LIMS ID: N/A Pipette SN#: N/A Calibration Date: 9-29-20
 HNO₃ LIMS ID: N/A Pipette SN#: 688036538 Calibration Date: 9-29-20
 70/30 LIMS ID: N/A Dispenser #: 19203A Calibrated? Yes No
 Other Acid LIMS ID: 2002300 Dispenser #: N/A
 Glass Vial # 0007840 Boiling Chip lot # 200250 *Hotblock Position: F1

Vial #	Sample ID Number	Container ID	Sample Size □ mL <input checked="" type="checkbox"/> µg	Vial #	Sample ID Number	Container ID	Sample Size □ mL <input checked="" type="checkbox"/> µg	CRM LIMS ID <input type="checkbox"/> NA
1	F009426-B1K1	A	0.2667	19	0I00073-70	A	0.2613	1905023
2	F009426-B1K2	A	0.2558	20	0I00073-72	A	0.2647	
3	F009426-B1K3	A	0.2582	21	0I00073-73	A	0.2643	
4	F009426-B51	A	0.2591	22	0I00073-74	A	0.2528	
5	F009426-B5D1	A	0.2626	23	0I00073-75	A	0.2566	
6	0I00073-616X	A	0.2620	24	0I00073-78	A	0.2567	
7	F009426-MS1N	A	0.2578	25	0I00073-79	A	0.2611	
8	F009426-MSD1	A	0.2605	26	0I00073-81	A	0.2581	
9	0I00073-56	A	0.2627	27	0I00073-82	A	0.2673	
10	F009426-MS2	A	0.2636	28	0I00073-83		0.2619	
11	F009426-MSD2	A	0.2626	29	0I00073-84	A	0.2530	
12	0I00073-57	A	0.2624	30	0I00073-85	A		
13	0I00073-59	A	0.2674	31				
14	0I00073-66	A	0.2641	32				
15	0I00073-63	A	0.2626	33				
16	0I00073-64	A	0.2517	34				
17	0I00073-66	A	0.2639	35				
18	0I00073-69	A	0.2612	36				

* Verified from transcription MES 10/2/20

Comments
 A = Low Sample Volume
 Transcribed 9-30-20
 UFL 9-30-20

Technician: Ym

Batch #: F009426

Date: 9/28/2020

- EFAFS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAFS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAFS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAFS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: _____

Balance #: 19 Calibrated? Yes No Vial Type: Glass Teflon

*Time in: _____ Actual Temp. (raw): _____ °C/w/ CF: _____ °C *Time in can't begin before target temperature is reached

Time out: _____ Actual Temp. (raw): _____ °G/w/ CF: _____ °C

Final vol.: _____ mL (LIMS ID: _____) BS Spike vol.: _____ µL (LIMS ID: _____)

Spike Witness: _____ (initial and date) MS Spike vol.: _____ µL (LIMS ID: _____)

HCl LIMS ID: _____ Pipette SN#: _____ Calibration Date: _____

HNO₃ LIMS ID: _____ Pipette SN#: _____ Calibration Date: _____

70/30 LIMS ID: _____ Dispenser #: _____ Calibration Date: _____

Other Acid LIMS ID: _____ Dispenser #: _____ Calibration Date: _____

Glass Vial # 9100016 Boiling Chip lot # 2002050 *Hotblock Position: _____

Vial #	Sample ID Number	Container ID	Sample Size mL <input type="checkbox"/> µg <input checked="" type="checkbox"/>	Vial #	Sample ID Number	Container ID	Sample Size mL <input type="checkbox"/> µg <input checked="" type="checkbox"/>	CRM LIMS ID <input type="checkbox"/> NA <input type="checkbox"/>
1	F009426 B467	A	0.2667	19	090073-6970	A	0.2613	
2	F009426 B462	A	0.2558	20	090073-72	A	0.2647	
3	F009426 B463	A	0.2582	21	090073-73	A	0.2643	
4	F009426 B51	A	0.2581	22	090073-74	A	0.2528	
5	F009426 B501	A	0.2561	23	090073-75	A	0.2566	
6	090073-67	A	0.2605	24	090073-79	A	0.2567	
7	F009426 MS1	A	0.2578	25	090073-79	A	0.2611	
8	F009426 MS01	A	0.2605	26	090073-81	A	0.2581	
9	090073-56	A	0.2627	27	090073-82	A	0.2673	
10	F009426 MS2	A	0.2636	28	090073-84	A	0.2619	
11	F009426 MS02	A	0.2626	29	090073-85	A	0.2530	
12	090073-57	A	0.2699	30				
13	090073-59	A	0.2674	31				
14	090073-60	A	0.2641	32				
15	090073-63	A	0.2626	33				
16	090073-64	A	0.2517	34				
17	090073-66	A	0.2639	35				
18	090073-6261	A	0.2612	36				

Comments
A=Low Volume Sample

PREPARATION BENCH SHEET

F009426

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009426-BLK1	Blank	0.5	40				
F009426-BLK2	Blank	0.5	40				
F009426-BLK3	Blank	0.5	40				
F009426-BS1	LCS	0.5	40				
F009426-BSD1	LCS Dup	0.5	40				
F009426-MS1	Matrix Spike [0100073-67]	0.5	40				
F009426-MS2	Matrix Spike [0100073-56]	0.5	40				
F009426-MSD1	Matrix Spike Dup [0100073-67]	0.5	40				
F009426-MSD2	Matrix Spike Dup [0100073-56]	0.5	40				

Standard ID(s): Description: Expiration:

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009426

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-56	W-22-Mid_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-57	W-22-Mid_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-59	MM-T2-C1_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-60	MM-T2-C1_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-63	MM-T5-C1_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-64	MM-T5-C1_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-66	OB-05_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-67	OB-05_091820_SED_01-03	0.5	40	QC	-	S&R		
0100073-69	W-17-Intertidal_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-70	W-17-Intertidal_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-72	FF-08-02_091820-SED-00-01	0.5	40	-	-	S&R		
0100073-73	FF-08-02_091820-SED-00-01_DUP	0.5	40	-	-	S&R		
0100073-74	FF-08-02_091820-SED-01-03	0.5	40	-	-	S&R		
0100073-75	FF-08-02_091820-SED-01-03_DUP	0.5	40	-	-	S&R		
0100073-78	W-17-Low_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-79	W-17-Low_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-81	W-61-Intertidal_091820_SED_00-01	0.5	40	-	-	S&R		
0100073-82	W-61-Intertidal_091820_SED_01-03	0.5	40	-	-	S&R		
0100073-84	E-01-01_091920_SED_00-01	0.5	40	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

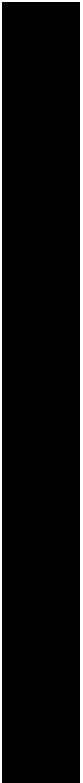
F009426

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

0100073-85	E-01-01_091920_SED_00-01_DUP	0.5	40	-	-	S&R	Prepared: 9/25/2020
------------	------------------------------	-----	----	---	---	-----	---------------------



Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009427-BLK1	Blank	0.25	20					
F009427-BLK2	Blank	0.25	20					
F009427-BLK3	Blank	0.25	20					
F009427-BS1	LCS	0.1257	20	1905023	125.7			
F009427-BSD1	LCS Dup	0.1328	20	1905023	132.8			
F009427-MS1	Matrix Spike [0100073-86]	0.2549	20	2002023	100			
F009427-MS2	Matrix Spike [0100073-87]	0.2524	20	2002023	100			
F009427-MS3	Matrix Spike [0100073-86RE1]	0.2549	20	2002023	100			RR MS1/MSD1 DUE TO CCV FAIL - ZKH 10/5/2020
F009427-MS4	Matrix Spike [0100073-87RE1]	0.2524	20	2002023	100			RR MS1/MSD1 DUE TO CCV FAIL - ZKH 10/5/2020
F009427-MSD1	Matrix Spike Dup [0100073-86]	0.2642	20	2002023	100			
F009427-MSD2	Matrix Spike Dup [0100073-87]	0.2591	20	2002023	100			
F009427-MSD3	Matrix Spike Dup [0100073-86RE1]	0.2642	20	2002023	100			RR MS2/MSD2 DUE TO CCV FAIL - ZKH 10/5/2020
F009427-MSD4	Matrix Spike Dup [0100073-87RE1]	0.2591	20	2002023	100			RR MS2/MSD2 DUE TO CCV FAIL - ZKH 10/5/2020

Standard ID(s)	Description	Expiration	Reagent ID(s)	Description	Expiration
1905023	DORM-4	01-Jun-21 00:00	2000603	Methanol, HPLC Grade	31-Oct-24 00:00
2002023	MHg New Primary 100 ng/mL spike	01-Jun-21 00:00	2002021	Acetate Buffer	19-Feb-21 00:00
		24-Aug-21 00:00	2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002191	Ethylating Agent (For Methyl Mercury Analysis)	09-Dec-20 00:00
			2002300	2.5% KOH/Methanol	28-Mar-21 00:00
			2002309	2.5% Ascorbic Acid	08-Oct-20 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-86	E-01-01_091920_SED_01-03	0.2626	20	-	-	S&R		
0100073-86RE1	E-01-01_091920_SED_01-03	0.2626	20	-	-	S&R	Added 10/5/2020 by ZKH	RR DUE TO CCV FAIL - ZKH 10/5/2020
0100073-87	E-01-01_091920_SED_01-03_DUP	0.2592	20	-	-	S&R		
0100073-87RE1	E-01-01_091920_SED_01-03_DUP	0.2592	20	-	-	S&R	Added 10/5/2020 by ZKH	RR DUE TO CCV FAIL - ZKH 10/5/2020
0100073-90	E-01-03_091920-SED-00-01	0.2604	20	-	-	S&R		
0100073-91	E-01-03_091920-SED-01-03	0.2584	20	-	-	S&R		
0100073-93	SVE-01_091820_SED_00-01	0.2525	20	-	-	S&R		
0100073-94	SVE-01_091820_SED_01-03	0.2536	20	-	-	S&R		
0100073-96	CJ-04_092020_SED_00-01	0.2521	20	-	-	S&R		
0100073-97	CJ-04_092020_SED_01-03	0.2647	20	-	-	S&R		
0100073-98	E-01-04_091920_SED_00-01	0.2515	20	-	-	S&R		
0100073-99	E-01-04_091920_SED_01-03	0.262	20	-	-	S&R		
0100073-AB	ES-FP_091920_SED_00-01	0.2636	20	-	-	S&R		
0100073-AC	ES-FP_091920_SED_01-03	0.2551	20	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	0.2698	20	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	0.2556	20	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	0.2534	20	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	0.2558	20	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	0.2515	20	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment	Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg	Prepared: 9/30/2020			
0100073-AL	W-61-High_0902020_SED_00-01	0.2694	20	-	S&R
0100073-AM	W-61-High_0902020_SED_01-03	0.2673	20	-	S&R
0100073-AO	W-61-Low_092020_SED_00-01	0.2584	20	-	S&R



Weighted on 09/28/2020

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: MFS (prep) 9/30/2020
Upload/Date: MGS (Data Entry) 10/2/2020

Samples to lab: NA
Reviewer/Date: ZLH 10/3/2020

Batch #: F009427

EFGS Preparation Method	
<input type="checkbox"/> SOP2836	Oven Digestion (Total Recoverable Metals)
<input type="checkbox"/> SOP2837	Tissue Nitric Digestion
<input type="checkbox"/> SOP2840	Modified Aqua Regia
<input type="checkbox"/> SOP2820	RP
<input type="checkbox"/> SOP2821	HF Bomb Digestion
<input type="checkbox"/> SOP2825	Nitric Bomb Digestion
<input type="checkbox"/> SOP2893	Oven Digestion (As, Se Speciation)
<input type="checkbox"/> SOP5145	Microwave Digestion (Nutraceuticals)
<input type="checkbox"/> SOP5145	Microwave Digestion (3051)
<input checked="" type="checkbox"/>	NA Other: <u>EFAPS-T-AFS-SOP2886 Tissues - KOH/MeOH MMHg</u>

Initials	SOP Date	DOC Date
MFS	10/23/2019	10/28/2019

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: MMHg

- | | | | | |
|---|---|--|--|-------------------------------------|
| 1. Is any SOP/DOC expiring within one week of Submission Date? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | Reviewer Initials: <u>ZLH</u> | Tertiary Review: <u>IFL</u> |
| Data cannot be reported without a current IDOC/CDOC. | | | | |
| 2. Check prep method | If YES, notify supervisor and technician immediately. | | | |
| (a) For Ceuticals: Is correct Hg code being used in LIMS? | <input type="checkbox"/> ICPMS | <input checked="" type="checkbox"/> CV-AFS | <input type="checkbox"/> 70:30 | <input type="checkbox"/> N/A |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 4. Check for transcription errors from benchsheet | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (a) Check and compare initial and final volumes | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) Check and compare mass | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (d) Have assay logbook copies been attached & avg masses entered? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (e) For re-digests, have e-mails been attached and verified? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 | <input type="checkbox"/> ≤ 10 | <input type="checkbox"/> 2 PBs | <input type="checkbox"/> 1 PBs |
| (a) PBs per batch? | <input checked="" type="checkbox"/> 3 PBs | <input type="checkbox"/> 2 PBs | <input checked="" type="checkbox"/> <u>yes</u> | <input type="checkbox"/> N/A |
| (b) Are pre and post homogenization blanks in batch? | <input type="checkbox"/> BS | <input checked="" type="checkbox"/> BS/BSD | <input type="checkbox"/> CRM | <input type="checkbox"/> N/A |
| (c) BS, BS/BSD or CRM in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (d) MS/MSD in batch? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (e) MD in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (f) Is there at least one duplicate QC source in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (g) Are there any client specific requests, QC requests, etc? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| Document: | <u>See benchsheets</u> | | | |
| (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 6. Special prep requirements? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (b) For all spiking was there a witness? (Initials <u>must</u> be in logbook) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |
| (c) Spikes added: | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> |

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : NA

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
CRM	1905023	Varies			
MMHg-MS	2002023	100			

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

1334
Prepared: 9/30/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - ERGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009427-BLK1	Blank	0.25	20					
F009427-BLK2	Blank	0.25	20					
F009427-BLK3	Blank	0.25	20					
F009427-BS1	LCS	0.1257	20	1905023	125.7			
F009427-BSD1	LCS Dup	0.1328	20	1905023	132.8			
F009427-MS1	Matrix Spike [0100073-86]	0.2549	20	2002023	100			
F009427-MS2	Matrix Spike [0100073-87]	0.2524	20	2002023	100			
F009427-MSD1	Matrix Spike Dup [0100073-86]	0.2549	20	2002023	100			
F009427-MSD2	Matrix Spike Dup [0100073-87]	0.2591	20	2002023	100			

Standard ID(s):
1905023

Description:
DORM-4

MHg New Primary 100 ng/mL spike

Expiration:
01-Jun-21 00:00
01-Jun-21 00:00
24-Aug-21 00:00

Reagent ID(s):
2000603
2002050
2002300

Description:
Methanol, HPLC Grade
Boiling Chips for ICPMS
25% KOH/Methanol

Expiration:
31-Oct-24 00:00
20-Feb-21 00:00
28-Mar-21 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-86	E-01-01_091920_SED_01-03	0.2626	20	-	-	S&R		
0100073-87	E-01-01_091920_SED_01-03_DUP	0.2592	20	-	-	S&R		
0100073-90	E-01-03_091920-SED-00-01	0.2604	20	-	-	S&R		
0100073-91	E-01-03_091920-SED-01-03	0.2584	20	-	-	S&R		
0100073-93	SVE-01_091820_SED_00-01	0.2525	20	-	-	S&R		
0100073-94	SVE-01_091820_SED_01-03	0.2536	20	-	-	S&R		
0100073-96	CJ-04_092020_SED_00-01	0.2521	20	-	-	S&R		
0100073-97	CJ-04_092020_SED_01-03	0.2647	20	-	-	S&R		
0100073-98	E-01-04_091920_SED_00-01	0.2515	20	-	-	S&R		
0100073-99	E-01-04_091920_SED_01-03	0.262	20	-	-	S&R		
0100073-AB	ES-FP_091920_SED_00-01	0.2636	20	-	-	S&R		
0100073-AC	ES-FP_091920_SED_01-03	0.2551	20	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	0.2698	20	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	0.2556	20	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	0.2534	20	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	0.2558	20	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	0.2519	20	-	-	S&R		
0100073-AL	W-61-High_0902020_SED_00-01	0.2694	20	-	-	S&R		
0100073-AM	W-61-High_0902020_SED_01-03	0.2673	20	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009427

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment	Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg	Prepared: 9/30/2020
0100073-AO	W-61-Low_092020_SED_00-01	
	0.2584	20
	-	-
	-	S&R



Weighed on 09/28/2020

Due Date: 10/21/2020

Technician: MES Batch #: FC09427 Date: 9/28/20

- EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A
 Vial Type: Glass Teflon
 Balance #: 23 Calibrated? Yes No
 Therm #: 1404802 Calibrated? Yes No
 *Time in: 13.4 °C/W/CF: 13.1 °C *Time in can't begin before target temperature is reached
 Time out: 15.0 °C/W/CF: 12.1 °C

Final vol.: 20 mL (LIMS ID: 2000603) BS Spike vol.: N/A µL (LIMS ID: 1905023)
 Spike Witness: EMM 9/20/20 (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2002023)

HCl LIMS ID: N/A Pipette SN#: 11091653 Calibration Date: 9-29-20
 HNO₃ LIMS ID: N/A Pipette SN#: 190528 Calibration Date: 9-29-20
 70/30 LIMS ID: N/A Dispenser #: 1905379 Calibrated? Yes No
 Other Acid LIMS ID: 2002300 Dispenser #: N/A Calibrated? Yes No
 Glass Vial # 00097800 Boiling Chip lot # 2002050 *Hotblock Position: F1

Vial #	Sample ID Number	Container ID	Sample Size mL/g	Vial #	Sample ID Number	Container ID	Sample Size mL/g	CRM LIMS ID
1	FC09427-BK1	B	0.2500	19	0100073-99	A	0.2620	1905023
2	FC09427-BK2	B	0.2551	20	0100073-AB	A	0.2693	1905023
3	FC09427-BK3	B	0.2596	21	0100073-AC	A	0.2551	1905023
4	FC09427-BK1	01A	0.2547	22	0100073-AE	A	0.2698	1905023
5	FC09427-BSD1	01A	0.2528	23	0100073-AE	A	0.2556	1905023
6	0100073-BK6 (MS/MSD)	A	0.2620	24	0100073-AM	A	0.2534	1905023
7	FC09427-MS1	A	0.2549	25	0100073-AI	A	0.2550	1905023
8	FC09427-MSD	A	0.2642	26	0100073-AE	A	0.2515	1905023
9	0100073-87	A	0.2592	27	0100073-AC	A	0.2694	1905023
10	FC09427-MS2	A	0.2524	28	0100073-AM	A	0.2616	1905023
11	FC09427-MSD2	A	0.2591	29	0100073-AO	A	0.2584	1905023
12	0100073-70	A	0.2604	30				
13	0100073-91	A	0.2584	31				
14	0100073-93	A	0.2525	32				
15	0100073-94	A	0.2536	33				
16	0100073-94	A	0.2521	34				
17	0100073-97	A	0.2647	35				
18	0100073-98	A	0.2691	36				

EMM
EMM
EMM
EMM

0.2515

MSD 10/1/20

Verified By: ZKH 10/1/20

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009428-BLK1	Blank	0.25	20					
F009428-BLK2	Blank	0.25	20					
F009428-BLK3	Blank	0.25	20					
F009428-BS1	LCS	0.2783	20	1905023	278.3			
F009428-BS2	LCS	0.2783	20	1905023	278.3			
F009428-BSD1	LCS Dup	0.2545	20	1905023	259.9			RR BS1/BSD1 - ZKH 10/6/2020
F009428-BSD2	LCS Dup	0.2599	20	1905023	259.9			
F009428-MS1	Matrix Spike [0100073-AX]	0.2594	20	2002023	100			RR BS1/BSD1 - ZKH 10/6/2020
F009428-MS2	Matrix Spike [0100084-01]	0.2685	20	2002023	100			
F009428-MS3	Matrix Spike [0100073-AXRE1]	0.2594	20	2002023	100			
F009428-MS4	Matrix Spike [0100084-01RE1]	0.2685	20	2002023	100			RR MS1/MSD1, CCV FAIL - ZKH 10/5/2020
F009428-MS6	Matrix Spike [0100084-01RE2]	0.2685	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MSD1	Matrix Spike Dup [0100073-AX]	0.2687	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MSD2	Matrix Spike Dup [0100084-01]	0.2697	20	2002023	100			
F009428-MSD3	Matrix Spike Dup [0100073-AXRE1]	0.2687	20	2002023	100			
F009428-MSD4	Matrix Spike Dup [0100084-01RE1]	0.2697	20	2002023	100			RR MS1/MSD1, CCV FAIL - ZKH 10/5/2020
F009428-MSD5	Matrix Spike Dup [0100073-AXRE1]	0.2687	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MSD6	Matrix Spike Dup [0100084-01RE2]	0.2697	20	2002023	100			RR MS1, CCV FAIL - ZKH 10/5/2020

Standard ID(s):
1905023

Description:
DORM-4

Expiration:
01-Jun-21 00:00
01-Jun-21 00:00
24-Aug-21 00:00

Reagent ID(s):

2000603 Methanol, HPLC Grade
2002021 Acetate Buffer
2002050 Boiling Chips for Trace Metals
2002191 Ethylating Agent (For Methyl Mercury Analysis)
2002300 25% KOH/Methanol
2002309 2.5% Ascorbic Acid

Description:
Methanol, HPLC Grade
Acetate Buffer
Boiling Chips for Trace Metals
Ethylating Agent (For Methyl Mercury Analysis)
25% KOH/Methanol
2.5% Ascorbic Acid

Expiration:
31-Oct-24 00:00
19-Feb-21 00:00
20-Feb-21 00:00
09-Dec-20 00:00
28-Mar-21 00:00
08-Oct-20 00:00

MHg New Primary 100 ng/mL spike

Due Date: 10/9/2020

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AP	W-61-Low_092020_SED_01-03	0.2582	20	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	0.2616	20	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	0.2681	20	-	-	S&R		
0100073-AU	FRB-01_092120_SED_00-01	0.2621	20	-	-	S&R		
0100073-AV	FRB-01_092120_SED_01-03	0.2694	20	-	-	S&R		
0100073-AX	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R		
0100073-AXRE1	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R	Added 10/5/2020 by ZKH	RR DUE TO CCV FAIL - ZKH 10/5/2020
0100073-AZ	MM-T5-C3_092120_SED_00-01	0.2551	20	-	-	S&R		
0100073-BA	MM-T5-C3_092120_SED_01-03	0.2546	20	-	-	S&R		
0100073-BC	W-17-High_092120_SED_00-01	0.2675	20	-	-	S&R		
0100073-BD	W-17-High_092120_SED_01-03	0.2668	20	-	-	S&R		
0100073-BF	W-17-Mid_092120_SED_00-01	0.2657	20	-	-	S&R		
0100073-BG	MM-T1-C3_092120_SED_00-01	0.2653	20	-	-	S&R		
0100073-BH	MM-T1-C3_092120_SED_01-03	0.2591	20	-	-	S&R		
0100073-BJ	W-17-Mid_092120_SED_01-03	0.2687	20	-	-	S&R		
0100084-01	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON BatchQC	Added for BatchQC in: F009428
0100084-01RE1	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON Added 10/5/2020 by	RR DUE TO CCV FAIL - ZKH 10/5/2020
0100084-01RE2	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON RR DUE TO CCV F	RR, CCV FAIL - ZKH 10/5/2020
0100084-02	468-2020-09240142	0.2551	20	-	-	251201	221177 SALMON	

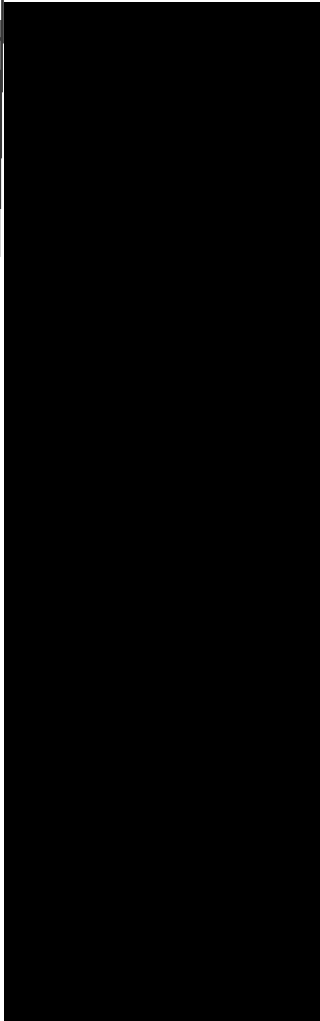
Due Date: 10/9/2020

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment	Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg	Prepared: 9/30/2020
0100084-02RE1	468-2020-09240142	221177 SALMON Added 10/5/2020 by
0100084-02RE2	468-2020-09240142	RR IN SAME ANLY RUN - ZKH 10/5/2020
0100084-03	468-2020-09240143	RR, CCV FAIL - ZKH 10/5/2020
0100084-03RE1	468-2020-09240143	
0100084-03RE2	468-2020-09240143	RR IN SAME ANLY RUN - ZKH 10/5/2020
0100085-01	468-2020-09240154	RR, CCV FAIL - ZKH 10/5/2020
0100086-01	468-2020-09240155	
0100099-01	888-2020-08310699	



Sample Preparation Review Checklist

Technician/Date: MFS (prep)
 Upload/Date: MGS (Data Entry)

9/30/2020
10/2/2020

Samples to lab: NA
 Reviewer/Date: ZCH 10/3/2020

Batch #: F009428

Revision: 4
 Effective: Dec. 1

- EFGS Preparation Method**
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia ICPMS CVAFS
 - SOP2820 RP ICPMS CVAFS
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2893 Oven Digestion (As, Se Speciation) ICPMS CVAFS
 - SOP5145 Microwave Digestion (Nutraceuticals)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: EFAPS, AFS, SOP2886 Tissues - KOH/MgOH MMHg

Initials	SOP Date	DOC Date
MFS	10/23/2019	10/28/2019

Comments: _____

Conditionally formatted training files located at:
 \\us34filal\General and Admin\Quality Assurance\Training\Training A
 (Contact QA for any problems regarding these training files.)

Analytes: MMHg

1. Is any SOP/DOC expiring within one week of Submission Date?
 Data cannot be reported without a current IDOC/CDOC. YES NO
2. Check prep method
 (a) For Ceuticals: Is correct Hg code being used in LIMS?
 If YES, notify supervisor and technician immediately. YES NO
3. Compare sample ID & container ID with benchsheet & in LIMS ICPMS CV-APS 70:30
4. Check for transcription errors from benchsheet
 (a) Check and compare initial and final volumes YES N/A
 (b) Check and compare mass YES N/A
 (c) Has the number of pills been documented (Special Info 5 in benchsheet)? YES N/A
 (d) Have assay logbook copies been attached & avg masses entered? YES N/A
 (e) For re-digests, have e-mails been attached and verified? YES N/A
 (f) Benchsheet prep date MUST match actual prep date YES N/A
5. Samples per Batch? Check QC Requirements
 (a) PBs per batch? ≤ 20 ≤ 10 1 PBs
 (b) Are pre and post homogenization blanks in batch? 3 PBs 2 PBs 1 PBs
 (c) BS, BS/BSO or CRM in batch? BS BS/BSO CRM N/A
 (d) MS/MSD in batch? BS BS/MSD CRM N/A
 (e) MD in batch? BS BS/MSD CRM N/A
 (f) Is there at least one duplicate QC source in batch? YES N/A
 (g) Are there any client specific requests, QC requests, etc? YES N/A
 Document: See benchsheets YES N/A
 (h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD? YES N/A
 (i) Correct 'source' designated for MD/MS/MSD? YES N/A
 (j) For EFGS-filtered samples, was a filtration blank included? YES N/A
6. Special prep requirements?
 (a) For 1638: Have samples sat for 48 hours after preservation? YES N/A
 (b) For 200.8: Have samples sat for 16 hours after preservation? YES N/A
 (c) For DOD have pipettes been calibrated day of prep? YES N/A
7. Are the samples appropriately spiked?
 (a) Is the spike and amount used appropriate and entered into LIMS? YES N/A
 (b) For all spiking was there a witness? (Initials must be in logbook) YES N/A
 (c) Spikes added: YES N/A

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : NA

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
CRM	1905023	Varies			
MMHg-MS	2002023	100			

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spikel ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009428-BLK1	Blank	0.25	20					
F009428-BLK2	Blank	0.25	20					
F009428-BLK3	Blank	0.25	20					
F009428-BS1	LCS	0.2783	20	1905023	278.3			
F009428-BSD1	LCS Dup	0.2545	20	1905023	259.9			
F009428-MS1	Matrix Spike [0100073-AX]	0.2594	20	2002023	100			
F009428-MS2	Matrix Spike [0100084-01]	0.2685	20	2002023	100			
F009428-MSD1	Matrix Spike Dup [0100073-AX]	0.2687	20	2002023	100			
F009428-MSD2	Matrix Spike Dup [0100084-01]	0.2697	20	2002023	100			

Standard ID(s):
1905023

Expiration:
01-Jun-21 00:00

Reagent ID(s):
2000605

01-Jun-21 00:00
24-Aug-21 00:00

Description:
DORM-4

Description:
Methanol, HPLC Grade
Boiling Chips for ICPMS
25% KOH/Methanol

Expiration:
31-Oct-24 00:00
20-Feb-21 00:00
28-Mar-21 00:00

Due Date: 10/9/2020

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AP	W-61-Low_092020_SED_01-03	0.2582	20	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	0.2616	20	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	0.2681	20	-	-	S&R		
0100073-AU	FRB-01_092120_SED_00-01	0.2621	20	-	-	S&R		
0100073-AV	FRB-01_092120_SED_01-03	0.2694	20	-	-	S&R		
0100073-AX	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R		
0100073-AZ	MM-T5-C3_092120_SED_00-01	0.2551	20	-	-	S&R		
0100073-BA	MM-T5-C3_092120_SED_01-03	0.2546	20	-	-	S&R		
0100073-BC	W-17-High_092120_SED_00-01	0.2675	20	-	-	S&R		
0100073-BD	W-17-High_092120_SED_01-03	0.2668	20	-	-	S&R		
0100073-BF	W-17-Mid_092120_SED_00-01	0.2657	20	-	-	S&R		
0100073-BG	MM-T1-C3_092120_SED_00-01	0.2653	20	-	-	S&R		
0100073-BH	MM-T1-C3_092120_SED_01-03	0.2591	20	-	-	S&R		
0100073-BJ	W-17-Mid_092120_SED_01-03	0.2687	20	-	-	S&R		
0100084-01	468-2020-09240141	0.2555	20	-	-	S&R		
0100084-02	468-2020-09240142	0.2551	20	-	251201	221177 SALMON BatchQC		Added for BatchQC in: F009428
0100084-03	468-2020-09240143	0.2609	20	-	251201	221177 SALMON		
0100085-01	468-2020-09240154	0.254	20	-	251201	221177 SALMON		
0100086-01	468-2020-09240155	0.2625	20	-	251201	221177 SALMON		

Prepared: 9/30/2020

Date: 10/9/2020

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

888-2020-08310699

0.2645

20

010104

Tocoblend SD 30 IP

Prepared: 9/30/2020

Issue Date: 10/9/2020

Technician: KV/MS

Batch #: F009078

Date: 9/28/20

- EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for 2-4 hours.
- EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: N/A

Balance #: 19
 *Time in: 1349 Calibrated? Yes No
 Time out: 1550 Actual Temp. (raw): 14.6 °C
 Actual Temp. (raw): 14.4 °C

Vial Type: Glass Teflon
 Therm. #: 1404000 Calibrated? Yes No
 °C W/ CF: 14.5 °C *Time in can't begin before target temperature is reached
 °C W/ CF: 13.1 °C

Final vol.: 20 mL (LIMS ID: 2000603) BS Spike vol.: N/A µL (LIMS ID: 1905623)
 Spike Witness: EM/MS (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2002023)

HCl LIMS ID: N/A Pipette SN#: N007653
 HNO₃ LIMS ID: N/A Pipette SN#: PV30535 Calibration Date: 9-29-20
 70/30 LIMS ID: N/A Dispenser #: 19320379 Calibration Date: 9-29-20
 Other Acid LIMS ID: 2002300 Dispenser #: N/A Calibrated? Yes No
 Glass Vial # 00018010 Boiling Chip lot # 2002050 *Hotblock Position: F1

Vial #	Sample ID Number	Container ID	Sample Size □ mL <input checked="" type="checkbox"/> µg	Vial #	Sample ID Number	Container ID	Sample Size □ mL <input type="checkbox"/> µg	CRM LIMS ID <input type="checkbox"/> NA	Comments
1	F009426-BIK1	A	0.2626	19	0I00073-BC	A	0.2675	1905023	
2	F009426-BIK2	A	0.2537	20	0I00073-BD	A	0.2668		
3	F009428-BIK3	A	0.2631	21	0I00073-BF	A	0.2657		
4	F009428-BS1	A	0.2703	22	0I00073-BG	A	0.2653		
5	F009428-BSD1	A	0.2599	23	0I00073-BH	A	0.2591		
6	0I00073-AX	A	0.2545	24	0I00073-BJ	A	0.2687		
7	F009428-MS1	A	0.2594	25	0I00084-02	A	0.2551		
8	F009428-MSD1	A	0.2687	26	0I00084-03	A	0.2609		
9	0I00084-01	A	0.2555	27	0I00085-01	A	0.2540		
10	F009426-MS2	A	0.2885	28	0I00086-01	A	0.2625		
11	F009426-MSD2	A	0.2697	29	0I00099-01	A	0.2645		
12	0I00073-AP	A	0.2582	30					
13	0I00073-AR	A	0.2616	31					
14	0I00073-AS	A	0.2681	32					
15	0I00073-AU	A	0.2621	33					
16	0I00073-AV	A	0.2694	34					
17	0I00073-AZ	A	0.2551	35					
18	0I00073-BA	A	0.2546	36					

Transferred 9-30-2020
WFL 9-30-2020

MS 10/1/20

Technician: MJMS

Batch #: F009428

Date: 9/28/2020

- EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol
- EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30
- EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - 70:30
- EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR

Digested 9/30/20 by MJS

Hot plate 75±5°C for 2-4 hours. Heat Block 45°C (nitrogen purge for 30 minutes). 18-25°C for over four hours.

Other: _____

Balance #: 19 Vial Type: Glass Teflon

*Time in: _____ Calibrated? Yes No

Time out: _____ Actual Temp. (raw): _____ Therm. #: _____

Final vol.: _____ mL (LIMS ID): _____ °C w/ CF: _____ °C

Spike Witness: _____ (initial and date) BS Spike vol.: _____ MS Spike vol.: _____

HCl LIMS ID: _____ µL (LIMS ID): _____

HNO₃ LIMS ID: _____ µL (LIMS ID): _____

70/30 LIMS ID: _____

Other Acid LIMS ID: _____

Glass Vial # 9 Low 56-61A Dispenser #: _____

Boiling Chip lot # 0001050 Calibration Date: _____

Hotblock Position: _____ Calibration Date: _____

Vial #	Sample ID Number	Container ID	Sample Size µL	Vial #	Sample ID Number	Container ID	Sample Size µL	CRM LIMS ID	Comments
1	F009428 BLK1	A	0.2620	19					
2	F009428 BLK2	A	0.2537	20	OP00073-BC	A	0.2675		
3	F009428 BLK3	A	0.2631	21	OP00073-BD	A	0.2668		
4	F009428 BS1	A	0.2773	22	OP00073-BE	A	0.2657		
5	F009428 BS02	A	0.2599	23	OP00073-BG	A	0.2653		
6	OP00073-AX	A	0.2545	24	OP00073-BH	A	0.2591		
7	F009428 MS1	A	0.2094	25	OP00073-BJ	A	0.2687		
8	F009428 MS02	A	0.2677	26	OP00073-BK	A	0.2551		
9	OP00073-AY	A	0.2505	27	OP00073-03	A	0.2604		
10	F009428 MS2	A	0.2685	28	OP00073-01	A	0.2540		
11	F009428 MS0A	A	0.2697	29	OP00073-02	A	0.2625		
12	OP00073-AP	A	0.2580	30	OP00073-01	A	0.2645		
13	OP00073-AR	A	0.2616	31					
14	OP00073-AS	A	0.2681	32					
15	OP00073-AU	A	0.2621	33					
16	OP00073-AV	A	0.2694	34					
17	OP00073-AZ	A	0.2557	35					
18	OP00073-BA	A	0.2546	36					



Frontier Global Sciences

MHg27001-201001-1_full run

Analysis Datasheet for Methyl Mercury in Soil/Tissue

Date of Analysis: October 01, 2020

Instrument #: Hg2700-1

LIMS Sequence #: 0J05019, 0J05020, 0J05021

Analyst:

Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.05 ng/L	7.30 units	146.05	5.93 units	118.66	91.2 %Rec
SEQ-CAL2	1	0.20 ng/L	25.56 units	127.80	24.19 units	120.96	93.0 %Rec
SEQ-CAL3	1	1.00 ng/L	129.74 units	129.74	128.37 units	128.37	98.7 %Rec
SEQ-CAL4	1	2.00 ng/L	294.10 units	147.05	292.73 units	146.37	112.5 %Rec
SEQ-CAL5	1	4.00 ng/L	545.25 units	136.31	543.88 units	135.97	104.5 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 130.06 Corr. St Dev RF +/- 11.36 Corr. RSD CF 8.7% RSD Uncorr. Mean RF 137.39

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	1	1.37 units		0.01 ng/L	#VALUE!

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	7	-2.412 ng/L	±3.199
BLK	2	2	3.049 ng/L	±0.918
BLK	3	3	-2.660 ng/L	±2.282
BLK	4	1	-5.264 ng/L	
BLK	5	0	0.000 ng/L	

Instrument	Analyst	Sample Type	Lab Number	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	Initial Result	Final Result	Initial Units	Comments
Hg2700-1	00	BLK	F009424-BLK5	500	10/1/20 20:55	1097-1-RAW	20:55:42	1.18	1		-0.2	-0.001	-0.731	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK6	500	10/1/20 21:05	1048-1-RAW	21:05:57	1.30	1		-0.1	-0.001	-0.274	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK7	500	10/1/20 21:16	1049-1-RAW	21:16:14	0.00	1		-1.4	-0.011	-5.264	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK2	500	10/1/20 21:26	1050-1-RAW	21:26:30	0.00	2		0.6	0.005	2.400	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCV5	1	10/1/20 21:36	1051-1-RAW	21:36:46	60.35	1		59.0	0.463	0.463	ng/L	90.00478681
Hg2700-1	00	CAL	SEQ-CCB8	1	10/1/20 21:47	1052-1-RAW	21:47:02	1.12	1		-0.3	-0.002	-0.002	ng/L	
Hg2700-1	00	BLK	F009425-BLK3	500	10/1/20 21:57	1053-1-RAW	21:57:17	2.33	2		1.0	0.007	3.698	ng/L	F009425
Hg2700-1	00	BLK	F009426-BLK1	500	10/1/20 22:07	1054-1-RAW	22:07:33	0.93	3		-0.4	-0.003	-1.706	ng/L	F009426
Hg2700-1	00	BLK	F009426-BLK2	500	10/1/20 22:17	1055-1-RAW	22:17:49	0.00	3		-1.4	-0.011	-5.264	ng/L	F009426
Hg2700-1	00	BLK	F009426-BLK3	500	10/1/20 22:28	1056-1-RAW	22:28:05	1.11	3		-1.4	-0.011	-5.264	ng/L	F009426
Hg2700-1	00	SAM	ERR	500	10/1/20 22:38	1057-1-RAW	22:38:21	0.00	4		-1.4	Error	#VALUE!	ng/L	F009427 - computer shut down
Hg2700-1	00	SAM		500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM		500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM		500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-CCV6	1	10/1/20 1:22	1059-1-RAW	1:22:30	71.97	1		-1.4	Error	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-CCB6	1	10/1/20 1:32	1060-1-RAW	1:32:45	1.14	1		70.6	0.543	0.543	ng/L	107.7395773
Hg2700-1	00	SAM	0100073-18	500	10/1/20 1:46	1061-1-RAW	1:46:57	5.84	1		-0.2	-0.002	-0.002	ng/L	
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 1:57	1062-1-RAW	1:57:12	117.59	1		4.2	0.037	18.456	ng/L	F009424
Hg2700-1	00	SAM	0100072-01	2500	10/1/20 2:07	1063-1-RAW	2:07:28	166.73	1		116.2	0.898	449.210	ng/L	F009424
Hg2700-1	00	SAM	F009424-MS2	2500	10/1/20 2:17	1064-1-RAW	2:17:43	0.27	1		165.4	1.276	638.114	ng/L	F009424
Hg2700-1	00	SAM	0100073-36	2500	10/1/20 2:27	1065-1-RAW	2:27:59	26.93	1		-1.1	-0.008	-18.750	ng/L	F009424
Hg2700-1	00	SAM	F009425-MS1	500	10/1/20 2:38	1066-1-RAW	2:38:14	21.44	1		25.6	0.198	493.766	ng/L	F009424
Hg2700-1	00	SAM	F009425-MS2	500	10/1/20 2:58	1067-1-RAW	2:58:30	5.90	2		4.5	0.155	388.104	ng/L	F009424
Hg2700-1	00	SAM	F009425-MS3	500	10/1/20 3:09	1068-1-RAW	3:09:01	175.86	2		0.034	1.341	37.152	ng/L	F009425
Hg2700-1	00	SAM	0100073-25	500	10/1/20 3:19	1069-1-RAW	3:19:17	184.44	2		183.1	1.407	670.494	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCV7	1	10/1/20 3:29	1070-1-RAW	3:29:33	63.90	2		11.0	0.084	41.837	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCB7	1	10/1/20 3:39	1071-1-RAW	3:39:48	0.39	2		62.5	0.481	0.481	ng/L	95.42681831
Hg2700-1	00	SAM	F009425-MS2	500	10/1/20 3:50	1072-1-RAW	3:50:04	177.59	2		-1.0	-0.008	-0.008	ng/L	F009425
Hg2700-1	00	SAM	0100073-67	500	10/1/20 4:00	1073-1-RAW	4:00:21	197.24	2		176.2	1.354	677.165	ng/L	F009425
Hg2700-1	00	SAM	F009426-MS1	500	10/1/20 4:10	1074-1-RAW	4:10:36	19.03	3		195.9	1.505	732.694	ng/L	F009426
Hg2700-1	00	SAM	F009426-MS2	500	10/1/20 4:20	1075-1-RAW	4:20:53	187.85	3		17.7	0.141	70.544	ng/L	F009426
Hg2700-1	00	SAM	F009426-MS3	500	10/1/20 4:31	1076-1-RAW	4:31:09	194.76	3		186.5	1.439	719.526	ng/L	F009426
Hg2700-1	00	SAM	0100073-56	500	10/1/20 4:41	1077-1-RAW	4:41:25	8.27	3		193.4	1.492	746.089	ng/L	F009426
Hg2700-1	00	SAM	F009426-MS2	500	10/1/20 4:51	1078-1-RAW	4:51:41	166.02	3		6.9	0.058	29.186	ng/L	F009426
Hg2700-1	00	SAM	F009426-MS3	500	10/1/20 5:01	1080-1-RAW	5:01:56	167.94	3		164.6	1.271	635.600	ng/L	F009426
Hg2700-1	00	SAM	0100073-86	500	10/1/20 5:12	1081-1-RAW	5:12:14	14.11	3		166.6	1.286	643.006	ng/L	F009426
Hg2700-1	00	SAM	F009427-MS1	500	10/1/20 5:22	1082-1-RAW	5:22:31	186.83	4		12.7	0.108	54.234	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCV8	1	10/1/20 5:32	1083-1-RAW	5:32:47	41.25	4		185.5	1.436	718.210	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCB8	1	10/1/20 5:43	1084-1-RAW	5:43:02	1.22	4		0.307	0.307	0.307	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS1	500	10/1/20 5:53	1085-1-RAW	5:53:18	133.86	4		-0.1	-0.001	-0.001	ng/L	60.86574464
Hg2700-1	00	SAM	0100073-87	500	10/1/20 6:03	1086-1-RAW	6:03:34	6.33	4		132.5	1.029	514.577	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS2	500	10/1/20 6:13	1087-1-RAW	6:13:50	191.74	4		5.0	0.049	24.323	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS3	500	10/1/20 6:24	1088-1-RAW	6:24:07	177.30	4		190.4	1.474	737.097	ng/L	F009427
Hg2700-1	00	SAM	0100073-AX	500	10/1/20 6:34	1089-1-RAW	6:34:22	0.00	5		1.363	0.000	681.588	ng/L	F009427
Hg2700-1	00	SAM	F009428-MS1	500	10/1/20 6:44	1090-1-RAW	6:44:39	63.51	5		0.000	0.000	0.000	ng/L	F009428
Hg2700-1	00	SAM	0100084-01	500	10/1/20 7:05	1091-1-RAW	7:05:11	54.54	5		62.1	0.488	244.166	ng/L	F009428
Hg2700-1	00	SAM	F009428-MS2	2500	10/1/20 7:15	1092-1-RAW	7:15:27	16.71	5		0.419	0.120	208.675	ng/L	F009428
Hg2700-1	00	SAM	F009428-MS3	2500	10/1/20 7:25	1094-1-RAW	7:25:44	56.52	5		55.2	0.426	1065.337	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV9	1	10/1/20 7:36	1095-1-RAW	7:36:00	51.24	5		99.9	0.386	963.862	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCB9	1	10/1/20 7:46	1096-1-RAW	7:46:16	0.00	5		-1.4	-0.011	-0.011	ng/L	76.66169865
Hg2700-1	00	SAM	0100051-01	500	10/1/20 8:06	1097-1-RAW	8:06:32	0.00	1		407.1	3.131	2.852	ng/L	F009424
Hg2700-1	00	SAM	0100072-02	2500	10/1/20 8:17	1098-1-RAW	8:17:04	408.43	1		4.6	0.040	7826.537	ng/L	F009424
Hg2700-1	00	SAM	0100073-03	500	10/1/20 8:27	1100-1-RAW	8:27:30	3.47	1		0.021	0.021	19.939	ng/L	F009424
Hg2700-1	00	SAM	0100073-04	500	10/1/20 8:37	1101-1-RAW	8:37:36	0.00	1		1.4	-0.006	10.507	ng/L	F009424
Hg2700-1	00	SAM	0100073-05	500	10/1/20 8:47	1102-1-RAW	8:47:52	13.82	1		-1.4	-0.006	-2.852	ng/L	F009424
Hg2700-1	00	SAM	0100073-08	500	10/1/20 9:08	1104-1-RAW	9:08:24	0.00	1		12.4	0.101	50.259	ng/L	F009424
Hg2700-1	00	SAM	0100073-11	500	10/1/20 9:18	1105-1-RAW	9:18:40	12.62	1		11.2	0.091	45.650	ng/L	F009424
Hg2700-1	00	SAM	0100073-12	500	10/1/20 9:28	1106-1-RAW	9:28:55	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CCV4	1	10/1/20 9:39	1107-1-RAW	9:39:11	53.91	1		-1.4	-0.006	-2.852	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CCB4	1	10/1/20 9:49	1108-1-RAW	9:49:26	0.00	1		52.5	0.404	0.404	ng/L	80.19004738
Hg2700-1	00	SAM	0100073-14	500	10/1/20 9:59	1109-1-RAW	9:59:42	0.00	1		-1.1	-0.008	-0.008	ng/L	F009424
Hg2700-1	00	SAM	0100073-15	500	10/1/20 10:09	1110-1-RAW	10:09:57	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hg2700-1	00	SAM	0100073-17	500	10/1/20 10:20	1111-1-RAW	10:20:13	10.86	1		-1.4	-0.006	-2.852	ng/L	F009424
Hg2700-1	00	SAM	0100073-20	500	10/1/20 10:30	1112-1-RAW	10:30:28	15.33	1		14.0	0.112	56.083	ng/L	F009424

Instrument	Analyte	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Unconnected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100073-21	500	10/1/20 10:40	1113-1.RAW	10:40:44	0.00	1		-1.4	-0.006	2.852	ng/L	F009424
Hg2700-1	00	SAM	0100073-22	500	10/1/20 10:51	1114-1.RAW	10:51:00	8.11	1		6.7	0.057	28.332	ng/L	F009424
Hg2700-1	00	SAM	0100073-24	500	10/1/20 11:01	1115-1.RAW	11:01:17	7.95	1		6.6	0.055	27.725	ng/L	F009424
Hg2700-1	00	SAM	0100076-01	500	10/1/20 11:11	1116-1.RAW	11:11:33	9.43	1		2.4	0.023	11.597	ng/L	F009424
Hg2700-1	00	SAM	0100073-26	500	10/1/20 11:21	1117-1.RAW	11:21:49	6.10	1		9.1	0.067	33.403	ng/L	F009424
Hg2700-1	00	SAM	0100073-29	500	10/1/20 11:32	1118-1.RAW	11:32:05	6.10	1		4.7	0.041	20.604	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CCVB		10/1/20 11:42	1119-1.RAW	11:42:21	50.78			49.4	0.380	0.380	ng/L	75.40676172
Hg2700-1	00	CAL	SEQ-CCBB	1	10/1/20 11:52	1120-1.RAW	11:52:37	0.00			-1.4	-0.011	-0.011	ng/L	
Hg2700-1	00	SAM	0100073-30	500	10/1/20 12:02	1121-1.RAW	12:02:54	3.40	2		2.0	0.015	7.517	ng/L	F009425
Hg2700-1	00	SAM	0100073-33	500	10/1/20 12:13	1122-1.RAW	12:13:10	0.50	2		-0.9	-0.007	-3.607	ng/L	F009425
Hg2700-1	00	SAM	0100073-35	500	10/1/20 12:23	1123-1.RAW	12:23:26	2.74	2		3.4	0.010	4.975	ng/L	F009425
Hg2700-1	00	SAM	0100073-38	500	10/1/20 12:33	1124-1.RAW	12:33:43	4.62	2		1.2	0.024	12.208	ng/L	F009425
Hg2700-1	00	SAM	0100073-39	500	10/1/20 12:43	1125-1.RAW	12:43:59	20.61	2		19.2	0.147	73.699	ng/L	F009425
Hg2700-1	00	SAM	0100073-40	500	10/1/20 12:54	1126-1.RAW	12:54:15	18.45	2		17.1	0.131	65.989	ng/L	F009425
Hg2700-1	00	SAM	0100073-41	500	10/1/20 13:04	1127-1.RAW	13:04:31	10.54	2		9.2	0.070	34.989	ng/L	F009425
Hg2700-1	00	SAM	0100073-43	500	10/1/20 13:14	1128-1.RAW	13:14:47	9.51	2		8.1	0.062	31.031	ng/L	F009425
Hg2700-1	00	SAM	0100073-44	500	10/1/20 13:25	1129-1.RAW	13:25:03	11.20	2		6.1	0.046	23.161	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVC		10/1/20 13:35	1130-1.RAW	13:35:19	7.47			49.1	0.378	0.378	ng/L	74.99516476
Hg2700-1	00	CAL	SEQ-CCBC	1	10/1/20 13:45	1131-1.RAW	13:45:35	50.51			-1.4	-0.011	-0.011	ng/L	
Hg2700-1	00	SAM	0100073-45	500	10/1/20 14:06	1132-1.RAW	13:55:51	0.00	2		10.0	0.077	36.276	ng/L	F009425
Hg2700-1	00	SAM	0100073-51	500	10/1/20 14:16	1133-1.RAW	14:06:07	11.40	2		6.5	0.049	24.743	ng/L	F009425
Hg2700-1	00	SAM	0100073-52	500	10/1/20 14:26	1134-1.RAW	14:16:23	7.88	2		5.8	0.044	22.020	ng/L	F009425
Hg2700-1	00	BLK	F009425-BLK1	500	10/1/20 14:36	1135-1.RAW	14:26:39	7.17	2		4.9	0.037	18.554	ng/L	F009425
Hg2700-1	00	BLK	F009427-BLK2	500	10/1/20 14:47	1137-1.RAW	14:47:11	0.00	2		-1.4	-0.011	-0.011	ng/L	F009425
Hg2700-1	00	BLK	F009427-BLK3	500	10/1/20 14:57	1138-1.RAW	14:57:28	0.00	4		-1.4	-0.011	-0.011	ng/L	F009425
Hg2700-1	00	BLK	F009428-BLK2	500	10/1/20 15:07	1139-1.RAW	15:07:44	0.00	4		-1.4	-0.011	-0.011	ng/L	F009427
Hg2700-1	00	BLK	F009428-BLK1	500	10/1/20 15:17	1140-1.RAW	15:17:59	0.00	5		-1.4	-0.011	-0.011	ng/L	F009428
Hg2700-1	00	BLK	F009428-BLK2	500	10/1/20 15:28	1141-1.RAW	15:28:15	0.00	5		-1.4	-0.011	-0.011	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCVD		10/1/20 15:38	1142-1.RAW	15:38:31	0.00	5		-1.4	-0.011	-0.011	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCBD	1	10/1/20 15:48	1143-1.RAW	15:48:47	53.25			51.9	0.399	0.399	ng/L	79.16933462
Hg2700-1	00	SAM	F009389-B51	1.25	10/1/20 15:59	1144-1.RAW	15:59:03	0.00			-0.011	-0.011	-0.011	ng/L	
Hg2700-1	00	SAM	F009389-B52	1.25	10/1/20 16:09	1145-1.RAW	16:09:18	128.16			126.8	#VALUE!	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	F009443-B51	1.25	10/1/20 16:19	1146-1.RAW	16:19:34	137.40			136.0	#VALUE!	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	F009443-B52	1.25	10/1/20 16:29	1147-1.RAW	16:29:51	125.56			124.2	#VALUE!	#VALUE!	ng/L	F009443
Hg2700-1	00	BLK	F009389-BLK1	1.25	10/1/20 16:40	1149-1.RAW	16:40:06	134.73			133.4	#VALUE!	#VALUE!	ng/L	F009443
Hg2700-1	00	BLK	F009389-BLK2	1.25	10/1/20 16:50	1149-1.RAW	16:50:22	27.98			26.6	0.205	0.256	ng/L	F009389
Hg2700-1	00	BLK	F009389-BLK3	1.25	10/1/20 17:00	1151-1.RAW	17:00:39	8.64			7.3	0.056	0.070	ng/L	F009389
Hg2700-1	00	BLK	F009443-BLK1	1.25	10/1/20 17:10	1151-1.RAW	17:10:55	0.00			-1.4	-0.011	-0.011	ng/L	F009443
Hg2700-1	00	BLK	F009443-BLK2	1.25	10/1/20 17:21	1152-1.RAW	17:21:11	0.00			-0.011	-0.011	-0.011	ng/L	F009443
Hg2700-1	00	BLK	F009443-BLK3	1.25	10/1/20 17:31	1153-1.RAW	17:31:28	1.13			-0.2	-0.002	-0.002	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCVE		10/1/20 17:41	1154-1.RAW	17:41:44	0.00			-1.4	-0.011	-0.011	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCBE	1	10/1/20 17:52	1155-1.RAW	17:52:00	76.96			75.6	0.581	0.581	ng/L	F009443
Hg2700-1	00	SAM	0100043-21	1.25	10/1/20 18:02	1156-1.RAW	18:02:16	0.00			-1.4	-0.011	-0.011	ng/L	115.3597511
Hg2700-1	00	SAM	F009389-M51	1.25	10/1/20 18:12	1157-1.RAW	18:12:32	5.63			4.3	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	F009389-M52	1.25	10/1/20 18:22	1159-1.RAW	18:22:48	422.30			-1.4	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-22	1.25	10/1/20 18:34	1160-1.RAW	19:04:29	10.14			8.8	#VALUE!	#VALUE!	ng/L	F009389 - computer stall
Hg2700-1	00	SAM	F009389-M52	1.25	10/1/20 19:04	1161-1.RAW	19:04:29	152.44			151.1	#VALUE!	#VALUE!	ng/L	F009389 - err, no wash
Hg2700-1	00	SAM	0100075-06	1.25	10/1/20 19:14	1162-1.RAW	19:14:45	151.28			149.9	#VALUE!	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	F009443-M51	1.25	10/1/20 19:25	1163-1.RAW	19:25:01	1.88			0.5	0.05	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	F009443-M52	1.25	10/1/20 19:35	1164-1.RAW	19:35:17	161.95			160.6	#VALUE!	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100043-51	1.25	10/1/20 19:45	1165-1.RAW	19:45:33	166.28			164.9	#VALUE!	#VALUE!	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCVF		10/1/20 20:06	1166-1.RAW	20:06:05	466.28			75.0	0.576	0.576	ng/L	114.413003
Hg2700-1	00	CAL	SEQ-CCBF	1.11	10/1/20 20:16	1167-1.RAW	20:16:21	76.34			-0.3	-0.011	-0.011	ng/L	
Hg2700-1	00	SAM	0100043-52	50	10/1/20 20:26	1168-1.RAW	20:26:37	0.00			1.5	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-53	50	10/1/20 20:36	1169-1.RAW	20:36:53	2.87			1.7	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-54	50	10/1/20 20:47	1170-1.RAW	20:47:09	3.06			0.8	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-55	50	10/1/20 20:57	1171-1.RAW	20:57:25	9.28			2.2	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-56	50	10/1/20 21:07	1172-1.RAW	21:07:41	2.14			0.8	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-57	50	10/1/20 21:17	1173-1.RAW	21:17:57	3.58			2.2	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-58	50	10/1/20 21:28	1174-1.RAW	21:28:13	3.08			1.7	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-59	50	10/1/20 21:38	1175-1.RAW	21:38:29	2.56			1.2	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-60	50	10/1/20 21:48	1176-1.RAW	21:48:45	1.27			0.7	0.033	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-61	50	10/1/20 21:59	1177-1.RAW	21:59:01	2.03			81.6	0.627	0.627	ng/L	F009389
Hg2700-1	00	CAL	SEQ-CCVG	1.25	10/1/20 22:09	1178-1.RAW	22:09:17	9.56			0.5	0.004	0.004	ng/L	124.4954284
Hg2700-1	00	CAL	SEQ-CCBG	1	10/1/20 22:19	1180-1.RAW	22:19:33	82.95			10.3	0.004	0.004	ng/L	
Hg2700-1	00	SAM	0100043-24	1.25	10/1/20 22:29	1181-1.RAW	22:29:49	1.84			5.5	#VALUE!	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-25	1.25	10/1/20 22:40	1182-1.RAW	22:40:05	11.63			5.5	#VALUE!	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-25	1.25	10/1/20 22:50	1182-1.RAW	22:50:21	6.85			5.5	#VALUE!	#VALUE!	ng/L	F009389

Instrument	Analyst	Sample Type	Lab Number	Dilution	Analyzed	FieldID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100043-26	1.25	10/1/20 23:00	1183-1-RAW	23:00:37	5.23			3.9	Error	ng/L	F009389	
Hg2700-1	00	SAM	0100043-27	1.25	10/1/20 23:01	1184-1-RAW	23:10:53	2.25			0.9	Error	ng/L	F009389	
Hg2700-1	00	SAM	0100043-28	1.25	10/1/20 23:21	1185-1-RAW	23:21:09	5.58			4.2	Error	ng/L	F009389	
Hg2700-1	00	SAM	0100043-29	1.25	10/1/20 23:31	1186-1-RAW	23:31:25	17.82			16.5	Error	ng/L	F009389	
Hg2700-1	00	SAM	0100043-30	1.25	10/1/20 23:41	1187-1-RAW	23:41:41	9.35			8.0	Error	ng/L	F009389	
Hg2700-1	00	SAM	0100075-01	1.25	10/1/20 23:51	1188-1-RAW	23:51:57	5.61			4.2	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100075-02	1.25	10/1/20 0:02	1189-1-RAW	0:02:13	7.53			6.2	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100075-03	1.25	10/1/20 0:12	1190-1-RAW	0:12:29	9.96			8.6	Error	ng/L	F009443	
Hg2700-1	00	CAL	SEQ-COVH	1	10/1/20 0:22	1191-1-RAW	0:22:45	71.36			70.0	0.538	ng/L	106.8103158	
Hg2700-1	00	CAL	SEQ-COBH	1	10/1/20 0:33	1192-1-RAW	0:33:01	0.00			-1.4	-0.011	ng/L		
Hg2700-1	00	SAM	0100075-04	1.25	10/1/20 0:43	1193-1-RAW	0:43:17	9.45			8.1	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100075-05	1.25	10/1/20 0:53	1194-1-RAW	0:53:33	9.41			9.0	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100080-01	1.25	10/1/20 1:03	1195-1-RAW	1:03:49	12.05			10.7	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100080-02	1.25	10/1/20 1:14	1196-1-RAW	1:14:05	1.80			0.4	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100080-03	1.25	10/1/20 1:24	1197-1-RAW	1:24:21	0.86			-0.5	Error	ng/L	F009443	
Hg2700-1	00	SAM	0100080-04	1.25	10/1/20 1:34	1198-1-RAW	1:34:37	2.73			1.4	Error	ng/L	F009443	
Hg2700-1	00	CAL	SEQ-COVI	1	10/1/20 1:44	1199-1-RAW	1:44:53	83.47			82.1	0.631	ng/L	125.2956602	
Hg2700-1	00	CAL	SEQ-COBI	1	10/1/20 1:55	1200-1-RAW	1:55:09	2.37			1.0	0.008	ng/L		
Hg2700-1	00	SAM	0100073-57	500	10/1/20 2:05	1201-1-RAW	2:05:25	17.3628626	3		16.0	0.128	ng/L	F009426	
Hg2700-1	00	SAM	0100073-59	500	10/1/20 2:15	1202-1-RAW	2:15:41	0	3		-1.4	-0.005	ng/L	F009426	
Hg2700-1	00	SAM	0100073-60	500	10/1/20 2:25	1203-1-RAW	2:25:57	0	3		-1.4	-0.005	ng/L	F009426	
Hg2700-1	00	SAM	0100073-63	500	10/1/20 2:36	1204-1-RAW	2:36:13	5.932914909	3		4.6	0.040	ng/L	F009426	
Hg2700-1	00	SAM	0100073-66	500	10/1/20 2:46	1205-1-RAW	2:46:29	0	3		-1.4	-0.005	ng/L	F009426	
Hg2700-1	00	SAM	0100073-69	500	10/1/20 2:56	1206-1-RAW	2:56:45	20.53321759	3		19.2	0.153	ng/L	F009426	
Hg2700-1	00	SAM	0100073-72	500	10/1/20 3:07	1207-1-RAW	3:07:01	12.4594838	3		11.1	0.050	ng/L	F009426	
Hg2700-1	00	SAM	0100073-75	500	10/1/20 3:17	1208-1-RAW	3:17:17	71.47395833	3		5.8	0.072	ng/L	F009426	
Hg2700-1	00	SAM	0100073-77	500	10/1/20 3:27	1209-1-RAW	3:27:33	12.1490162	3		11.3	0.092	ng/L	F009426	
Hg2700-1	00	SAM	0100073-73	500	10/1/20 3:37	1210-1-RAW	3:37:49	12.66332559	3		11.3	0.092	ng/L	F009426	
Hg2700-1	00	CAL	SEQ-COVI	1	10/1/20 3:48	1211-1-RAW	3:48:05	77.39010417	3		76.0	0.584	ng/L	116.0154978	
Hg2700-1	00	CAL	SEQ-COBI	1	10/1/20 3:58	1212-1-RAW	3:58:21	0			-1.4	-0.011	ng/L		
Hg2700-1	00	SAM	0100073-74	500	10/1/20 4:08	1213-1-RAW	4:08:37	10.05332755	3		8.7	0.072	ng/L	F009426	
Hg2700-1	00	SAM	0100073-75	500	10/1/20 4:18	1214-1-RAW	4:18:53	9.98202315	3		8.6	0.072	ng/L	F009426	
Hg2700-1	00	SAM	0100073-78	500	10/1/20 4:29	1215-1-RAW	4:29:09	10.06886574	3		8.7	0.072	ng/L	F009426	
Hg2700-1	00	SAM	0100073-81	500	10/1/20 4:39	1216-1-RAW	4:39:25	28.59639444	3		27.2	0.245	ng/L	F009426	
Hg2700-1	00	SAM	0100073-82	500	10/1/20 4:49	1217-1-RAW	4:49:41	13.44455671	3		12.1	0.098	ng/L	F009426	
Hg2700-1	00	SAM	0100073-84	500	10/1/20 4:59	1218-1-RAW	4:59:57	5.238193281	3		3.9	0.035	ng/L	F009426	
Hg2700-1	00	SAM	0100073-85	500	10/1/20 5:10	1219-1-RAW	5:10:13	7.9234375	3		6.6	0.056	ng/L	F009426	
Hg2700-1	00	SAM	0100073-90	500	10/1/20 5:20	1220-1-RAW	5:20:29	10.40610532	3		9.0	0.075	ng/L	F009426	
Hg2700-1	00	SAM	0100073-91	500	10/1/20 5:30	1221-1-RAW	5:30:45	21.86342593	4		0.8	0.017	ng/L	F009426	
Hg2700-1	00	CAL	SEQ-COVK	1	10/1/20 5:41	1222-1-RAW	5:41:01	13.90943287	4		0.0	0.011	ng/L	F009427	
Hg2700-1	00	CAL	SEQ-CCKB	1	10/1/20 5:51	1223-1-RAW	5:51:17	71.18518519	4		69.8	0.537	ng/L	106.5461625	
Hg2700-1	00	CAL	SEQ-CCKB	1	10/1/20 6:01	1224-1-RAW	6:01:33	0			-1.4	-0.011	ng/L		
Hg2700-1	00	SAM	0100073-93	500	10/1/20 6:11	1225-1-RAW	6:11:49	3.296846065	4		1.9	0.025	ng/L	F009427	
Hg2700-1	00	SAM	0100073-94	500	10/1/20 6:22	1226-1-RAW	6:22:05	5.507949537	4		4.1	0.042	ng/L	F009427	
Hg2700-1	00	SAM	0100073-96	500	10/1/20 6:32	1227-1-RAW	6:32:21	3.54549981	4		2.0	0.026	ng/L	F009427	
Hg2700-1	00	SAM	0100073-97	500	10/1/20 6:42	1228-1-RAW	6:42:37	2.883391204	4		1.5	0.022	ng/L	F009427	
Hg2700-1	00	SAM	0100073-98	500	10/1/20 6:52	1229-1-RAW	6:52:53	2.262268519	4		0.9	0.017	ng/L	F009427	
Hg2700-1	00	SAM	0100073-99	500	10/1/20 7:03	1230-1-RAW	7:03:09	1.13052662	4		-0.2	0.009	ng/L	F009427	
Hg2700-1	00	SAM	0100073-A8	500	10/1/20 7:13	1231-1-RAW	7:13:25	5.244618056	4		1.4	0.021	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AE	500	10/1/20 7:23	1232-1-RAW	7:23:41	0			1.4	0.000	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AE	500	10/1/20 7:33	1233-1-RAW	7:33:57	27.99988426	4		3.9	0.040	ng/L	F009427	
Hg2700-1	00	CAL	SEQ-COVL	1	10/1/20 7:44	1234-1-RAW	7:44:13	2.77025463	4		0.9	0.018	ng/L	F009427	
Hg2700-1	00	CAL	SEQ-COVL	1	10/1/20 7:54	1235-1-RAW	7:54:29	77.26304977	4		75.9	0.584	ng/L	115.8215999	
Hg2700-1	00	CAL	SEQ-COVL	1	10/1/20 8:04	1236-1-RAW	8:04:45	0			-1.4	-0.011	ng/L		
Hg2700-1	00	SAM	0100073-AH	500	10/1/20 8:15	1237-1-RAW	8:15:01	1.818344907	4		0.4	0.014	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AK	500	10/1/20 8:25	1238-1-RAW	8:25:17	8.15625	4		6.2	0.063	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AL	500	10/1/20 8:35	1239-1-RAW	8:35:33	22.60850694	4		21.2	0.174	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AM	500	10/1/20 8:45	1240-1-RAW	8:45:49	11.64241898	4		10.3	0.090	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AO	500	10/1/20 8:56	1241-1-RAW	8:56:05	5.85640972	4		4.5	0.045	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AP	500	10/1/20 9:06	1242-1-RAW	9:06:21	3.426012731	4		2.1	0.026	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AR	500	10/1/20 9:16	1243-1-RAW	9:16:37	3.4453125	4		2.1	0.026	ng/L	F009427	
Hg2700-1	00	SAM	0100073-AS	500	10/1/20 9:26	1244-1-RAW	9:26:53	2.4354548611	5		1.1	0.019	ng/L	F009428	
Hg2700-1	00	SAM	0100073-AU	500	10/1/20 9:37	1245-1-RAW	9:37:09	0	5		-1.4	0.000	ng/L	F009428	
Hg2700-1	00	SAM	0100073-AV	500	10/1/20 9:47	1246-1-RAW	9:47:25	0	5		-1.4	0.000	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-COVM	1	10/1/20 9:57	1247-1-RAW	9:57:41	57.91076389	5		56.5	0.435	ng/L	86.28804994	
Hg2700-1	00	CAL	SEQ-COVM	1	10/1/20 10:07	1248-1-RAW	10:07:57	0			-1.4	-0.011	ng/L		
Hg2700-1	00	SAM	0100073-AZ	500	10/1/20 10:18	1249-1-RAW	10:18:13	1.576678241	5		0.2	0.012	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BA	500	10/1/20 10:28	1250-1-RAW	10:28:29	10.83119213	5		9.5	0.083	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BC	500	10/1/20 10:38	1251-1-RAW	10:38:45	9.502864958	5		8.1	0.073	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BA	500	10/1/20 10:49	1252-1-RAW	10:49:01	6.976608572	5		5.6	0.054	ng/L	F009428	

Instrument	Analyst	Sample Type	Lab Number	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
H2700-1	00	SAM	0100073-BD	500	10/2/20 10:59	1253-1-RAW	10:59:17	0	5		-1.4	0.000	0.000	ng/L	F009428
H2700-1	00	SAM	0100073-BF	500	10/2/20 11:09	1254-1-RAW	11:09:33	15.6306713	5		14.3	0.120	60.088	ng/L	F009428
H2700-1	00	SAM	0100073-BG	500	10/2/20 11:19	1255-1-RAW	11:19:49	7.251012731	5		5.9	0.056	27.875	ng/L	F009428
H2700-1	00	SAM	0100073-BH	500	10/2/20 11:30	1256-1-RAW	11:30:05	6.998553241	5		5.6	0.054	26.904	ng/L	F009428
H2700-1	00	SAM	0100073-BI	500	10/2/20 11:40	1257-1-RAW	11:40:21	3.584953704	5		2.2	0.028	13.781	ng/L	F009428
H2700-1	00	SAM	0100084-02	2500	10/2/20 11:50	1258-1-RAW	11:50:37	16.45744516	5		15.1	0.118	295.277	ng/L	F009428
H2700-1	00	CAL	SEQ-CCVN	1	10/2/20 12:00	1259-1-RAW	12:00:53	57.57575463	5		56.2	0.432	0.432	ng/L	85.70322105
H2700-1	00	CAL	SEQ-CCBN	1	10/2/20 12:11	1260-1-RAW	12:11:09	0	5		-1.4	-0.011	-0.011	ng/L	
H2700-1	00	SAM	0100084-03	2500	10/2/20 12:21	1261-1-RAW	12:21:25	6.7828125	5		5.4	0.044	109.319	ng/L	F009428
H2700-1	00	SAM	0100085-01	2500	10/2/20 12:31	1262-1-RAW	12:31:41	11.63252315	5		10.3	0.081	202.536	ng/L	F009428
H2700-1	00	SAM	0100086-01	2500	10/2/20 12:41	1263-1-RAW	12:41:57	354.0954699	5		352.7	2.714	6785.120	ng/L	F009428
H2700-1	00	CAL	SEQ-CCVO	500	10/2/20 12:52	1264-1-RAW	12:52:13	0.710821759	5		-0.7	0.005	2.733	ng/L	F009428
H2700-1	00	CAL	SEQ-CCBO	1	10/2/20 13:02	1265-1-RAW	13:02:29	48.41099537	5		47.0	0.362	0.362	ng/L	71.7904402
H2700-1	00	SAM	0100043-51RE1	1.25	10/2/20 13:12	1266-1-RAW	13:12:45	0	5		-1.4	-0.011	-0.011	ng/L	
H2700-1	00	SAM	0100043-52RE1	1.25	10/2/20 13:23	1267-1-RAW	13:23:01	43.48333333	5		42.1	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-53RE1	1.25	10/2/20 13:33	1268-1-RAW	13:33:17	86.61247106	5		85.2	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-54RE1	1.25	10/2/20 13:43	1269-1-RAW	13:43:33	103.7061921	5		102.3	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-55RE1	1.25	10/2/20 13:53	1270-1-RAW	13:53:49	97.18046875	5		95.8	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-56RE1	1.25	10/2/20 14:04	1271-1-RAW	14:04:05	57.1962307	5		55.8	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-57RE1	1.25	10/2/20 14:14	1272-1-RAW	14:14:21	106.4430266	5		105.1	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-58RE1	1.25	10/2/20 14:24	1273-1-RAW	14:24:37	55.53738426	5		54.2	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-59RE1	1.25	10/2/20 14:34	1274-1-RAW	14:34:53	104.4570602	5		103.1	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	0100043-60RE1	1.25	10/2/20 14:44	1275-1-RAW	14:45:09	32.64094329	5		31.3	Error	#VALUE!	ng/L	F009389
H2700-1	00	CAL	SEQ-CCVP	1.25	10/2/20 14:55	1276-1-RAW	14:55:25	26.35413773	5		25.0	Error	#VALUE!	ng/L	F009389
H2700-1	00	CAL	SEQ-CCBP	1.25	10/2/20 15:05	1277-1-RAW	15:05:41	55.70329861	5		54.3	Error	#VALUE!	ng/L	F009389
H2700-1	00	SAM	F009391-95A	10	10/2/20 15:15	1278-1-RAW	15:15:57	0.83287037	5		-0.5	0.418	0.418	ng/L	82.51923416
H2700-1	00	SAM	F009391-BSD4	10	10/2/20 15:26	1279-1-RAW	15:26:13	195.5648148	5		194.2	Error	#VALUE!	ng/L	F009391
H2700-1	00	SAM	F009392-853	10	10/2/20 15:36	1280-1-RAW	15:36:29	139.5289931	5		138.2	Error	#VALUE!	ng/L	F009391
H2700-1	00	SAM	F009392-853	10	10/2/20 15:46	1281-1-RAW	15:46:45	119.9339112	5		118.6	Error	#VALUE!	ng/L	F009392
H2700-1	00	SAM	F009425-M53	500	10/2/20 16:07	1283-1-RAW	16:07:17	129.6873264	2		128.3	Error	#VALUE!	ng/L	F009392
H2700-1	00	SAM	F009425-M5D3	500	10/2/20 16:17	1284-1-RAW	16:17:33	186.062037	2		184.7	1.419	708.727	ng/L	F009425
H2700-1	00	SAM	0100073-67RE1	500	10/2/20 16:27	1285-1-RAW	16:27:49	193.8303819	3		192.5	1.479	739.591	ng/L	F009425
H2700-1	00	SAM	F009426-M53	500	10/2/20 16:38	1286-1-RAW	16:38:05	20.69687992	3		19.3	0.154	76.967	ng/L	F009426
H2700-1	00	SAM	F009426-M5D4	500	10/2/20 16:48	1287-1-RAW	16:48:21	190.9575521	3		189.6	1.463	731.484	ng/L	F009426
H2700-1	00	CAL	SEQ-CCVQ	1	10/2/20 17:08	1289-1-RAW	16:58:37	7.97416088	3		6.6	0.056	28.051	ng/L	F009426
H2700-1	00	CAL	SEQ-CCBQ	1	10/2/20 17:19	1290-1-RAW	17:19:09	73.17766204	3		71.8	0.552	0.552	ng/L	109.5868841
H2700-1	00	SAM	F009426-M54	500	10/2/20 17:29	1291-1-RAW	17:29:25	197.3052083	3		195.9	1.512	755.886	ng/L	F009426
H2700-1	00	SAM	F009426-M5D4	500	10/2/20 17:39	1292-1-RAW	17:39:41	192.0094329	3		190.6	1.471	735.528	ng/L	F009426
H2700-1	00	SAM	0100073-66RE1	500	10/2/20 17:49	1293-1-RAW	17:49:57	115.44444444	4		114.2	0.099	44.380	ng/L	F009427
H2700-1	00	SAM	F009427-M53	500	10/2/20 18:00	1294-1-RAW	18:00:13	203.7138889	4		202.3	1.566	783.127	ng/L	F009427
H2700-1	00	SAM	F009427-M5D3	500	10/2/20 18:10	1295-1-RAW	18:10:29	190.1010706	4		188.7	1.462	730.796	ng/L	F009427
H2700-1	00	SAM	0100073-67RE1	500	10/2/20 18:20	1296-1-RAW	18:20:45	12.27818287	4		10.9	0.094	47.200	ng/L	F009427
H2700-1	00	SAM	F009427-M54	500	10/2/20 18:31	1297-1-RAW	18:31:01	197.1738715	4		195.8	1.516	737.986	ng/L	F009427
H2700-1	00	SAM	F009427-M5D4	500	10/2/20 18:41	1298-1-RAW	18:41:17	242.3023727	4		240.9	1.663	931.471	ng/L	F009427
H2700-1	00	SAM	0100073-AXRE1	500	10/2/20 18:51	1299-1-RAW	18:51:33	8.691840278	5		7.3	0.067	33.414	ng/L	F009428
H2700-1	00	CAL	SEQ-CCVR	1	10/2/20 19:01	1300-1-RAW	19:01:49	187.6236111	5		186.3	1.443	721.272	ng/L	F009428
H2700-1	00	CAL	SEQ-CCBR	1	10/2/20 19:12	1301-1-RAW	19:12:05	72.12789352	5		70.8	0.544	0.544	ng/L	107.9848309
H2700-1	00	SAM	F009428-M5D5	500	10/2/20 19:22	1302-1-RAW	19:22:21	109.737963	5		-0.3	-0.002	-0.002	ng/L	F009428 - RAW AS MSD3, UPLOADED AS N
H2700-1	00	SAM	0100084-0JRE1	2500	10/2/20 19:32	1303-1-RAW	19:32:37	189.8989856	5		188.5	1.460	729.866	ng/L	F009428
H2700-1	00	SAM	F009428-M54	2500	10/2/20 19:42	1304-1-RAW	19:42:53	21.93660301	5		20.6	0.160	400.594	ng/L	F009428
H2700-1	00	SAM	F009428-M5D4	2500	10/2/20 19:53	1305-1-RAW	19:53:09	51.03715278	5		49.7	0.394	959.942	ng/L	F009428
H2700-1	00	SAM	0100084-02RE1	500	10/2/20 20:03	1306-1-RAW	20:03:25	39.89574653	5		38.5	0.298	745.791	ng/L	F009428
H2700-1	00	SAM	0100084-03RE1	500	10/2/20 20:13	1307-1-RAW	20:13:41	50.53420138	5		49.2	0.389	194.266	ng/L	F009428
H2700-1	00	CAL	SEQ-CCVS	1	10/2/20 20:23	1308-1-RAW	20:23:57	32.24522669	5		30.9	0.248	123.959	ng/L	F009428
H2700-1	00	CAL	SEQ-CCBS	1	10/2/20 20:34	1309-1-RAW	20:34:13	17.83002247	5		16.5	0.127	0.127	ng/L	25.12077561
H2700-1	00	CAL	SEQ-CCBS	1	10/2/20 20:44	1310-1-RAW	20:44:29	0	5		-1.4	-0.011	-0.011	ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	BLK	F009424-BLK5	500	10/1/20 20:55	1047-1-RAW	20:55:42	1.18			-0.2	-0.001	-0.731	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK6	500	10/1/20 21:05	1048-1-RAW	21:05:57	1.30			-0.1	-0.001	-0.274	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK7	500	10/1/20 21:16	1049-1-RAW	21:16:14	0.00			-1.4	-0.011	-5.264	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CV05	500	10/1/20 21:26	1050-1-RAW	21:26:30	1.99			0.6	0.005	2.400	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK8	500	10/1/20 21:36	1051-1-RAW	21:36:46	60.35			59.0	0.453	0.453	ng/L	F009425
Hg2700-1	00	BLK	F009424-BLK9	500	10/1/20 21:47	1052-1-RAW	21:47:02	1.12			-0.3	-0.002	-0.002	ng/L	90.00478681
Hg2700-1	00	BLK	F009424-BLK10	500	10/1/20 22:07	1053-1-RAW	22:07:17	2.33			1.0	0.007	0.007	ng/L	F009425
Hg2700-1	00	SAM	F009424-BLK11	500	10/1/20 22:17	1054-1-RAW	22:17:33	0.93			-1.4	-0.003	-0.003	ng/L	F009425
Hg2700-1	00	SAM	F009424-BLK12	500	10/1/20 22:28	1055-1-RAW	22:28:05	0.00			-0.4	-0.011	-1.706	ng/L	F009426
Hg2700-1	00	SAM	F009424-BLK13	500	10/1/20 22:38	1057-1-RAW	22:38:21	1.11			-0.3	-0.002	-5.264	ng/L	F009426
Hg2700-1	00	SAM	F009424-BLK14	500	10/1/20 0:00			0.00			-1.4	-0.011	-1.010	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV06	500	10/1/20 0:00						-1.4	-0.011	-5.264	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CV06	500	10/1/20 0:00						-1.4	-0.011	-5.264	ng/L	F009427
Hg2700-1	00	SAM	0100073-18	500	10/1/20 1:22						-1.4	-0.011	-5.264	ng/L	F009427
Hg2700-1	00	SAM	0100073-18	500	10/1/20 1:32						-1.4	-0.011	-5.264	ng/L	F009427
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 1:46	1059-1-RAW	1:22:30	71.97			0.543	0.543	0.543	ng/L	107.7395773
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 1:57	1060-1-RAW	1:32:45	1.14			-0.002	-0.002	-0.002	ng/L	F009424
Hg2700-1	00	SAM	F009424-MSD2	2500	10/1/20 2:07	1061-1-RAW	1:46:57	5.54			0.481	0.481	0.481	ng/L	F009424
Hg2700-1	00	SAM	F009424-MSD2	2500	10/1/20 2:17	1062-1-RAW	1:57:12	112.59			-0.008	-0.008	-0.008	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD2	2500	10/1/20 2:27	1063-1-RAW	2:07:28	166.73			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 2:38	1064-1-RAW	2:17:43	0.27			-0.008	-0.008	-0.008	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 2:48	1065-1-RAW	2:27:59	26.93			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 2:58	1066-1-RAW	2:38:14	21.44			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CV07	500	10/1/20 3:09	1067-1-RAW	2:48:30	5.90			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 3:19	1068-1-RAW	2:58:45	175.86			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 3:29	1069-1-RAW	3:09:01	184.44			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 3:39	1070-1-RAW	3:19:17	12.32			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 3:50	1071-1-RAW	3:29:33	63.90			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 4:00	1072-1-RAW	3:39:48	4.00			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 4:10	1073-1-RAW	4:00:21	197.24			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 4:20	1074-1-RAW	4:10:36	177.59			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 4:30	1075-1-RAW	4:20:53	187.85			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 4:41	1076-1-RAW	4:31:09	194.76			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 5:01	1077-1-RAW	4:41:25	8.27			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CV08	500	10/1/20 5:12	1078-1-RAW	4:51:41	166.02			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CV08	500	10/1/20 5:22	1079-1-RAW	5:01:58	167.94			0.481	0.481	0.481	ng/L	F009425
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 5:32	1080-1-RAW	5:12:14	14.11			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MSD1	500	10/1/20 5:43	1081-1-RAW	5:22:31	186.83			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 5:53	1082-1-RAW	5:32:47	41.25			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 6:03	1083-1-RAW	5:43:02	1.22			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 6:13	1084-1-RAW	5:53:18	6.03			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 6:24	1085-1-RAW	6:03:34	6.33			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 6:34	1086-1-RAW	6:13:50	191.74			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS1	500	10/1/20 6:44	1087-1-RAW	6:24:07	177.30			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	2500	10/1/20 6:54	1088-1-RAW	6:34:22	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV09	500	10/1/20 7:05	1089-1-RAW	6:44:39	6.54			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV09	500	10/1/20 7:15	1090-1-RAW	6:54:55	54.54			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 7:25	1091-1-RAW	7:05:11	16.71			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 7:36	1092-1-RAW	7:15:27	56.52			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 7:46	1093-1-RAW	7:25:44	51.24			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	2500	10/1/20 7:56	1094-1-RAW	7:36:00	51.60			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:06	1095-1-RAW	7:46:16	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:17	1096-1-RAW	7:56:32	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:27	1097-1-RAW	8:06:48	408.43			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:37	1100-1-RAW	8:17:04	5.93			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:47	1101-1-RAW	8:27:20	3.47			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 8:58	1102-1-RAW	8:37:36	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 9:08	1103-1-RAW	8:47:52	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV10	500	10/1/20 9:18	1104-1-RAW	8:58:08	13.82			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV10	500	10/1/20 9:28	1105-1-RAW	9:08:24	11.62			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CV10	500	10/1/20 9:39	1106-1-RAW	9:18:40	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 9:49	1107-1-RAW	9:28:55	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 9:59	1108-1-RAW	9:39:11	53.91			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 10:09	1109-1-RAW	9:49:26	0.27			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 10:20	1110-1-RAW	9:59:42	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 10:30	1111-1-RAW	10:09:57	0.00			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 10:40	1112-1-RAW	10:20:13	10.86			0.481	0.481	0.481	ng/L	F009426
Hg2700-1	00	SAM	F009424-MS2	500	10/1/20 10:50	1112-1-RAW	10:30:28	15.33			0.481	0.481	0.481	ng/L	F009426

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Unconnected Responses	Batch ID	Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100073-21	500	10/1/20 10:40	1113-1.RAW	10:40:44	0.00			-1.4	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100073-23	500	10/1/20 10:51	1115-1.RAW	10:51:00	8.11			6.7	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100073-24	500	10/1/20 11:01	1116-1.RAW	11:01:17	7.95			6.6	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100076-01	500	10/1/20 11:11	1117-1.RAW	11:11:33	9.43			2.4	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100073-26	500	10/1/20 11:21	1118-1.RAW	11:21:49	6.10			8.1	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100073-29	500	10/1/20 11:32	1119-1.RAW	11:32:05	50.78			4.7	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CCVB	1	10/1/20 11:42	1120-1.RAW	11:42:21	3.40			49.4	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	CAL	SEQ-CCBB	1	10/1/20 11:52	1121-1.RAW	12:02:37	0.30			2.0	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	0100073-30	500	10/1/20 12:02	1122-1.RAW	12:13:10	0.30			-0.011	Error	#VALUE!	ng/L	75.40676172
Hg2700-1	00	SAM	0100073-33	500	10/1/20 12:13	1123-1.RAW	12:23:26	4.62			0.9	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-35	500	10/1/20 12:23	1124-1.RAW	12:33:43	20.61			1.4	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-38	500	10/1/20 12:33	1125-1.RAW	12:43:59	18.45			3.2	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-41	500	10/1/20 12:43	1126-1.RAW	12:54:15	10.54			19.2	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-43	500	10/1/20 13:04	1127-1.RAW	13:04:31	9.51			17.1	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVC	1	10/1/20 13:14	1128-1.RAW	13:14:47	11.20			8.1	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCBC	1	10/1/20 13:25	1129-1.RAW	13:25:03	7.47			9.8	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-45	500	10/1/20 13:35	1130-1.RAW	13:35:19	0.00			6.1	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-51	500	10/1/20 13:45	1131-1.RAW	13:45:35	11.40			0.378	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-52	500	10/1/20 13:55	1132-1.RAW	14:06:07	7.86			-0.011	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	0100073-53	500	10/1/20 14:06	1133-1.RAW	14:16:23	6.27			0.399	Error	#VALUE!	ng/L	74.99516476
Hg2700-1	00	BLK	F009425-BLK1	500	10/1/20 14:16	1134-1.RAW	14:26:39	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009425-BLK2	500	10/1/20 14:26	1135-1.RAW	14:36:55	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009427-BLK1	500	10/1/20 14:36	1136-1.RAW	14:47:11	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009428-BLK1	500	10/1/20 14:47	1137-1.RAW	14:57:28	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009428-BLK2	500	10/1/20 15:07	1138-1.RAW	15:07:44	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009428-BLK3	500	10/1/20 15:17	1139-1.RAW	15:17:59	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVD	1	10/1/20 15:28	1140-1.RAW	15:28:15	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-B51	1.25	10/1/20 15:38	1141-1.RAW	15:38:31	53.25			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-B5D1	1.25	10/1/20 15:48	1142-1.RAW	15:48:47	128.16			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-B51	1.25	10/1/20 15:59	1143-1.RAW	15:59:03	137.40			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009389-BLK1	1.25	10/1/20 16:09	1144-1.RAW	16:09:18	125.56			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009389-BLK2	1.25	10/1/20 16:19	1145-1.RAW	16:19:34	27.98			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009389-BLK3	1.25	10/1/20 16:29	1146-1.RAW	16:29:51	134.73			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009443-BLK1	1.25	10/1/20 16:40	1147-1.RAW	16:40:06	160.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009443-BLK2	1.25	10/1/20 16:50	1148-1.RAW	16:50:22	27.98			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	BLK	F009443-BLK3	1.25	10/1/20 17:00	1149-1.RAW	17:00:39	8.64			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVE	1	10/1/20 17:10	1150-1.RAW	17:10:55	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCBE	1	10/1/20 17:21	1151-1.RAW	17:21:11	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-M51	1.25	10/1/20 17:31	1152-1.RAW	17:31:28	1.13			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-M5D1	1.25	10/1/20 17:41	1153-1.RAW	17:41:44	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-M52	1.25	10/1/20 18:02	1154-1.RAW	18:02:16	76.96			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009389-M5D2	1.25	10/1/20 18:12	1155-1.RAW	18:12:32	5.63			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-M51	1.25	10/1/20 18:54	1159-1.RAW	18:54:13	422.30			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-M5D1	1.25	10/1/20 19:04	1160-1.RAW	19:04:29	40.14			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-M5D2	1.25	10/1/20 19:14	1161-1.RAW	19:14:45	152.44			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVF	1	10/1/20 19:25	1162-1.RAW	19:25:01	151.28			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCBF	1	10/1/20 19:35	1163-1.RAW	19:35:17	1.88			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-51	50	10/1/20 19:45	1164-1.RAW	19:45:33	166.28			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-52	50	10/1/20 20:06	1165-1.RAW	20:06:05	1.11			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-53	50	10/1/20 20:16	1166-1.RAW	20:16:21	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-54	50	10/1/20 20:26	1167-1.RAW	20:26:37	2.87			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-55	50	10/1/20 20:36	1168-1.RAW	20:36:53	3.06			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-56	50	10/1/20 20:47	1170-1.RAW	20:47:09	9.28			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-57	50	10/1/20 20:57	1171-1.RAW	20:57:25	2.03			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-58	50	10/1/20 21:07	1172-1.RAW	21:07:41	3.58			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-59	50	10/1/20 21:17	1173-1.RAW	21:17:57	3.08			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-60	50	10/1/20 21:28	1174-1.RAW	21:28:13	2.56			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVG	1	10/1/20 21:38	1175-1.RAW	21:38:29	0.00			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVH	1	10/1/20 21:48	1176-1.RAW	21:48:45	1.27			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVI	1	10/1/20 21:59	1177-1.RAW	21:59:07	9.56			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	CAL	SEQ-CCVJ	1	10/1/20 22:09	1178-1.RAW	22:09:17	1.84			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-23	1.25	10/1/20 22:19	1180-1.RAW	22:19:33	11.63			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-24	1.25	10/1/20 22:29	1181-1.RAW	22:29:49	6.85			0.399	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009443-25	1.25	10/1/20 22:40	1182-1.RAW	22:50:21	3			0.399	Error	#VALUE!	ng/L	F009425

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FieldID	Run End	Unconnected Responses	Batch ID	No PG Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100043-26	1.25	10/1/20 23:00	1184-1.RAW	23:00:37	5.23	3		3.9	-0.054	-0.057	ng/L	F009389
Hg2700-1	00	SAM	0100043-27	1.25	10/1/20 23:10	1184-1.RAW	23:10:53	2.25	3		0.9	-0.077	-0.096	ng/L	F009389
Hg2700-1	00	SAM	0100043-28	1.25	10/1/20 23:10	1184-1.RAW	23:10:53	5.58	3		4.2	-0.051	-0.064	ng/L	F009389
Hg2700-1	00	SAM	0100043-29	1.25	10/1/20 23:31	1186-1.RAW	23:31:09	17.82	3		16.5	0.043	0.054	ng/L	F009389
Hg2700-1	00	SAM	0100043-30	1.25	10/1/20 23:41	1187-1.RAW	23:41:41	9.35	3		8.0	-0.022	-0.027	ng/L	F009389
Hg2700-1	00	SAM	0100075-01	1.25	10/1/20 23:51	1188-1.RAW	23:51:57	5.61	3		4.2	0.040	0.050	ng/L	F009443
Hg2700-1	00	SAM	0100075-02	1.25	10/1/20 00:02	1189-1.RAW	00:02:13	7.53	4		6.2	0.055	0.069	ng/L	F009443
Hg2700-1	00	SAM	0100075-03	1.25	10/1/20 00:12	1190-1.RAW	00:12:29	9.96	4		8.6	0.074	0.092	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVHI	1.25	10/1/20 00:43	1191-1.RAW	00:43:01	71.36	4		70.0	0.538	0.538	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:03	1192-1.RAW	00:43:17	0.00	4		1.4	-0.011	-0.011	ng/L	106.8103158
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:14	1193-1.RAW	00:53:33	9.45	4		8.1	0.070	0.087	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:24	1194-1.RAW	00:53:33	12.05	4		8.0	0.069	0.087	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:34	1195-1.RAW	00:53:33	12.05	4		10.7	0.090	0.112	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:44	1196-1.RAW	00:53:33	12.05	4		0.4	0.004	0.014	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 1:55	1197-1.RAW	00:53:33	12.05	4		0.004	0.005	0.005	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:05	1200-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:15	1201-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:25	1202-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:35	1203-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:46	1204-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 2:56	1205-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:07	1206-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:17	1207-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:27	1208-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:37	1209-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:48	1210-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 3:58	1211-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:08	1212-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:18	1213-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:29	1214-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:39	1215-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:49	1216-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 4:59	1217-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 5:10	1218-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 5:20	1219-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 5:30	1220-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 5:41	1221-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 5:51	1222-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:01	1223-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:11	1224-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:22	1225-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:32	1226-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:42	1227-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 6:52	1228-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:03	1229-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:13	1230-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:23	1231-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:33	1232-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:44	1233-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 7:54	1234-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:04	1235-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:15	1236-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:25	1237-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:35	1238-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:45	1239-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 8:56	1240-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:06	1241-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:16	1242-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:26	1243-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:37	1244-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:47	1245-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 9:57	1246-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:07	1247-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:18	1248-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:28	1249-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:38	1250-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:49	1251-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVBI	1.25	10/1/20 10:59	1252-1.RAW	00:53:33	12.05	4		0.008	0.008	0.008	ng/L	F009443

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100073-BD	500	10/2/20 10:59	1253-1-RAW	10:59:17	0			-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BF	500	10/2/20 11:09	1254-1-RAW	11:09:33	15.6306713			14.3	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BG	500	10/2/20 11:19	1255-1-RAW	11:19:49	7.251012731			5.9	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BH	500	10/2/20 11:30	1256-1-RAW	11:30:05	6.998953294			5.6	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100094-02	2500	10/2/20 11:40	1257-1-RAW	11:40:21	3.584993704			2.2	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CVIV	2500	10/2/20 12:00	1258-1-RAW	11:50:37	16.45744516			15.1	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBIB	2500	10/2/20 12:11	1259-1-RAW	12:00:53	97.5275463			56.2	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100084-03	2500	10/2/20 12:21	1260-1-RAW	12:11:09	0			-1.4	Error	-0.011	ng/L	85.70322105
Hg2700-1	00	SAM	0100085-01	2500	10/2/20 12:31	1261-1-RAW	12:21:25	6.7628125			5.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100086-01	2500	10/2/20 12:41	1262-1-RAW	12:31:41	11.63252315			10.3	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CVVO	500	10/2/20 12:52	1263-1-RAW	12:41:57	354.0964699			352.7	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBBO	500	10/2/20 13:02	1264-1-RAW	12:52:13	0.710821759			0.7	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100043-51RE1	1	10/2/20 13:12	1265-1-RAW	13:02:29	46.41099537			47.0	Error	0.362	ng/L	F009428
Hg2700-1	00	SAM	0100043-52RE1	1.25	10/2/20 13:23	1266-1-RAW	13:12:45	0			-1.4	Error	-0.011	ng/L	71.7904402
Hg2700-1	00	SAM	0100043-53RE1	1.25	10/2/20 13:33	1267-1-RAW	13:23:01	43.48333333	3		42.1	Error	0.362	ng/L	F009428
Hg2700-1	00	SAM	0100043-54RE1	1.25	10/2/20 13:43	1268-1-RAW	13:33:17	86.61247106	3		85.2	Error	0.301	ng/L	F009389
Hg2700-1	00	SAM	0100043-55RE1	1.25	10/2/20 13:53	1269-1-RAW	13:43:33	103.7061921	3		102.3	Error	0.715	ng/L	F009389
Hg2700-1	00	SAM	0100043-56RE1	1.25	10/2/20 14:04	1270-1-RAW	13:53:49	97.18046975	3		95.8	Error	0.817	ng/L	F009389
Hg2700-1	00	SAM	0100043-57RE1	1.25	10/2/20 14:14	1271-1-RAW	14:04:05	57.1962307	3		55.8	Error	0.432	ng/L	F009389
Hg2700-1	00	SAM	0100043-58RE1	1.25	10/2/20 14:24	1272-1-RAW	14:14:21	106.4430266	3		105.1	Error	0.306	ng/L	F009389
Hg2700-1	00	SAM	0100043-59RE1	1.25	10/2/20 14:34	1273-1-RAW	14:24:37	55.53738426	3		54.2	Error	0.416	ng/L	F009389
Hg2700-1	00	CAL	SEQ-CVCP	500	10/2/20 14:45	1274-1-RAW	14:34:53	104.4570602	3		103.1	Error	0.887	ng/L	F009389
Hg2700-1	00	CAL	SEQ-CBIB	500	10/2/20 14:55	1275-1-RAW	14:45:09	32.64094329	3		31.3	Error	0.196	ng/L	F009389
Hg2700-1	00	SAM	F009391-85A	1	10/2/20 15:05	1276-1-RAW	14:55:25	26.35413773	3		25.0	Error	0.136	ng/L	F009389
Hg2700-1	00	SAM	F009391-85D4	1	10/2/20 15:15	1277-1-RAW	15:05:41	55.70329861	3		54.3	Error	0.418	ng/L	F009389
Hg2700-1	00	SAM	F009392-853	10	10/2/20 15:26	1278-1-RAW	15:15:57	0.83287037	1		-0.004	Error	-0.004	ng/L	82.91922416
Hg2700-1	00	SAM	F009392-85D3	10	10/2/20 15:36	1280-1-RAW	15:26:13	195.5648148	1		194.2	Error	1.493	ng/L	F009391
Hg2700-1	00	SAM	F009425-MS3	500	10/2/20 15:46	1281-1-RAW	15:36:29	139.5289931	2		138.6	Error	9.866	ng/L	F009392
Hg2700-1	00	SAM	F009425-MSD3	500	10/2/20 15:57	1282-1-RAW	15:46:45	118.9333912	2		118.6	Error	9.866	ng/L	F009425
Hg2700-1	00	SAM	0100073-67RE1	500	10/2/20 16:07	1283-1-RAW	15:57:01	129.6873264	2		128.3	Error	9.866	ng/L	F009425
Hg2700-1	00	SAM	F009426-MS3	500	10/2/20 16:17	1284-1-RAW	16:07:17	186.062037	2		184.7	Error	9.866	ng/L	F009426
Hg2700-1	00	SAM	F009426-MSD3	500	10/2/20 16:28	1286-1-RAW	16:17:33	193.8303819	2		192.5	Error	9.866	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CVVO	500	10/2/20 16:48	1285-1-RAW	16:27:49	20.69895792	1		19.3	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CBBO	500	10/2/20 16:58	1286-1-RAW	16:38:05	190.9575521	1		189.6	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009426-MS4	500	10/2/20 17:08	1288-1-RAW	16:48:21	193.3516204	1		192.0	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009426-MSD4	500	10/2/20 17:19	1289-1-RAW	16:58:37	7.97416086	1		6.6	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-86RE1	500	10/2/20 17:29	1290-1-RAW	17:08:53	73.17766204	0		71.8	Error	0.552	ng/L	109.5668841
Hg2700-1	00	SAM	F009427-MS3	500	10/2/20 17:49	1291-1-RAW	17:19:09	197.3052083	0		-1.4	Error	-0.011	ng/L	F009427
Hg2700-1	00	SAM	F009427-MSD3	500	10/2/20 18:00	1292-1-RAW	17:29:25	192.0094329	0		195.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS4	500	10/2/20 18:10	1294-1-RAW	17:39:41	11.54444444	0		190.6	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009427-MSD4	500	10/2/20 18:20	1296-1-RAW	18:00:13	203.7138889	0		202.3	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-A4RE1	500	10/2/20 18:31	1297-1-RAW	18:10:29	190.1010706	0		188.7	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CVCR	500	10/2/20 18:41	1298-1-RAW	18:20:45	12.7818287	0		10.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CBIB	500	10/2/20 19:01	1300-1-RAW	18:31:01	197.1738715	0		195.8	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009428-MSD5	500	10/2/20 19:12	1301-1-RAW	18:41:17	242.3023727	0		240.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100084-01RE1	500	10/2/20 19:22	1302-1-RAW	18:51:33	8.691840278	0		186.3	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009428-MS4	2500	10/2/20 19:32	1303-1-RAW	19:01:49	187.6226111	0		186.3	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	F009428-MSD4	2500	10/2/20 19:42	1304-1-RAW	19:12:21	1.097337963	0		0.544	Error	0.544	ng/L	107.9848309
Hg2700-1	00	SAM	0100084-02RE1	2500	10/2/20 19:53	1305-1-RAW	19:22:21	189.8590856	0		-0.002	Error	-0.002	ng/L	F009428
Hg2700-1	00	SAM	0100084-03RE1	2500	10/2/20 20:03	1306-1-RAW	19:32:37	21.9360301	0		188.5	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CVOS	500	10/2/20 20:13	1307-1-RAW	19:42:53	51.03715278	0		49.7	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBOS	500	10/2/20 20:23	1308-1-RAW	20:03:09	39.89574653	0		38.5	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBOS	500	10/2/20 20:34	1309-1-RAW	20:13:41	50.53420139	0		30.9	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBOS	500	10/2/20 20:44	1310-1-RAW	20:23:57	32.45225669	0		16.5	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CBOS	500	10/2/20 20:44	1310-1-RAW	20:44:29	17.83002247	0		-0.011	Error	-0.011	ng/L	25.12077561

0100073-30	C19	500	1.37	912.87	7.79	492.62	1121-L-RAW	12:02:54	238.83	3.40	129.51	0.00	psample10	CT	1	F009425
0100073-32	C20	500	1.37	570.75	0.00	91.89	1122-L-RAW	12:13:10	149.84	0.50	75.27	0.00	psample10	CT	1	F009425
0100073-33	C21	500	1.37	1248.63	5.25	3290.24	1123-L-RAW	12:23:26	326.17	2.74	857.26	0.00	psample10	CT	1	F009425
0100073-35	A1	500	1.37	599.18	12.49	801.76	1124-L-RAW	12:33:43	157.23	4.62	209.93	0.00	psample10	CT	1	F009425
0100073-38	A2	500	1.37	874.30	73.98	2167.82	1125-L-RAW	12:43:59	228.80	20.61	565.28	0.00	psample10	OK	1	F009425
0100073-40	A4	500	1.37	696.66	65.67	519.30	1126-L-RAW	12:54:15	182.59	18.45	136.45	0.00	psample10	CT	1	F009425
0100073-41	A5	500	1.37	884.35	35.27	892.51	1127-L-RAW	13:04:31	231.41	10.54	233.54	0.00	psample10	CT	1	F009425
0100073-43	A7	500	1.37	1351.81	31.31	1174.19	1128-L-RAW	13:14:47	253.01	9.51	306.81	0.00	psample10	CT	1	F009425
0100073-44	A6	500	1.37	1013.78	37.79	861.20	1129-L-RAW	13:25:03	265.08	11.20	173.37	0.00	psample10	CT	1	F009425
SEQ-CCVC	A8	1	1.37	2148.18	23.44	1145.58	1130-L-RAW	13:35:19	560.17	7.47	299.37	0.00	psample10	CT	1	F009425
SEQ-CCBC	A9	1	1.37	1.92	0.38	0.00	1131-L-RAW	13:45:35	251.40	50.51	1.16	0.00	psample10	CT	1	F009425
0100073-45	A10	500	1.37	1614.47	38.55	895.40	1132-L-RAW	13:55:51	217.49	0.00	0.00	0.00	psample10	CT	1	F009425
0100073-51	A11	500	1.37	1049.36	25.02	646.80	1133-L-RAW	14:06:07	421.34	11.40	234.29	0.00	psample10	CT	1	F009425
0100073-52	A12	500	1.37	1232.68	22.30	1385.58	1134-L-RAW	14:16:23	274.34	7.88	169.62	0.00	psample10	CT	1	F009425
0100073-53	A13	500	1.37	1216.67	18.83	1249.78	1135-L-RAW	14:26:39	321.87	7.17	361.80	0.00	psample10	CT	1	F009425
F009425-BLK1	A14	500	1.37				1136-L-RAW	14:36:55	317.86	6.27	326.47	0.00	psample10	CT	1	F009425
F009427-BLK2	A15	500	1.37				1137-L-RAW	14:47:11	237.61	0.00	16.80	0.00	psample10	CT	1	F009425
F009428-BLK1	A17	500	1.37				1138-L-RAW	14:57:28	224.06	0.00	8.45	0.00	psample10	CT	1	F009425
F009428-BLK2	A18	500	1.37				1139-L-RAW	15:07:44	292.68	0.00	72.94	0.00	psample10	CT	1	F009425
F009428-BLK3	A19	500	1.37				1140-L-RAW	15:17:59	185.35	0.00	12.40	0.00	psample10	CT	1	F009425
SEQ-CCVD	A20	1	1.37	1.16	0.40		1141-L-RAW	15:28:15	160.25	0.00	0.00	0.00	psample10	CT	1	F009425
F009389-B51	B1	1.25	1.37	1.60	1.22		1142-L-RAW	15:38:31	159.50	0.00	46.17	0.00	psample10	CT	1	F009428
F009389-B52	B2	1.25	1.37	1.45	1.31	0.09	1143-L-RAW	15:48:47	152.62	53.25	0.00	0.00	psample10	CT	1	F009428
F009443-B51	B3	1.25	1.37	1.94	1.19	0.25	1144-L-RAW	15:59:03	137.86	0.00	0.00	0.00	psample10	CT	1	F009428
F009443-B52	B4	1.25	1.37	1.34	1.28		1145-L-RAW	16:09:18	167.63	128.16	0.00	0.00	psample10	OK	1	F009428
F009389-BLK1	B5	1.25	1.37	1.34	1.28		1146-L-RAW	16:19:34	152.59	137.40	10.97	0.00	psample10	CT	1	F009389
F009389-BLK2	B6	1.25	1.37	7.52	0.26	66.38	1147-L-RAW	16:29:51	207.75	125.56	26.93	0.00	psample10	CT	1	F009389
F009389-BLK3	B7	1.25	1.37	2.36	0.07	4.61	1148-L-RAW	16:40:06	140.30	134.73	0.00	0.00	psample10	CT	1	F009389
F009443-BLK1	B8	1.25	1.37				1149-L-RAW	16:50:22	781.98	27.96	6908.51	0.00	psample10	CT	1	F009443
F009443-BLK2	B9	1.25	1.37	1.17	0.00	0.07	1150-L-RAW	17:00:39	247.27	6.64	480.66	0.00	psample10	CT	1	F009443
F009443-BLK3	B10	1.25	1.37				1151-L-RAW	17:10:55	146.80	0.00	18.00	0.00	psample10	CT	1	F009443
SEQ-CCVE	B11	1	1.37	0.71	0.58	0.00	1152-L-RAW	17:21:11	117.29	0.00	8.43	0.00	psample10	CT	1	F009389
0100043-21	B12	1	1.37	0.82	0.04	0.05	1153-L-RAW	17:31:28	123.14	1.13	8.37	0.00	psample10	CT	1	F009389
F009389-MSD1	B14	1.25	1.37				1154-L-RAW	17:41:44	100.64	0.00	2.83	0.00	psample10	OK	1	F009389
0100043-22	B16	1.25	1.37	2.39	3.88	1.70	1155-L-RAW	18:02:16	84.36	0.00	1.42	0.00	psample10	OK	1	F009443
F009389-MSD2	B18	1.25	1.37	1.43	1.45	0.05	1156-L-RAW	18:12:32	86.41	5.63	6.29	0.00	psample10	CT	1	F009443
0100043-23	B19	1.25	1.37	1.42	1.44	0.01	1157-L-RAW									
F009443-MS1	B20	1.25	1.37	1.23	0.00	0.03										
F009443-MS2	B21	1.25	1.37	0.95	1.54	0.02										
0100043-51	C1	50	1.37	27.65	0.00	0.19	1159-L-RAW	18:54:13	251.55	492.30	178.57	0.00	psample10	EDX	1	F009389 - computer scan
SEQ-CCVF	C2	1	1.37	0.57	0.58		1160-L-RAW	19:04:30	140.88	10.14	15.15	0.00	psample10	CT	1	F009389 - er, no wash
0100043-52	C3	1	1.37	26.54	0.58	0.00	1161-L-RAW	19:14:47	150.47	152.44	6.24	0.00	psample10	CT	1	F009389
0100043-53	C4	50	1.37	23.99	0.65	0.38	1162-L-RAW	19:24:64	148.68	151.28	2.39	0.00	psample10	CT	1	F009389
0100043-54	C5	50	1.37	39.47	3.04	46.33	1163-L-RAW	19:34:81	129.86	1.88	4.09	0.00	psample10	OK	1	F009389
0100043-55	C6	50	1.37	22.68	0.30	0.26	1164-L-RAW	19:44:98	100.70	161.95	3.80	0.00	psample10	CT	1	F009389
0100043-56	C7	50	1.37	21.52	0.85	0.86	1165-L-RAW	19:54:15	86.90	166.28	1.64	0.00	psample10	CT	1	F009389
0100043-57	C8	50	1.37	22.65	0.56	0.26	1166-L-RAW	20:04:32	73.30	1.11	0.00	0.00	psample10	CT	1	F009389
0100043-58	C9	50	1.37	21.84	0.46	4.59	1167-L-RAW	20:14:49	70.46	76.34	0.00	0.00	psample10	CT	1	F009389
0100043-59	C10	50	1.37	20.54	0.00	1.29	1168-L-RAW	20:24:66	70.96	0.00	0.00	0.00	psample10	CT	1	F009389
0100043-60	C11	50	1.37	22.33	0.25	4.96	1169-L-RAW	20:34:83	63.78	2.87	1.06	0.00	psample10	CT	1	F009389
0100043-61	C12	1.25	1.37	0.80	0.08	0.19	1170-L-RAW	20:44:99	104.05	3.06	2.36	0.00	psample10	CT	1	F009389
SEQ-CCVG	C14	1	1.37	0.42	0.63	0.00	1171-L-RAW	20:55:16	60.37	9.28	129.70	0.00	psample10	CT	1	F009389
0100043-62	C15	1.25	1.37	0.38	0.00	0.00	1172-L-RAW	21:05:33	109.05	3.06	2.36	0.00	psample10	CT	1	F009389
0100043-63	C16	1.25	1.37	0.69	0.10	0.03	1173-L-RAW	21:15:50	60.37	2.14	2.04	0.00	psample10	CT	1	F009389
0100043-64	C17	1.25	1.37	0.72	0.05	0.04	1174-L-RAW	21:26:07	60.28	3.58	3.61	0.00	psample10	CT	1	F009389
0100043-65	C18	1.25	1.37	1.21	0.04	0.72	1175-L-RAW	21:36:24	3.08	10.71	10.71	0.00	psample10	CT	1	F009389
0100043-66	C19	1.25	1.37	1.25	0.01	0.18	1176-L-RAW	21:46:41	58.44	2.56	13.30	0.00	psample10	CT	1	F009389
0100043-67	C20	1.25	1.37	0.76	0.09	0.04	1177-L-RAW	21:56:58	54.81	1.27	4.72	0.00	psample10	CT	1	F009389
0100043-68	C21	1.25	1.37	0.69	0.16	0.20	1178-L-RAW	22:07:15	59.46	2.03	14.78	0.00	psample10	CT	1	F009389
0100043-69	C22	1.25	1.37	0.77	0.14	0.08	1179-L-RAW	22:17:32	84.83	9.56	20.86	0.00	psample10	CT	1	F009389
0100073-01	A2	1.25	1.37	0.71	0.04	0.11	1180-L-RAW	22:27:49	55.73	82.95	0.00	0.00	psample10	CT	1	F009389
0100073-02	A3	1.25	1.37	1.03	0.06	0.60	1181-L-RAW	22:38:06	50.68	1.84	0.00	0.00	psample10	CT	1	F009389
		1.25	1.37	0.71	0.04	0.11	1182-L-RAW	22:48:23	73.54	11.63	4.76	0.00	psample10	CT	1	F009389
		1.25	1.37	1.25	0.01	0.18	1183-L-RAW	22:58:40	6.85	5.48	0.00	0.00	psample10	OK	1	F009389
		1.25	1.37	0.69	0.16	0.20	1184-L-RAW	23:08:57	127.39	5.23	75.91	0.00	psample10	CT	1	F009389
		1.25	1.37	1.43	0.08	0.11	1185-L-RAW	23:19:14	131.53	2.25	19.60	0.00	psample10	OK	1	F009389
		1.25	1.37	0.71	0.04	0.06	1186-L-RAW	23:29:31	72.76	5.58	22.87	0.00	psample10	OK	1	F009389
		1.25	1.37	1.03	0.06	0.60	1187-L-RAW	23:39:48	149.86	9.35	12.95	0.00	psample10	OK	1	F009389
		1.25	1.37	0.71	0.04	0.06										

0100075-03	A4	1.25	1.37	0.71	0.08	0.09	1190-1.RAW	74.78	9.96	10.25	0.00	psample10	OK	1	F009443
SEQ-CCVH	A5	1	1.37	0.50	0.54		1191-1.RAW	66.74	71.36	0.00	0.00	psample10	OK	1	F009426
0100075-04	A7	1.25	1.37	0.59	0.08	0.03	1192-1.RAW	62.66	0.00	0.61	0.00	psample10	OK	1	F009426
0100075-05	A8	1.25	1.37	0.56	0.08	0.04	1193-1.RAW	62.60	9.45	4.42	0.00	psample10	OK	1	F009443
0100080-01	A9	1.25	1.37	0.57	0.10	0.00	1194-1.RAW	59.56	9.41	5.21	0.00	psample10	OK	1	F009443
0100080-02	A10	1.25	1.37	0.53	0.00	0.08	1195-1.RAW	60.92	12.05	1.41	0.00	psample10	OK	1	F009443
0100080-03	A11	1.25	1.37	0.51	0.00	0.00	1196-1.RAW	56.95	1.80	9.79	0.00	psample10	OK	1	F009443
SEQ-CCV1	A12	1	1.37	0.60	0.01	0.05	1197-1.RAW	54.32	0.86	0.00	0.00	psample10	OK	1	F009443
SEQ-CCB1	A13	1	1.37	0.42	0.63		1198-1.RAW	64.73	2.73	6.85	0.00	psample10	OK	1	F009443
0100073-57	A14	1	1.37	0.37	0.01		1199-1.RAW	56.57	83.47	0.00	0.00	psample10	OK	1	F009443
0100073-59	A15	500	1.3693	617.51859	61.48	1140.9605	1200-1.RAW	162.0036658	17.36238425	298.1659722	0.00	psample10	OK	1	F009426
0100073-60	A16	500	1.3693	1850.5111	17.54	3089.541	1201-1.RAW	472.2118276	0	84.55755208	0	psample10	OK	1	F009426
0100073-63	A18	500	1.3693	1139.2453	73.67	3078.6507	1202-1.RAW	482.7495203	5.932914909	805.0178794	0	psample10	OK	1	F009426
0100073-64	A19	500	1.3693	902.00706	42.60	1264.7951	1203-1.RAW	404.8436921	0	573.5748264	0	psample10	OK	1	F009426
0100073-66	A20	500	1.3693	820.22577	22.21	1692.0915	1204-1.RAW	297.7197917	20.533321759	789.22815648	0	psample10	OK	1	F009426
0100073-70	B1	500	1.3693	672.20019	41.44	1372.8775	1205-1.RAW	236.0072917	12.450944838	330.3789062	0	psample10	OK	1	F009426
0100073-72	B2	500	1.3693	814.03696	43.41	1321.6261	1206-1.RAW	176.2227906	12.1490162	358.4942708	0	psample10	OK	1	F009426
SEQ-CCV1	B4	1	1.3693	1.220558	0.58	0.0067452	1207-1.RAW	213.1273735	12.66134259	345.1622975	0	psample10	OK	1	F009426
0100073-74	B6	1	1.3693	910.82731	33.38	1082.9553	1211-1.RAW	160.1201389	77.39010417	2.246585648	0	psample10	OK	1	F009426
0100073-75	B7	500	1.3693	1076.5628	33.11	1003.5895	1212-1.RAW	126.4722801	0	0	0	psample10	OK	1	F009426
0100073-78	B8	500	1.3693	1015.9321	33.44	825.6107	1213-1.RAW	238.3016978	10.05332755	284.3772778	0	psample10	OK	1	F009426
0100073-79	B9	500	1.3693	1486.2808	104.64	1252.4188	1214-1.RAW	281.4142578	9.982002315	262.1716275	0	psample10	OK	1	F009426
0100073-81	B10	500	1.3693	1055.1574	46.43	1221.3521	1215-1.RAW	265.6424769	10.06866574	717.2769387	0	psample10	OK	1	F009426
0100073-82	B11	500	1.3693	1370.1087	14.87	1351.6804	1216-1.RAW	387.9937157	28.58663844	317.5649412	0	psample10	OK	1	F009426
0100073-84	B12	500	1.3693	893.91644	25.20	610.43832	1217-1.RAW	278.4472958	13.44655671	315.078125	0	psample10	OK	1	F009426
0100073-85	B13	500	1.3693	886.25275	34.74	741.80208	1218-1.RAW	357.774018	5.238191381	333.5005498	0	psample10	OK	1	F009426
0100073-90	B14	500	1.3693	853.54615	3.14	755.18677	1219-1.RAW	233.9026408	7.9234325	160.1618634	0	psample10	OK	1	F009426
SEQ-CCV1	B15	1	1.3693	916.83738	0.08	677.28666	1220-1.RAW	231.9091435	10.40610332	194.3333623	0	psample10	OK	1	F009426
SEQ-CCB1	B16	1	1.3693	1.3580245	0.54		1221-1.RAW	239.890162	1.380943287	177.81510417	0	psample10	OK	1	F009426
0100073-93	B18	500	1.3693	853.09577	7.41	2428.1994	1223-1.RAW	177.741068	1.18518519	0	0	psample10	OK	1	F009427
0100073-94	B19	500	1.3693	800.42958	15.91	991.56094	1224-1.RAW	163.4679169	0	0	0	psample10	OK	1	F009427
0100073-96	B20	500	1.3693	794.02026	7.60	811.57198	1225-1.RAW	223.2618537	3.296846065	633.0138889	0	psample10	OK	1	F009427
0100073-97	B21	500	1.3693	786.66441	5.82	857.38307	1226-1.RAW	209.5840639	5.507349537	259.3078356	0	psample10	OK	1	F009427
0100073-98	C1	500	1.3693	625.70275	3.43	531.86013	1227-1.RAW	192.3030856	3.349533981	212.4825231	0	psample10	OK	1	F009427
0100073-99	C2	500	1.3693	643.49709	0.00	619.33769	1228-1.RAW	200.9481127	2.883391284	224.39953056	0	psample10	OK	1	F009427
0100073-AB	C4	500	1.3693	749.63619	14.90	1272.1246	1229-1.RAW	168.7614005	1.11052662	162.4767994	0	psample10	OK	1	F009427
0100073-AC	C5	500	1.3693	692.96532	5.27	958.0163	1230-1.RAW	196.3712384	5.244618056	332.3635706	0	psample10	OK	1	F009427
0100073-AE	C6	500	1.3693	824.10005	3.49	4676.1668	1231-1.RAW	180.85625	0	123.697943	0	psample10	OK	1	F009427
SEQ-CCV1	C7	1	1.3693	1.1265813	0.58	0.0023364	1232-1.RAW	181.6295139	2.7399898426	250.5764097	0	psample10	OK	1	F009427
0100073-AH	C8	1	1.3693	592.02553	1.73	526.02946	1233-1.RAW	147.8973952	77.26304977	1.673148148	0	psample10	OK	1	F009427
0100073-AL	C10	500	1.3693	709.11084	26.09	1763.8314	1234-1.RAW	155.606211	1.818344907	136.2046875	0	psample10	OK	1	F009427
0100073-AM	C11	500	1.3693	646.35998	81.65	763.30074	1235-1.RAW	185.8294271	8.15825	460.1926215	0	psample10	OK	1	F009427
0100073-AN	C12	500	1.3693	945.37887	39.49	756.92469	1236-1.RAW	169.5061225	22.60850694	199.9357813	0	psample10	OK	1	F009427
0100073-AO	C13	500	1.3693	885.17328	17.25	605.87905	1237-1.RAW	247.2888083	11.64241898	198.2669571	0	psample10	OK	1	F009427
0100073-AP	C14	500	1.3693	870.04658	7.91	1074.4922	1238-1.RAW	231.6163356	3.866440972	158.9748264	0	psample10	OK	1	F009427
0100073-AQ	C15	500	1.3693	1533.943	7.98	1652.6802	1239-1.RAW	227.691394	3.566012731	280.8756366	0	psample10	OK	1	F009427
0100073-AS	C16	500	1.3693	1102.4976	4.10	366.53116	1240-1.RAW	405.5914681	3.44533125	431.2789931	0	psample10	OK	1	F009427
0100073-AU	C18	500	1.3693	1766.1959	0.43		1241-1.RAW	288.1666492	2.434548611	96.71458333	0	psample10	OK	1	F009428
SEQ-CCV1	C19	1	1.3693	1.7661959			1242-1.RAW	457.6394679	0	354.829919	0	psample10	OK	1	F009428
0100073-AV	C20	1	1.3693	717.42284	0.80	214.59054	1243-1.RAW	235.6470129	0	70.63515825	0	psample10	OK	1	F009428
0100073-AZ	A1	500	1.3693	1197.798	36.37	1405.6174	1244-1.RAW	210.7380208	0	0.566561343	0	psample10	OK	1	F009428
0100073-BA	A2	500	1.3693	1177.9925	31.27	1674.7459	1245-1.RAW	187.9916159	1.576678241	57.19045130	0	psample10	OK	1	F009428
0100073-BC	A3	500	1.3693	1740.3313	21.56	1756.7325	1246-1.RAW	312.9510387	10.83119213	362.0249843	0	psample10	OK	1	F009428
0100073-BD	A4	500	1.3693	1413.4697	54.82	2190.393	1247-1.RAW	307.7990451	9.502865583	437.0184028	0	psample10	OK	1	F009428
0100073-BE	A5	500	1.3693	1152.6183	22.61	947.16965	1248-1.RAW	324.015162	6.976608572	458.3160609	0	psample10	OK	1	F009428
0100073-BG	A6	500	1.3693	1371.0463	71.64	1225.2896	1249-1.RAW	369.0534493	1.250107731	371.135588	0	psample10	OK	1	F009428
0100073-BH	A7	500	1.3693	1360.3794	8.52	1573.3552	1250-1.RAW	301.198484	7.25101721	247.7533819	0	psample10	OK	1	F009428
0100073-BI	A8	2500	1.3693	1394.1638	290.01	2676.5097	1251-1.RAW	332.0050347	6.988553241	320.1050059	0	psample10	OK	1	F009428
0100073-02	A9	2500	1.3693	1394.1638	290.01	2676.5097	1252-1.RAW	355.2431423	3.584953704	410.6962963	0	psample10	OK	1	F009428
								726.6936153	16.454746516	1405.167245	0	psample10	OK	1	F009428

SEQ-CCWV	A10	1.3693	3.107409	0.43	0	1259-1.RAW	405.5325691	57.5725463	0.751215278	0	psample10	1	F009428	
SEQ-CCBN	A11	2500	1.3693	7213.1344	104.06	89.904378	295.6247164	6.7828125	6.046614583	0	psample10	1	F009428	
000084-03	A12	2500	1.3693	8427.2981	167.27	159.816574	376.6380833	11.63252315	2.400372722	0	psample10	1	F009428	
000085-01	A13	2500	1.3693	6577.8104	679.86	396.276537	438.8058738	354.0964659	21.985890669	0	psample10	1	F009428	
000086-01	A14	500	1.3693	1052.4144	0.00	53.22005	343.5848666	0.710821759	15.21333912	0	psample10	1	F009428	
000089-01	A15	1	1.3693	1.9193674	0.36		251.0106481	48.41099537		0	psample10	1	F009428	
SEQ-CCVO	A16	1.25	1.3693	2.335763	0.40	0.1895695	264.5193351			0	psample10	1	F009428	
000043-51RE1	A18	1.25	1.3693	2.7628661	0.82	0.311919	244.4089659	43.48333333	21.09027883	0	psample10	1	F009428	
000043-52RE1	A19	1.25	1.3693	2.7148025	0.96	1.7941961	236.8260116	86.61749706	33.62491319	0	psample10	1	F009428	
000043-54RE1	A21	1.25	1.3693	1.3849269	0.92	85.43849	283.8466111	103.7051921	187.0175926	0	psample10	1	F009428	
000043-55RE1	B1	1.25	1.3693	3.5006938	0.54	1.3786942	14458.56781	97.18004675	889.1374748	0	psample10	1	F009428	
000043-57RE1	B2	1.25	1.3693	3.2697315	1.01	1.6503059	365.6519676	57.1943207	144.8241898	0	psample10	1	F009428	
000043-58RE1	B4	1.25	1.3693	4.742003	0.52	8.6574791	341.5898148	106.4430266	173.0861111	0	psample10	1	F009428	
000043-59RE1	B5	1.25	1.3693	2.5408721	0.99	3.8493202	494.2819015	55.53738426	902.1931531	0	psample10	1	F009428	
000043-60RE1	B6	1.25	1.3693	1.8242682	0.30	1.4268658	265.76588	104.4570002	401.8875338	0	psample10	1	F009428	
SEQ-CCVP	B7	1	1.3693	4.831172	0.24	8.5122203	191.1871528	32.64094329	149.8368345	0	psample10	1	F009428	
SEQ-CCVP	B8	1	1.3693	0.7709065	0.42	0.0893659	504.0680747	26.35413773	887.0787616	0	psample10	1	F009428	
F00931-85A	B9	10	1.3693	0.7315734	0.00	0.0212955	101.6366319	55.70329861	12.99259259	0	psample10	1	F009428	
F00931-85D4	B10	10	1.3693	7.5285731	14.93	2.5774135	96.52092737	0.83287037	4.1390625	0	psample10	1	F009428	
F00932-85C3	B11	10	1.3693	8.6505888	10.62	1.5523847	113.8805389	139.5289931	21.55896991	0	psample10	1	F009428	
F00932-85D3	B12	10	1.3693	12.909539	9.17	29.00299	169.2764178	119.9333912	378.5599248	0	psample10	1	F009428	
F009425-MS3	B13	500	1.3693	7.9710577	0.87	1.0462832	105.0443576	129.6872264	14.97769097	0	psample10	1	F009428	
F009425-MSD3	B14	500	1.3693	556.76165	710.01	1281.58953	174.3376982	193.8303819	681.8327377	0	psample10	1	F009428	
F009425-MSD3	B15	500	1.3693	664.93376	739.87	2615.8712	143.2801438	20.69869702	455.6292245	0	psample10	1	F009428	
F009426-MS3	B16	500	1.3693	545.54076	74.31	1746.4807	136.9279514	193.3516204	256.5313883	0	psample10	1	F009428	
F009426-MS3	B17	500	1.3693	516.08605	728.82	1269.8523	133.5032986	7.97416208	264.0010995	0	psample10	1	F009428	
F009426-MS3	B18	500	1.3693	524.12137	25.39	1240.2772	83.03486102	73.17766204	5.458279463	0	psample10	1	F009428	
000073-56RE1	B18	1	1.3693	502.996015	0.55	0.0314383	71.00958831		0	4.8009375	0	psample10	1	F009428
SEQ-CCVQ	B19	1	1.3693	0.6278058	753.23	823.22175	103.6988278	197.3052083	215.512563	0	psample10	1	F009428	
SEQ-CCBQ	B20	1	1.3693	1.122.7273	732.87	1122.7273	117.174792	192.0094329	353.4229745	0	psample10	1	F009428	
F009426-MS4	B21	500	1.3693	391.36033	39.12	1257.1011	115.550434	11.54444444	328.3774884	0	psample10	1	F009428	
F009426-MS4	C1	500	1.3693	445.1841	777.86	2179.529	136.2240162	103.138889	568.3275463	0	psample10	1	F009428	
F009427-MS3	C2	500	1.3693	438.94086	725.53	1931.6288	119.1364332	190.1010706	503.8415799	0	psample10	1	F009428	
F009427-MSD3	C3	500	1.3693	518.41527	41.94	900.66947	93.32300137	12.27818287	235.7111111	0	psample10	1	F009428	
F009427-MSD3	C4	500	1.3693	452.72634	752.72	773.4088	97.16198066	197.1738715	202.5554398	0	psample10	1	F009428	
F009427-MS4	C5	500	1.3693	378.86511	926.21	989.95717	95.44105948	242.3023727	258.7295718	0	psample10	1	F009428	
F009427-MS4	C6	500	1.3693	368.25099	28.15	1280.1526	176.6795949	8.691840278	334.3738476	0	psample10	1	F009428	
F009427-MS4	C7	500	1.3693	673.91738	716.01	1656.7939	219.0536548	187.6236111	432.3489264	0	psample10	1	F009428	
000073-48RE1	C8	500	1.3693	798.39052	0.54	0.0309471	111.0946159	72.12789352	5.394386574	0	psample10	1	F009428	
SEQ-CCBR	C9	1	1.3693	0.8436232	0.00	0.019365	221.7294878	21.93660301	16.4723838	0	psample10	1	F009428	
SEQ-CCBR	C10	1	1.3693	0.6245349	724.60	3620.3338	82.59903662	1.097337963	3.889762963	0	psample10	1	F009428	
F009428-MS3	C11	500	1.3693	818.5641	395.33	290.302	214.301374	189.0590856	943.1223838	0	psample10	1	F009428	
000084-01RE1	C12	2500	1.3693	4235.5981	934.68	297.93469	204.7444183	51.03715278	2.919299769	0	psample10	1	F009428	
F009428-MS4	C13	2500	1.3693	3009.1238	740.53	45.242209	256.0918083	39.89574653	3.931394259	0	psample10	1	F009428	
F009428-MS4	C14	2500	1.3693	4913.3836	188.00	1894.6316	677.5802939	50.53492019	470.8059317	0	psample10	1	F009428	
F009428-MS4	C15	500	1.3693	2598.5238	118.69	356.43444	587.2855085	32.24522569	94.08819657	0	psample10	1	F009428	
000084-03RE1	C16	500	1.3693	2252.4081	0.13	0.0081085	320.4438656	17.83002247	2.423900463	0	psample10	1	F009428	
SEQ-CCVS	C17	1	1.3693	2.4532466			20.45:01	281.5715742	0	2.474594907	0	psample10	1	F009428
SEQ-CCBS	C18	1	1.3693	2.4532466										
SEQ-CCBS	C19	1	1.3693	2.4532466										

MHg 2700-1-201001-1 RUNLOG

WS	A1		C19	SEQ-CCB9	B15	OI00073-51	A11	OI00043-55	C7
PRIMER	A2	SEQ-CCV6	C20	OI00051-01	B16	OI00073-52	A12	OI00043-56	C8
PRIMER	A3	SEQ-CCB6	C21	OI00072-02	B17	OI00073-53	A13	OI00043-57	C9
HIGH PRIMER	A15	OI00073-18	A1	OI00073-01	B18	F009425-BLK1	A14	OI00043-58	C10
HIGH PRIMER	A16	F009424-MS1	A2	OI00073-02	B19	F009427-BLK2	A15	OI00043-59	C11
PRIMER	A4	F009424-MSD1	A3	OI00073-04	B20	F009427-BLK3	A16	OI00043-60	C12
WS	A5	OI00072-01	A4	OI00073-05	B21	F009428-BLK1	A17	OI00043-23	C13
WS	A6	F009424-MS2	A5	OI00073-08	C1	F009428-BLK2	A18	SEQ-CCVG	C14
SEQ-IBL1	A7	F009424-MSD2	A6	OI00073-09	C2	F009428-BLK3	A19	SEQ-CCBG	C15
SEQ-CAL1	A8	OI00073-36	A7	OI00073-11	C3	SEQ-CCVD	A20	OI00043-24	C16
SEQ-CAL2	A9	F009425-MS1	A8	OI00073-12	C4	SEQ-CCBD	A21	OI00043-25	C17
SEQ-CAL3	A10	F009425-MSD1	A9	SEQ-CCVA	C5	F009389-BS1	B1	OI00043-26	C18
SEQ-CAL4	A11	OI000473-25	A10	SEQ-CCBA	C6	F009389-BSD1	B2	OI00043-27	C19
SEQ-CAL5	A12	SEQ-CCV7	A11	OI00073-14	C7	F009443-BS1	B3	OI00043-28	C20
SEQ-ICV1	A13	SEQ-CCB7	A12	OI00073-15	C8	F009443-BSD1	B4	OI00043-29	C21
SEQ-ICB1	A14	F009425-MS2	A13	OI00073-17	C9	F009389-BLK1	B5	OI00043-30	A1
F009391-BS3	B1	F009425-MSD2	A14	OI00073-20	C10	F009389-BLK2	B6	OI00075-01	A2
F009391-BSD3	B2	OI00073-67	A15	OI00073-21	C11	F009389-BLK3	B7	OI00075-02	A3
F009392-BS2	B3	F009426-MS1	A16	OI00073-23	C12	F009443-BLK1	B8	OI00075-03	A4
F009392-BSD2	B4	F009426-MSD1	A17	OI00073-24	C13	F009443-BLK2	B9	SEQ-CCVH	A5
SEQ-CCV1	B5	OI00073-56	A18	OI00076-01	C14	F009443-BLK3	B10	SEQ-CCBH	A6
SEQ-CCB1	B6	F009426-MS2	A19	OI00073-26	C15	SEQ-CCVE	B11	OI00075-04	A7
OI00073-56	B7	F009426-MSD2	A20	OI00073-29	C16	SEQ-CCBE	B12	OI00075-05	A8
F009424-BS1	B8	OI00073-86	A21	SEQ-CCVB	C17	OI00043-21	B13	OI00080-01	A9
F009424-BSD1	B9	F009427-MS1	B1	SEQ-CCBB	C18	F009389-MS1	B14	OI00080-02	A10
F009425-BS1	B10	SEQ-CCV8	B2	OI00073-30	C19	F009389-MSD1	B15	OI00080-03	A11
F009425-BSD1	B11	SEQ-CCB8	B3	OI00073-32	C20	OI00043-22	B16	OI00080-04	A12
F009426-BS1	B12	F009427-MSD1	B4	OI00073-33	C21	F009389-MS2	B17	SEQ-CCVI	A13
ERR	B13	OI00073-87	B5	OI00073-35	A1	F009389-MSD2	B18	SEQ-CCBI	A14
F009427-BS1	B14	F009427-MS2	B6	OI00073-38	A2	OI00075-06	B19	OI00073-57	A15
F009427-BSD1	B15	F009427-MSD2	B7	OI00073-39	A3	F009443-MS1	B20	OI00073-59	A16
F009428-BS1	B16	OI00073-AX	B8	OI00073-40	A4	F009443-MSD1	B21	OI00073-60	A17
WS	C19	F009428-MS1	B9	OI00073-41	A5	OI00043-51	C1	OI00073-63	A18
WS	C20	F009428-MSD1	B10	OI00073-43	A6	SEQ-CCVF	C2	OI00073-64	A19
SEQ-CCV2	C19	OI00084-01	B11	OI00073-44	A7	SEQ-CCBF	C3	OI00073-66	A20
SEQ-CCB2	C21	F009428-MS2	B12	SEQ-CCVC	A8	OI00043-52	C4	OI00073-69	A21
F009427-BS1	B14	F009428-MSD2	B13	SEQ-CCBC	A9	OI00043-53	C5	OI00073-70	B1
F009427-BSD1	B15	SEQ-CCV9	B14	OI00073-45	A10	OI00043-54	C6	OI00073-72	B2

Pg 1 of 2

0I00073-73	B3	SEQ-CCBM	C20		
SEQ-CCVJ	B4	0I00073-AV	C21		
SEQ-CCBJ	B5	0I00073-AZ	A1		
0I00073-74	B6	0I00073-BA	A2		
0I00073-75	B7	0I00073-BC	A3		
0I00073-78	B8	0I00073-BD	A4		
0I00073-79	B9	0I00073-BF	A5		
0I00073-81	B10	0I00073-BG	A6		
0I00073-82	B11	0I00073-BH	A7		
0I00073-84	B12	0I00073-BJ	A8		
0I00073-85	B13	0I00084-02	A9		
0I00073-90	B14	SEQ-CCVN	A10		
0I00073-91	B15	SEQ-CCBN	A11		
SEQ-CCVK	B16	0I00084-03	A12	F009426-MS3	B16
SEQ-CCBK	B17	0I00085-01	A13	F009426-MSD3	B17
0I00073-93	B18	0I00086-01	A14	0I00073-56RE1	B18
0I00073-94	B19	0I00099-01	A15	SEQ-CCVQ	B19
0I00073-96	B20	SEQ-CCVO	A16	SEQ-CCBQ	B20
0I00073-97	B21	SEQ-CCBO	A17	F009426-MS4	B21
0I00073-98	C1	0I00043-51RE1	A18	F009426-MSD4	C1
0I00073-99	C2	0I00043-52RE1	A19	0I00073-86RE1	C2
0I00073-AB	C3	0I00043-53RE1	A20	F009427-MS3	C3
0I00073-AC	C4	0I00043-54RE1	A21	F009427-MSD3	C4
0I00073-AE	C5	0I00043-55RE1	B1	0I00073-87RE1	C5
0I00073-AF	C6	0I00043-56RE1	B2	F009427-MS4	C6
SEQ-CCVL	C7	0I00043-57RE1	B3	F009427-MSD4	C7
SEQ-CCBL	C8	0I00043-58RE1	B4	0I00073-AXRE1	C8
0I00073-AH	C9	0I00043-59RE1	B5	F009428-MS3	C9
0I00073-AI	C10	0I00043-60RE1	B6	SEQ-CCVR	C10
0I00073-AK	C11	SEQ-CCVP	B7	SEQ-CCBR	C11
0I00073-AL	C12	SEQ-CCVP	B8	F009428-MSD3	C12
0I00073-AM	C13	F009391-BS4	B9	0I00084-01RE1	C13
0I00073-AO	C14	F009391-BSD4	B10	F009428-MS4	C14
0I00073-AP	C15	F009392-BS3	B11	F009428-MSD4	C15
0I00073-AR	C16	F009392-BSD3	B12	0I00084-02RE1	C16
0I00073-AS	C17	F009425-MS3	B13	0I00084-03RE1	C17
0I00073-AU	C18	F009425-MSD3	B14	SEQ-CCVS	C18
SEQ-CCVM	C19	0I00073-67RE1	B15	SEQ-CCBS	C19

is labeled on
rial, right
sample

-7

Mislabeled bus correct sample
on view
- true 10/15/2020

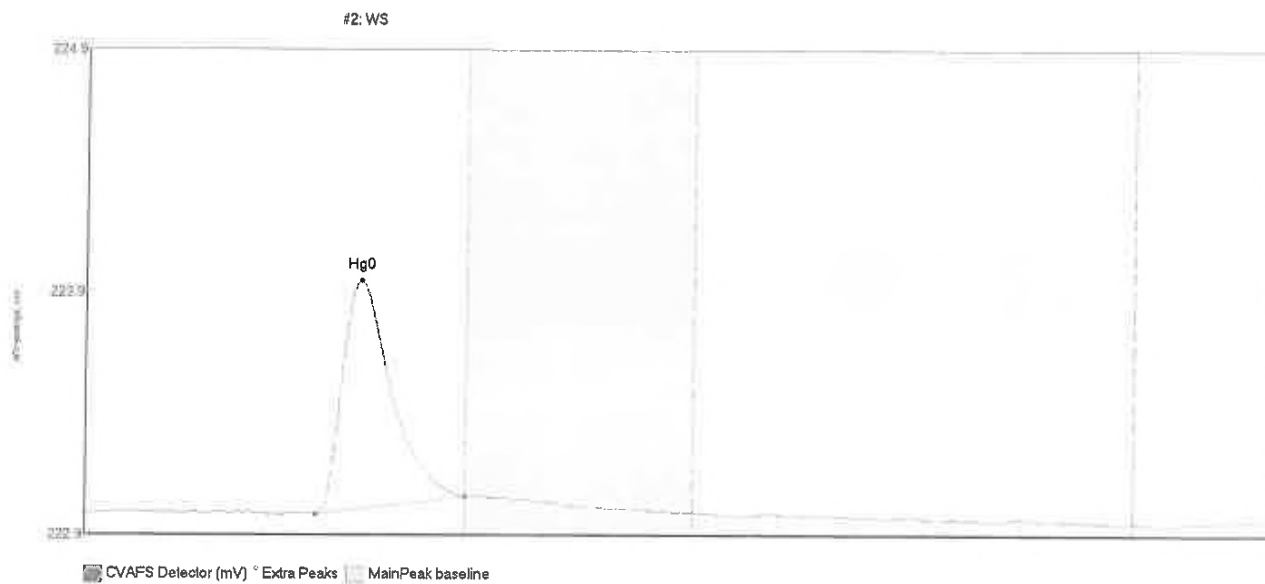
VERIFIED BY: *MV* 10/15/2020

pg 2 of 2

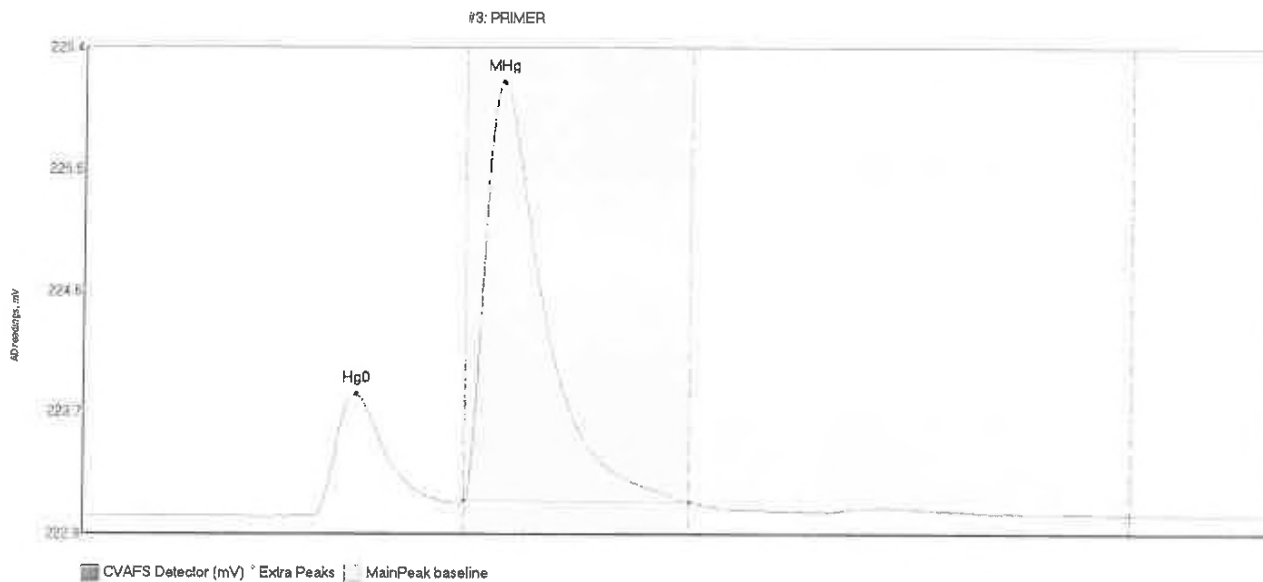


Sum
1.1300

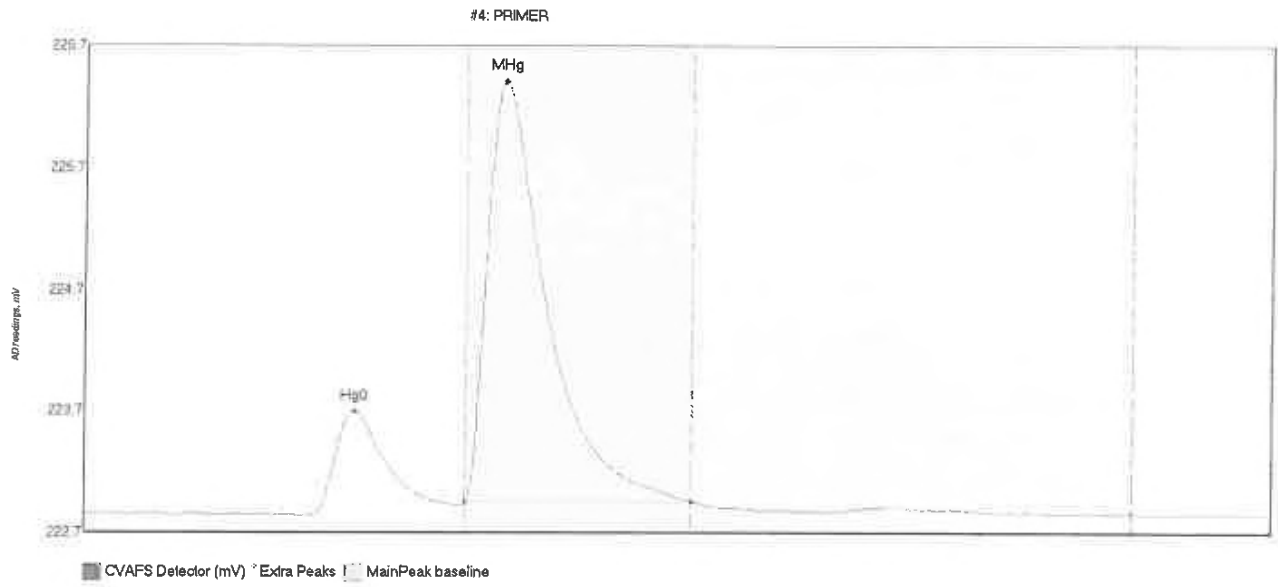
Area	Start Time	EndTime	StartValue	EndValue	Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
66.409	6.0	77.9	223.11	223.23	223.23	0.228	OK	223.1164	0.00	0.65	



Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
113.203	48.3	80.0	223.02	223.09	57.6	0.966	CT	223.0237	0.00	-0.04	

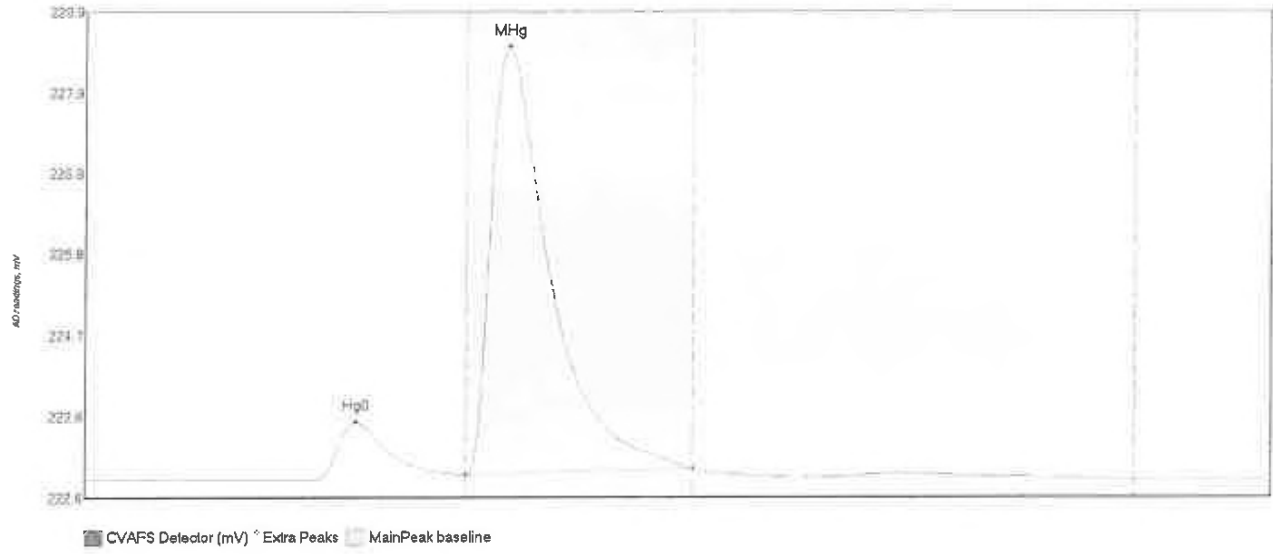


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak	Min	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
PRIMER Hg0	193.993	47.8	79.0	222.92	223.04	57.1	0.916	0.916	OK	222.9298	0.00	-0.01	
PRIMER MHg	453.231	80.0	127.5	223.04	223.04	87.8	3.147	3.147	CT	222.9298	0.00	-0.01	



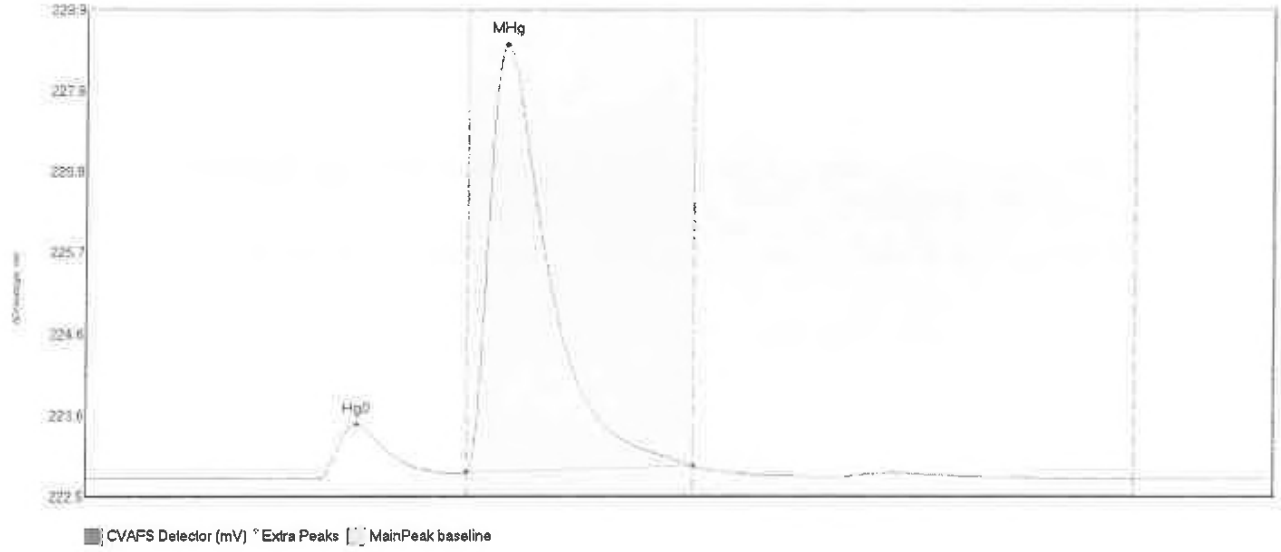
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
PRIMER Hg0	96.850	47.9	78.9	222.36	222.94	56.8	0.856	OK	222.8699	0.00	-0.01	
PRIMER MHg	502.220	80.0	127.5	222.96	222.97	88.1	3.489	CT	222.8699	0.00	-0.01	

#5: HIGH PRIMER



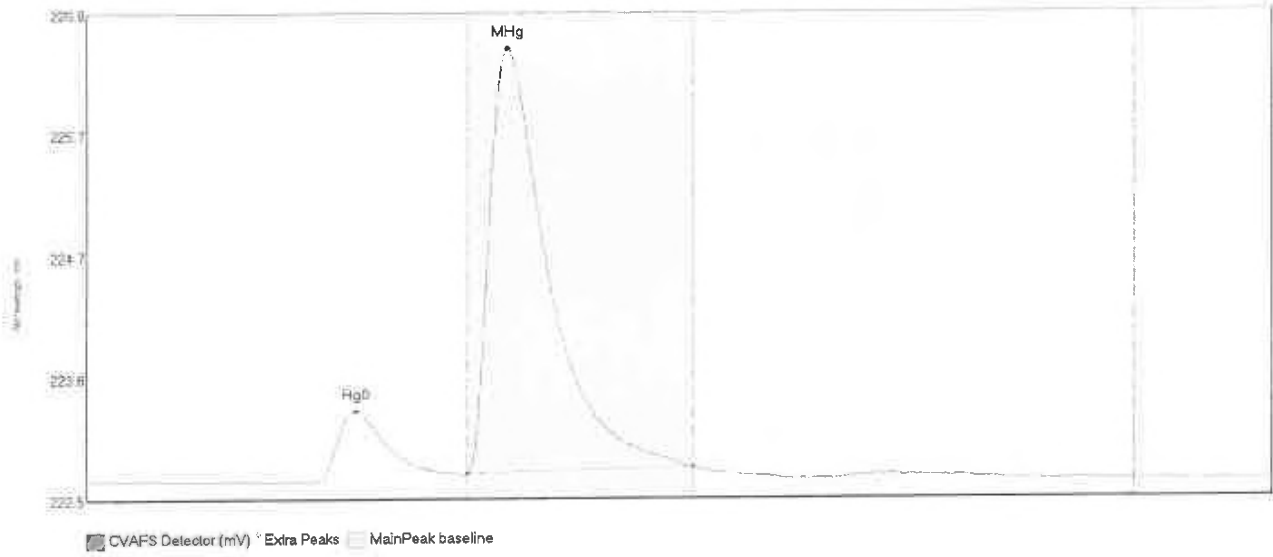
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Peak Min	Flags	Baseline	BDev	BShift	Comment
HIGH PRIMER Hg0	85.108	47.9	79.6	222.80	222.37	56.8	5.134	OK	222.8080	0.00	-0.01	
HIGH PRIMER MHg	796.176	80.0	127.5	222.87	222.94	88.8	3.425	CT	222.8080	0.00	-0.01	

#6: HIGH PRIMER

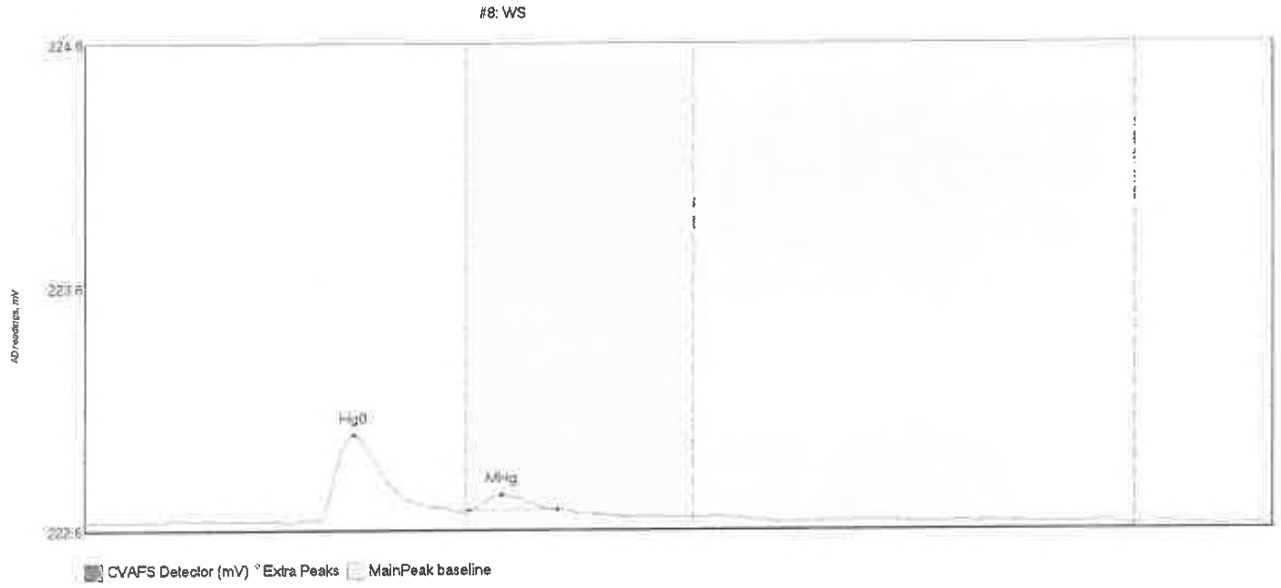


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
HIGH PRIMER Hg0	79.122	48.5	78.9	222.73	222.80	56.8	0.706	OK	222.7447	0.00	-0.01	
HIGH PRIMER MHg	806.132	80.0	127.5	222.82	222.90	88.3	5.608	CT	222.7447	0.00	-0.01	

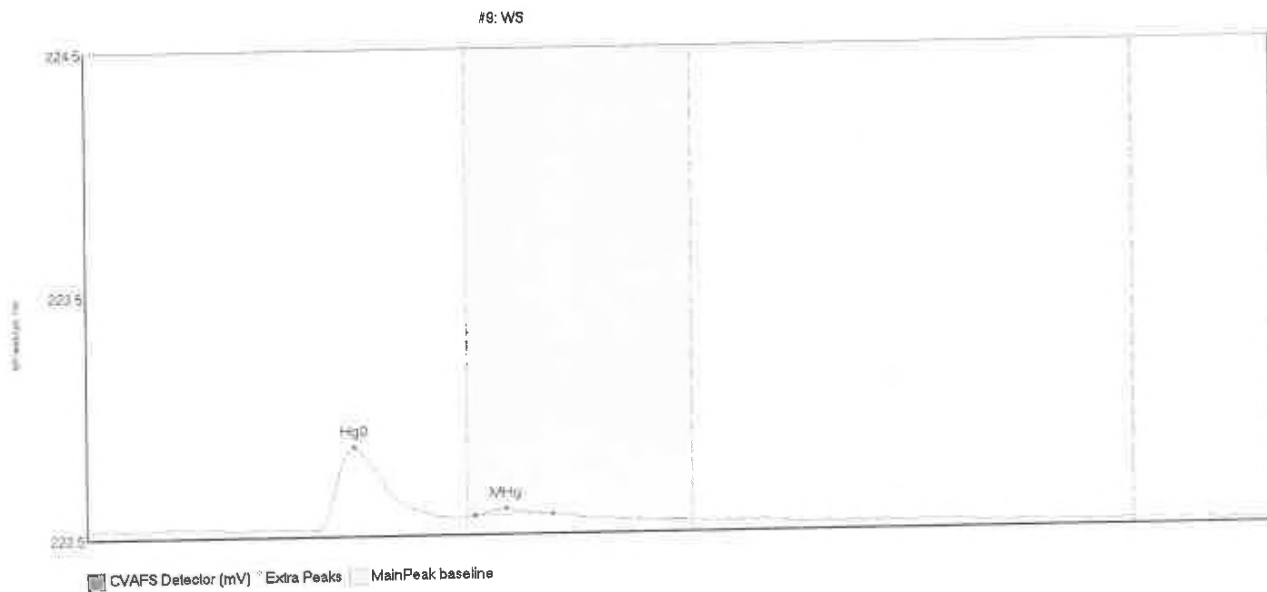
#7: PRIMER



Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Base Line	BIdev	BIShift	Comment
Hg0	70.579	48.0	79.1	222.67	222.73	56.8	0.625	OK	222.67	0.00	-0.01	
MHg	538.060	80.0	127.5	222.74	222.78	88.3	3.765	CT	222.74	0.00	-0.01	

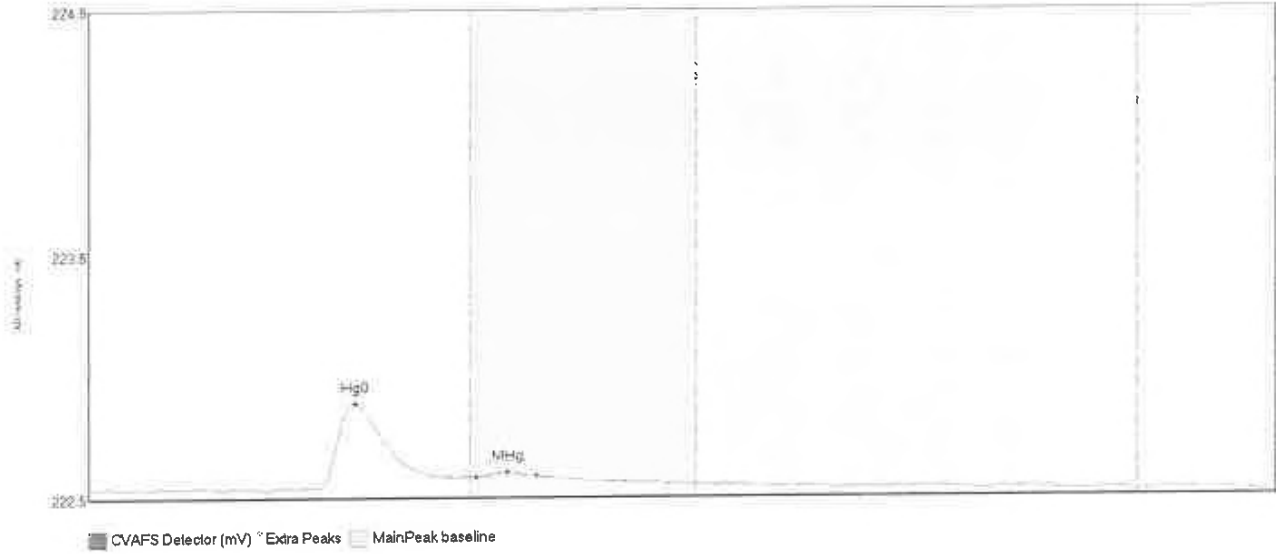


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	38.571	48.5	78.1	222.62	222.66	56.4	0.353	OK	222.6186	0.00	-0.02	
WS MHg	6.198	80.6	99.2	222.66	222.67	87.6	0.064	OK	222.6186	0.00	-0.02	



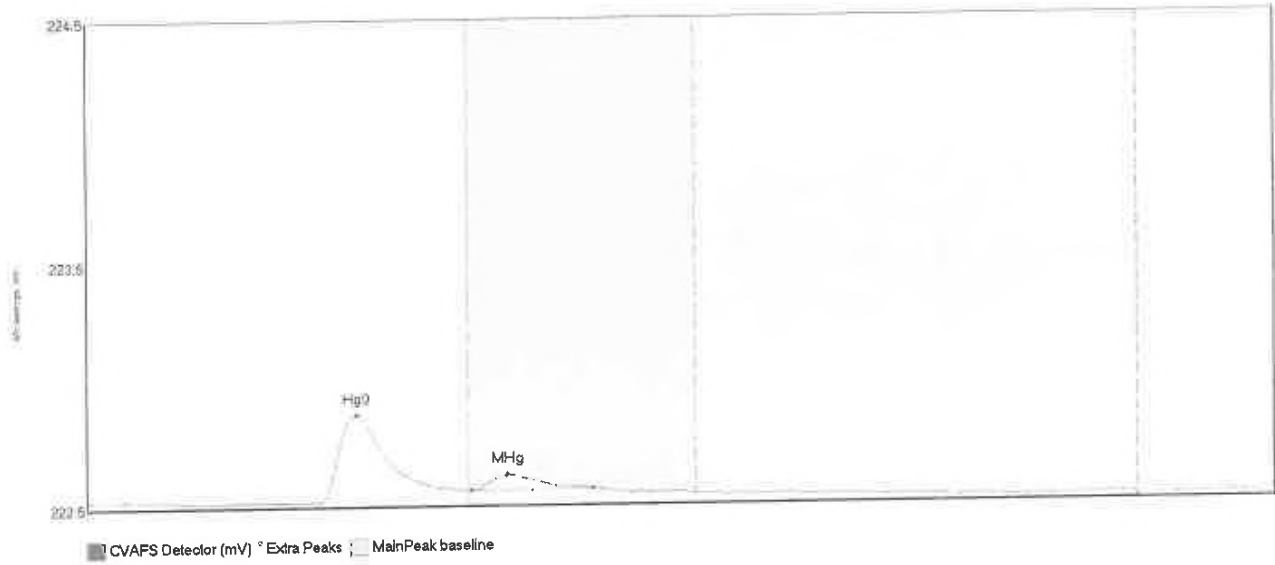
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift
WS Hg0	36.819	48.6	77.7	222.57	222.61	56.3	0.339	OK	222.5691	0.00	-0.01
WS MHg	2.341	81.7	97.9	222.62	222.62	88.1	0.030	OK	222.5691	0.00	-0.01

#10: SEQ-HL1



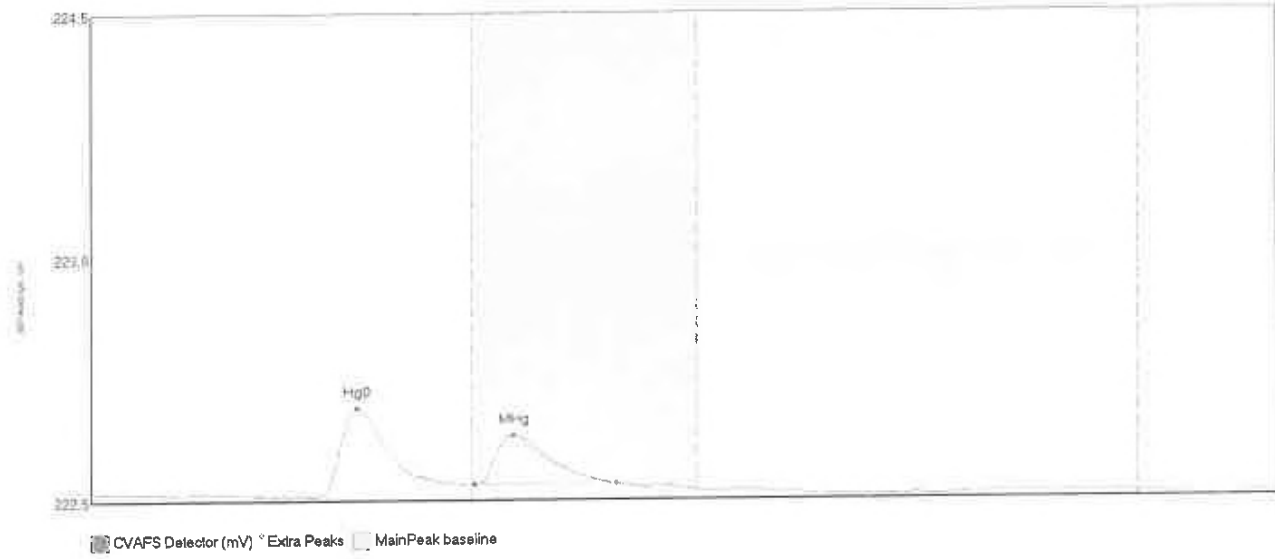
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakResult	Flags	Baseline	BiDev	BiShift	Comment
SEQ-HL1 Hg0	36.946	47.8	77.2	222.54	222.58	56.2	0.144	OK	222.5366	0.00	-0.02	
SEQ-HL1 MHg	1.369	81.3	93.9	222.58	222.59	87.9	0.028	OK	222.5366	0.00	-0.02	

#11: SEQ-CAL1



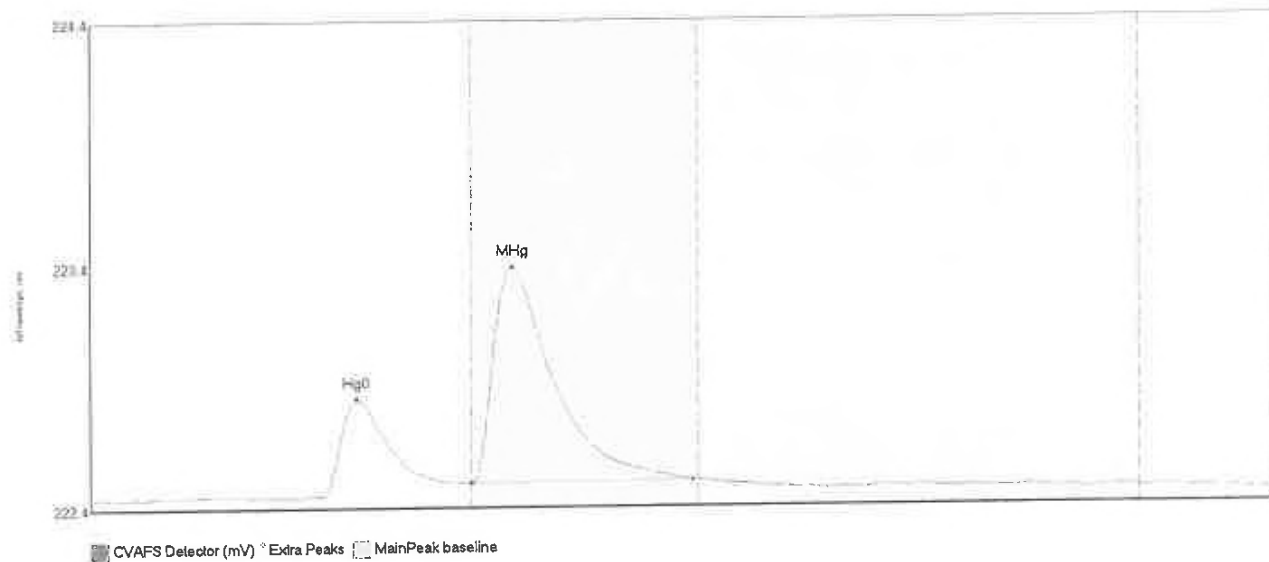
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CAL1 Hg0	39.611	48.9	79.6	222.50	222.54	56.5	0.359	OK	222.5051	0.00	0.00	
SEQ-CAL1 MHg	7.302	80.9	106.0	222.54	222.55	88.3	0.065	OK	222.5051	0.00	0.00	

#12: SEQ-CAL2

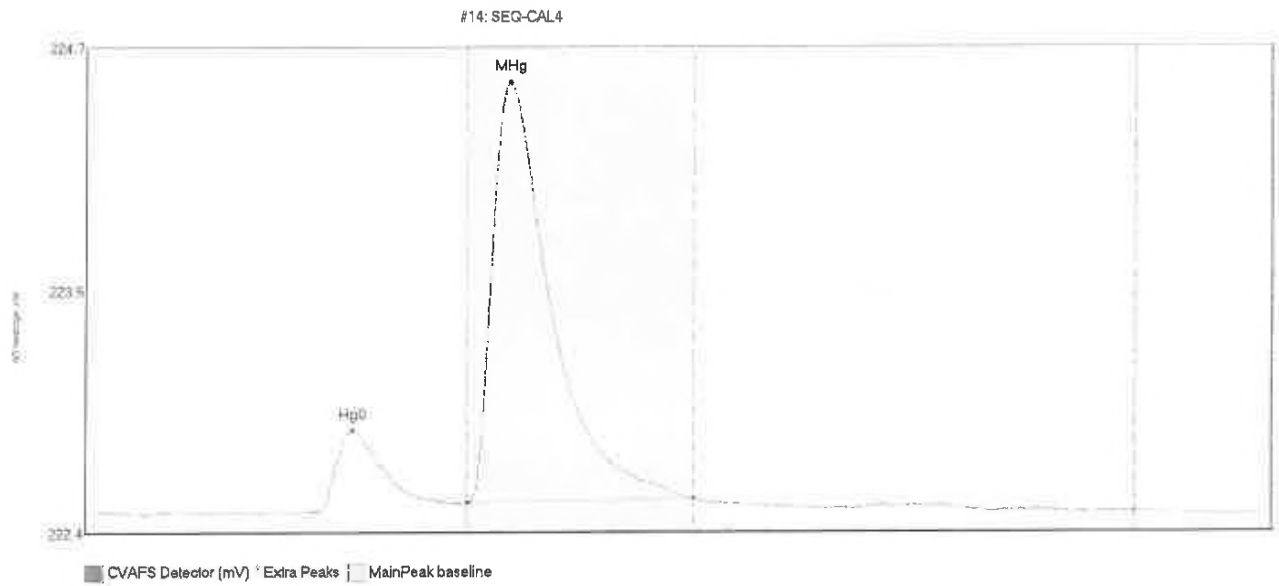


	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
Hg0	40,196	47.0	79.1	222.48	222.52	56.0	0.365	OK	222.4965	0.04	0.04	
MHg	25,561	60.6	110.4	222.53	222.53	88.8	0.203	OK	222.4965	0.04	0.04	

#13: SEQ-CAL3

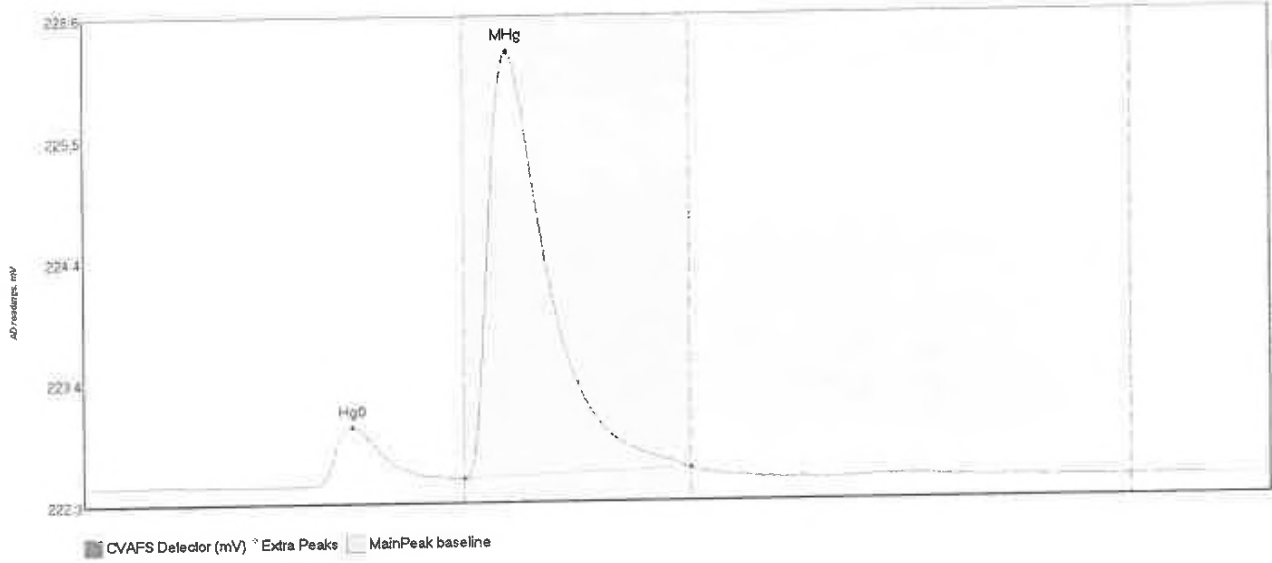


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CAL3 Hg0	43.679	43.9	79.7	222.46	222.51	56.1	0.403	OK	222.4587	0.00	0.01	
SEQ-CAL3 MHg	129.738	80.0	126.2	222.52	222.52	88.5	0.890	OK	222.4587	0.00	0.01	



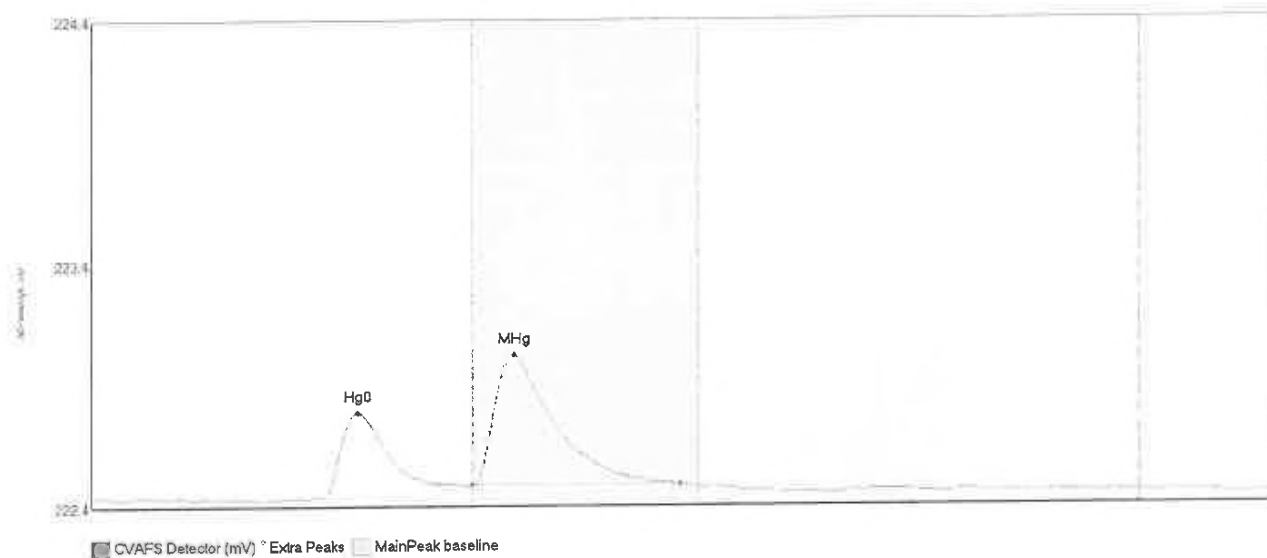
Name	Area	Start	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Signal	Comment
SEQ-CAL4 Hg0	43.292	48.6	77.4	222.46	222.50	56.0	0.403	OK	222.4546	0.00	222.4546	
SEQ-CAL4 MHg	294.100	80.1	127.5	222.50	222.52	89.1	2.066	CT	222.4546	0.00	222.4546	

#15: SEQ-CAL5



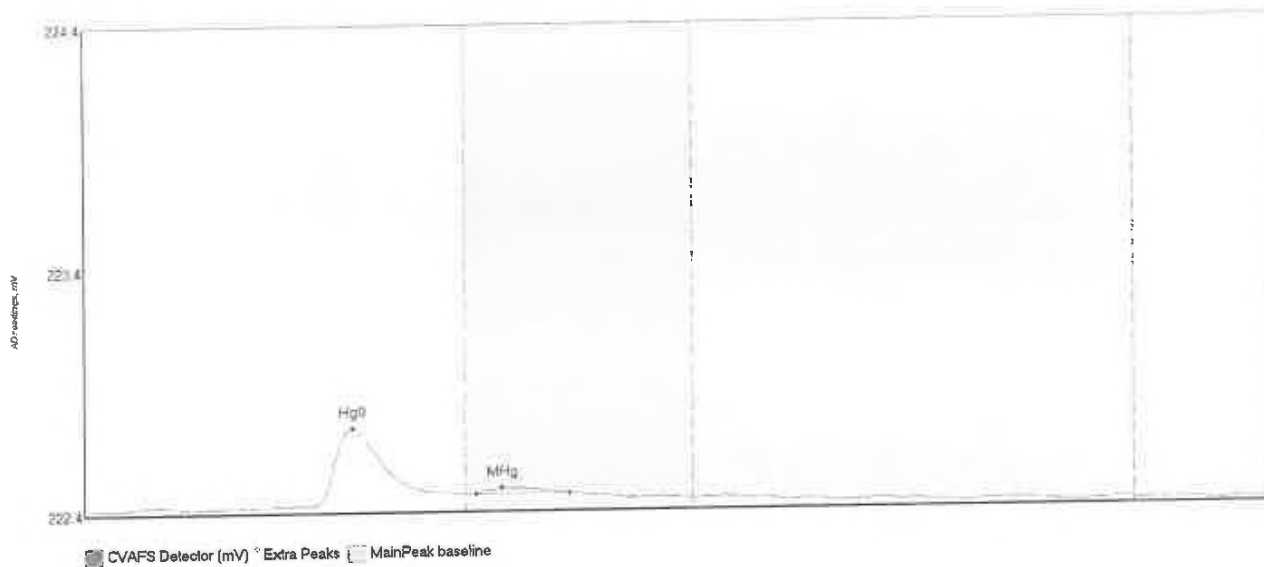
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Path	Comment
SEQ-CAL5 Hg0	57.357	48.5	79.8	222.44	222.50	56.5	0.520	OK	222.4386	0.00	Path	Comment
SEQ-CAL5 MHg	545.250	80.0	127.5	222.50	222.57	89.1	3.806	CT	222.4386	0.00	Path	Comment

#16: SEQ-ICV1



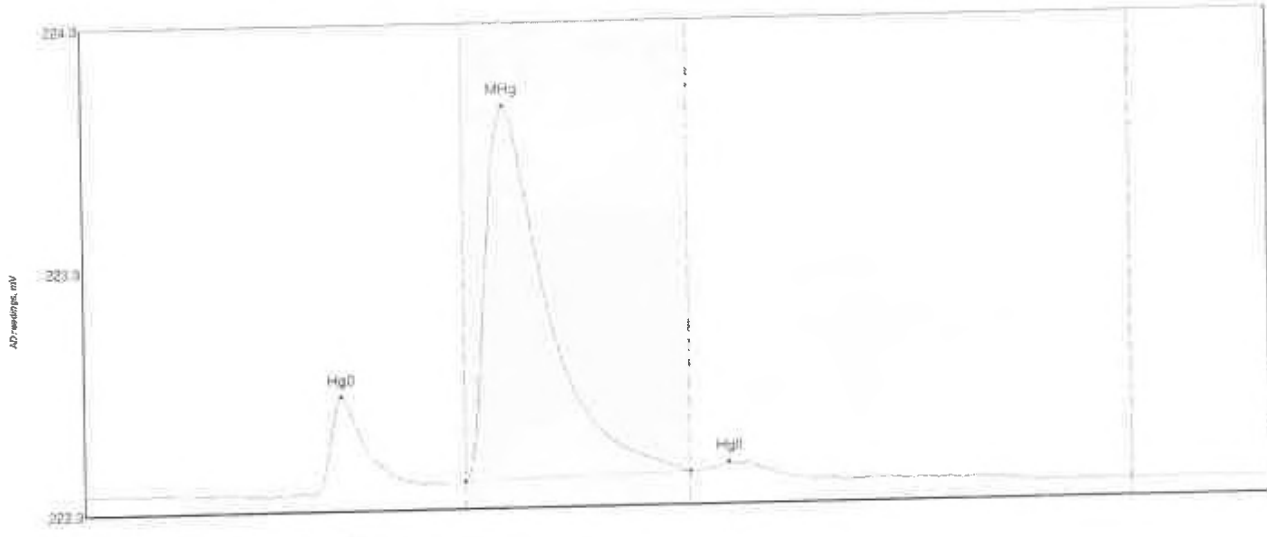
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Retention Time	Flags	Baseline	Offset	RIShift	Comment
SEQ-ICV1 Hg0	37.309	48.0	79.3	222.43	222.80	56.2	79.3	OK	222.4312	0.00	0.01	
SEQ-ICV1 MHg	77.125	80.0	123.6	222.48	223.18	88.6	123.6	OK	222.4312	0.00	0.01	

#17: SEQ-ICB1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-ICB1 Hg0	35.305	47.3	80.0	222.44	222.49	56.2	0.318	CT	222.4411	0.00	-0.01	
SEQ-ICB1 MHg	3.226	62.2	101.8	222.49	222.49	87.7	0.026	OK	222.4411	0.00	-0.01	

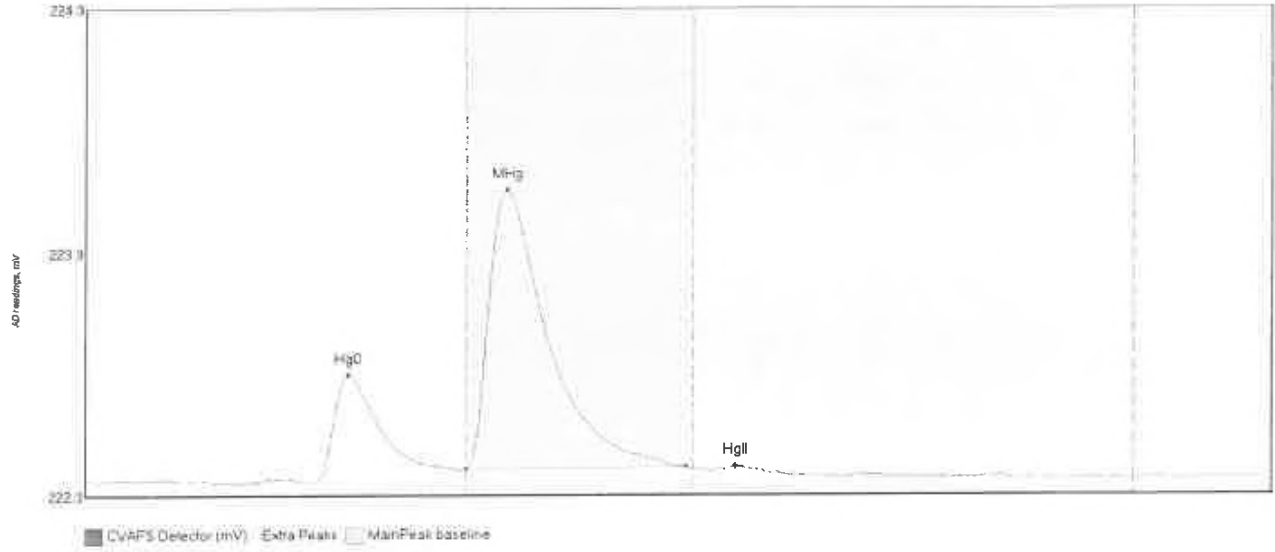
#18: F009391-BS3



CVAFS Detector (mV) Extra Peaks MainPeak baseline

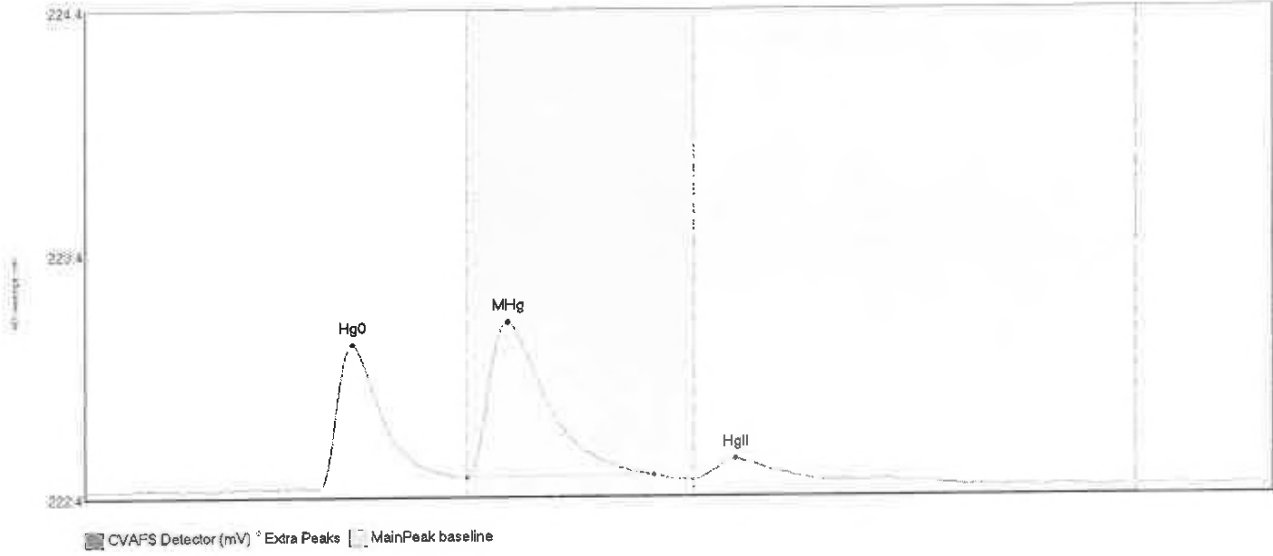
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Raw File	Wavenumber	Offset	Comment	
F009391-BS3	Hg0	32.695	48.6	78.8	222.42	222.45	54.2	0.397	OK	222.4255	0.00	-0.02	800000
F009391-BS3	MHg	228.300	80.0	127.5	222.46	222.48	88.4	1.545	CT	222.4655	0.00	0.00	200000
F009391-BS3	HgI	4.185	128.1	146.2	222.48	222.47	135.5	0.035	OK	222.4855	0.00	0.00	400000

#18: F009391-BSD3



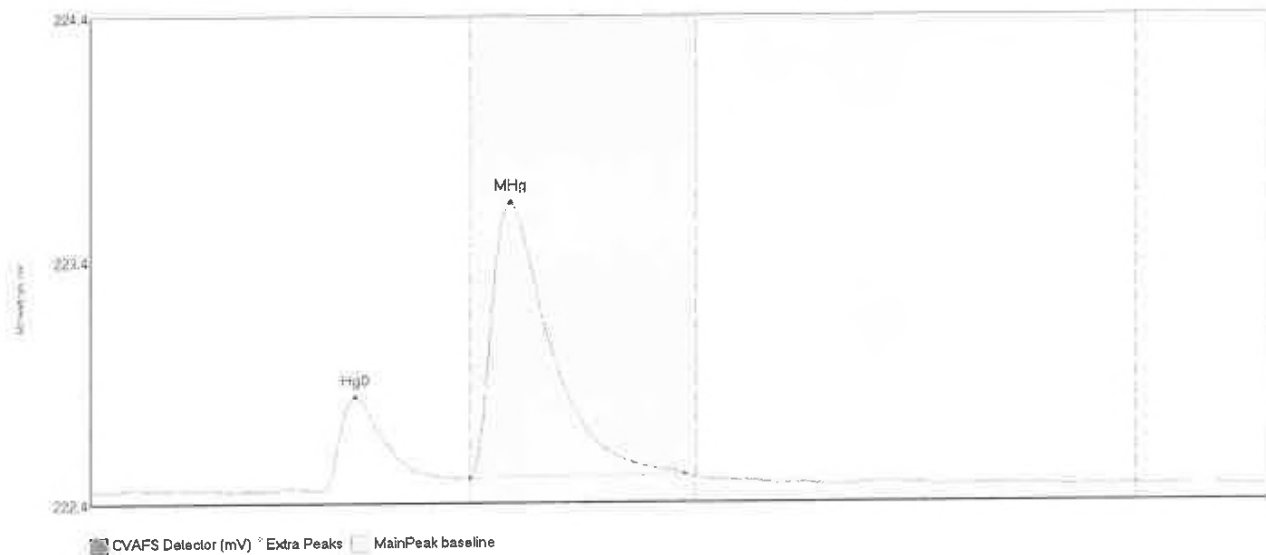
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment	
F009391-BSD3	Hg	45.579	47.8	79.1	222.41	222.45	55.4	0.434	OK	222.4093	0.00	0.01	F009391
F009391-BSD3	MHg	163.130	80.0	125.9	222.46	222.46	88.5	1.146	OK	222.4093	0.00	0.01	F009391
F009391-BSD3	Hg	0.571	131.6	139.3	222.45	222.46	136.3	0.021	OK	222.4093	0.00	0.01	F009391

#20: F009392-BS2



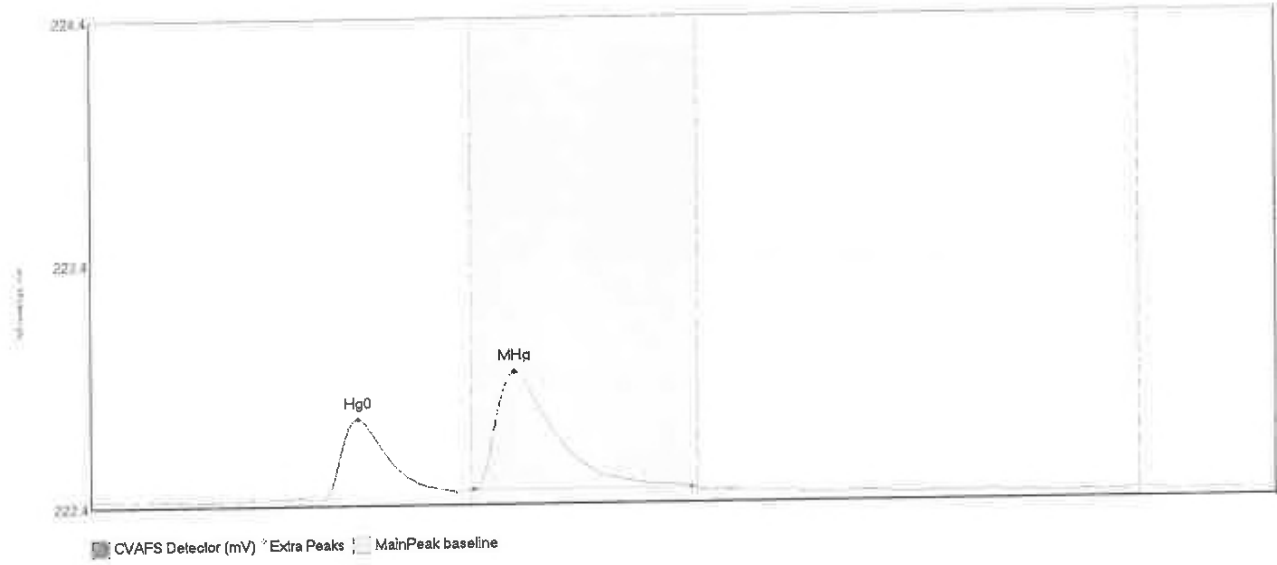
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	RIShift	Comment
F009392-BS2 Hg0	61.249	27.3	79.8	222.40	222.45	55.8	0.599	OK	222.3998	0.00	0.01	F009392
F009392-BS2 MHg	88.718	80.0	119.1	222.45	222.46	88.5	0.639	OK	222.3998	0.00	0.01	F009392
F009392-BS2 HgI	10.376	127.5	153.8	222.44	222.44	136.1	0.083	OK	222.3998	0.00	0.01	F009392

#21: F009392-BSD2



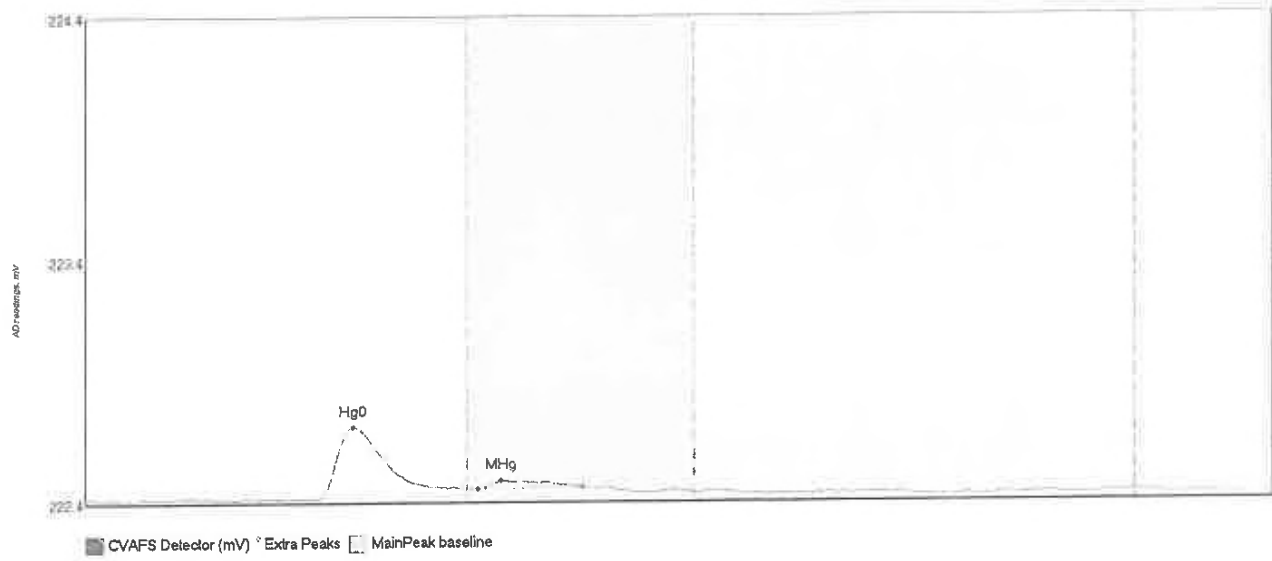
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009392-BSD2 Hg	39.409	49.0	76.9	222.41	222.45	55.8	0.384	OK	222.4055	0.00	0.01	F009392
F009392-BSD2 MH	162.030	80.0	125.3	222.46	222.47	88.4	1.132	OK	222.4055	0.00	0.01	F009392

#22: SEQ-CCV1



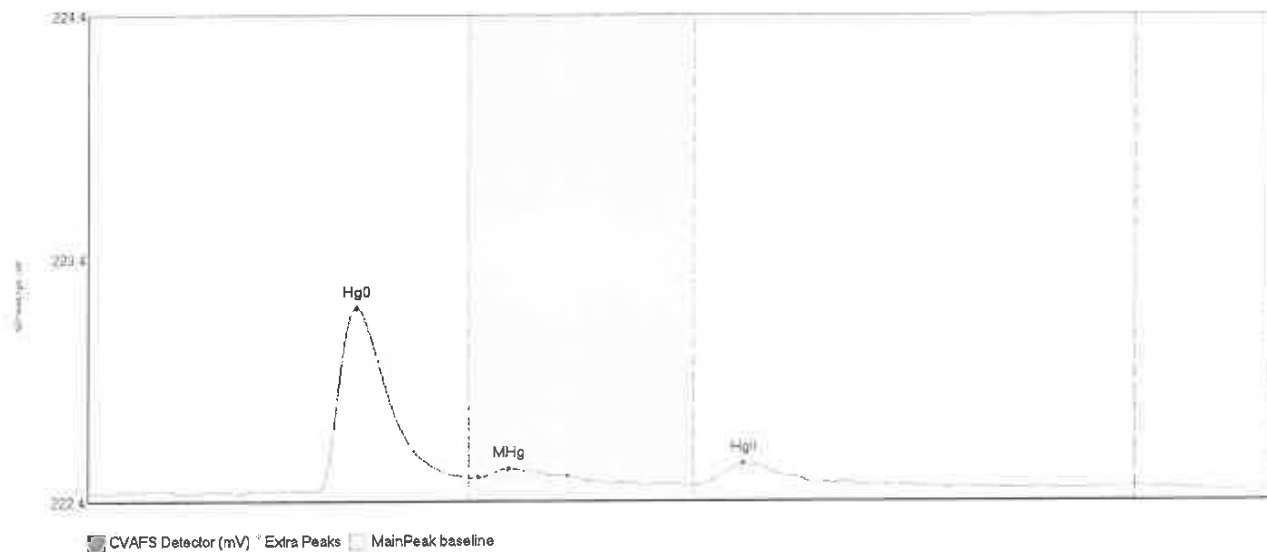
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0 36.298	48.0	77.2	222.40	222.44	56.4	0.333	OK	222.4102	0.00	0.00	F009426
MHg 68.997	80.5	126.1	222.44	222.44	86.7	0.184	OK	222.4102	0.00	0.00	F009426

#28: SEQ-CCB1



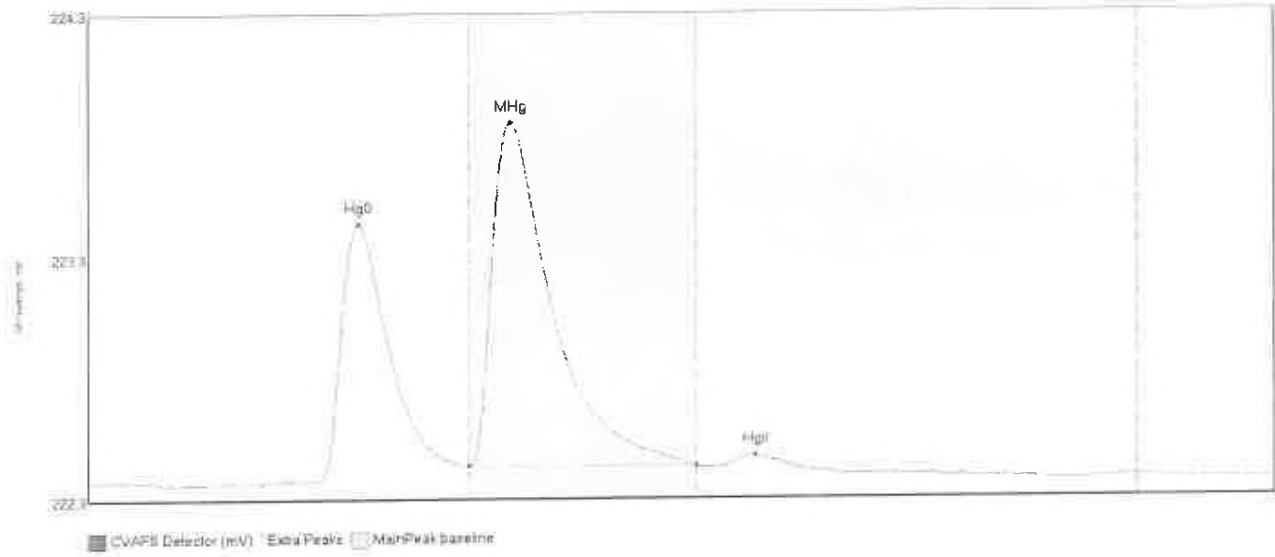
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	WShift	Comment
SEQ-CCB1 Hg0	31.783	48.8	80.0	222.40	222.44	56.1	0.296	CT	222.3981	0.00	0.00	
SEQ-CCB1 MHg	4.457	82.2	104.3	222.44	222.44	87.1	0.034	OK	222.3981	0.00	0.00	

#24: 0100073-56



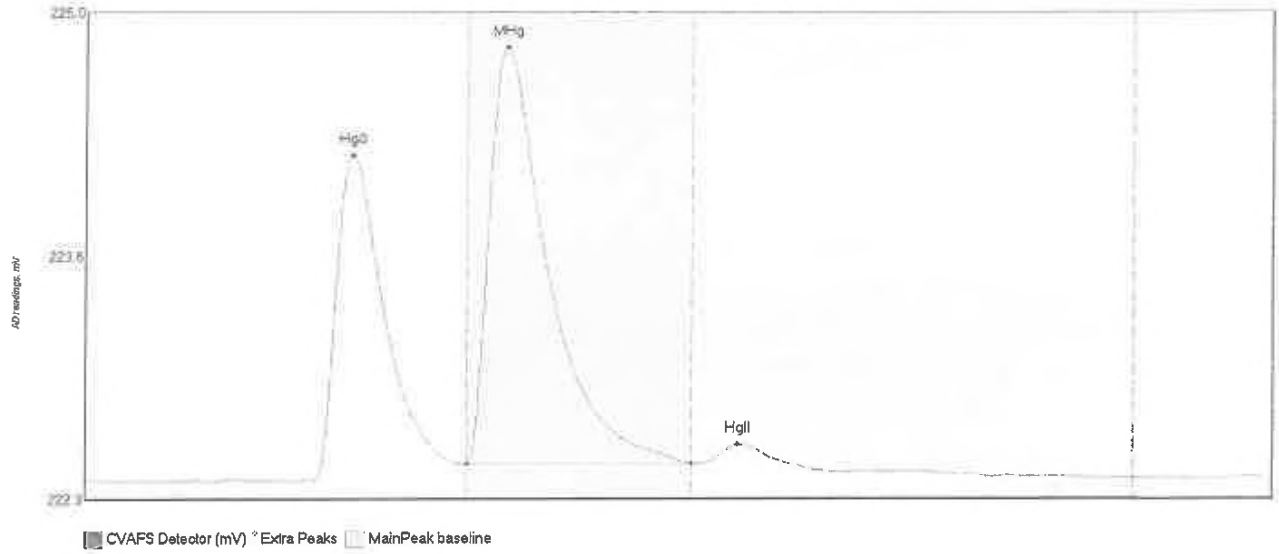
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0	83.117	34.2	80.0	222.41	222.47	56.5	0.757	CT	222.4012	0.00	0.01	F009426
MHg	3.333	81.9	100.8	222.47	222.47	88.2	0.836	OK	222.4012	0.00	0.01	F009426
HgII	12.007	120.2	162.6	222.43	222.43	137.8	0.088	OK	222.4012	0.00	0.01	F009426

#26: F009424-BSD1



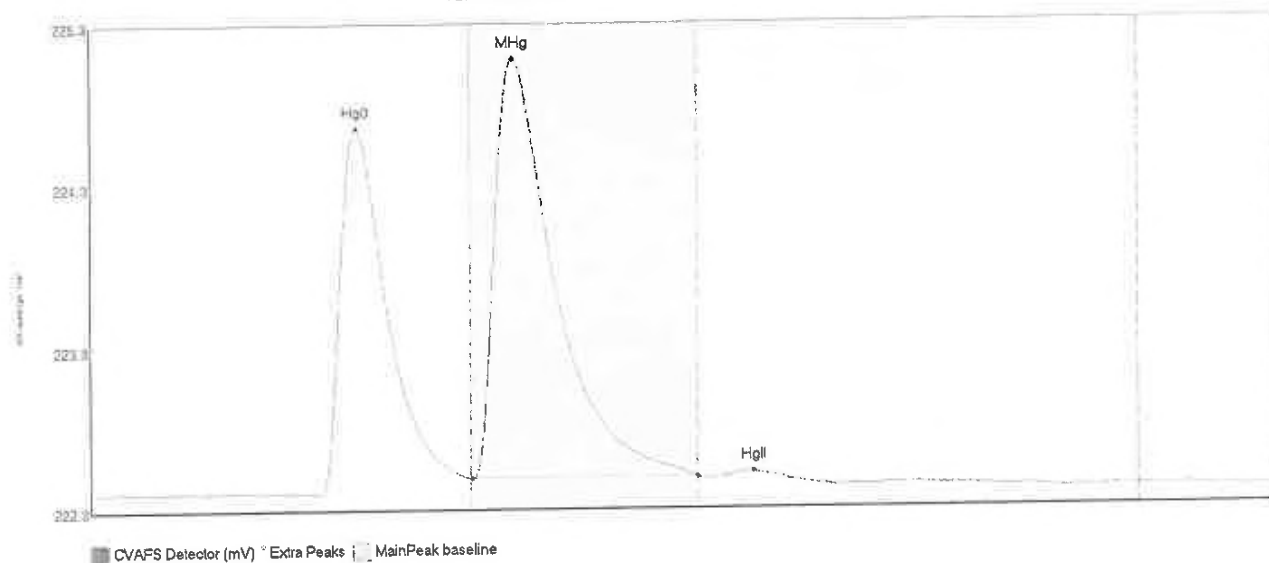
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009424-BSD1 Hg	119.170	47.5	79.8	222.42	222.48	56.6	1.056	OK	222.4142	0.00	0.00	F009424
F009424-BSD1 MH	204.565	80.0	127.5	222.48	222.48	88.7	1.416	CT	222.4142	0.00	0.00	F009424
F009424-BSD1 Hg	5.627	131.7	150.9	222.47	222.46	139.9	0.049	OK	222.4142	0.00	0.00	F009424

#27: F009425-BS1



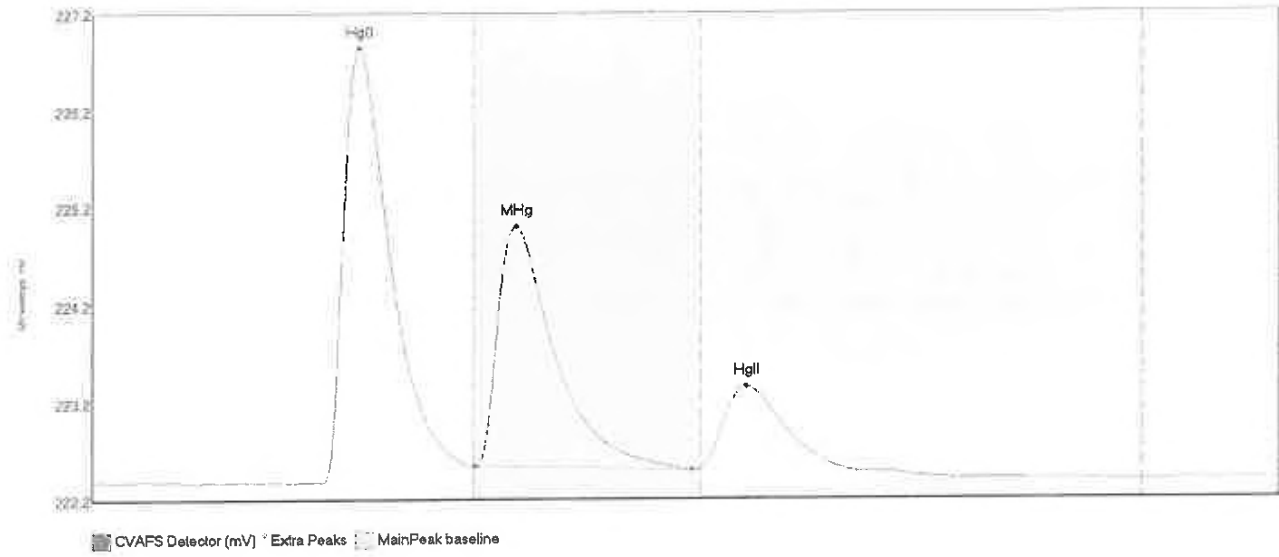
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
Hg0	198.855	48.1	79.6	222.41	222.49	56.2	1.773	OK	222.4106	0.00	0.01	F009425
MHg	325.553	80.0	127.4	222.50	222.50	88.4	2.274	OK	222.4106	0.00	0.01	F009425
HgI	13.429	128.4	153.4	222.50	222.47	136.8	0.108	OK	222.4106	0.00	0.01	F009425

#28: F009425-BSD1

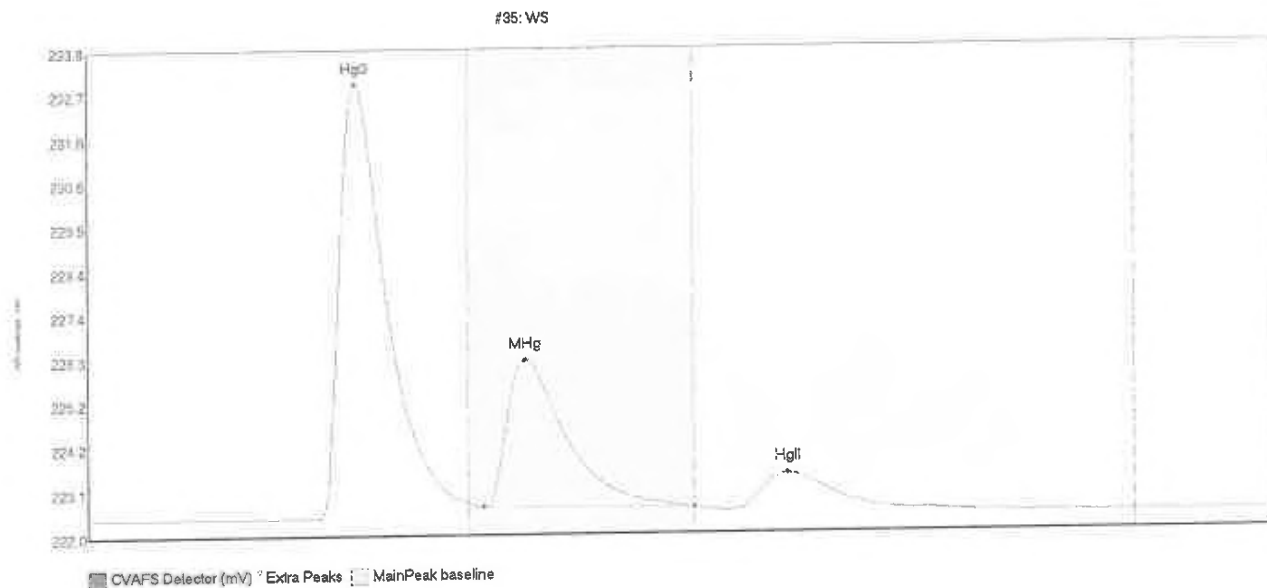


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
F009425-BSD1 Hg	251.995	47.9	80.0	222.42	222.51	56.1	2.245	CT	222.4234	0.09	0.28	F009425
F009425-BSD1 MH	369.826	80.3	127.5	222.51	222.51	88.9	2.583	CT	222.4234	0.03	1.44	F009425
F009425-BSD1 Hg	5.557	131.7	153.7	222.50	222.46	139.2	0.038	OK	222.4234	0.08	0.05	F009425

#28: F009428-BS1



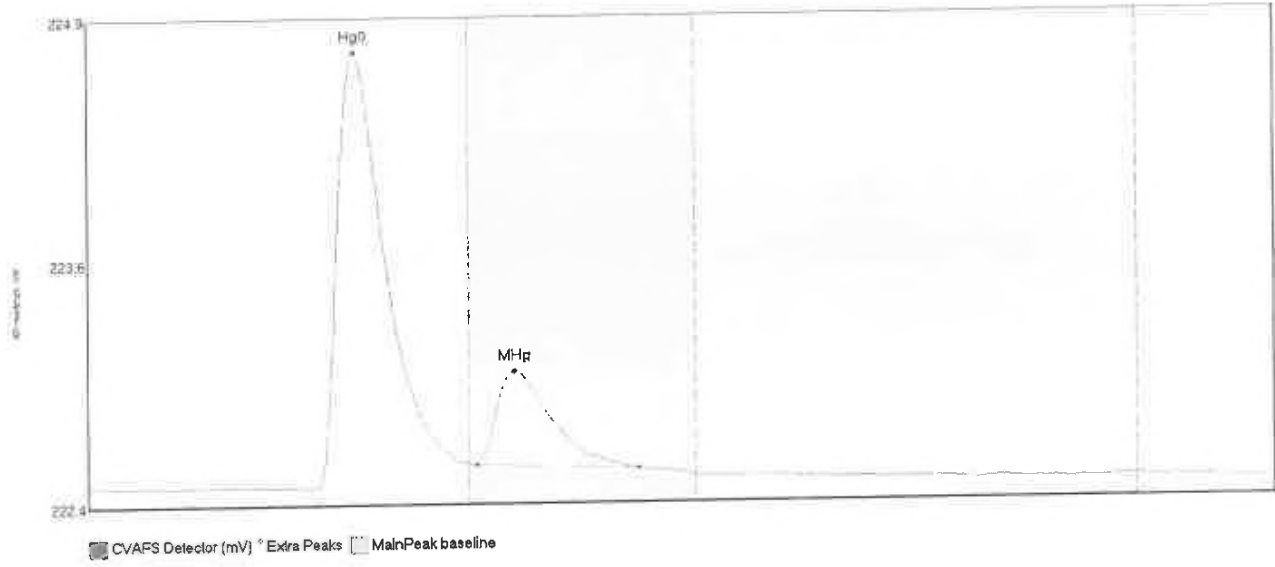
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BS1 Hg0	491.360	48.0	60.0	222.42	222.57	56.0	4.411	CT	222.4213	0.00	0.02	F009426
F009426-BS1 MHg	340.116	80.2	125.6	222.57	222.53	88.8	2.433	OK	222.4213	0.00	0.02	F009426
F009426-BS1 HgI1	122.354	127.5	161.5	222.55	222.51	136.9	0.837	OK	222.4213	0.00	0.02	F009426



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Baseline	BlDev	Height	Comment
WS Hg0	1160.891	48.0	80.0	222.45	222.00	56.4	10.435	222.4536	0.00	2.03	CLEARING L
WS MHg	506.382	83.2	127.5	222.70	222.65	92.0	3.556	222.4536	0.00	4.23	CLEARING L
WS HgII	139.884	134.9	172.9	222.57	222.58	147.0	0.905	222.4536	0.00	4.87	CLEARING L

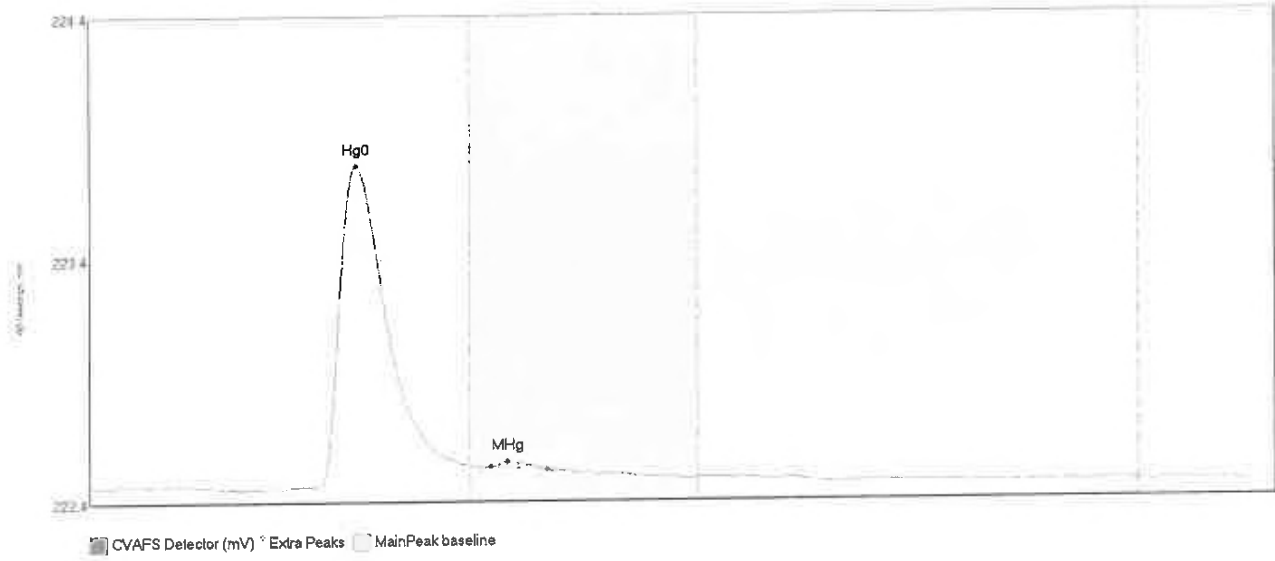
No data for lines 30-34, computer shut down and lines skipped -zkt 10/5/2020

#36: SEQ-CCV2



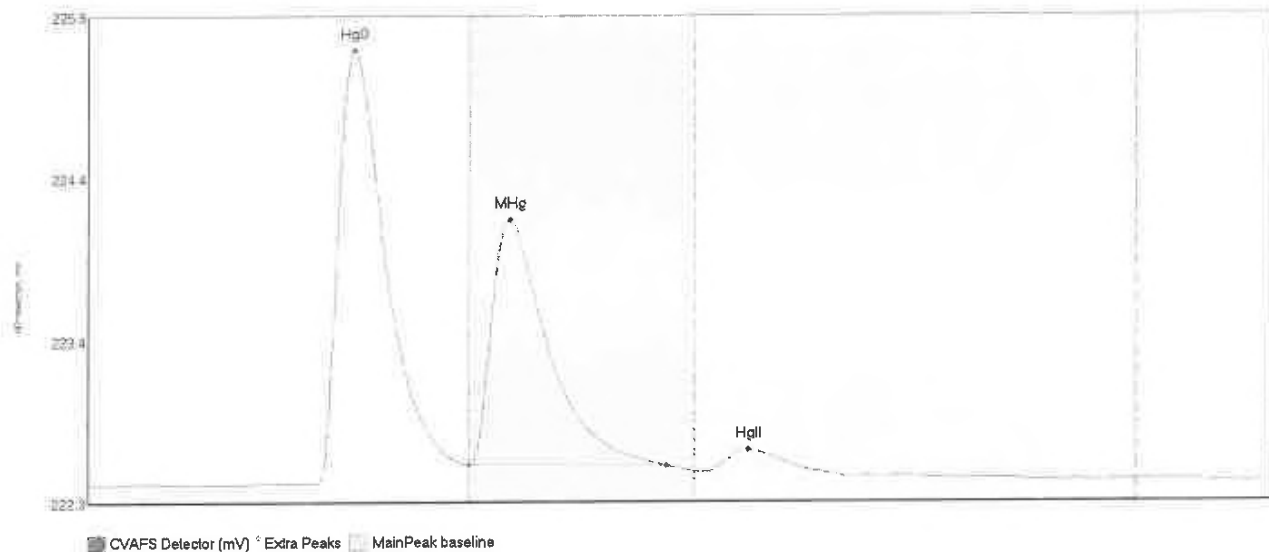
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV2 Hg0	253.270	47.5	80.0	222.46	222.57	56.3	2.242	C1	222.4659	0.00	0.00	
SEQ-CCV2 MHg	63.969	81.5	115.5	222.57	222.54	89.4	0.482	OK	222.4659	0.00	0.00	

#37: SEQ-CCB2



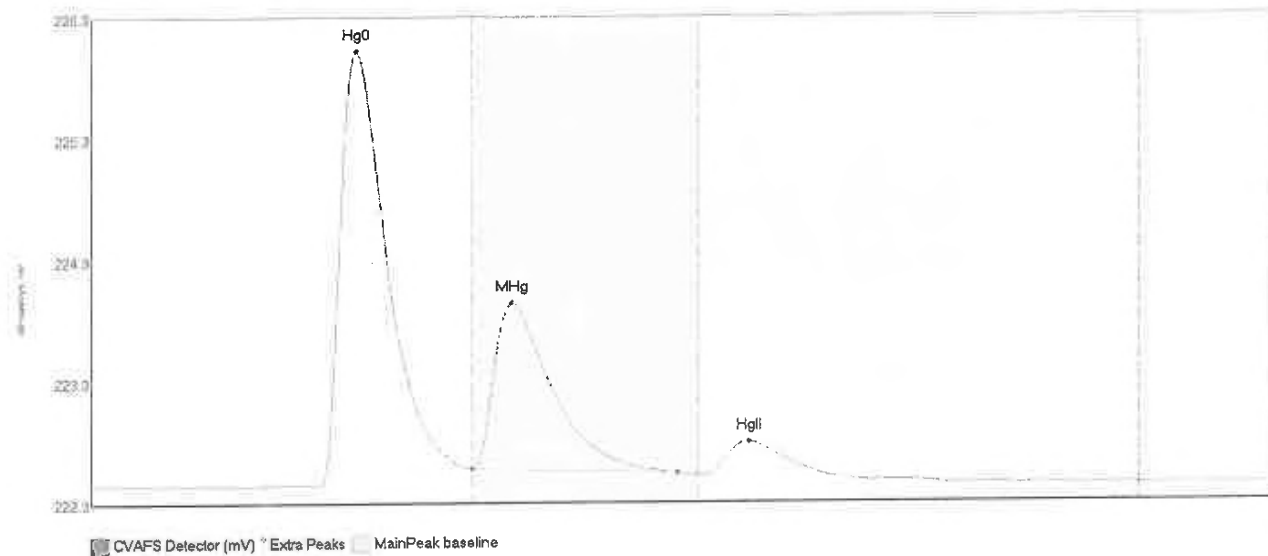
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
145.353	48.3	80.0	222.47	222.55	55.9	1.312	CT	222.4700	0.00	0.00	
1.471	84.4	95.9	222.55	222.54	87.8	0.018	OK	222.4700	0.00	0.00	

#38: F009427-BS1



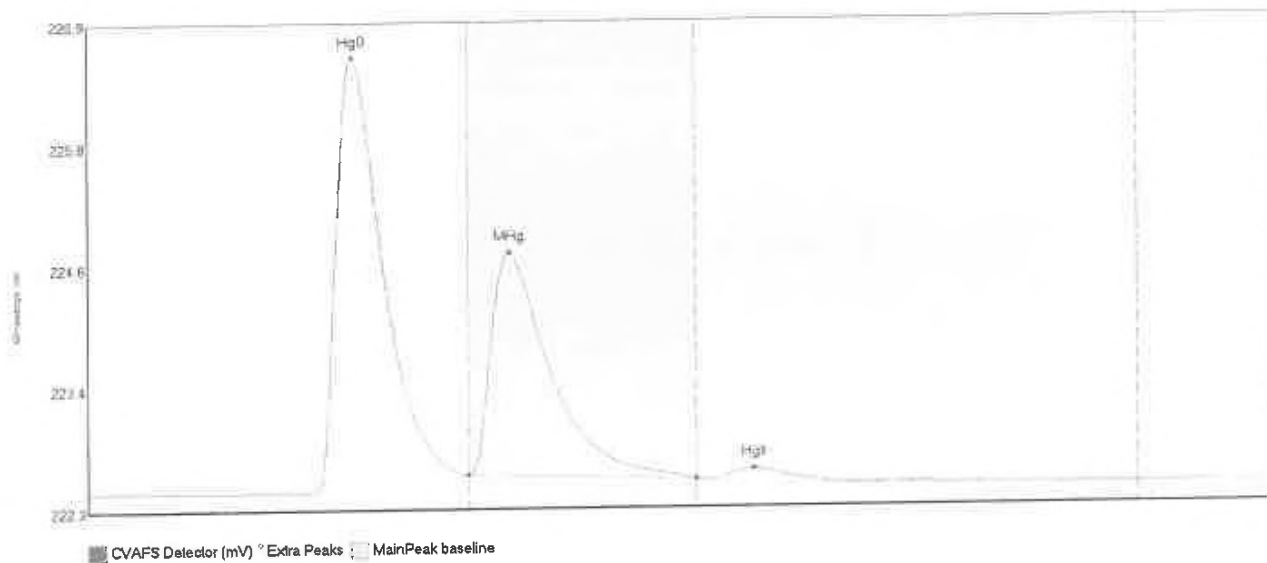
Label	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-Hg0	Hg0 309.461	48.0	79.7	222.47	222.58	56.1	2.765	OK	222.4638	0.00	0.02	F009427
F009427-MHg	MHg 218.258	80.0	121.7	222.58	222.58	88.5	1.571	OK	222.4638	0.00	0.02	F009427
F009427-HgI	HgI 14.856	129.6	152.2	222.55	222.55	139.4	0.131	OK	222.4633	0.00	0.02	F009427

#39: F009427-BSD1



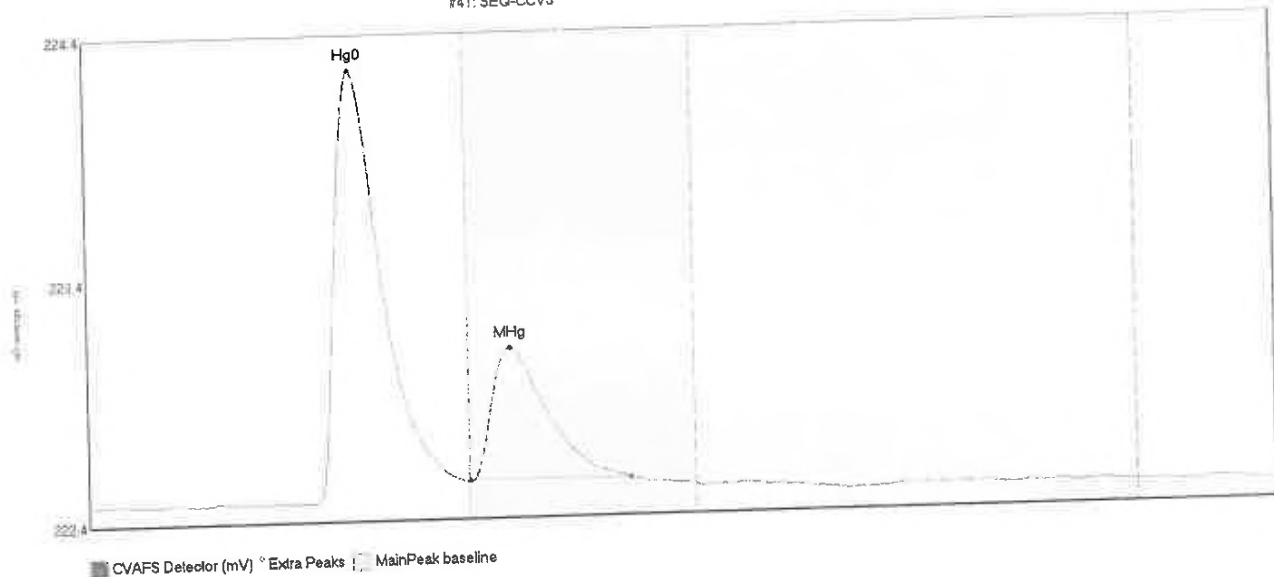
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
F009427-BSD1 Hg	388.107	41.8	80.0	222.48	222.60	55.8	3.507	CT	222.4762	0.29	2.89	F009427
F009427-BSD1 MH	190.021	80.0	123.0	222.60	222.57	88.3	1.347	OK	222.4762	0.28	2.25	F009427
F009427-BSD1 Hg	38.765	127.5	157.4	222.54	222.53	138.1	0.276	OK	222.4762	0.28	1.78	F009427

#40: F009428-BS1



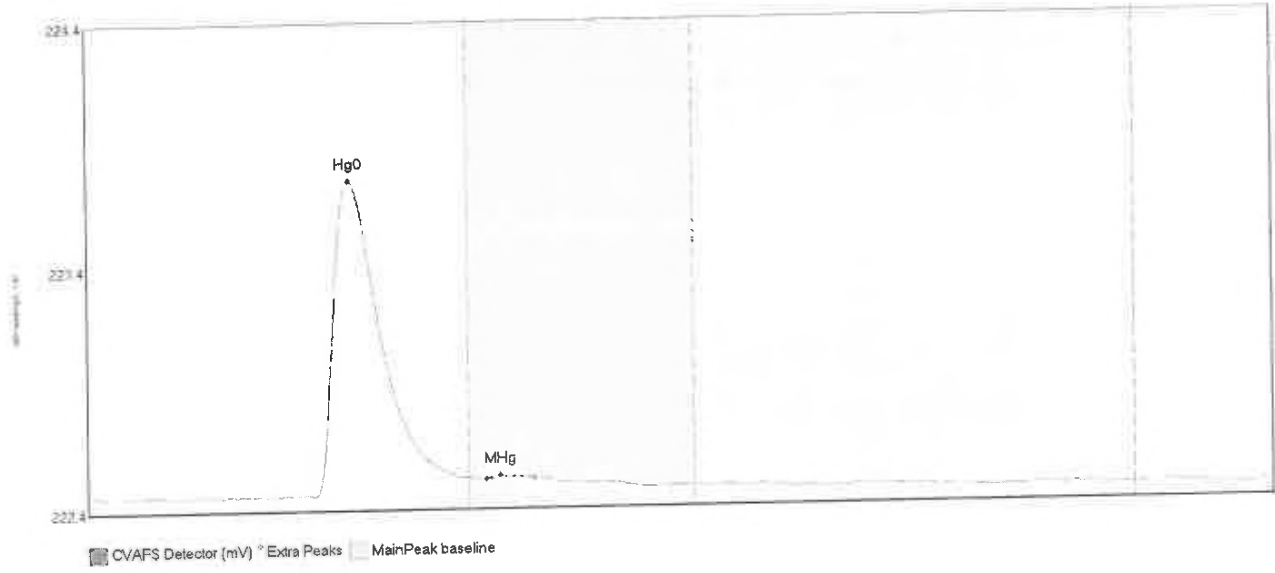
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009428-BS1 Hg0	461.526	47.1	79.9	222.46	222.61	55.7	4.128	OK	222.4630	0.00	0.02	F009428
F009428-BS1 MHg	303.384	80.0	127.5	222.61	222.55	88.5	2.109	CT	222.4630	0.00	0.02	F009428
F009428-BS1 Hg1	13.211	130.3	154.5	222.55	222.52	139.5	0.100	OK	222.4630	0.00	0.02	F009428

#41: SEG-CCV3



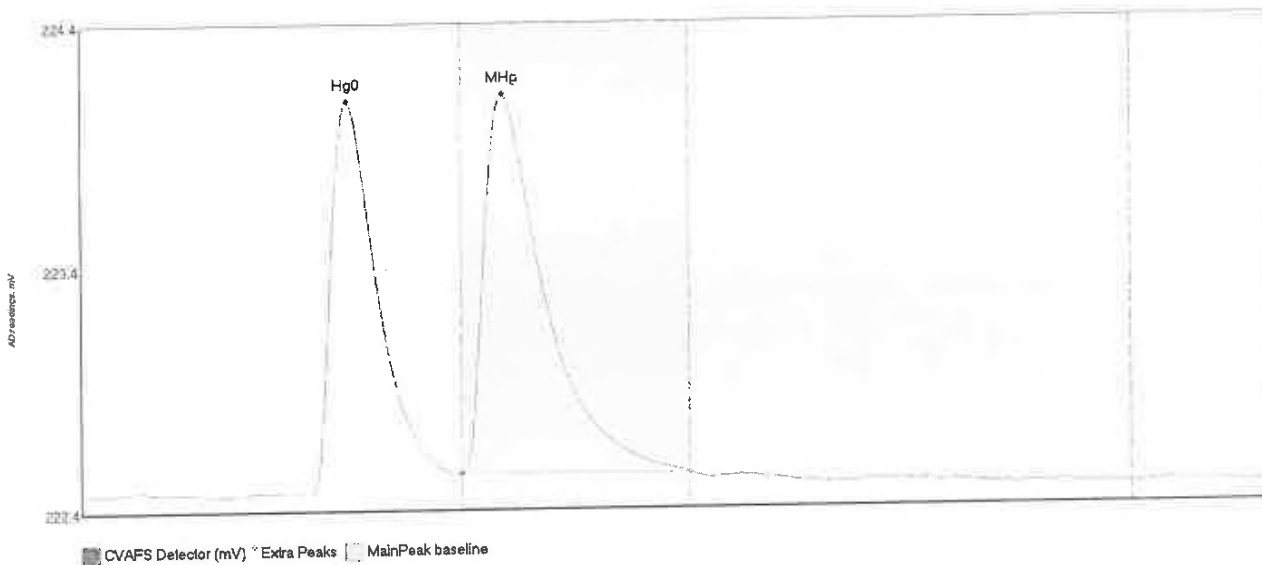
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	198.573	47.9	80.0	222.46	222.55	55.6	1.794	CT	222.4668	0.00	0.00	
MHg	73.344	80.2	113.8	222.55	222.54	88.7	0.546	OK	222.4668	0.00	0.00	

#42: SEQ-CCB3



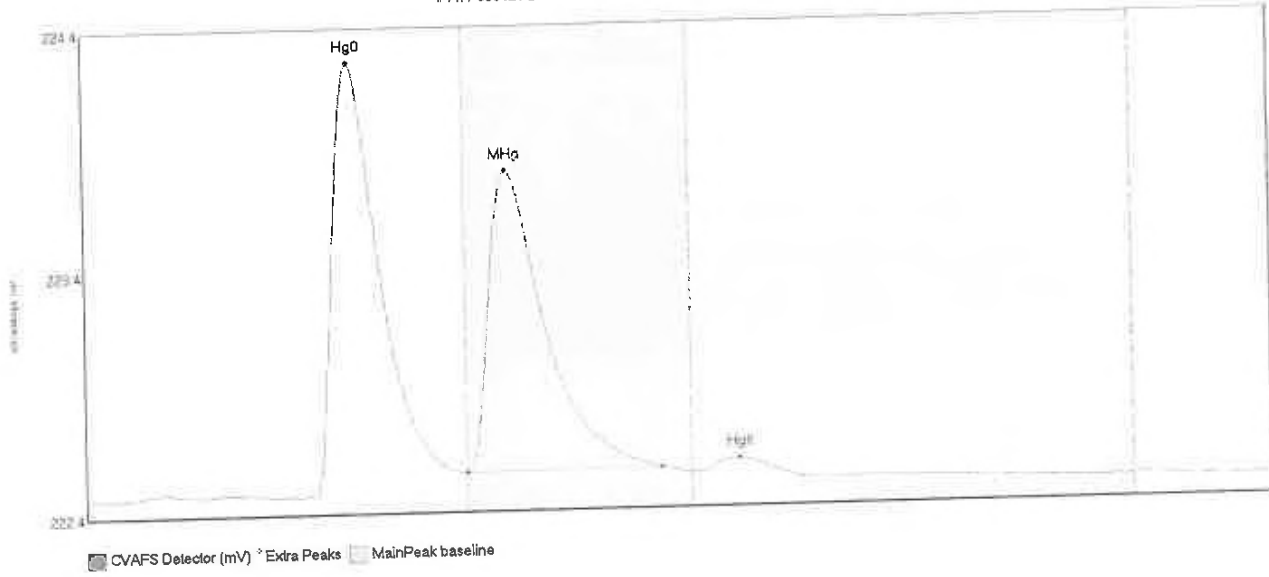
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift
SEQ-CCB3 Hg0	141.882	47.8	80.0	222.46	222.53	55.4	1.290	CT	222.4646	0.00	-0.01
SEQ-CCB3 MHg	0.886	83.5	93.7	222.52	222.52	86.4	0.015	OK	222.4646	0.00	-0.01

#43:F009424-BS1



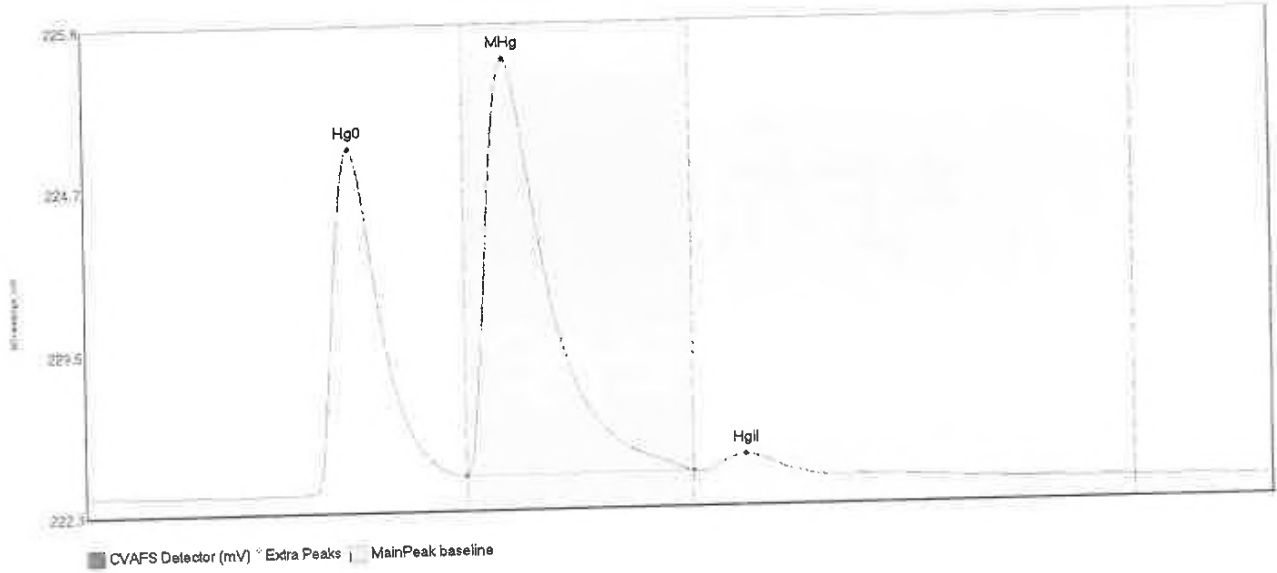
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Width	Baseline	Width	Shift	Width
F009424-BS1 Hg0	179.026	47.6	79.2	222.45	222.53	55.8	1.615	0.01	222.4516	0.01	0.01	0.01
F009424-BS1 MHg	225.663	80.0	127.5	222.53	222.53	88.7	1.560	0.01	222.4516	0.01	0.01	0.01

#44: F009424-BSD1



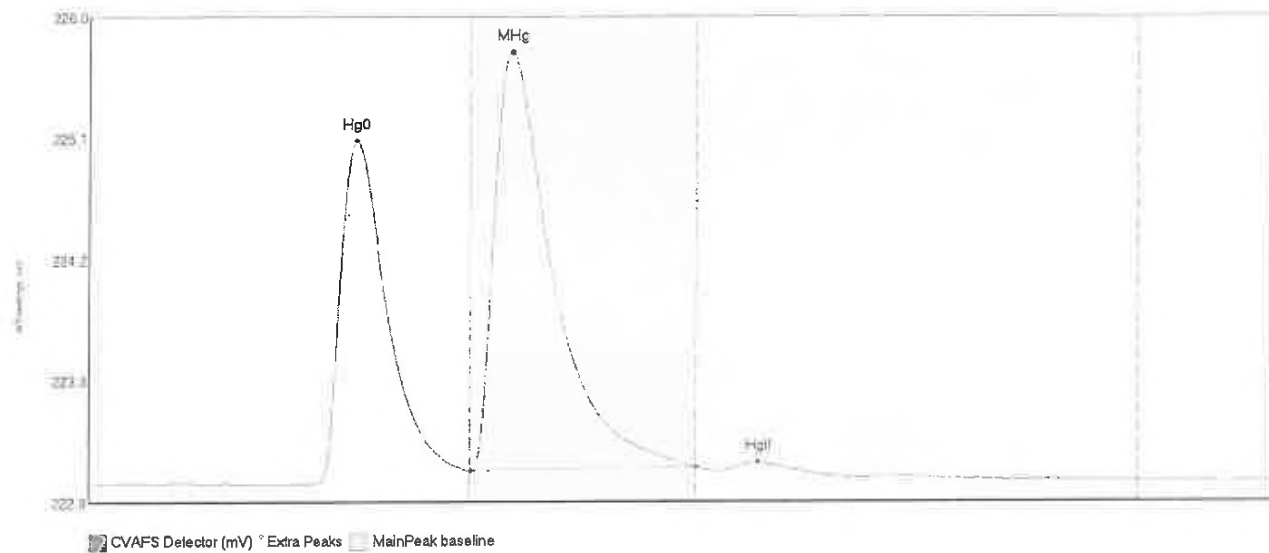
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	B1Shift	Comment
F009424-BSD1 Hg	200.402	47.9	80.0	222.46	222.55	55.8	1.804	CI	222.4585	0.05	0.01	F009424
F009424-BSD1 MH	171.567	80.1	121.2	222.55	222.55	88.6	1.257	OK	222.4585	0.05	0.01	F009424
F009424-BSD1 Hg	6.891	129.7	150.3	222.53	222.50	137.4	0.051	OK	222.4585	0.05	0.91	F009424

#45: F009425-BS1



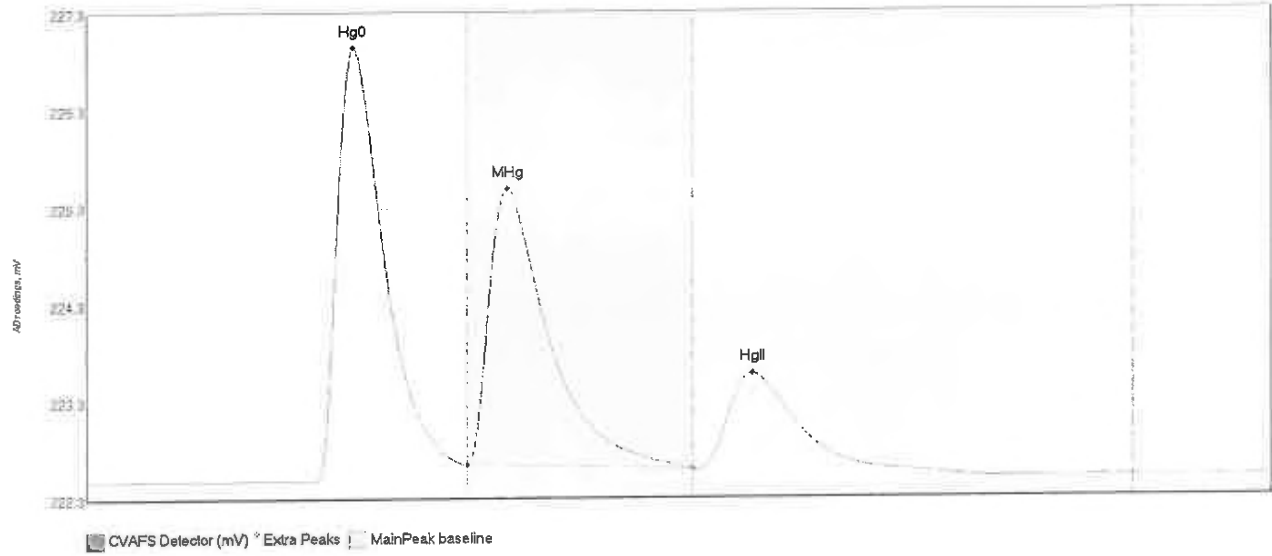
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009425-BS1 Hg0	271.729	45.8	79.6	222.47	222.58	55.8	2.467	OK	222.4696	0.00	0.01	F009425
F009425-BS1 MHg	434.039	80.0	127.5	222.59	222.59	88.4	2.982	CT	222.4696	0.00	0.01	F009425
F009425-BS1 HgI	17.740	129.4	156.2	222.53	222.54	138.5	0.126	OK	222.4696	0.00	0.01	F009425

#46: F009426-BSD1



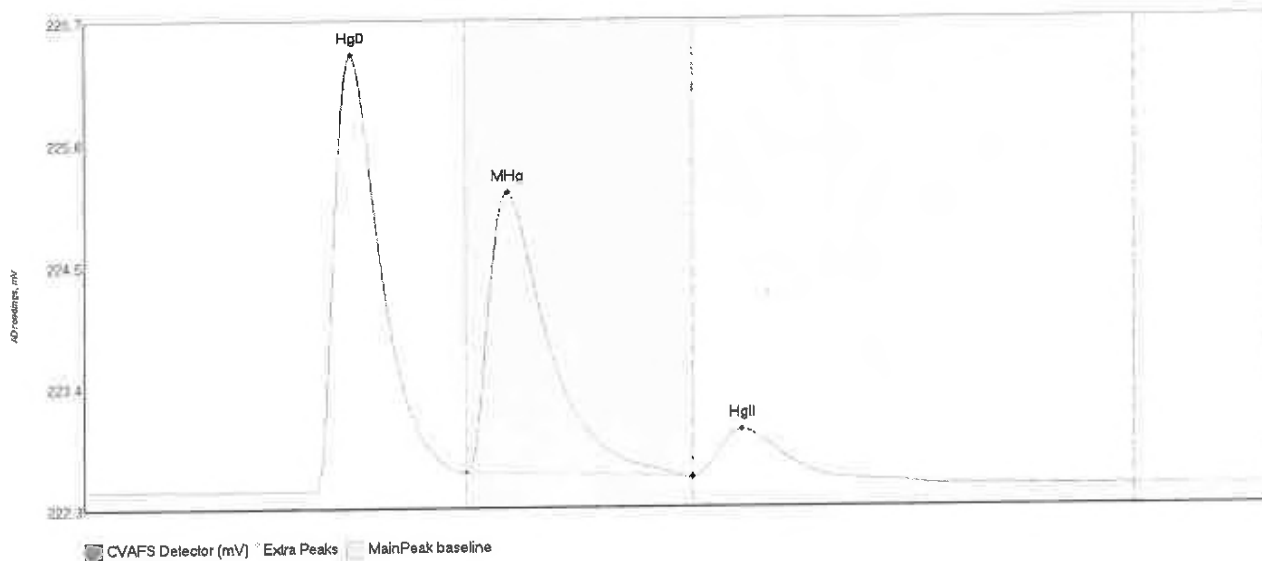
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Resol	BlDev	BlShift	Comment
27001-1-0101	Hg	48.3	80.0	222.48	222.57	56.1	2.588	CT	222.4134	0.00	0.02	F009426
27001-1-0101	MH	80.1	127.5	222.57	222.59	88.8	3.167	CT	222.4134	0.00	0.02	F009426
27001-1-0101	Hg	132.5	152.8	222.57	222.54	140.4	0.066	OK	222.4134	0.00	0.02	F009426

#47: F009426-BS1



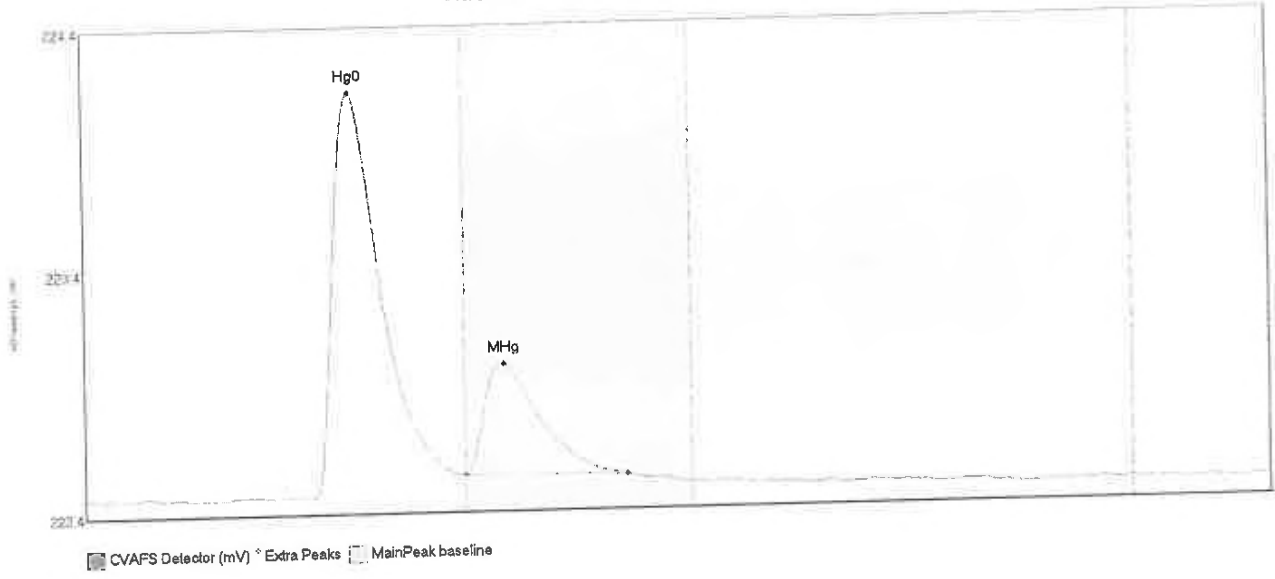
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	MIN	MAX	Comment
F009426-BS1 Hg0	497.143	47.7	79.6	222.49	222.65	56.1	4.460	OK	222.4841	2.28	2.28	F009426
F009426-BS1 MHg	415.150	80.0	127.5	222.65	222.60	88.4	2.835	CT	222.4841	2.28	2.28	F009426
F009426-BS1 HgI	155.266	128.1	171.1	222.60	222.60	139.9	0.993	OK	222.4841	2.28	2.28	F009426

#48: F009426-BSD1



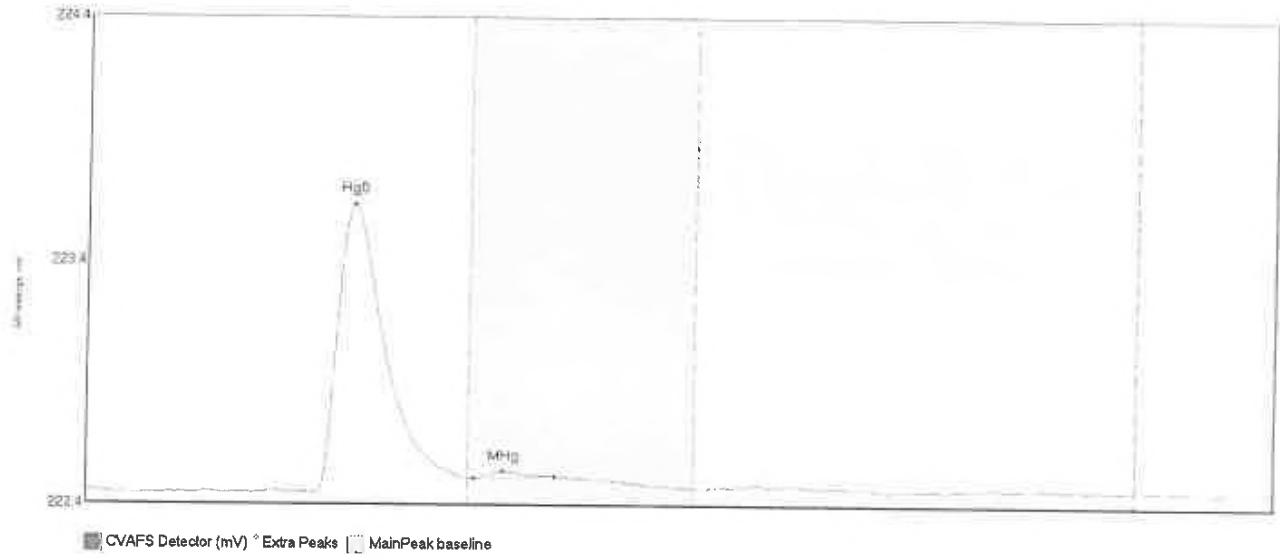
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BSD1 Hg	432.978	46.5	79.9	222.49	222.65	55.0	3.880	OK	222.4949	0.00	0.02	F009426
F009426-BSD1 MH	358.198	80.0	127.4	222.65	222.60	88.6	2.503	OK	222.4949	0.00	0.02	F009426
F009426-BSD1 Hg	60.618	127.5	158.9	222.60	222.59	137.8	0.428	OK	222.4949	0.00	0.02	F009426

#49: SEQ-CCV4



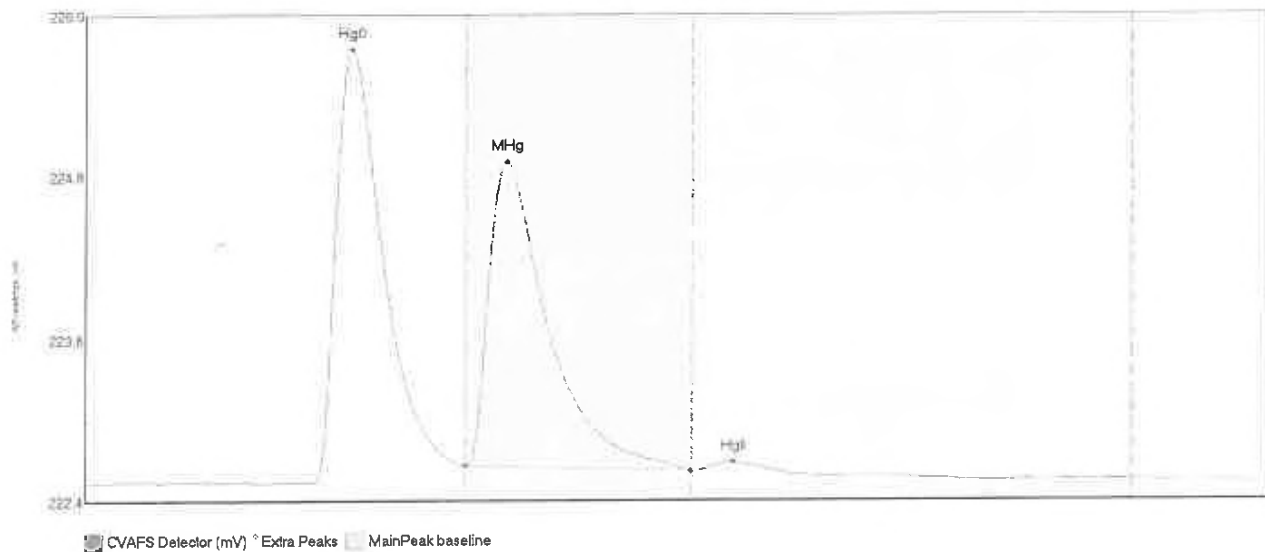
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CCV4 Hg0	185.946	47.6	79.7	222.49	222.58	56.0	1.661	OK	222.5011	0.00	0.01	
SEQ-CCV4 MHg	61.501	80.0	113.9	222.58	222.57	88.2	0.156	OK	222.5011	0.00	0.01	

#50: SEQ-CCB4



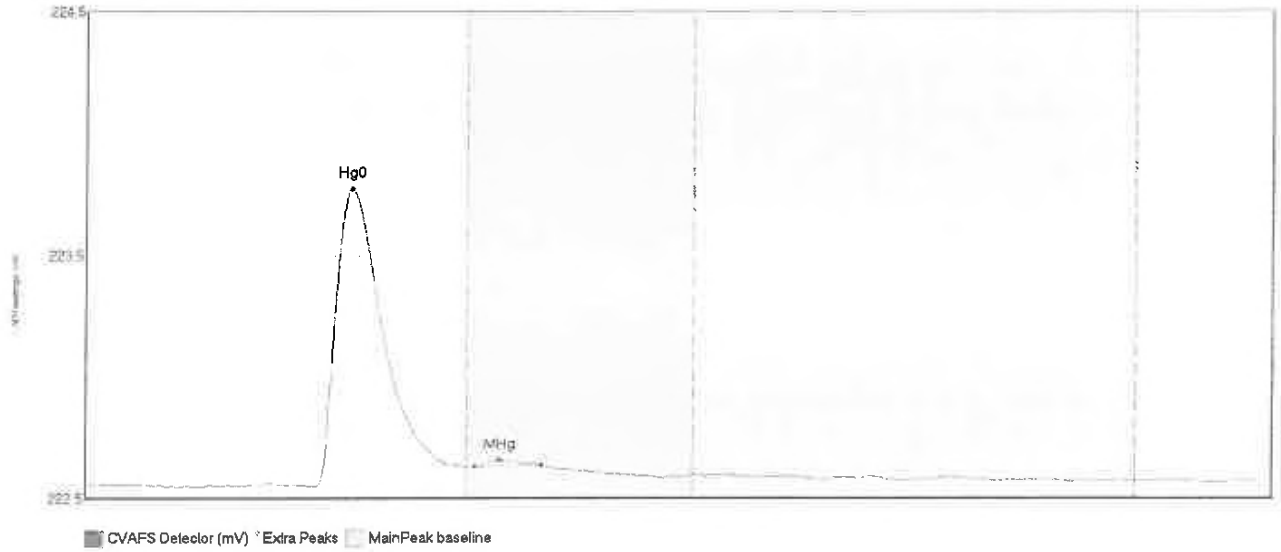
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Comment
SEQ-CCR4 Hg0	130.652	47.3	80.0	222.50	222.56	55.7	1.181	CT	222.5052	0.00	0.00	
SEQ-CCB4 MHg	2.253	81.3	98.2	222.56	222.56	87.4	0.028	OK	222.5052	0.00	0.00	

#51: F009428-BSD1



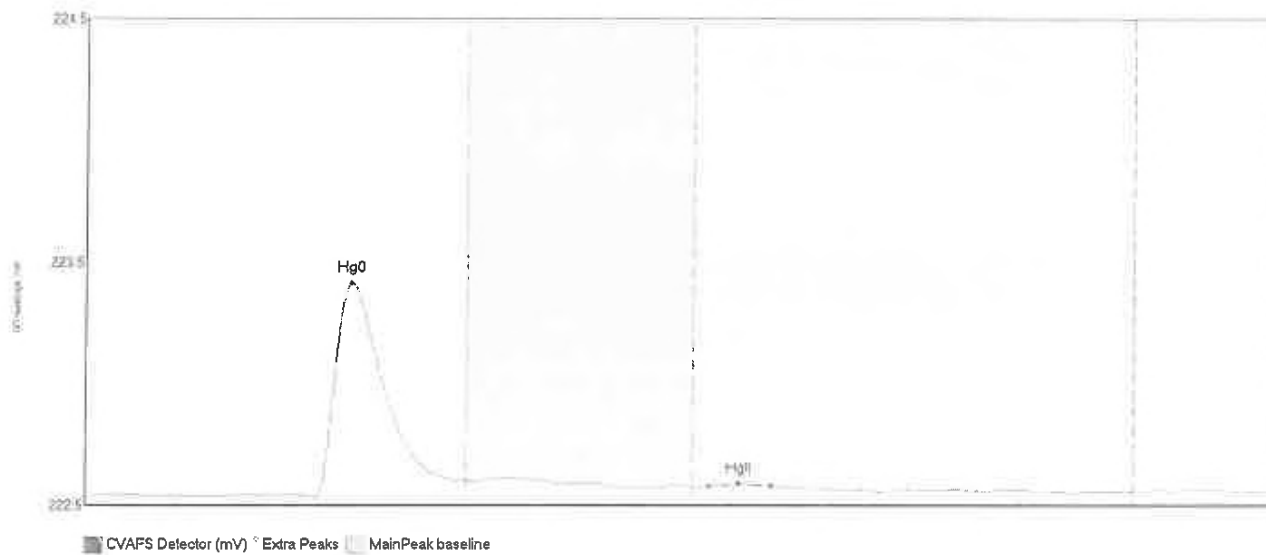
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Comment
Hg 354.591	37.5	79.9	222.49	222.62	56.2	3.215	OK	222.4950	0.01	0.01	Y009428
MHg 322.076	80.0	127.1	222.62	222.59	88.5	2.250	OK	222.4950	0.01	0.01	F009428
Hg 7.294	128.1	149.1	222.59	222.56	136.2	0.057	OK	222.4950	0.01	0.01	F009428

#52: F009424-BLK1



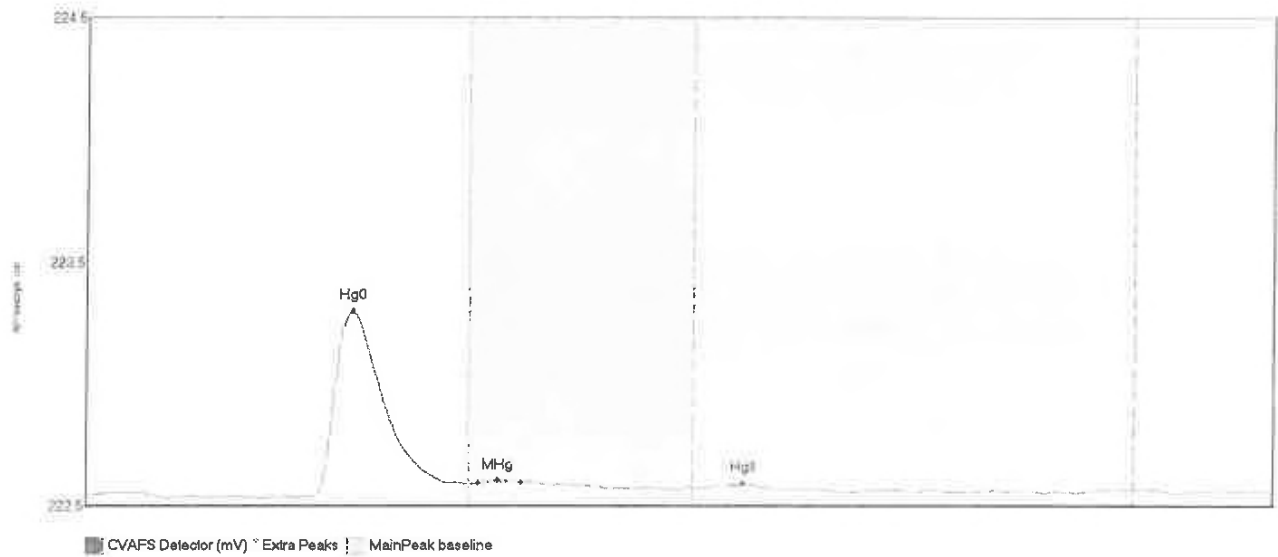
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIUV	BShift	Comment
F009424-BLK1 Hg	135.589	48.0	80.0	222.50	222.58	55.3	1.217	CT	222.5098	2.00	0.01	F009424
F009424-BLK1 MH	2.146	81.8	95.7	222.58	222.58	87.0	0.027	GK	222.5098	2.20	0.01	F009424

#53: F009424-BLK2



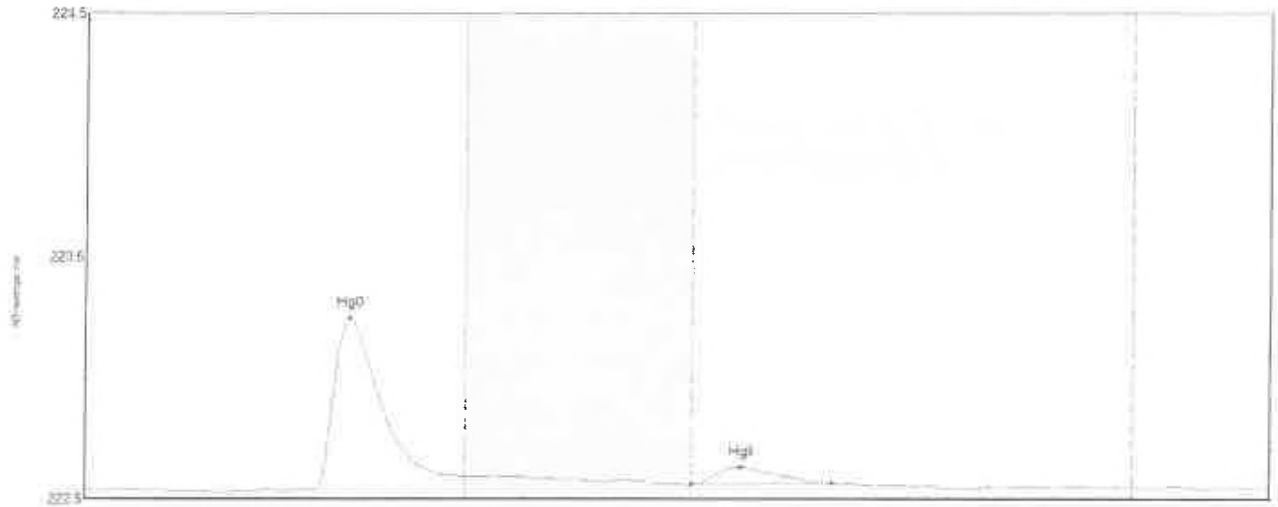
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	MinUV	BIShift	Comment
F009424-BLK2 Hg	98.190	48.0	80.0	222.51	222.58	55.6	0.880	CT	222.5208	0.30	0.01	F009424
F009424-BLK2 Hg	0.902	130.9	143.9	222.55	222.55	137.0	0.011	OK	222.5208	0.40	0.01	F009424

#54: F009424-BLK3



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BShift	Comment
F009424-BLK3 Hg	83.296	47.7	80.0	222.53	222.58	55.8	0.756	CT	222.5331	2.34	0.01	F009424
F009424-BLK3 MH	0.570	82.0	91.0	222.58	222.58	85.9	0.013	OK	222.5331	0.00	0.01	F009424
F009424-BLK3 Hg	0.934	130.5	141.9	222.56	222.56	137.8	0.016	OK	222.5331	0.00	0.01	F009424

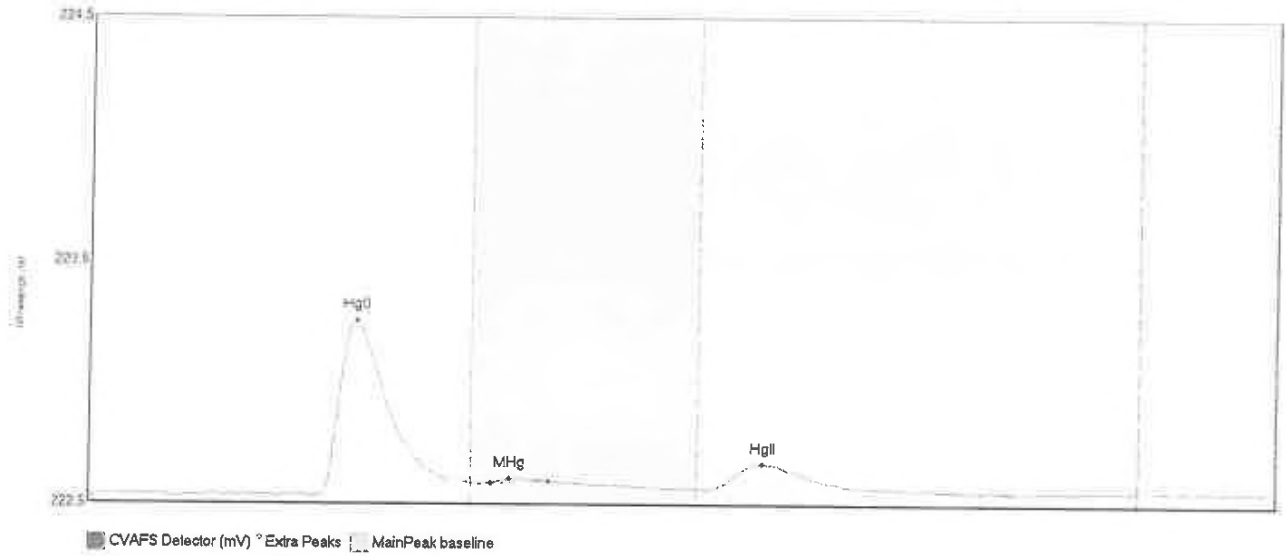
#55: F009424-BLK4



CVAFS Detector (mV) Extra Peaks MainPeak baseline

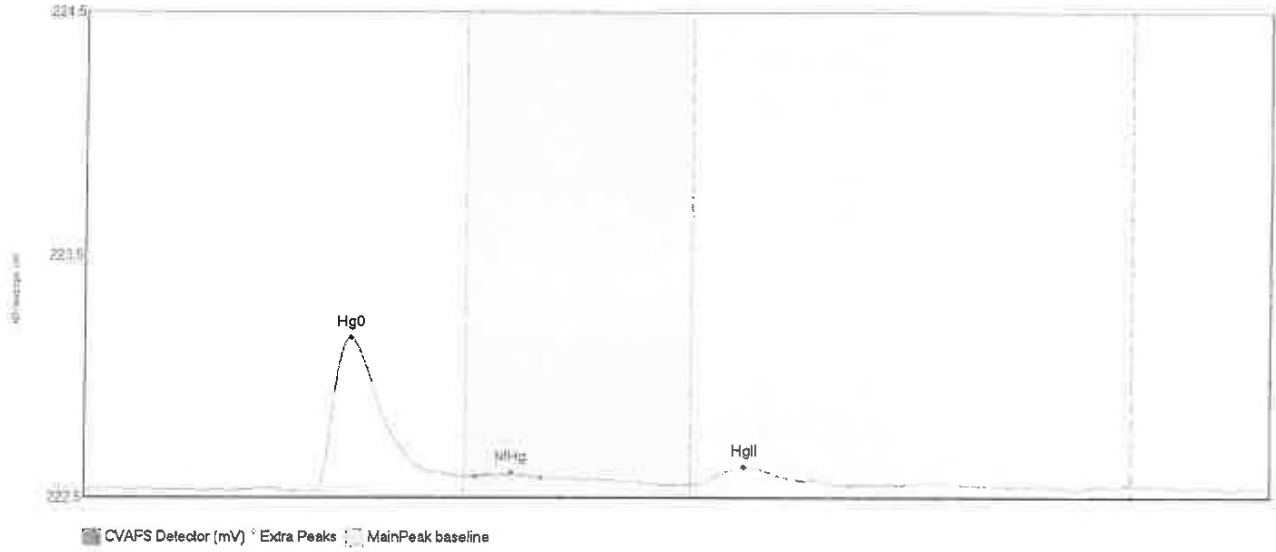
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Bdev	BShift	Comment
F009424-BLK4 Hg	76.609	47.2	79.2	222.55	222.60	55.7	0.705	OK	222.5466	0.00	0.00	F009424
F009424-BLK4 Hg	9.963	127.5	157.2	222.57	222.57	138.0	0.070	OK	222.5466	0.00	0.00	F009424

#56: F009424-BLK5



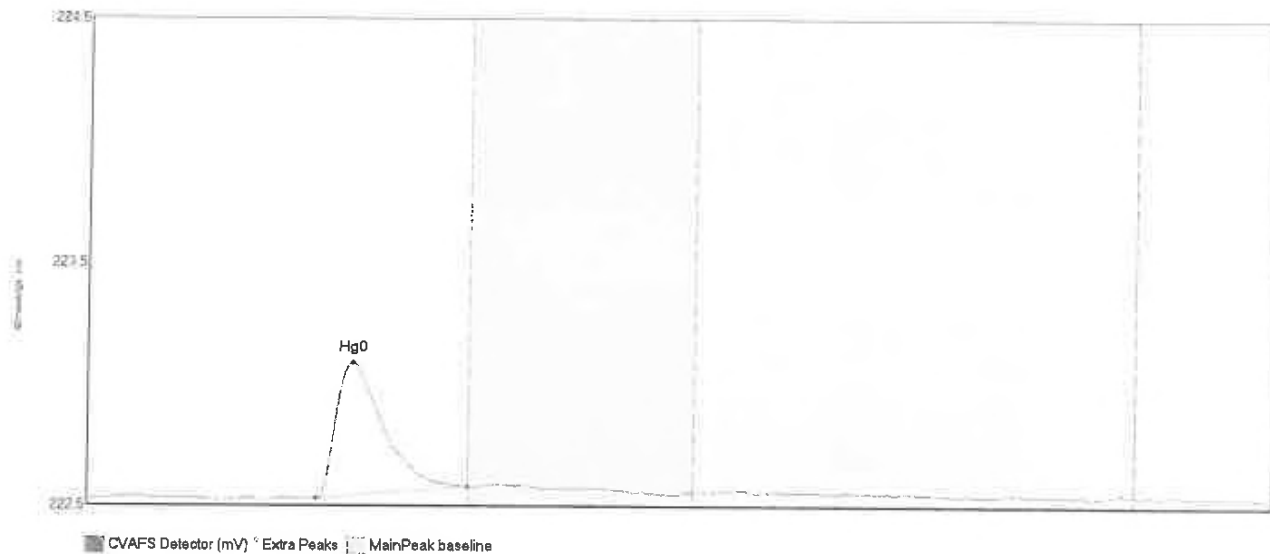
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-BLK5 Hg	20.118	48.4	80.0	222.55	222.61	55.9	0.718	CT	222.5503	0.00	0.02	F009424
F009424-BLK5 MH	1.179	84.2	96.5	222.61	222.61	88.1	0.017	OK	222.5503	0.00	0.02	F009424
F009424-BLK5 Hg	15.640	130.2	161.0	222.58	222.59	141.1	0.105	OK	222.5503	0.00	0.02	F009424

#57: F009424-BLK6

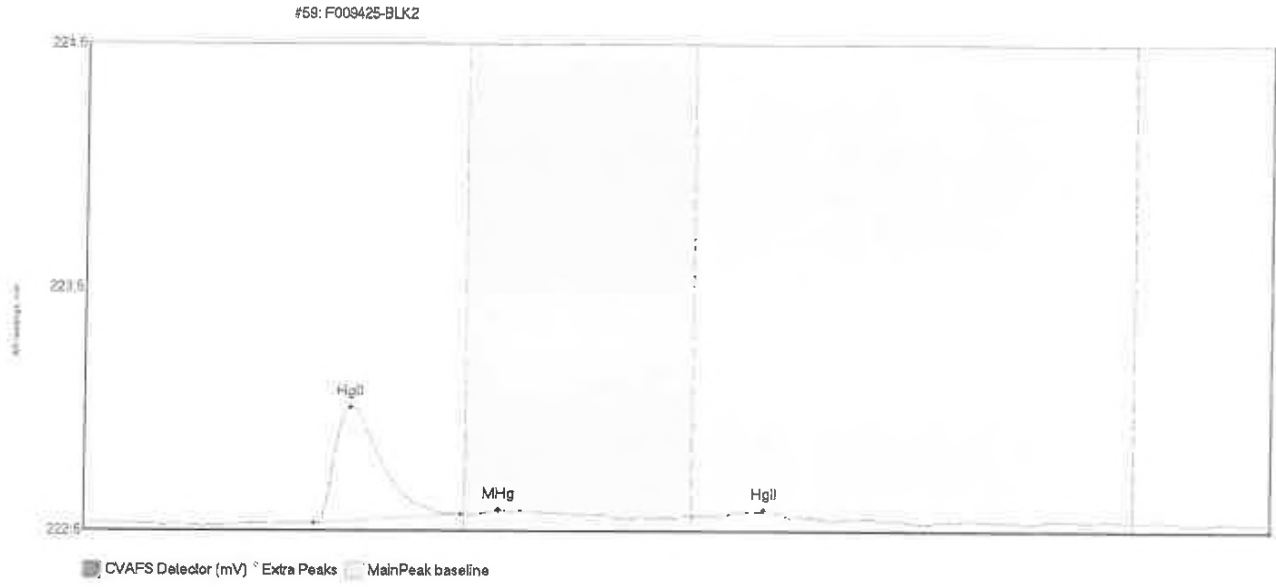


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-BLK6 Hg	69.430	46.9	79.9	222.56	222.62	55.8	0.636	OK	222.5636	0.00	0.01	F009424
F009424-BLK6 MH	1.298	82.2	96.0	222.62	222.61	89.7	0.013	OK	222.5636	0.00	0.01	F009424
F009424-BLK6 Hg	10.675	128.8	153.3	222.59	222.58	139.6	0.071	OK	222.5636	0.00	0.01	F009424

#58: F009424-BLK7

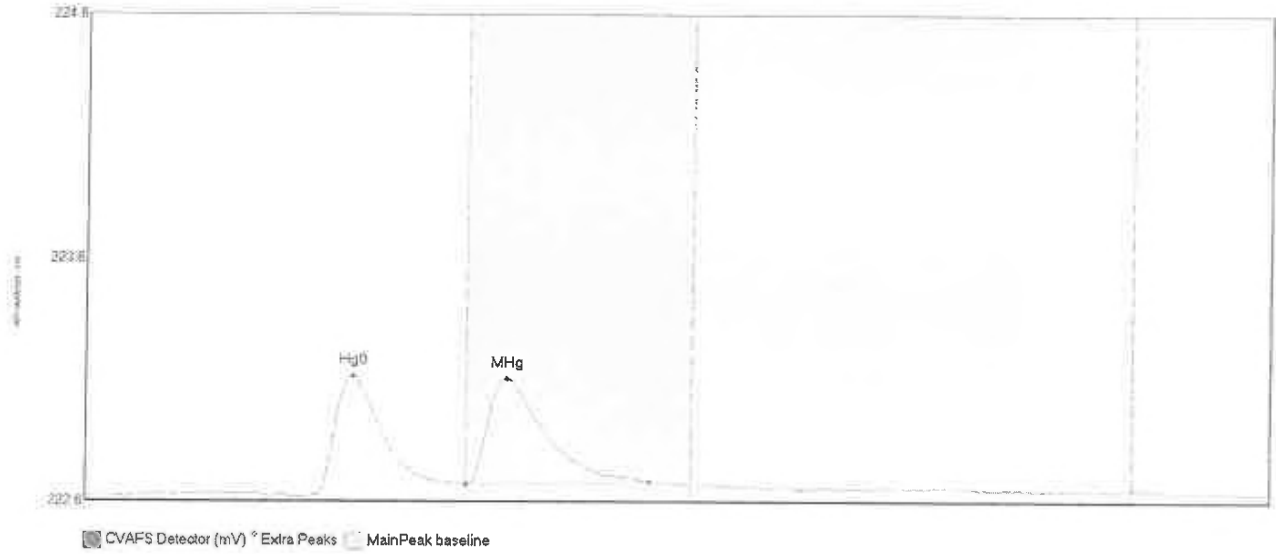


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009424-BLK7	62.070	48.5	79.9	222.56	222.61	55.8	0.556	OK	222.5634	0.00	0.00	F009424



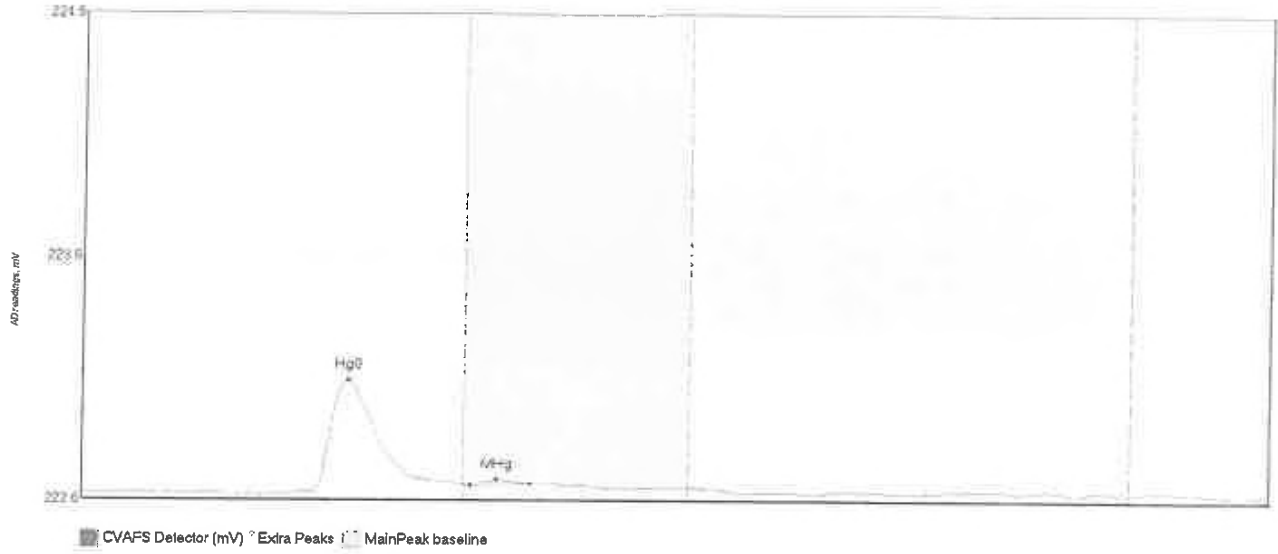
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	lDev	lShift	Comment
F009425-BLK2 Hg	53.338	48.2	79.2	222.58	222.62	55.7	0.479	OK	222.5868	0.00	-0.01	F009425
F009425-BLK2 MH	1.993	82.1	101.4	222.62	222.62	87.0	0.019	OK	222.5868	0.00	-0.01	F009425
F009425-BLK2 Hg	2.493	132.3	148.4	222.61	222.61	142.5	0.026	OK	222.5868	0.00	-0.01	F009425

#80: SEQ-CCV5



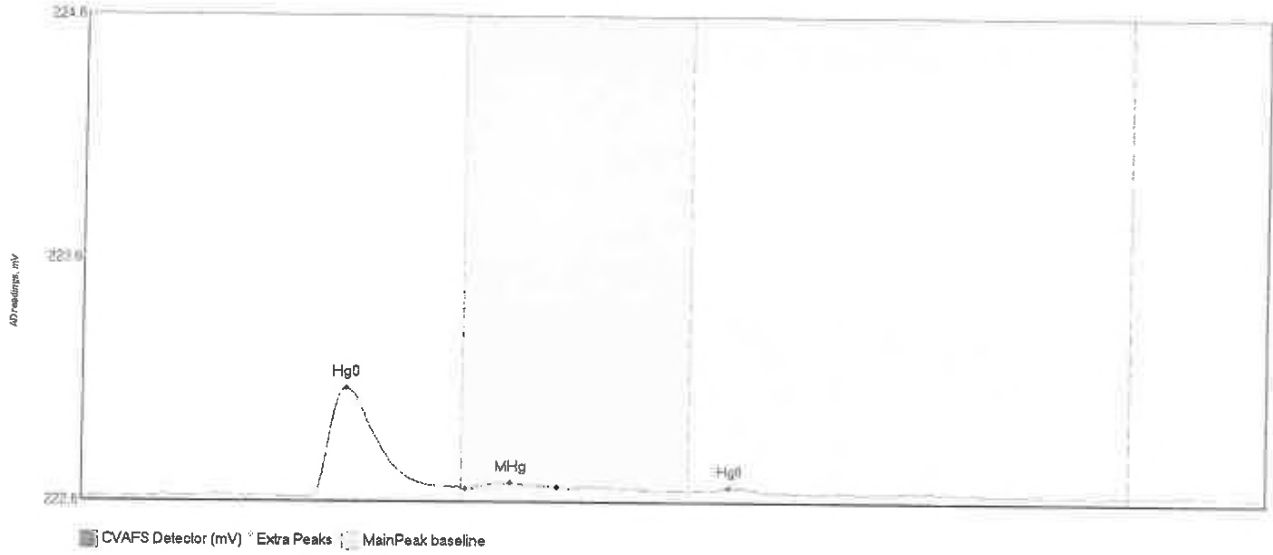
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	NDX	BiShift	
SEQ-CCV5 Hg0	53.325	48.5	79.6	222.58	222.62	56.3	0.487	OK	222.5750	100	0.01	
SEQ-CCV5 MHg	60.346	80.0	118.8	222.62	222.63	88.5	0.435	OK	222.5750	100	0.01	

#61: SEQ-CCB5



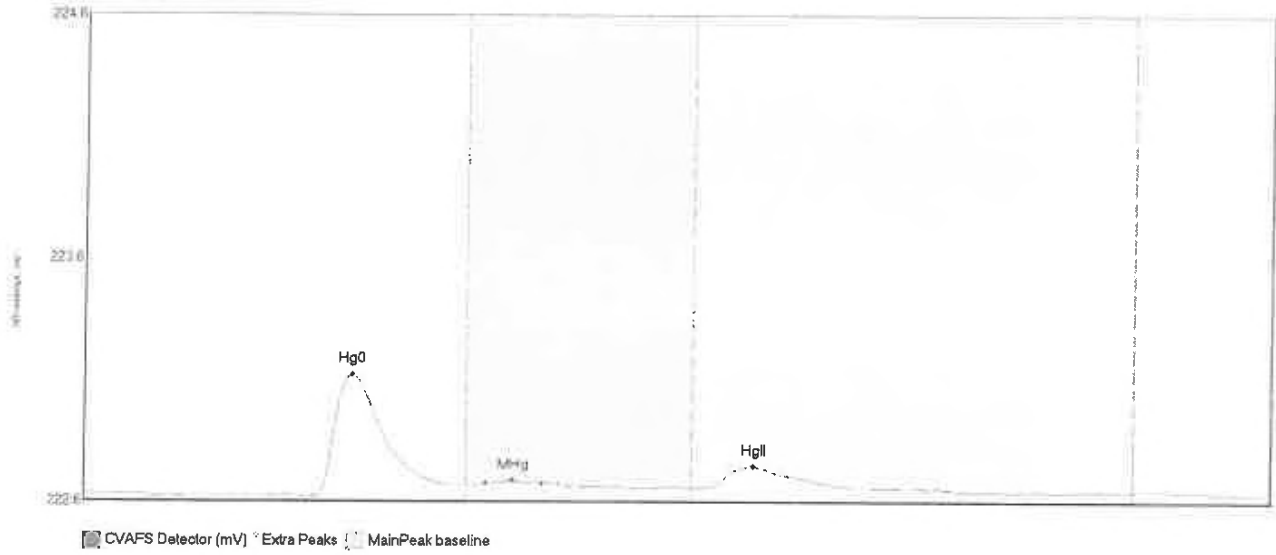
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDov	BShift	Comment
SEQ-CCB5 Hg0	49.427	48.1	80.0	222.60	222.63	55.8	0.460	CF	222.5918	0.00	0.00	
SEQ-CCB5 MHg	1.118	81.4	93.9	222.63	222.63	87.0	0.021	OK	222.5918	0.00	0.00	

#62: F009425-BLK3



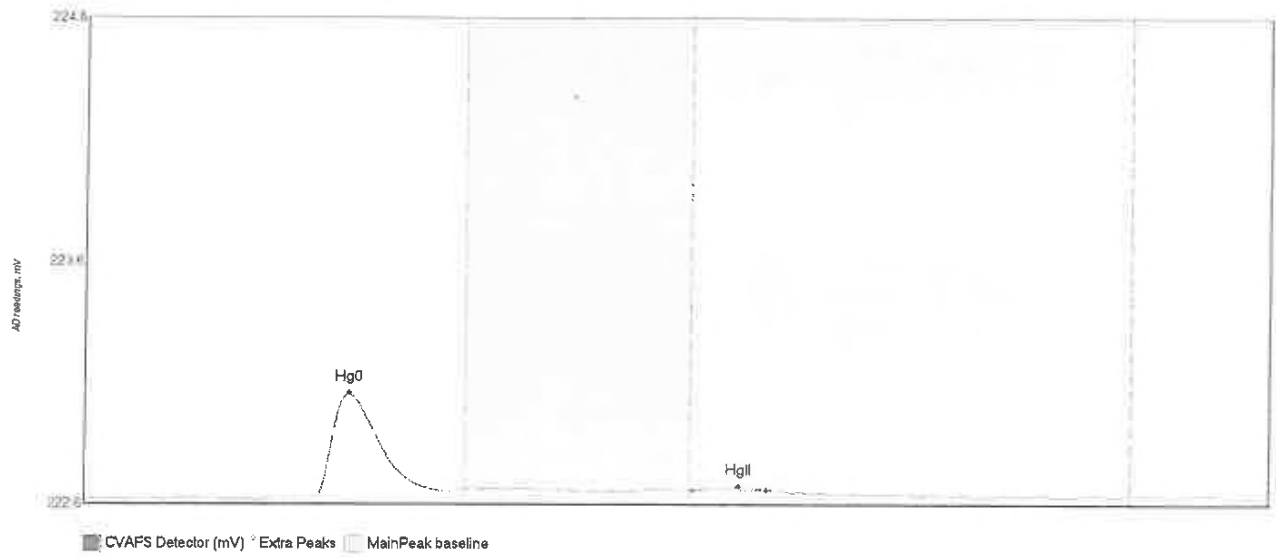
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
F009425-BLK3	Hg	48.2	80.0	222.59	222.63	55.7	0.446	CT	222.5869	3.00	0.00	F009425
F009425-BLK3	MH	80.8	99.9	222.62	222.63	90.2	0.025	OK	222.5869	0.00	0.00	F009425
F009425-BLK3	Hg	132.6	142.4	222.62	222.62	136.1	0.011	OK	222.5869	0.00	0.00	F009425

#63; F009426-BLK1



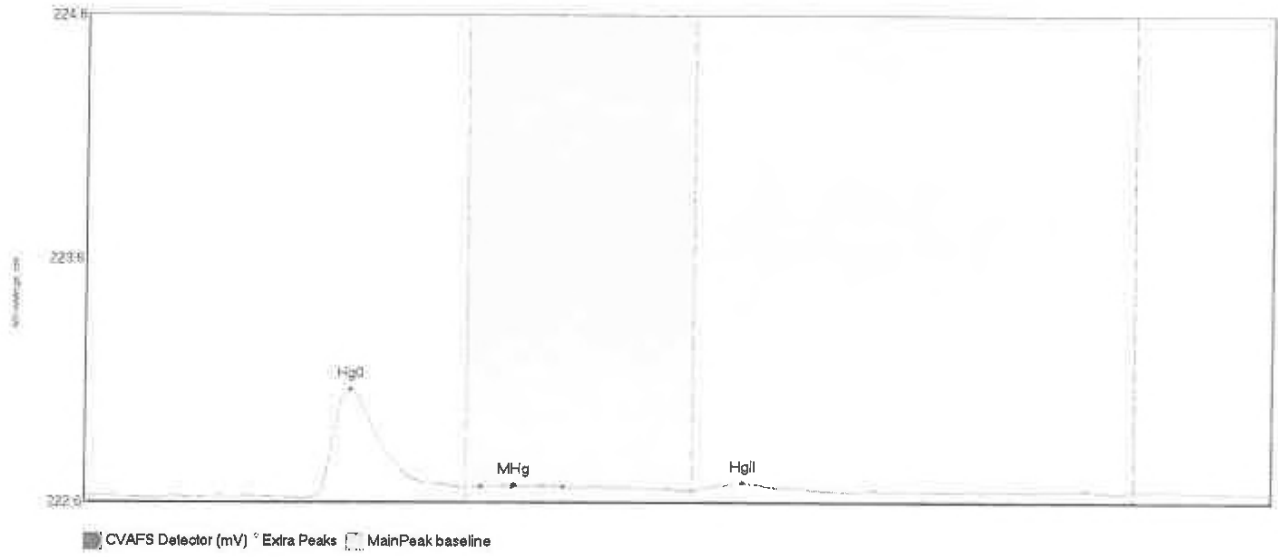
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Shift	Comment
F009426-BLK1 Hg	54.830	48.3	78.7	222.59	222.64	55.9	0.502	OK	222.6003	0.00	0.00	F009426
F009426-BLK1 MH	0.926	84.2	96.1	222.64	222.64	90.0	0.014	OK	222.6003	0.00	0.00	F009426
F009426-BLK1 Hg	12.151	131.0	159.8	222.63	222.63	140.2	0.087	OK	222.6003	0.00	0.00	F009426

#64: F009426-BLK2



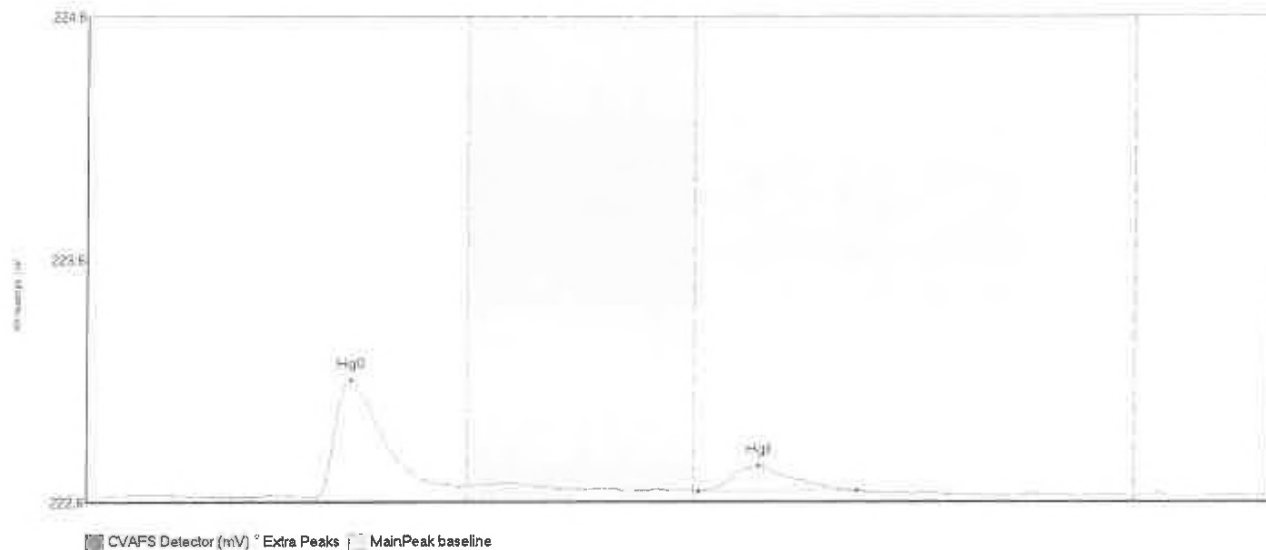
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Height	Width	Shift	Comment
F009426-BLK2 Hg	45.582	43.0	75.7	222.61	222.64	55.5	0.433	OK	222.635	4.34	0.00	F009426
F009426-BLK2 Hg	1.235	128.2	143.3	222.64	222.65	137.5	0.017	OK	222.645	0.46	0.00	F009426

#65: F009426-BLK3

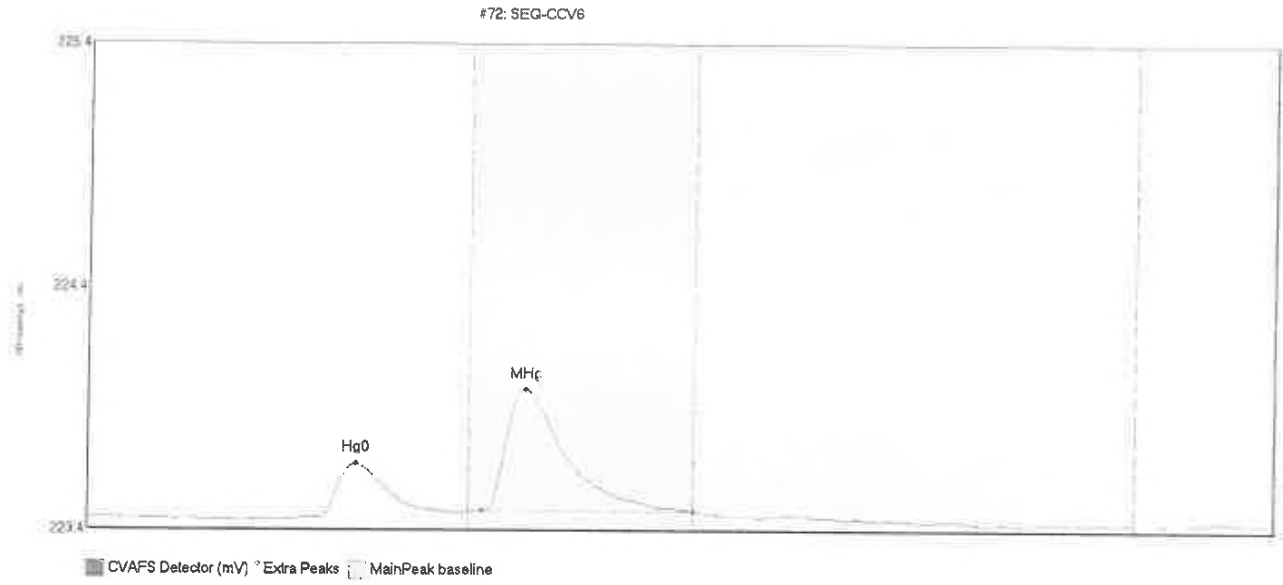


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BLK3 Hg	48.906	46.4	79.8	222.61	222.65	55.9	0.444	OK	222.6199	0.00	0.01	F009426
F009426-BLK3 MH	1.107	83.1	100.2	222.65	222.65	89.8	0.013	OK	222.6199	0.00	0.01	F009426
F009426-BLK3 Hg	2.468	129.2	149.2	222.65	222.65	137.9	0.024	OK	222.6199	0.00	0.01	F009426

#66: F009427-BLK1



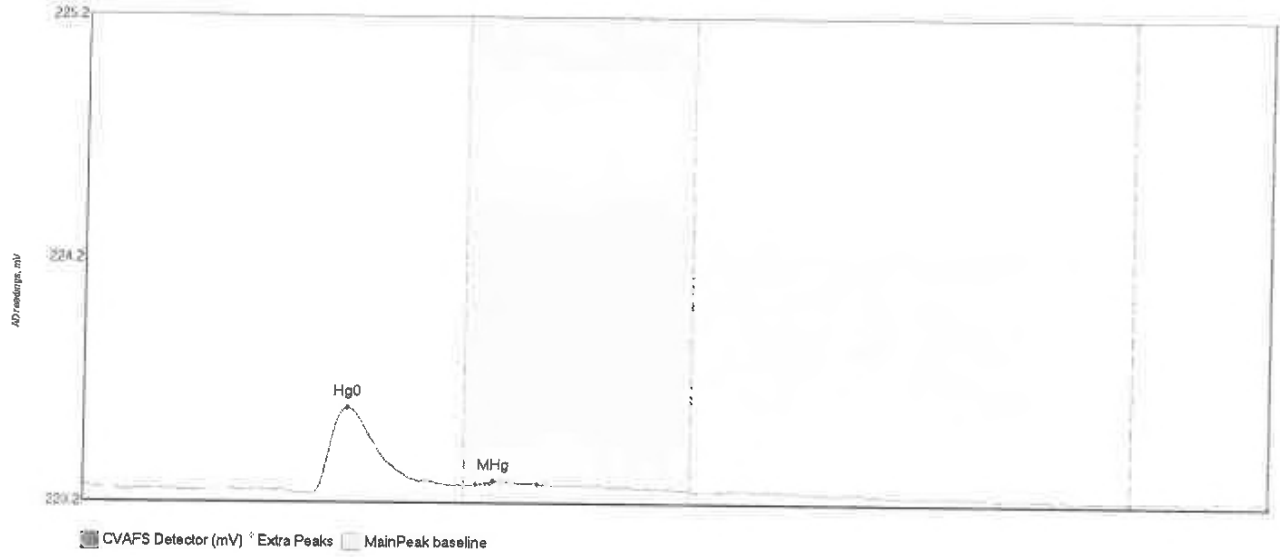
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-BLK1 Hg	52.718	48.2	78.7	222.62	222.67	55.6	0.485	OK	222.6300	0.00	0.00	F009427
F009427-BLK1 Hg	15.317	128.4	161.8	222.65	222.65	141.0	0.106	OK	222.6300	0.00	0.00	F009427



line 67-71 skipped due to computer crash,
no data recorded - ZCH 10/5/2020

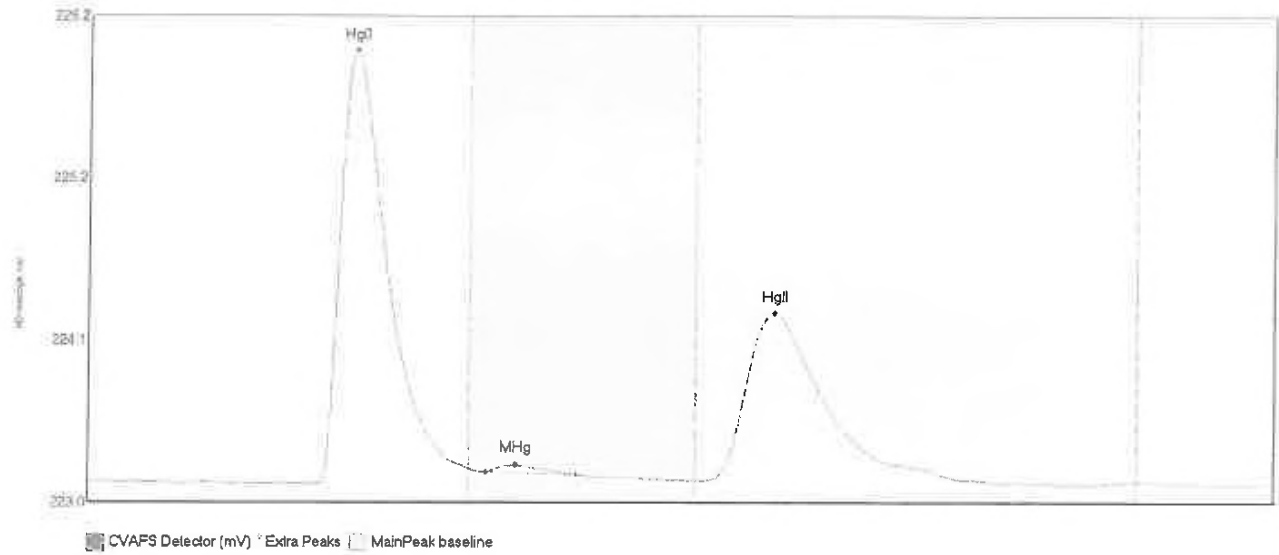
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Waveform	BDev	BShift	Comment
SEQ-CCV6 Hg0	24.736	47.7	78.4	223.41	223.43	56.2	0.226	OK	223.4087	0.00	-0.03	
SEQ-CCV6 MHg	71.967	82.9	127.5	223.44	223.43	91.7	0.503	CT	223.4087	0.00	-0.03	

#73: SEQ-CCB6



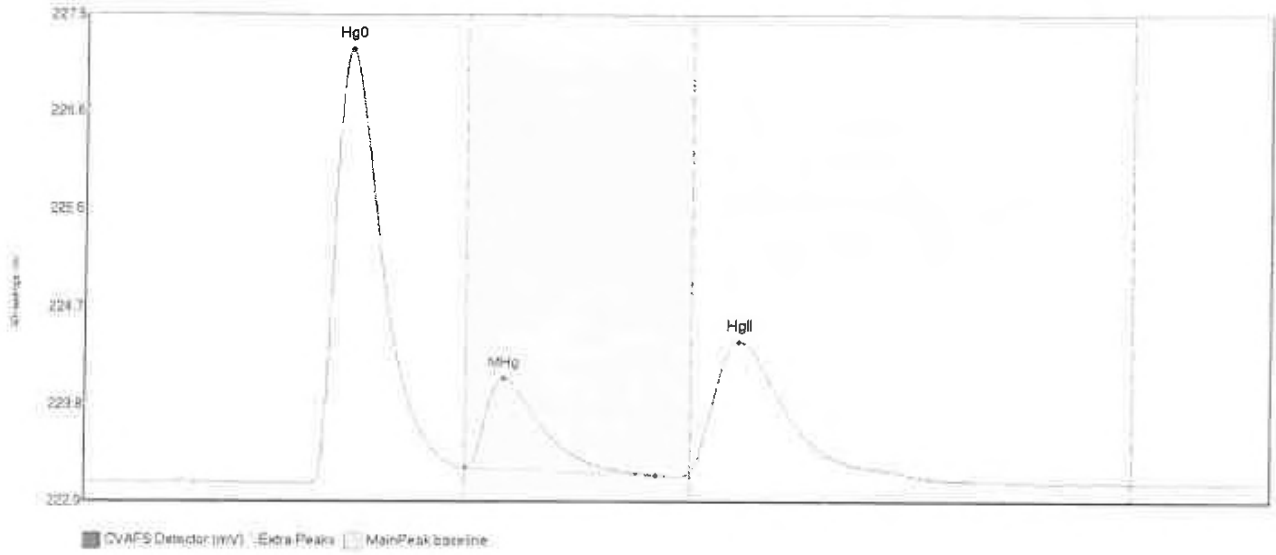
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCB6 Hg0	37.820	48.4	80.0	223.24	223.28	55.6	0.349	CT	223.2630	0.00	-0.04	
SEQ-CCB6 MHg	1.141	82.5	95.3	223.28	223.28	66.2	0.017	OK	223.2680	0.00	-0.04	

#74: 000073-18



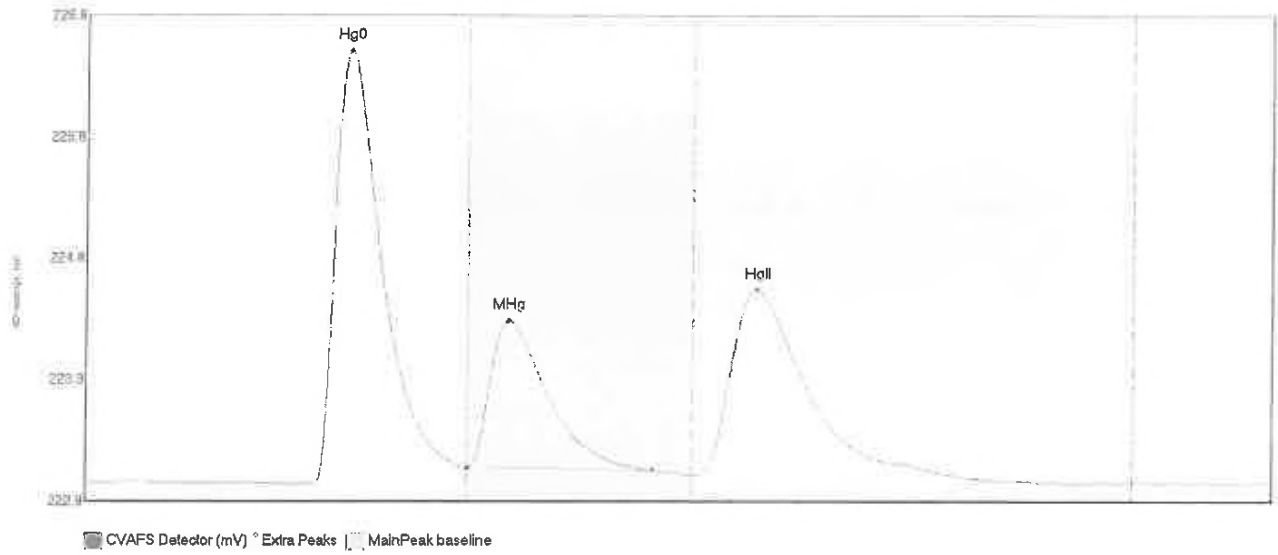
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Approximate	Width	Height	Comment
0100073-18	Hg0 317.879	47.2	80.0	223.14	223.25	56.0	2.680	CT	223.14	0.20	44.33	0100073
0100073-18	MHg 5.543	83.5	102.4	223.23	223.28	89.6	0.044	OK	223.24	0.20	25.21	0100073-1
0100073-18	HgI 263.952	129.2	185.1	223.17	223.17	143.7	1.104	OK	223.17	0.20	48.42	0009422

#75: F009424-MS1



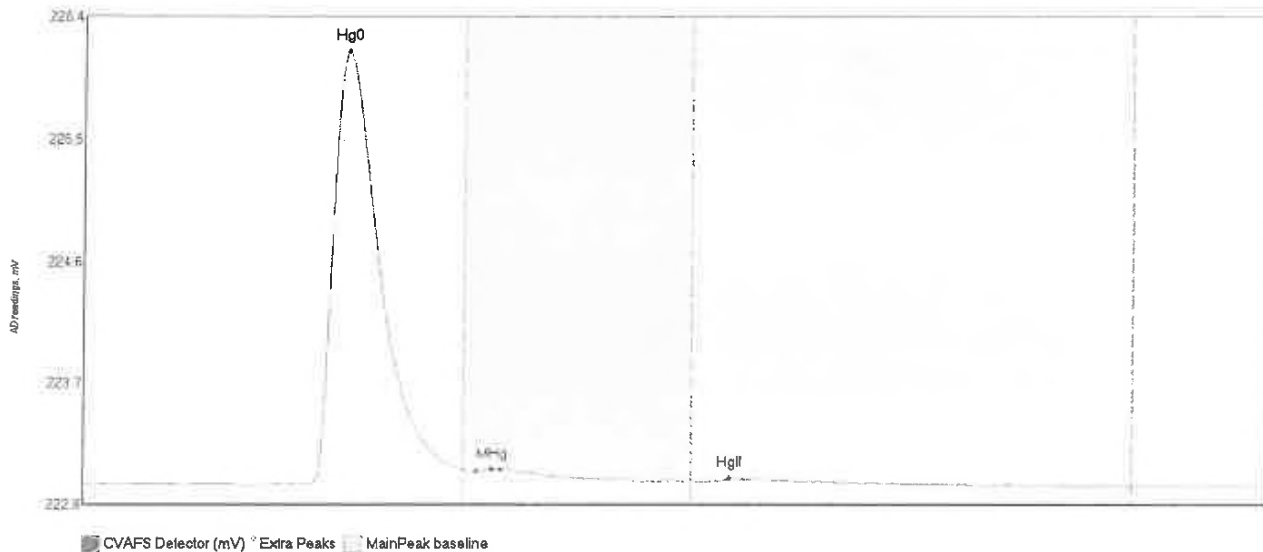
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009424-MS1 Hg0	454.100	47.7	79.9	223.08	223.22	55.8	4.073	OK	223.0840	0.00	0.00	F009428
F009424-MS1 MHg	117.594	80.1	120.2	223.22	223.15	88.1	0.848	OK	223.0840	0.00	0.00	F009428
F009424-MS1 HgI	191.825	127.5	166.2	223.20	223.21	137.4	1.223	OK	223.0840	0.00	0.00	F009428

#78: F009424-MSD1



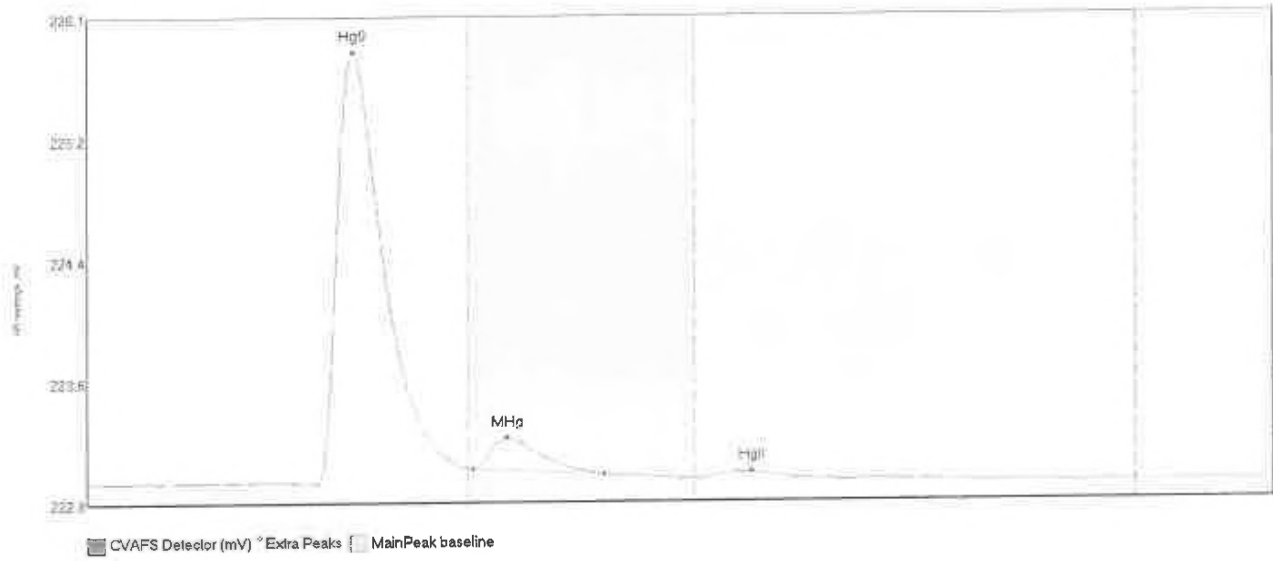
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009424-MSD1 Hg	387.266	47.7	80.0	223.02	223.14	55.6	3.504	CT	223.0255	0.00	0.00	F009424
F009424-MSD1 MH	166.734	80.1	119.2	223.14	223.12	88.6	1.194	OK	223.0255	0.00	0.00	F009424
F009424-MSD1 Hg	274.064	127.7	185.6	223.08	223.06	140.8	1.502	OK	223.0255	0.00	0.00	F009424

#77: 0100072-01



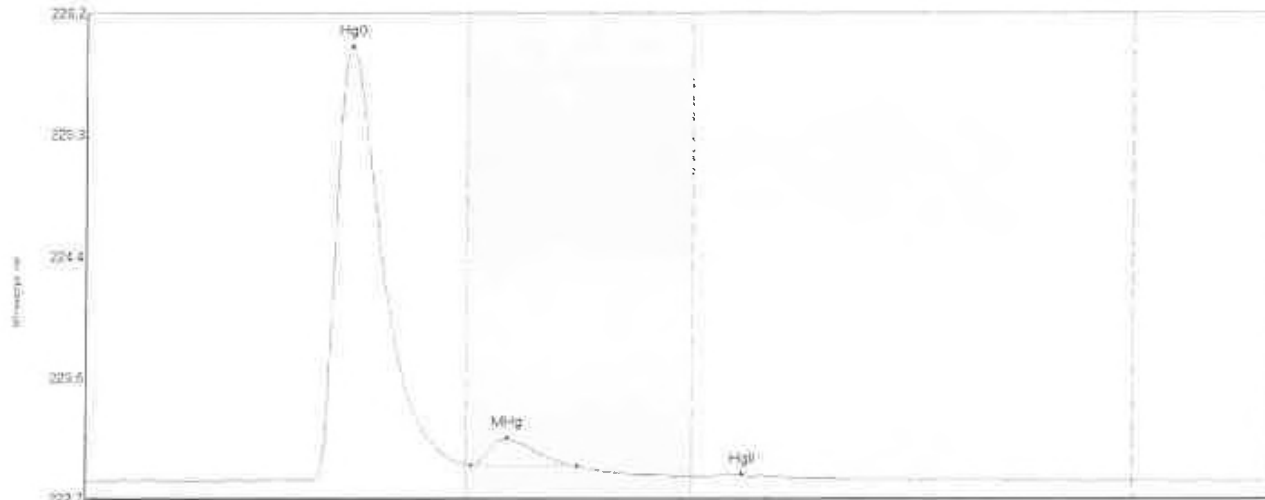
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak	PeakHeight	Flags	Baseline	BiShift	Comment
0100072-01 Hg0	346.326	45.5	80.0	222.97	223.07	55.6	3.153	CT	222.9604	-0.01	F009424
0100072-01 MHg	0.268	82.7	87.7	223.05	223.07	86.0	0.017	OK	222.9604	-0.01	F009424
0100072-01 HgII	2.180	130.7	149.6	222.99	222.98	135.4	0.019	OK	222.9604	-0.01	F009424

#78: F009424-MS2



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Baseline	Offset	Comment
F009424-MS2 Hg0	325.047	48.0	80.0	222.85	223.00	55.9	2.929	CT	222.9037	0.00	-0.02		F009424
F009424-MS2 MHg	26.932	81.0	108.5	222.99	222.95	88.3	0.213	OK	222.9037	0.00	-0.02		F009424
F009424-MS2 HgII	5.639	127.9	149.8	222.91	222.92	139.2	0.047	OK	222.9037	0.00	-0.02		F009424

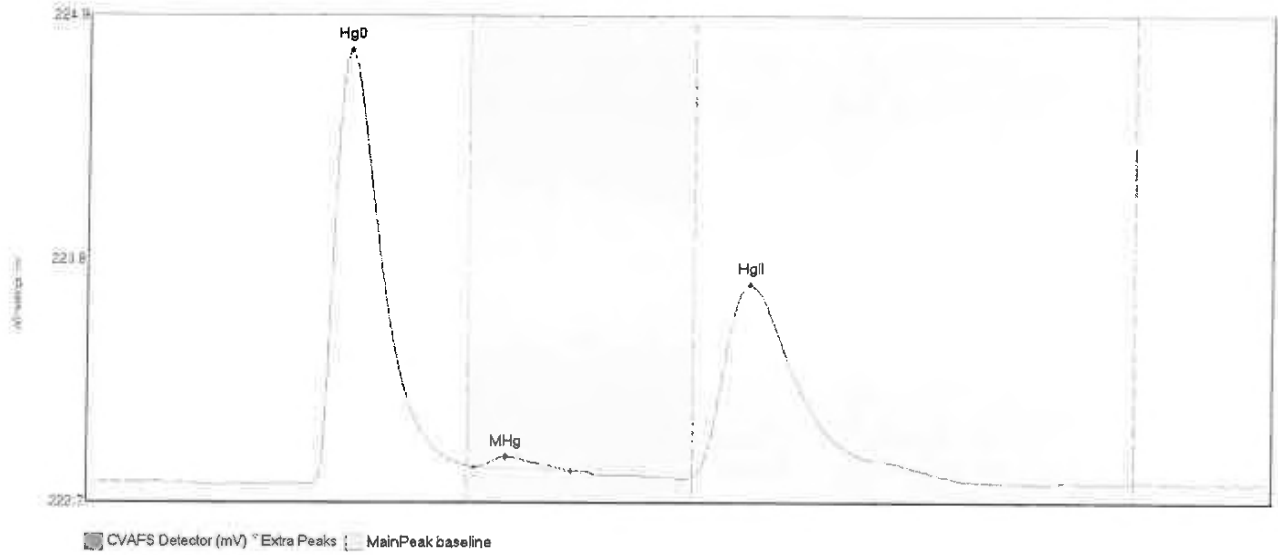
#78: F009424-MSD2



CVAFS Detector (mV) ° Extra Peaks MainPeak baseline

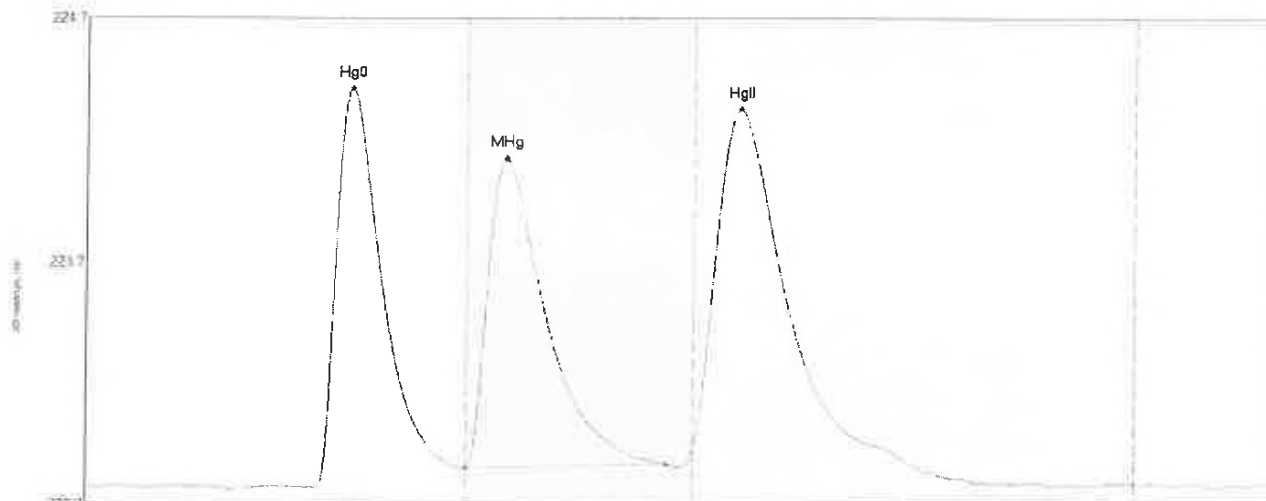
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009424-MSD2 Hg	337.561	43.5	80.0	222.84	222.95	55.8	3.080	CT	222.8364	0.00	0.00	F009424
F009424-MSD2 MH	21.435	81.0	103.2	222.94	222.94	88.6	0.198	OK	222.8364	0.00	0.00	F009424
F009424-MSD2 Hg	0.753	131.0	140.0	222.86	222.87	137.9	0.016	OK	222.8364	0.00	0.00	F009424

#80: 0100073-36



Name	Area	Start	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-36 Hg0	211.418	48.2	80.0	222.79	222.87	55.4	1.931	CT	222.7971	0.00	0.00	F009424
0100073-36 MHg	5.903	81.4	101.8	222.86	222.85	88.0	0.049	OK	222.7971	0.00	0.00	F009424
0100073-36 HgII	150.728	127.5	178.2	222.83	222.83	139.2	0.856	OK	222.7971	0.00	0.00	F009424

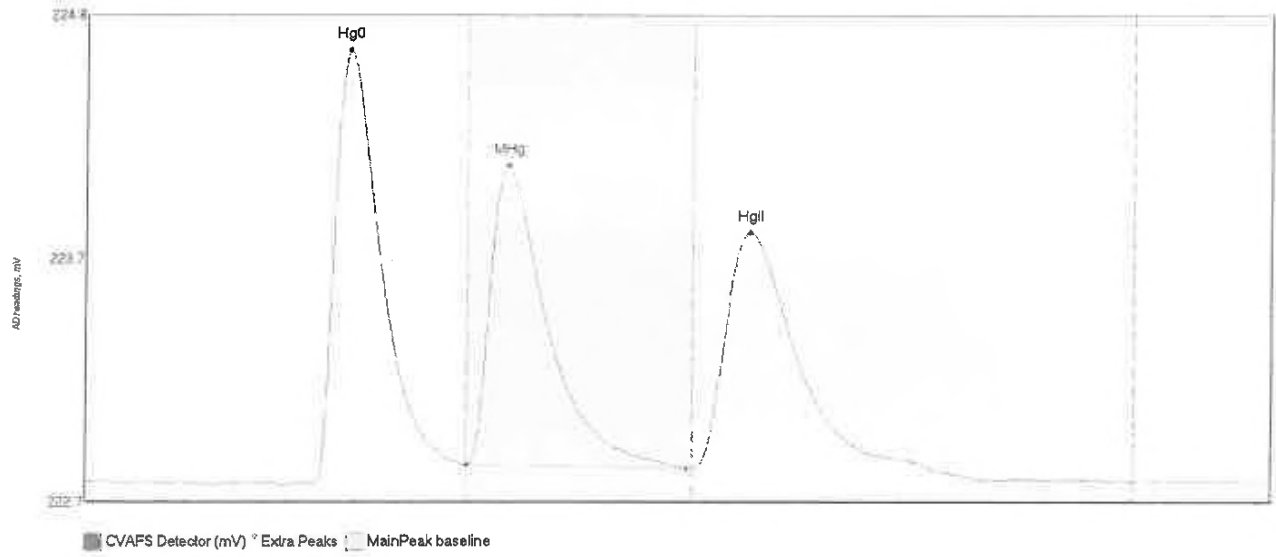
#81: F009425-MS1



CVAFS Detector (mV) * Extra Peaks MainPeak baseline

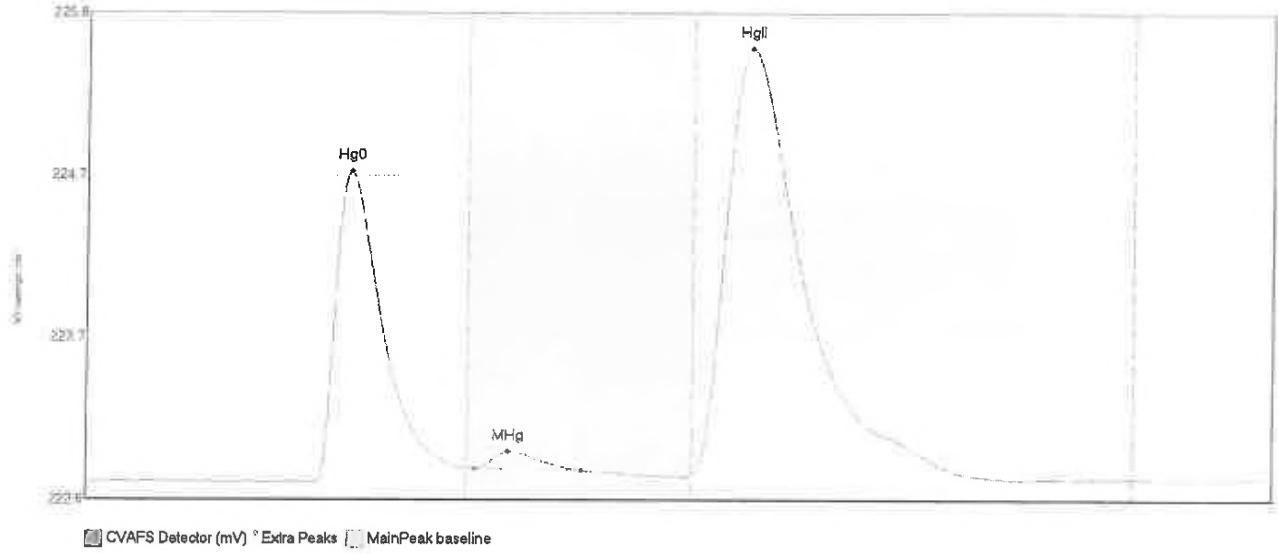
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	RI Shift	Comment
F009425-MS1 Hg0	178.850	48.0	79.3	222.77	222.84	55.5	1.640	OK	222.775	31.28	0.01	F009424
F009425-MS1 MHg	175.856	80.0	121.6	222.84	222.86	88.1	1.273	OK	222.850	41.61	0.01	F009424
F009425-MS1 HgI	211.430	127.5	166.9	222.94	222.93	137.1	1.377	OK	222.935	39.39	0.01	F009424

#82: F008425-MSD1



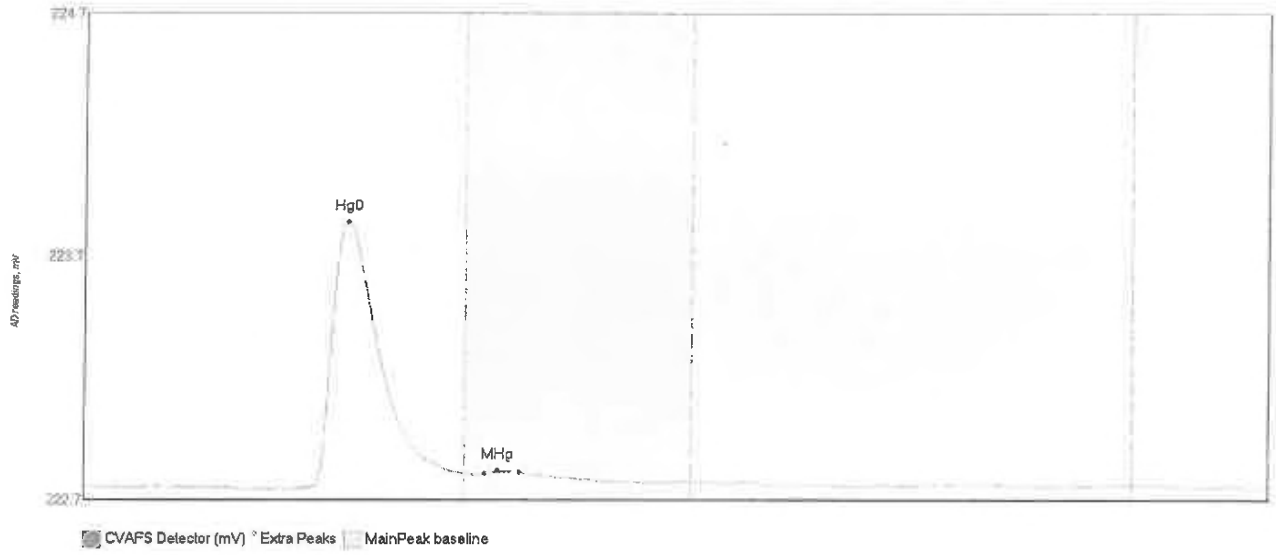
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	W1(m)	H1Shift	Comment
F008425-MSD1 Hg	205.886	48.0	79.9	222.74	222.83	55.3	1.901	OK	222.7539	2.25	0.00	F008425
F008425-MSD1 MH	164.442	80.1	126.3	222.83	222.81	88.7	1.313	OK	222.7538	4.25	0.00	F008425
F008425-MSD1 Hg	179.083	127.5	179.1	222.81	222.80	139.3	1.036	OK	222.7539	6.25	0.00	F008425

#88: 01000473-25



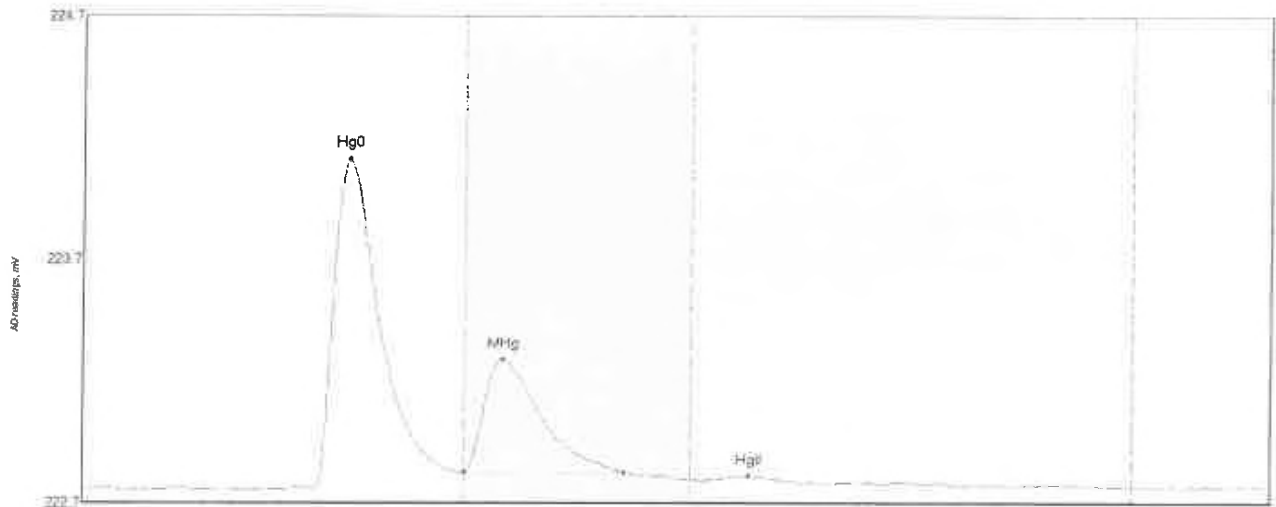
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	WTime	BiShift	Comment
01000473-25 Hg0	220.159	48.1	80.0	222.72	222.82	55.5	2.025	CT	222.7222	0.00	0.03	F009425
01000473-25 MHg	12.325	81.7	103.8	222.81	222.80	88.5	0.112	OK	222.7222	0.00	0.03	F009425
01000473-25 HgI	511.557	127.5	186.8	222.78	222.77	139.5	2.777	OK	222.7222	0.00	0.03	F009425

#85: SEQ-CCB7



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Deviation	BiDev	BiShift	Comment
SEQ-CCB7 Hg0	119.139	48.5	79.7	222.71	222.77	55.4	1.091	OK	222.7428	0.00	-0.01	
SEQ-CCB7 MHg	0.388	84.3	91.5	222.77	222.77	87.0	0.012	OK	222.7718	0.00	-0.01	

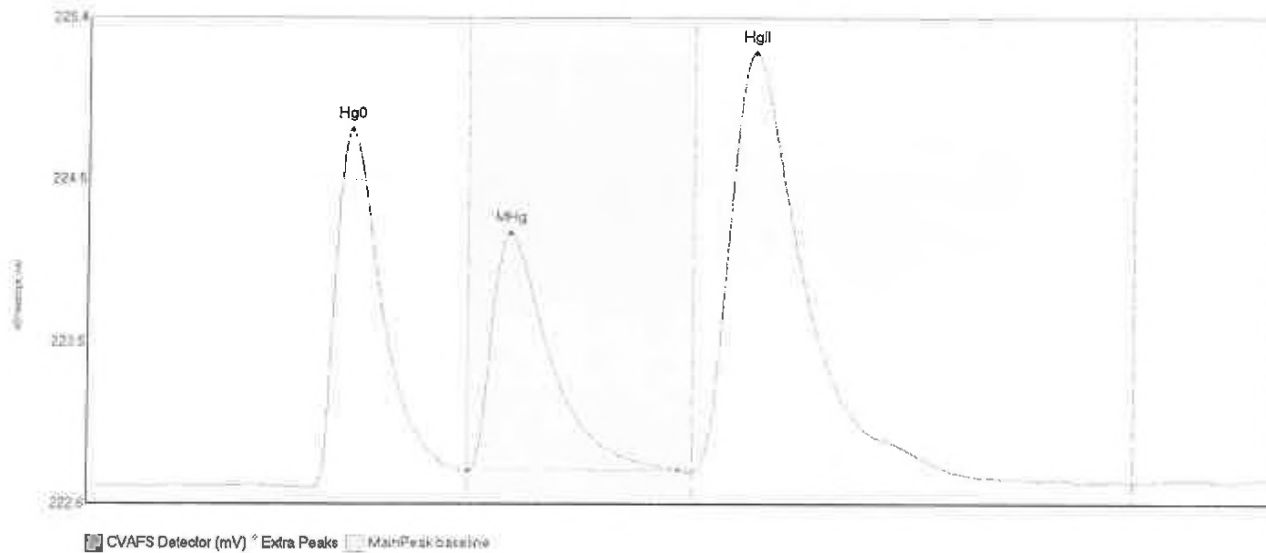
#84: SEQ-CCV7



■ CVAFS Detector (mV) * Extra Peaks * MainPeak baseline

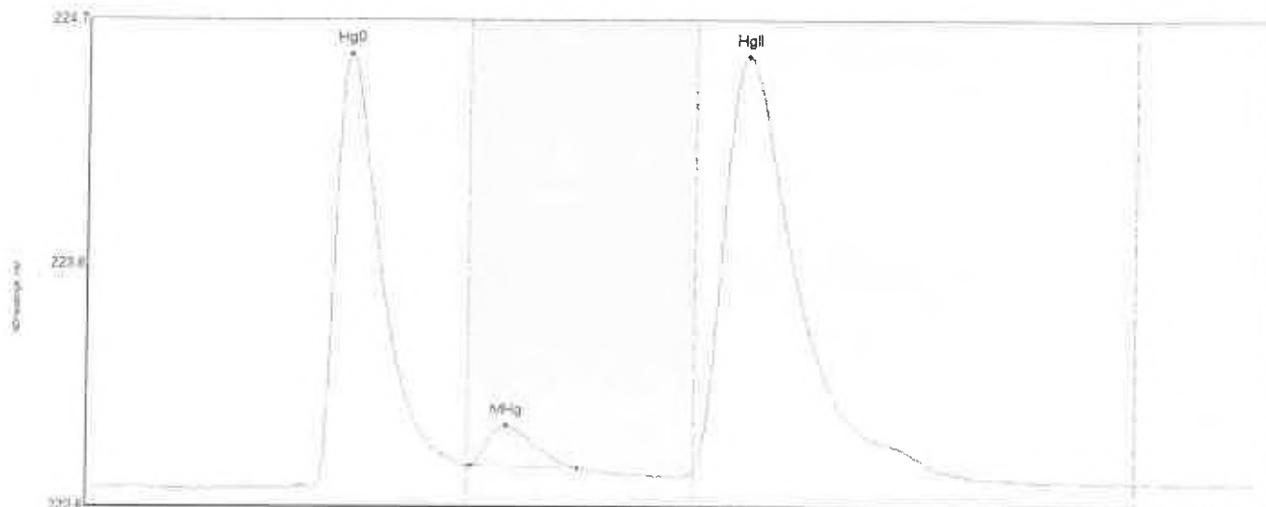
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
SEQ-CCV7 Hg0	145.947	47.1	79.3	222.72	222.78	55.5	1.345	OK	222.7136	0.00	0.01	
SEQ-CCV7 MRg	63.899	80.0	113.5	222.78	222.78	88.1	0.465	OK	222.7136	0.00	0.01	
SEQ-CCV7 HgII	1.805	131.0	146.7	222.75	222.75	139.6	0.017	OK	222.7136	0.00	0.01	

#87: F009425-MSD2



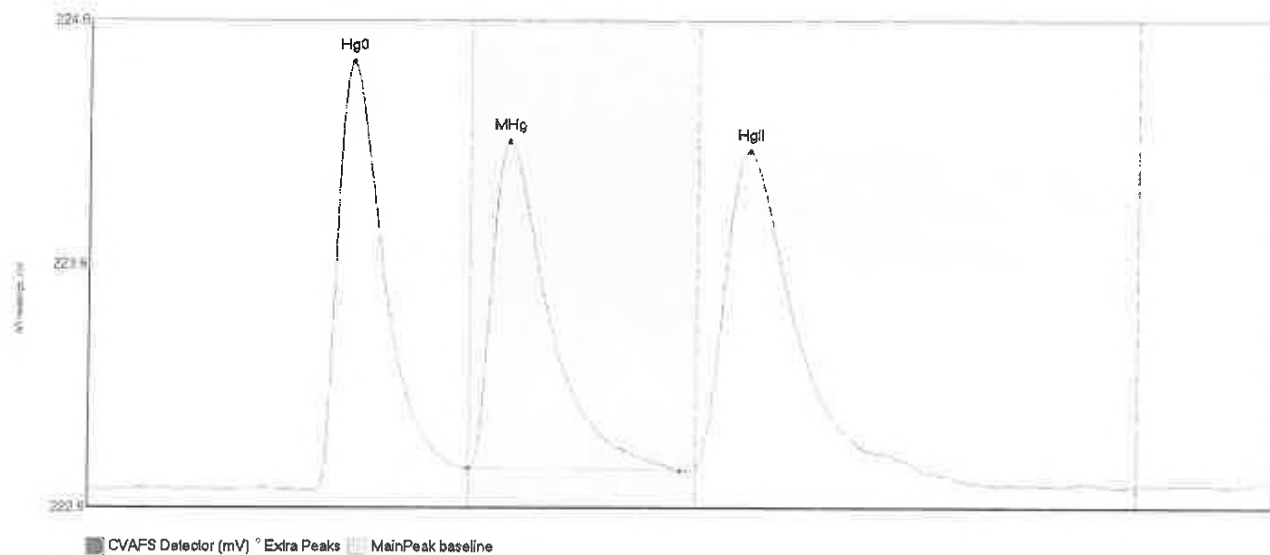
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BIShift	Comment
F009425-MSD2 Hg	226.882	47.7	80.0	222.69	222.78	55.4	2.078	CT	222.6922	0.00	0.03	F009425
F009425-MSD2 MH	197.239	80.1	124.5	222.78	222.78	88.9	1.384	OK	222.6922	0.00	0.03	F009425
F009425-MSD2 Hg	431.572	127.5	182.1	222.78	222.77	140.1	2.447	OK	222.6922	0.00	0.03	F009425

#88: 0100073-67



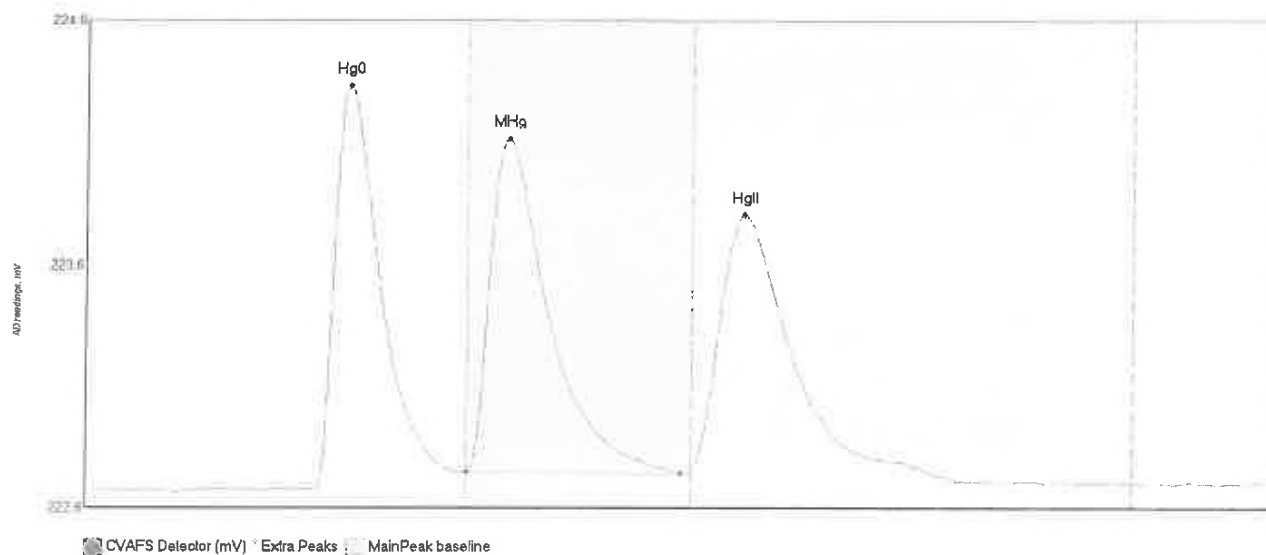
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-67 Hg0	200.000	47.5	79.7	222.70	222.79	55.3	1.835	OK	222.6975	0.00	0.03	F009425
0100073-67 MHg	19.028	80.7	102.8	222.79	222.78	88.1	0.172	OK	222.6975	0.00	0.03	F009425
0100073-67 HgII	304.001	127.5	179.5	222.77	222.77	138.5	1.757	OK	222.6975	0.00	0.03	F009425

#89: F009426-MS1



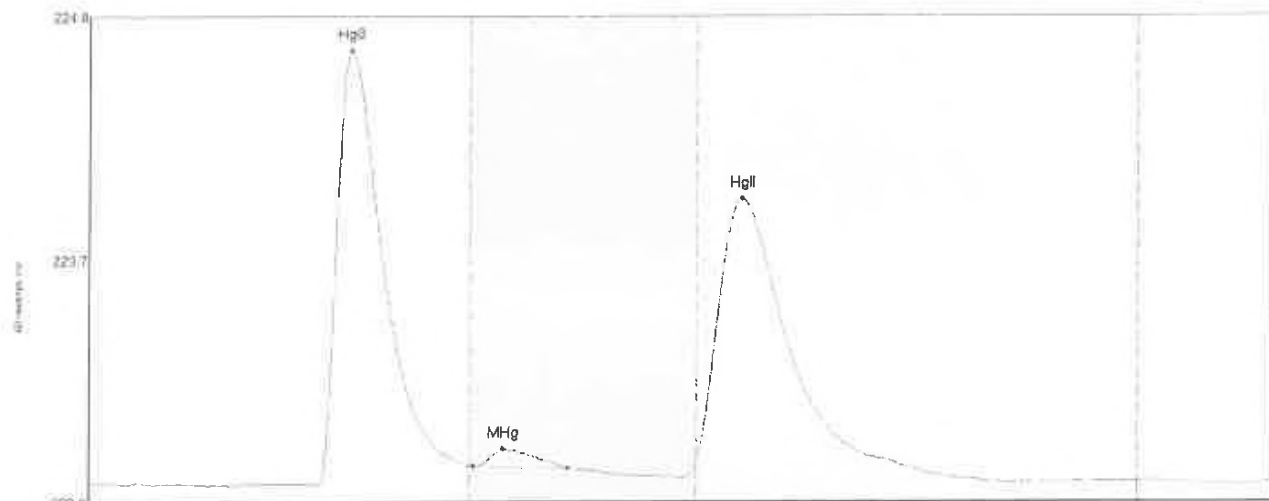
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009426-MS1 Hg0	192.028	47.8	79.8	222.70	222.79	55.2	1.756	OK	222.7054	0.00	0.02	F009425
F009426-MS1 MHg	187.847	80.0	124.2	222.79	222.78	88.2	1.345	OK	222.7054	0.00	0.02	F009425
F009426-MS1 HgI1	216.362	127.5	177.0	222.80	222.77	138.3	1.298	OK	222.7054	0.00	0.02	F009425

#90: F009426-MSD1



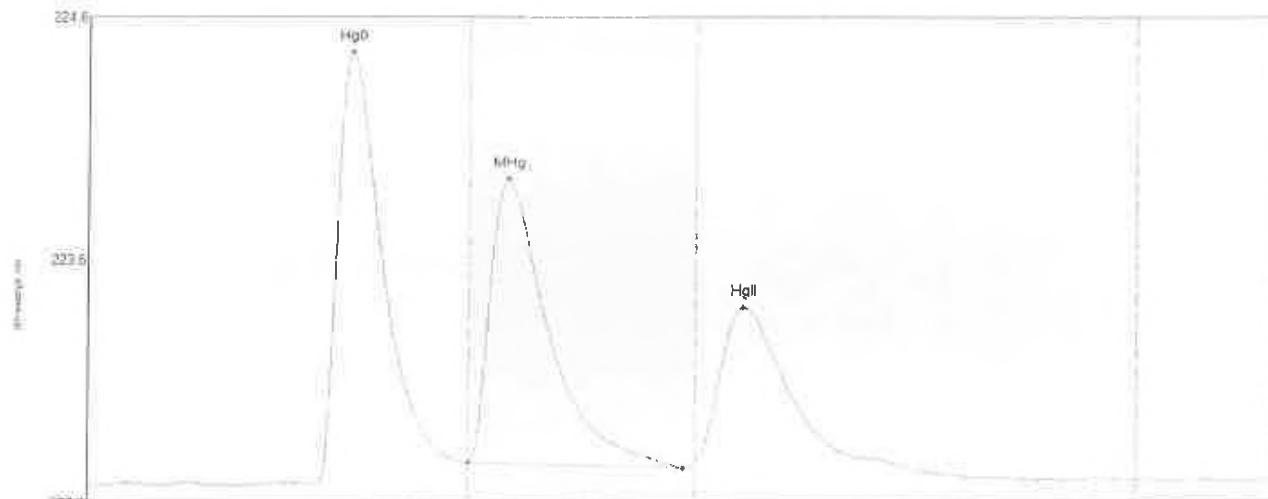
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	RShift	Comment
F009426-MSD1 Hg	178.562	48.0	79.9	222.71	222.77	55.3	1.655	OK	222.7097	0.00	0.02	F009426
F009426-MSD1 MH	194.753	80.0	125.3	222.77	222.77	88.5	1.374	OK	222.7097	0.00	0.02	F009426
F009426-MSD1 Hg	177.958	127.5	179.2	222.79	222.75	138.2	1.045	OK	222.7097	0.00	0.02	F009426

#91: 0100073-56



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	Comment
0100073-56 Hg0	212.770	48.2	80.0	222.69	222.78	55.3	1.944	CT	222.6971	0.00	F009426
0100073-56 MHg	8.269	80.7	100.5	222.77	222.77	87.0	0.078	OK	222.6971	0.00	F009426
0100073-56 HgII	180.485	127.5	166.2	222.81	222.81	136.9	1.166	OK	222.6971	0.00	F009426

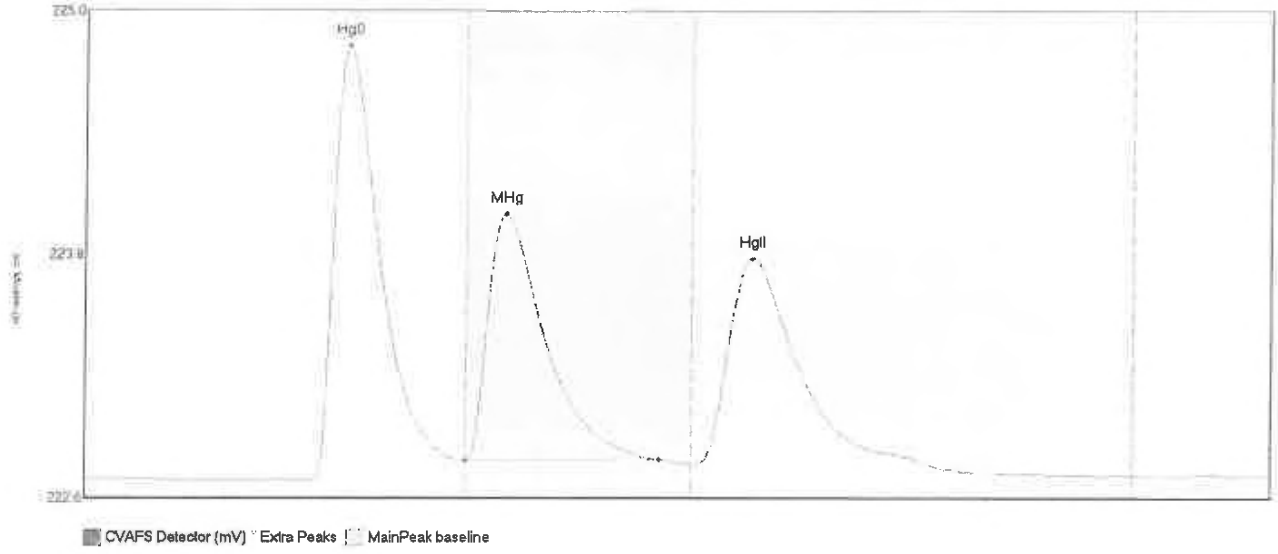
#82: F009426-MS2



CVAFS Detector (mV) Extra Peaks MainPeak baseline

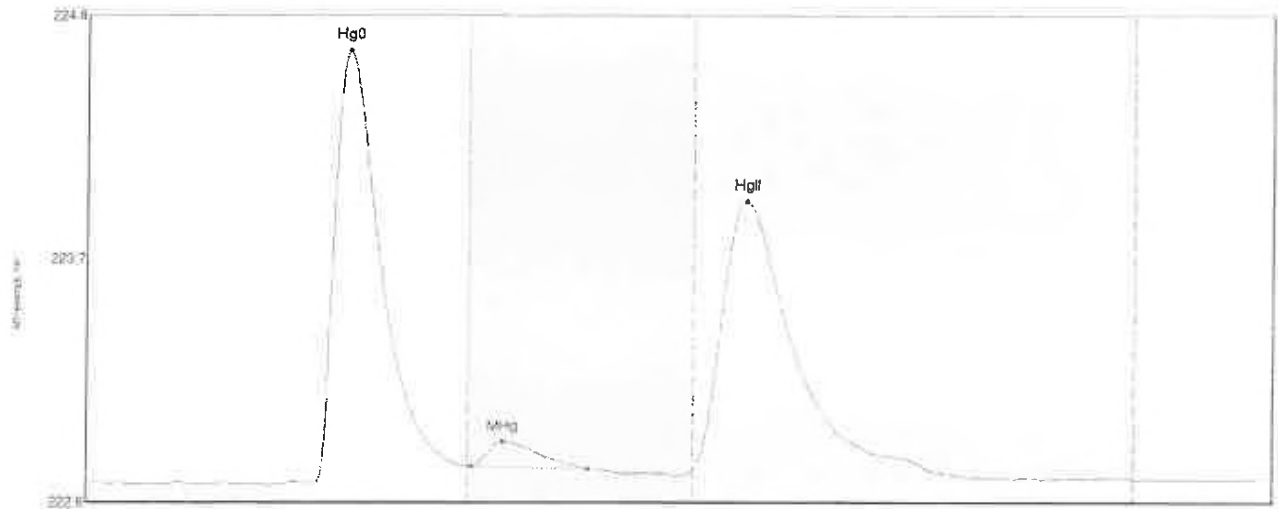
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009426-MS2 Hg0	191.266	35.1	79.4	222.69	222.77	55.4	1.802	OK	222.6839	0.00	0.03	F009426
F009426-MS2 MHg	166.015	80.0	124.7	222.78	222.76	88.2	1.182	OK	222.6839	0.00	0.03	F009426
F009426-MS2 HgI	96.729	127.5	165.0	222.78	222.79	137.4	0.650	OK	222.6839	0.00	0.03	F009426

#93: F009426-MSD2



Name	Area	Start Time	EndTime	StartValue	EndValue	Time Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009426-MSD2 Hg	230.191	47.9	79.3	222.70	222.79	222.7	2.133	OK	222.6999	0.00	0.02	F009426
F009426-MSD2 MH	167.942	80.0	120.7	222.79	222.80	222.7	1.218	OK	222.6999	0.00	0.02	F009426
F009426-MSD2 Hg	173.319	128.5	180.5	222.77	222.75	222.7	1.012	OK	222.6999	0.00	0.02	F009426

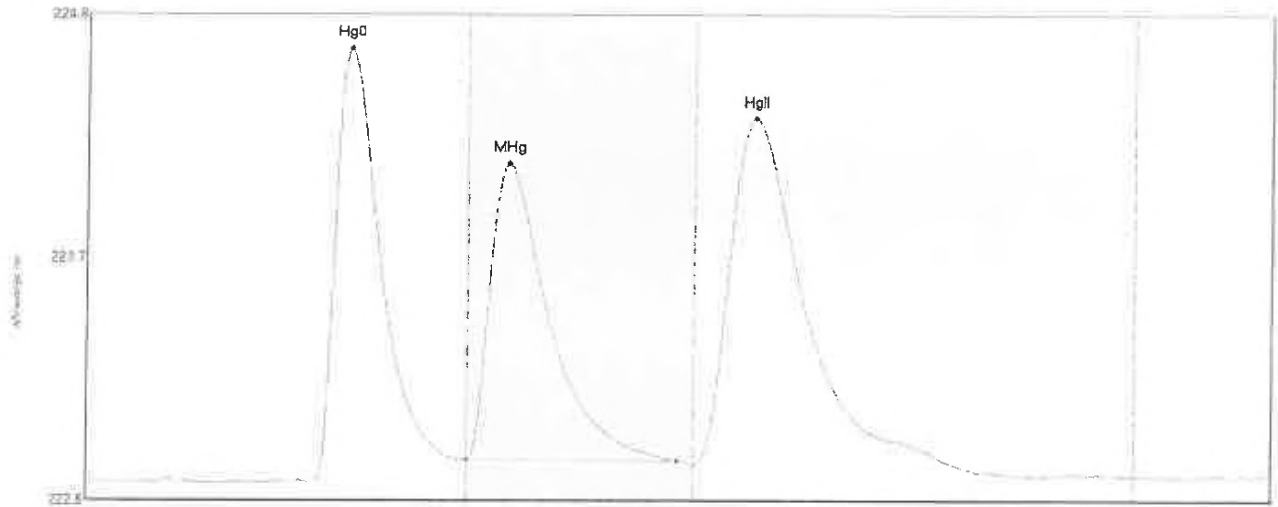
#94: 0100073-86



CVAFS Detector (mV) ° Extra Peaks □ MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-86 Hg0	210.540	47.7	80.0	222.70	222.77	55.2	1.936	CT	222.7002	0.00	0.02	F009426
0100073-86 MHg	14.108	80.8	105.3	222.77	222.76	87.2	0.114	OK	222.7002	0.00	0.02	F009426
0100073-86 HgII	204.091	127.5	178.6	222.75	222.74	138.4	1.203	OK	222.7002	0.00	0.02	F009426

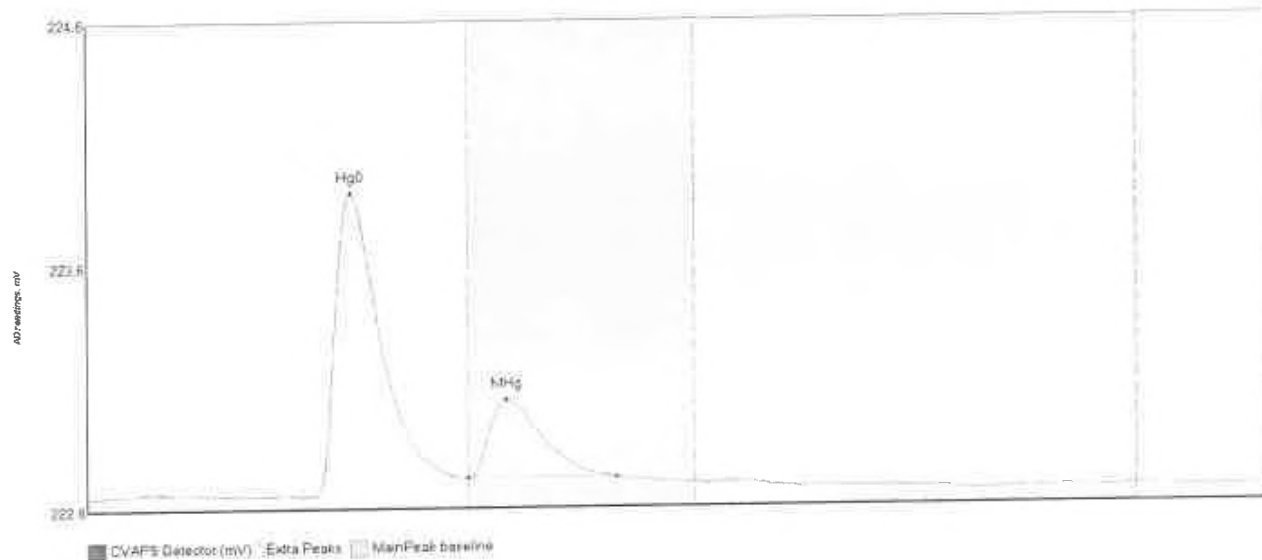
#95: F009427-MS1



CVAFS Detector (mV) * Extra Peaks | MainPeak baseline

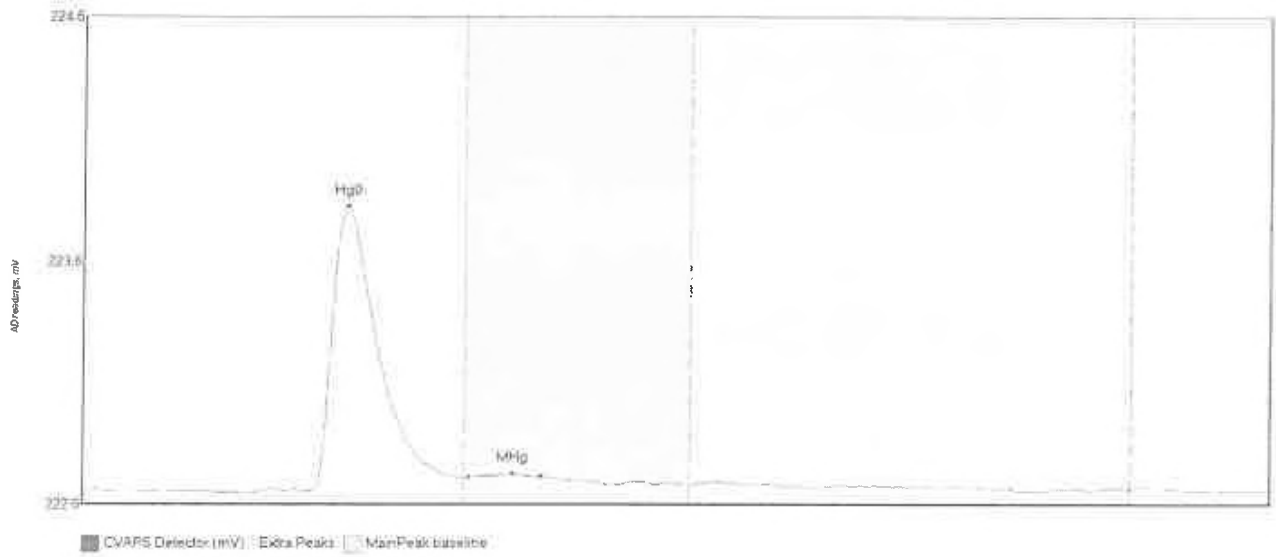
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment	
F009427-MS1	Hg0	205.705	47.7	79.8	222.70	222.79	55.3	1.913	OK	222.6987	0.00	0.02	F009426
F009427-MS1	MHg	186.827	80.0	124.0	222.79	222.78	88.4	1.314	OK	222.6987	0.00	0.02	F009426
F009427-MS1	HgI	285.671	127.5	138.0	222.77	222.74	140.1	1.535	OK	222.6987	0.00	0.02	F009426

#98: SEQ-CCV8



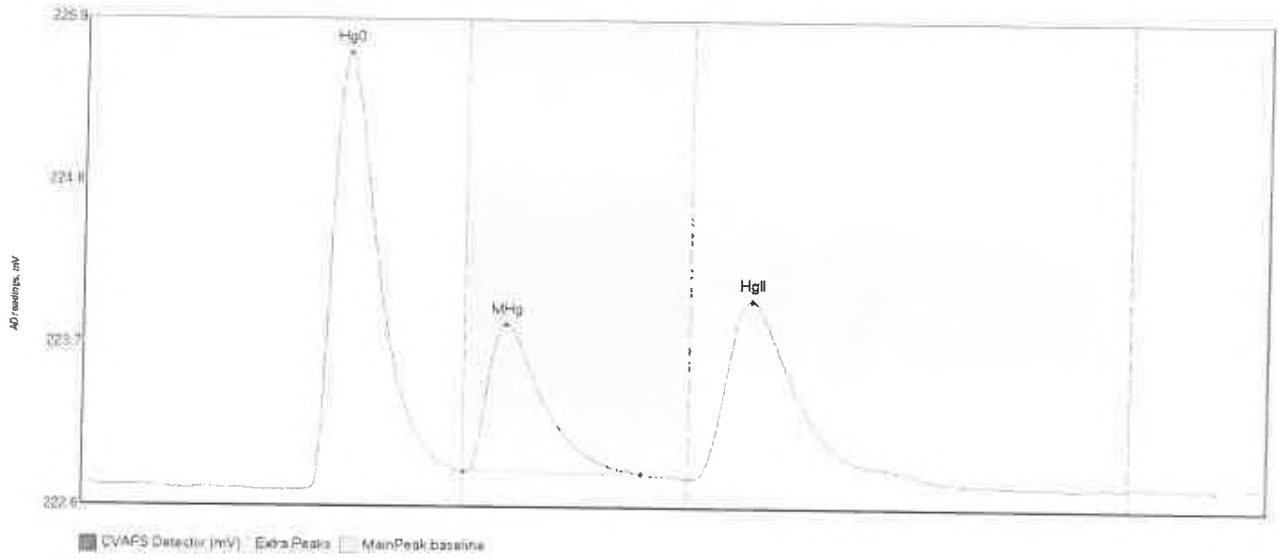
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	Height	Comment
SEQ-CCV8 Hg0	133.748	47.7	79.8	222.70	222.77	55.4	1.239	OK	222.6979	0.00	5.0	
SEQ-CCV8 MHg	41.252	80.0	111.1	222.77	222.77	88.0	0.319	OK	222.6979	0.00	5.0	

#97: SEQ-CC88



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CC88 Hg0	125.599	47.4	80.0	222.70	222.76	55.4	1.169	CT	222.7029	0.00	0.00	
SEQ-CC88 MHg	1.221	81.2	96.1	222.76	222.76	90.1	0.016	OK	222.7029	0.00	0.00	

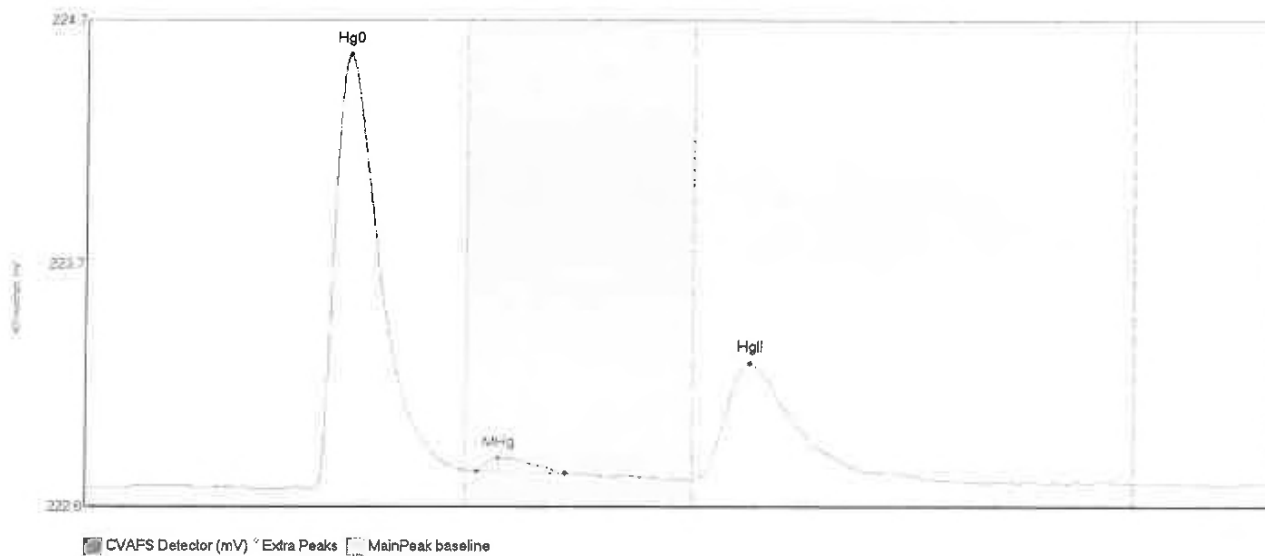
#98: F009427-MSD1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
F009427-MSD1 Hg	324.415	46.4	80.0	222.69	222.80	55.5	2.961	CT	222.7095	0.00	0.01
F009427-MSD1 MHg	133.856	80.4	117.6	222.80	222.80	88.8	1.002	OK	222.7095	0.00	0.01
F009427-MSD1 Hg	205.052	127.7	177.9	222.76	222.76	140.2	1.218	OK	222.7095	0.00	0.01

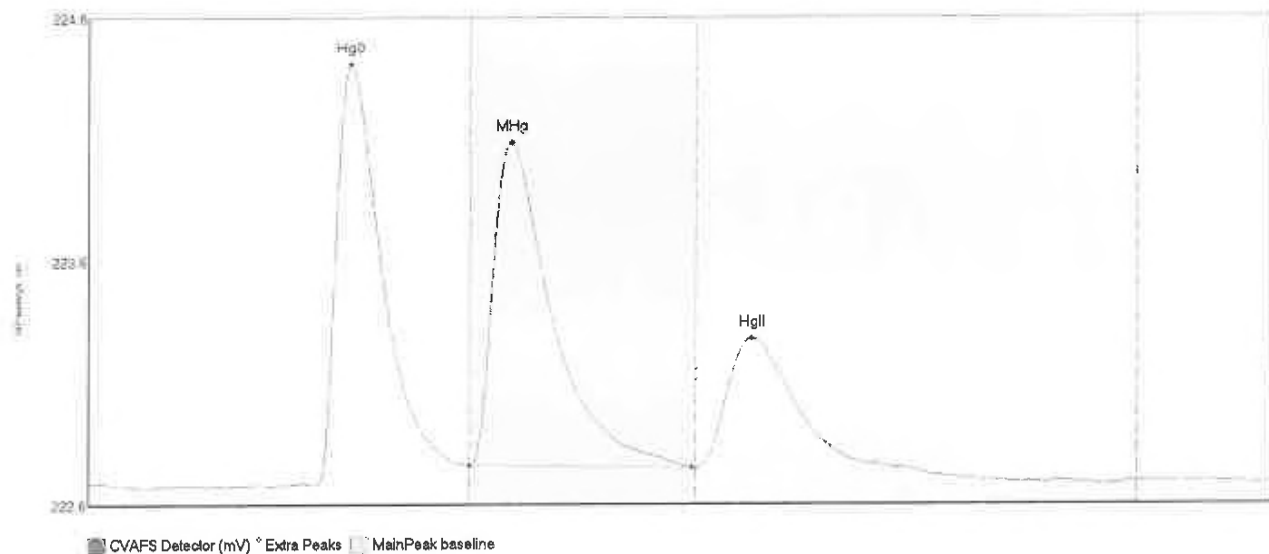
Comment
F009427
F009427
F009427

#89: 0100073-87



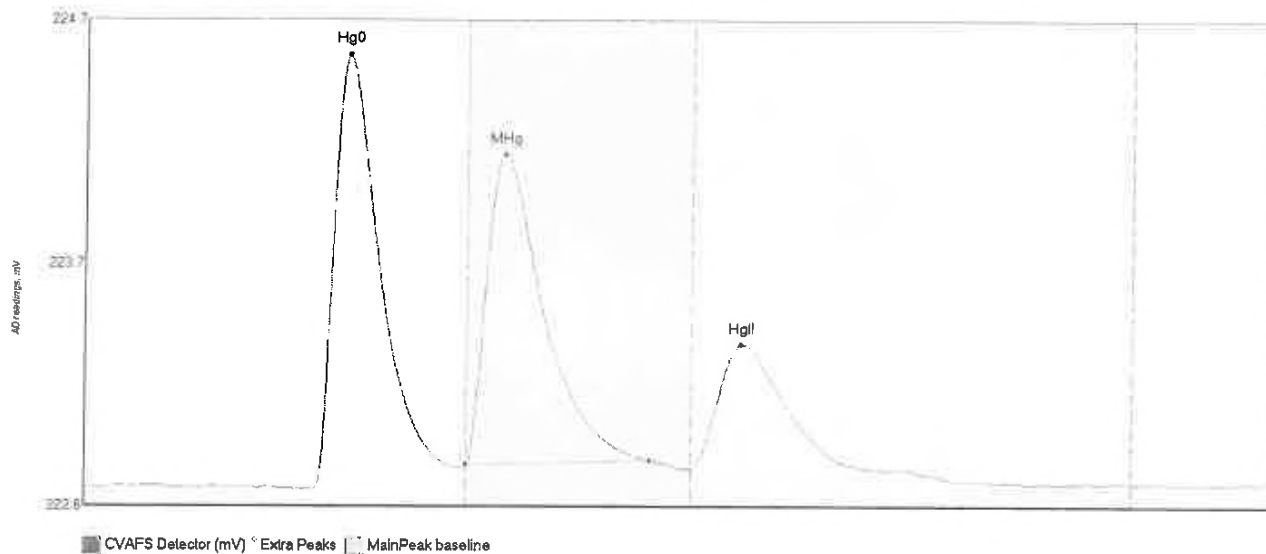
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-87 Hg0	201.717	47.7	80.0	222.70	222.78	55.2	1.858	CT	222.7099	0.00	0.02	F009427
0100073-87 MHg	6.327	82.2	100.7	222.78	222.77	87.0	0.056	OK	222.7099	0.00	0.02	F009427
0100073-87 HgI1	83.759	127.5	177.1	222.74	222.75	139.4	0.503	OK	222.7099	0.00	0.02	F009427

#100: F009427-MS2



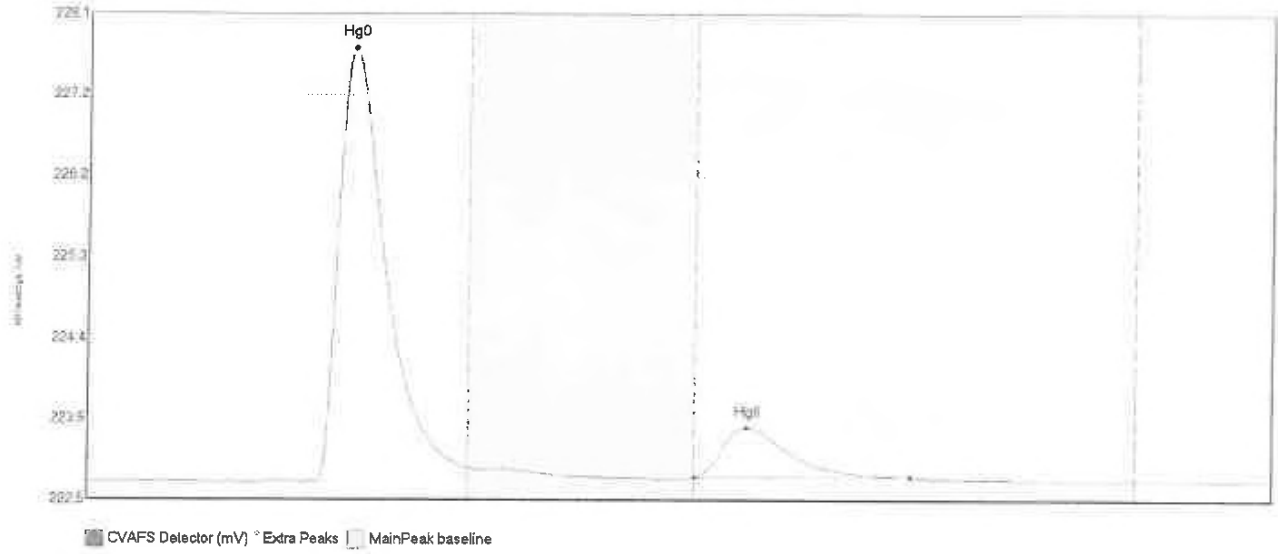
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-MS2 Hg0	186.787	48.0	80.0	222.72	222.80	55.1	1.726	CT	222.7260	0.00	0.01	F009427
F009427-MS2 MHg	191.740	80.0	126.5	222.80	222.79	88.7	1.327	OK	222.7260	0.00	0.01	F009427
F009427-MS2 HgI	84.262	127.5	168.4	222.79	222.79	138.9	0.536	OK	222.7260	0.00	0.01	F009427

#101: F009427-MSD2



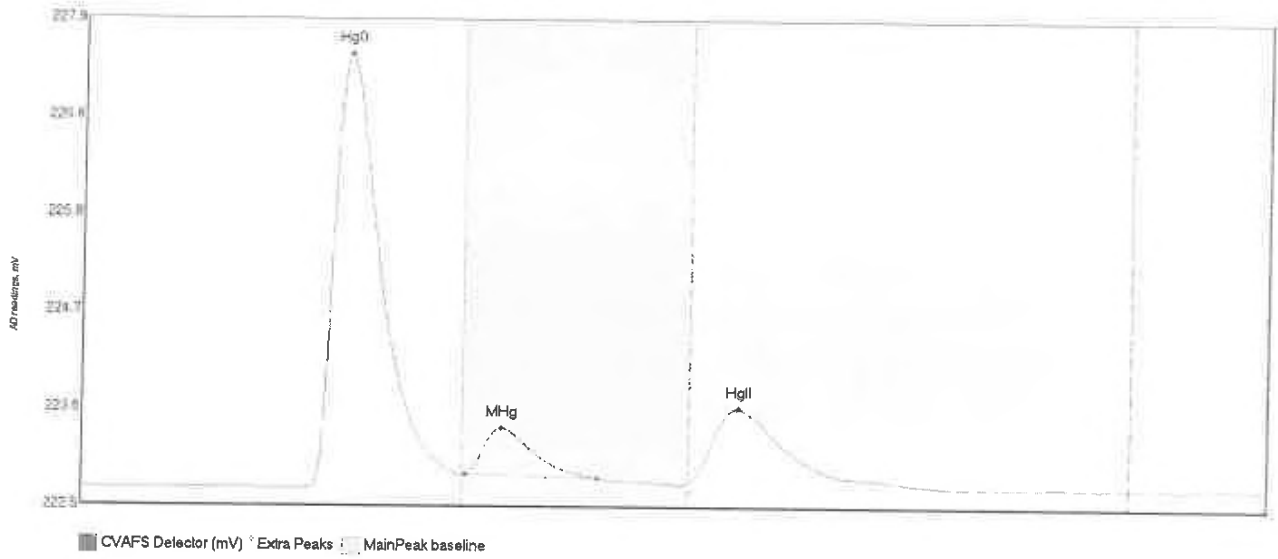
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	lDev	Comment
F009427-MSD2 Hg	192.916	47.7	78.7	222.72	222.80	55.2	1.802	OK	222.7251	0.00	F009427
F009427-MSD2 MH	177.301	80.0	118.6	222.82	222.84	87.8	1.287	OK	222.7251	0.00	F009427
F009427-MSD2 Hg	80.020	127.5	163.7	222.80	222.80	137.6	0.519	OK	222.7251	0.00	F009427

#102: 000078-AX



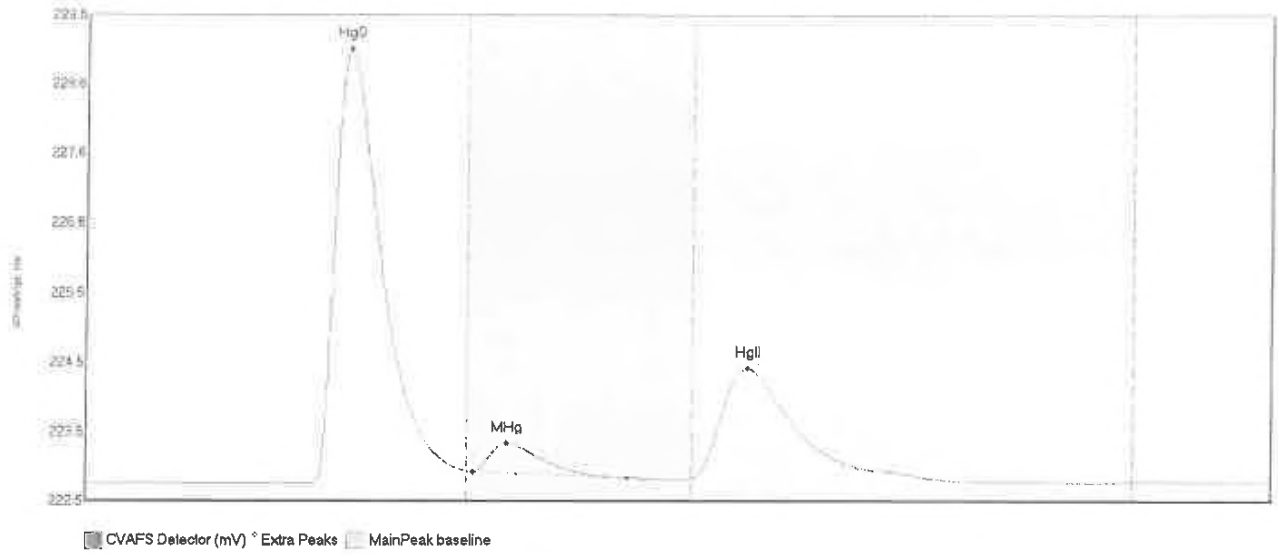
Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
1122111AXX	Hg0	554.180	47.4	80.0	222.73	222.89	55.9	4.984	CT	222.7312	0.00	0.01	F009427
1122111AXX	HgII	93.645	127.5	172.9	222.78	222.79	138.5	0.576	OK	222.7312	0.00	0.01	F009427

#103: F009428-MS1



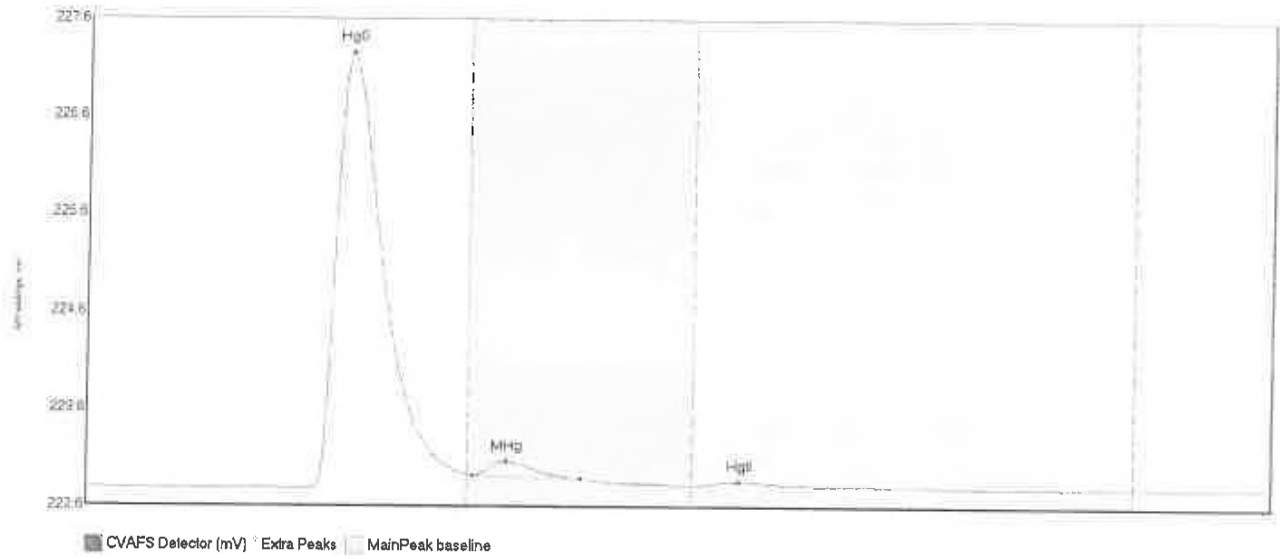
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Peak	Flags	Baseline	R1Dev	Comment
F009428-MS1 Hg0	529.688	47.8	80.0	222.75	222.89	55.8	47.8	CT	222.7418	0.00	F009427
F009428-MS1 MHg	63.515	80.6	108.4	222.89	222.85	88.3	80.6	OK	222.7418	0.00	F009427
F009428-MS1 HgI	139.738	127.5	177.1	222.82	222.79	137.6	127.5	OK	222.7418	0.00	F009427

#104: F009428-MSD1



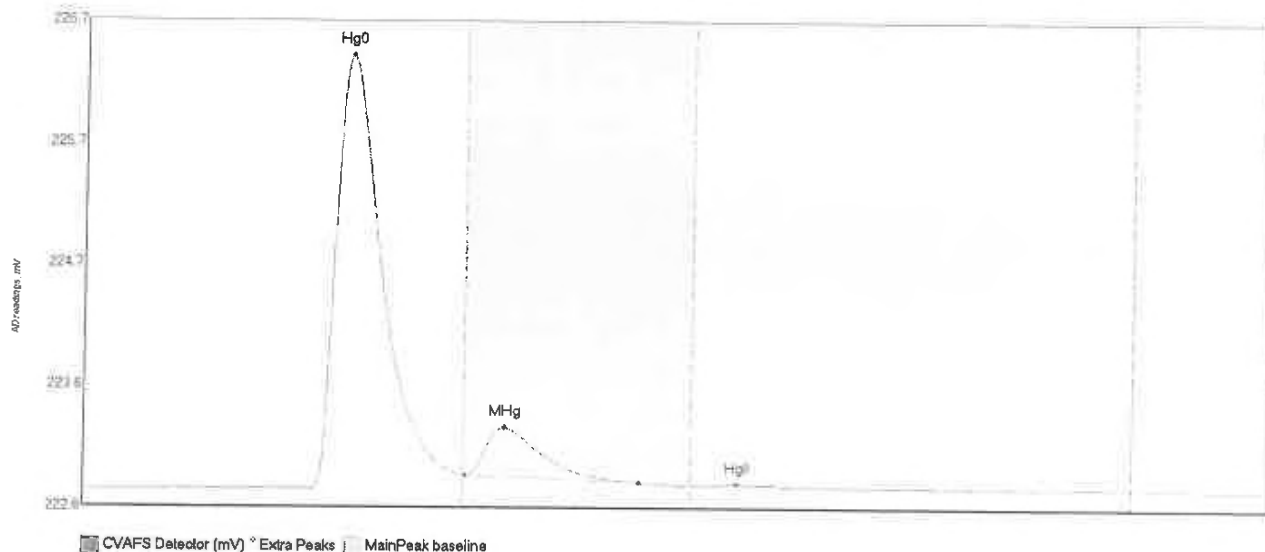
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009428-MSD1 Hg	698.450	47.6	80.0	222.75	222.93	55.4	6.347	CT	222.7500	0.00	0.02	F009428
F009428-MSD1 MH	54.542	81.3	113.9	222.92	222.82	88.4	0.419	OK	222.7500	0.00	0.02	F009428
F009423-MSD1 Hg	290.701	127.5	183.8	222.82	222.78	138.9	1.628	OK	222.7500	0.00	0.02	F009428

#105: 0100084-01



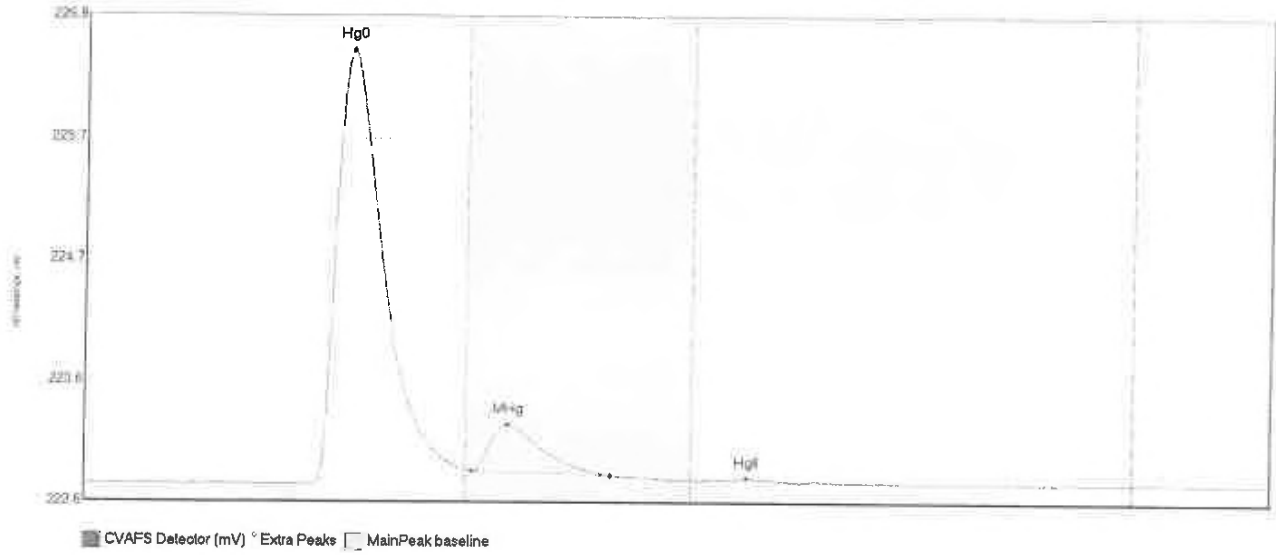
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100084-01 Hg0	495.311	47.8	80.0	222.76	222.90	55.6	4.499	CT	222.7598	0.00	0.01	F009428
0100084-01 MHg	16.714	81.2	103.9	222.89	222.85	88.2	0.145	OK	222.7598	0.00	0.01	F009428
0100084-01 HgII	3.690	128.1	146.4	222.79	222.80	137.3	0.036	OK	222.7598	0.00	0.01	F009428

#106: F009428-MS2



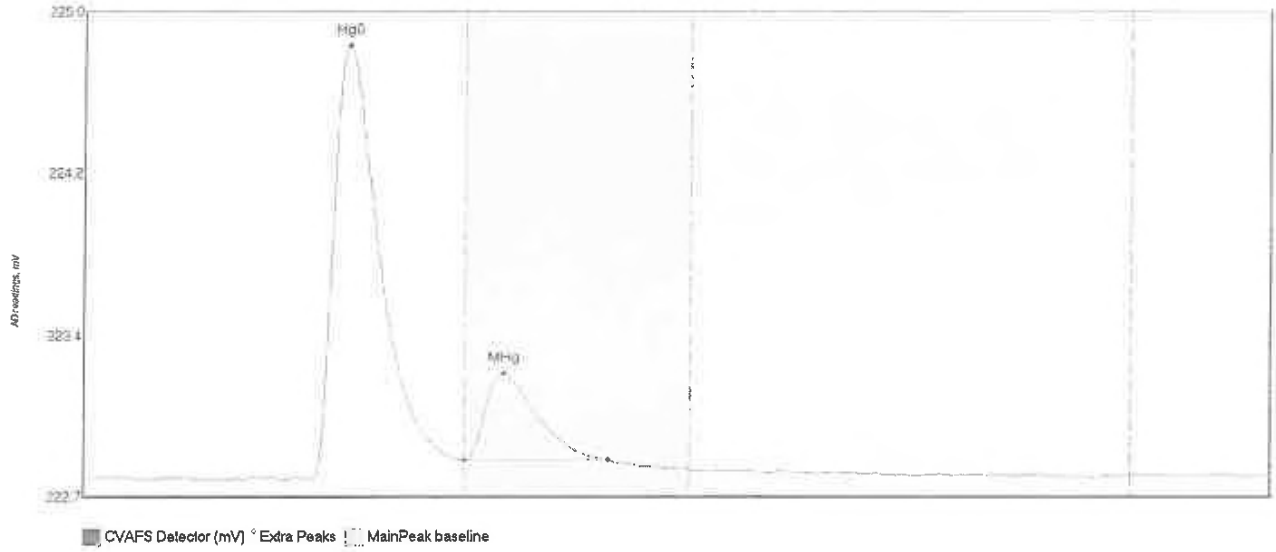
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MS2 Hg0	406.001	47.6	60.0	222.76	222.85	55.7	3.686	CT	222.7606	0.00	0.01	F009428
F009428-MS2 MHg	56.520	80.5	116.5	222.88	222.82	88.5	0.417	OK	222.7606	0.00	0.01	F009428
F009428-MS2 HgI	0.608	133.1	141.3	222.80	222.80	137.1	0.016	OK	222.7606	0.00	0.01	F009428

#107: F009428-MSD2



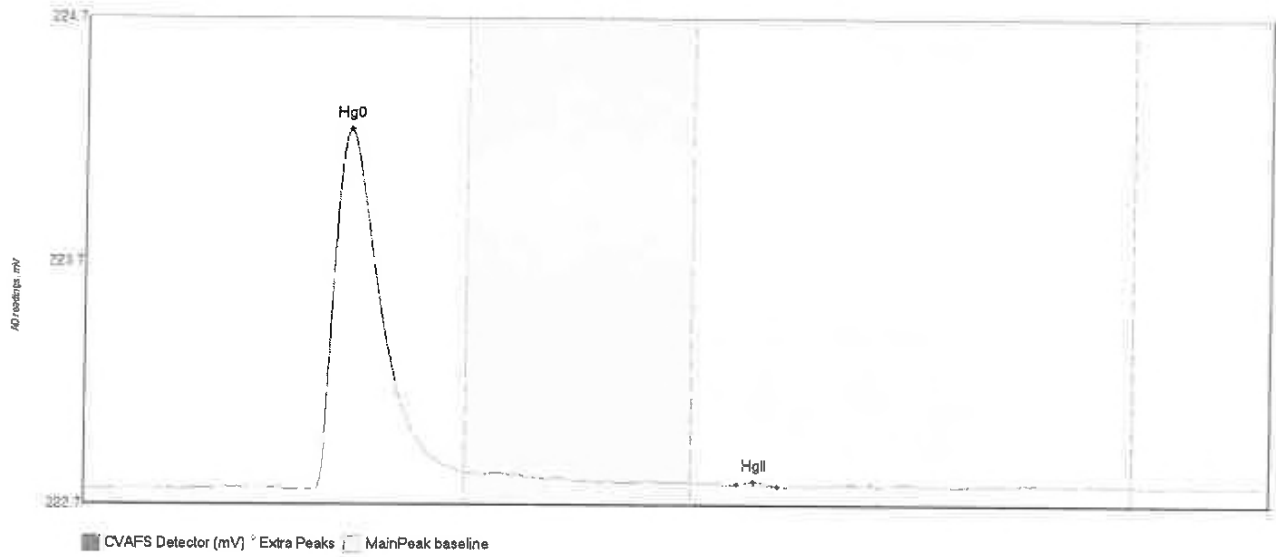
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MSD2 Hg	409.222	47.9	80.0	222.76	222.89	55.7	3.714	CT	222.7683	0.00	0.00	F009428
F009428-MSD2 MH	51.241	81.3	110.6	222.88	222.84	88.9	0.401	OK	222.7683	0.00	0.00	F009428
F009428-MSD2 Hg	1.475	129.1	144.0	222.80	222.30	138.9	0.021	OK	222.7683	0.00	0.00	F009428

#108: SEQ-CCV9



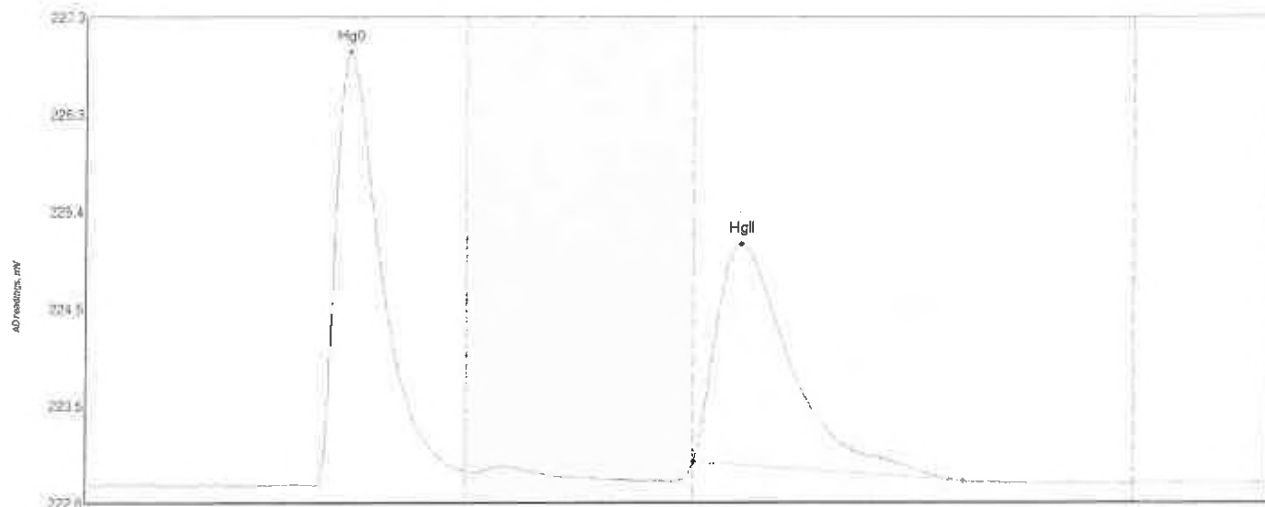
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCV9 Hg0	226.964	48.4	80.0	222.76	222.84	55.7	2.076	CT	222.7658	0.00	0.01	
SEQ-CCV9 MHg	51.603	80.0	110.0	222.84	222.85	88.3	0.421	OK	222.7658	0.00	0.01	

#108: SEQ-CCB9



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCB9 Hg0	159.636	48.3	80.0	222.77	222.04	55.7	1.474	CT	222.7674	0.00	0.01	
SEQ-CCB9 HgII	0.644	137.1	145.7	222.79	222.78	140.7	0.010	OK	222.7674	0.00	0.01	

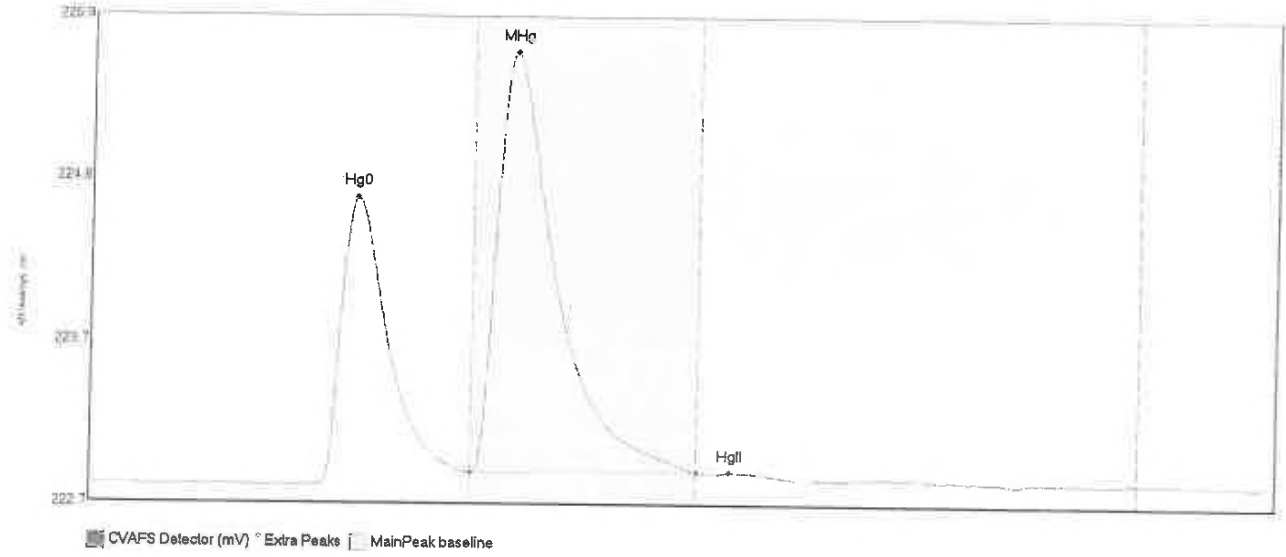
#110: 0100051-01



CVAFS Detector (mV) Extra Peaks MainPeak baseline

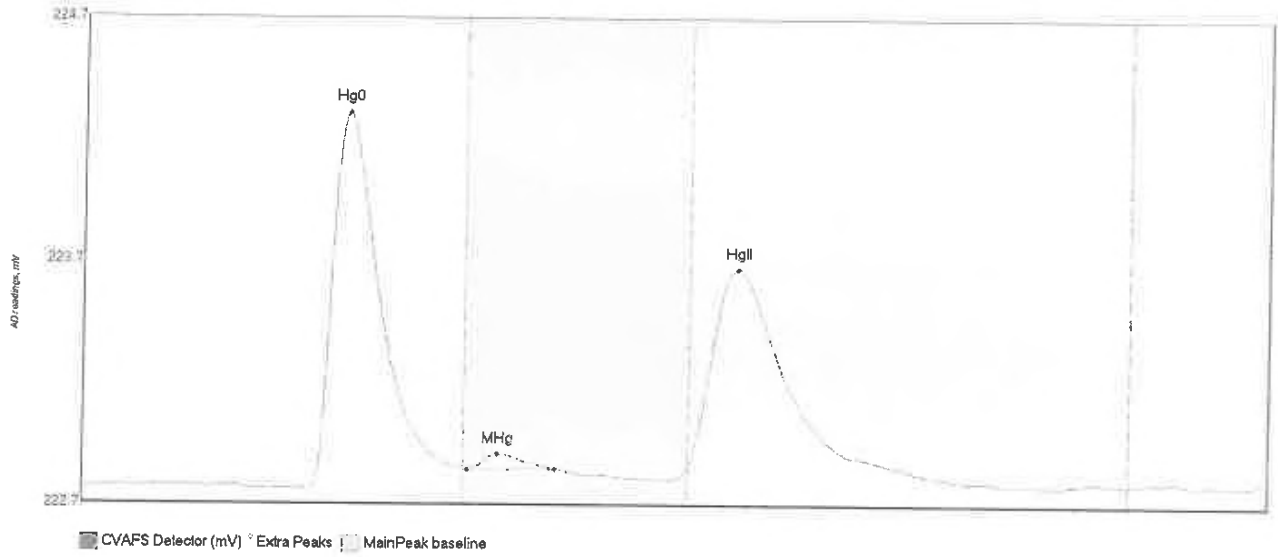
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100051-01 Hg0	449.113	35.7	80.0	222.77	222.90	55.5	4.164	CT	222.7604	0.00	0.04	F009428
0100051-01 HgII	385.098	127.5	184.2	222.99	222.80	137.5	2.100	OK	222.7604	0.00	0.04	F009428

#111: 0100072-02



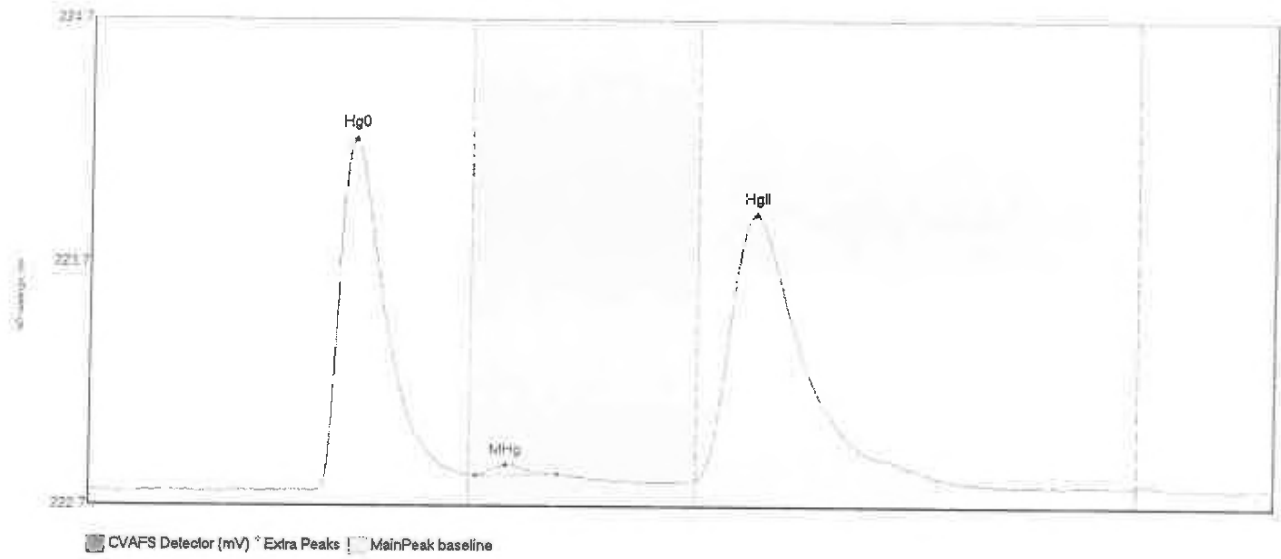
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100072-02 Hg0	212.680	48.1	79.8	222.78	222.87	55.6	1.936	OK	222.7866	0.00	0.01	F009428
0100072-02 MHg	408.425	80.0	127.5	222.87	222.88	86.8	2.840	CT	222.7866	0.00	0.01	F009428
0100072-02 HgII	0.054	131.6	134.7	222.86	222.88	134.2	0.014	OK	222.7866	0.00	0.01	F009428

#112: 000073-01



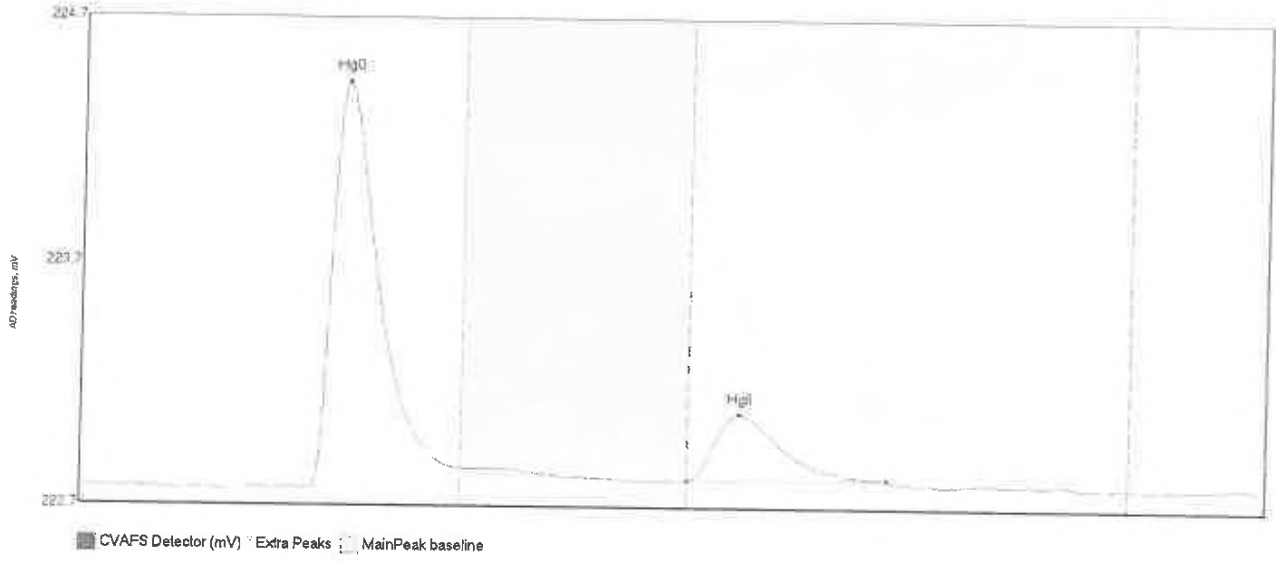
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	W10%	HiShift	Channel
000073-01	Hg0	168.977	47.7	80.0	222.78	222.86	55.6	1.542	CT	222.7796	0.02	100-424
000073-01	MHg	5.929	80.9	99.1	222.85	222.86	87.1	0.064	OK	222.7796	0.02	100-424
000073-01	HgII	123.113	127.5	164.3	222.87	222.90	137.5	0.806	OK	222.7796	0.02	100-424

#113: 0100073-02



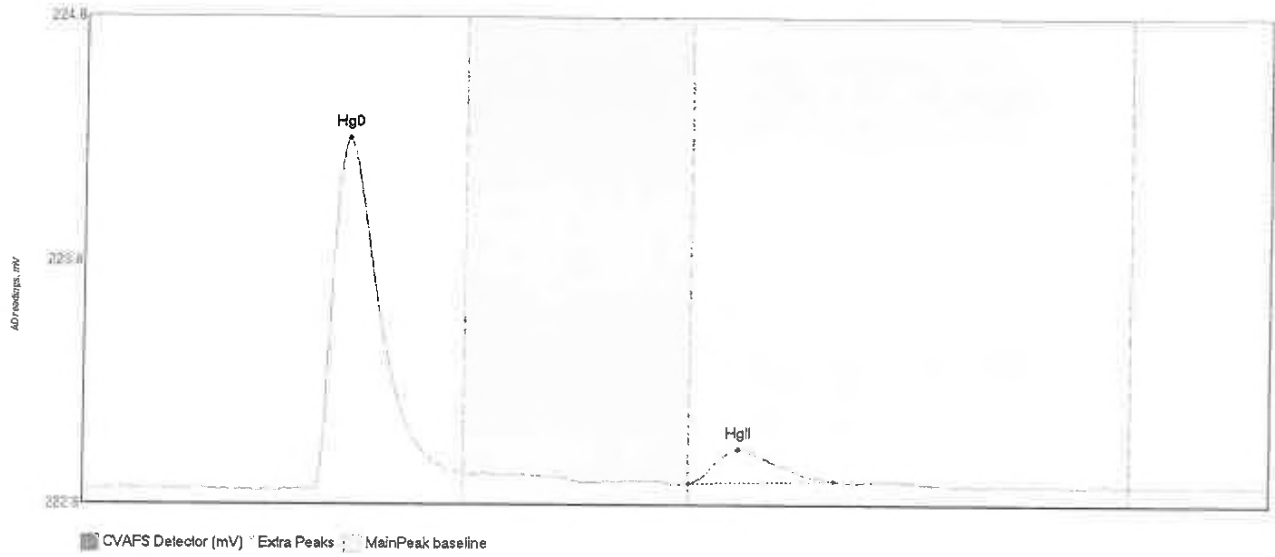
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100073-02 Hg0	158.172	46.5	80.0	222.80	222.87	55.5	1.447	CT	222.8005	0.00	0.01	F009424
0100073-02 MHg	3.475	81.3	98.4	222.86	222.86	87.6	0.043	OK	222.8005	0.00	0.01	F009424
0100073-02 HgII	188.797	127.5	177.9	222.85	222.85	139.6	1.088	OK	222.8005	0.00	0.01	F009424

#114: 0100073-04



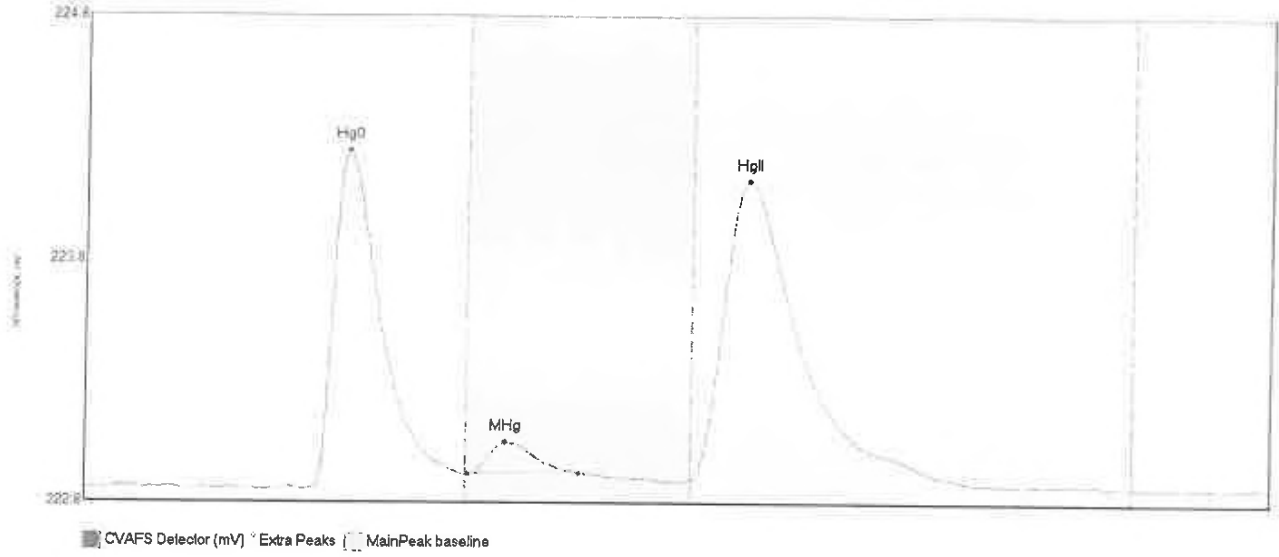
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Comment
0100073-04 Hg0	180.963	48.4	80.0	222.80	222.80	55.5	1.665	CT	222.8027	0.18	0.02	F009424
0100073-04 HgI	43.346	127.5	169.3	222.84	222.84	138.2	0.274	OK	222.8027	0.18	0.02	F009421

#115: 0:00078-05



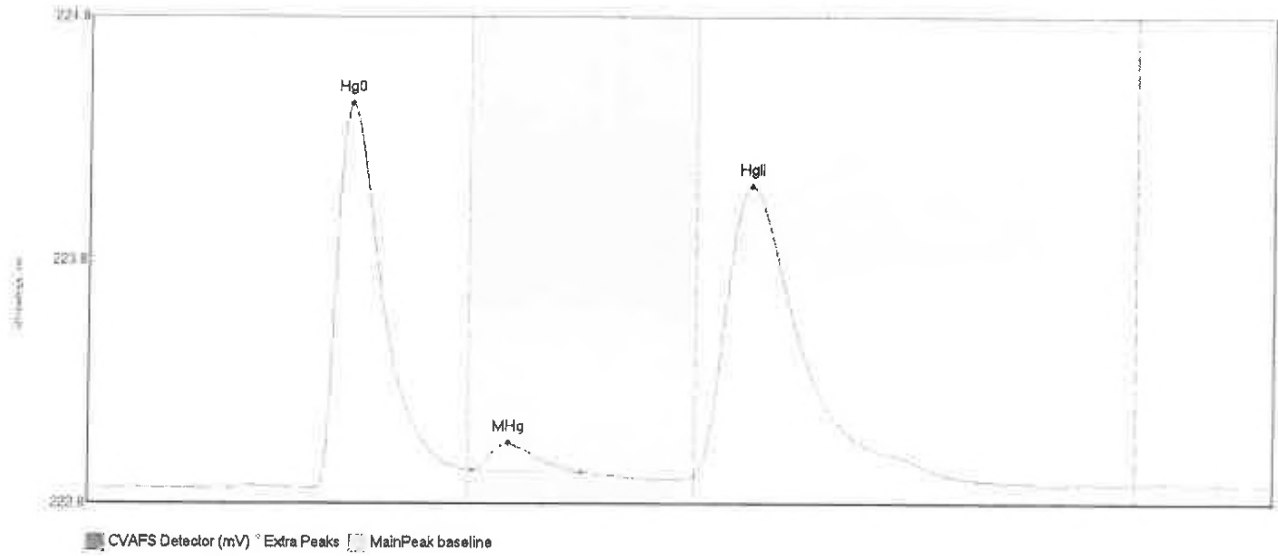
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	Height	Comment
Hg0 158.364	48.2	80.0	222.81	222.88	55.4	1.442	CT	222.88	0.00	1.00	F009424
HgII 19.422	127.5	157.6	222.85	222.85	137.7	0.135	OK	222.85	0.00	0.00	F009424

#116: 000079-08

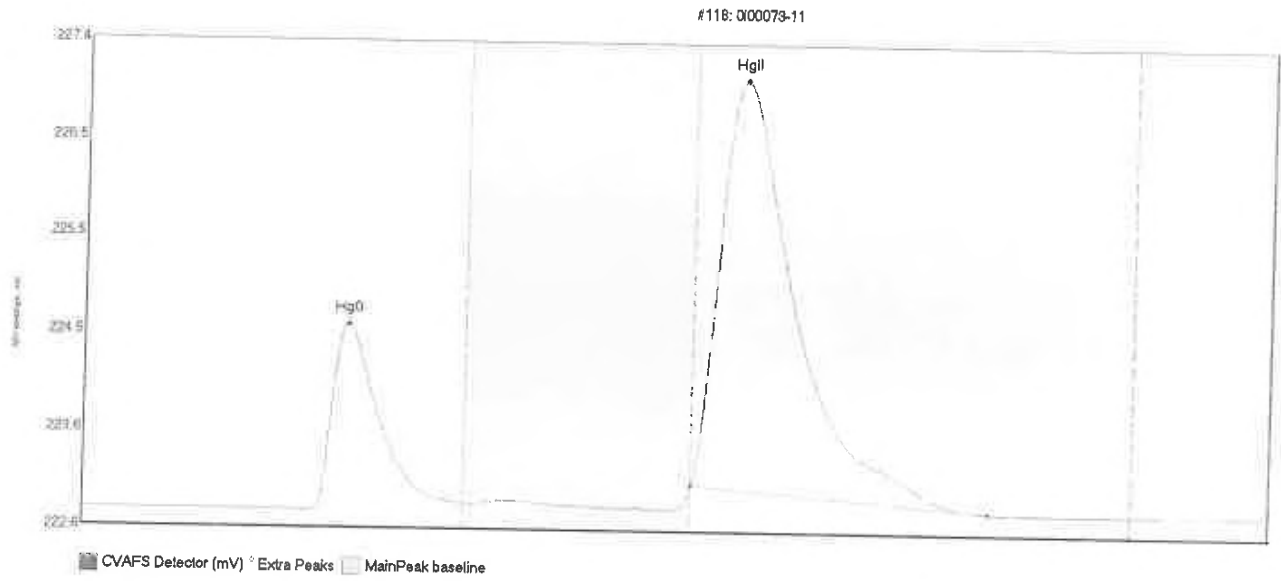


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0102071-08 Hg0	150.612	47.9	80.0	222.83	222.88	55.3	1.384	CT	222.8221	0.00	0.01	F009424
0102071-08 MHg	13.816	80.4	103.7	222.89	222.89	86.3	0.131	OK	222.8221	0.00	0.01	F009424
0102071-08 HgII	218.750	127.5	179.3	222.86	222.87	139.1	1.233	OK	222.8221	0.00	0.01	F009424

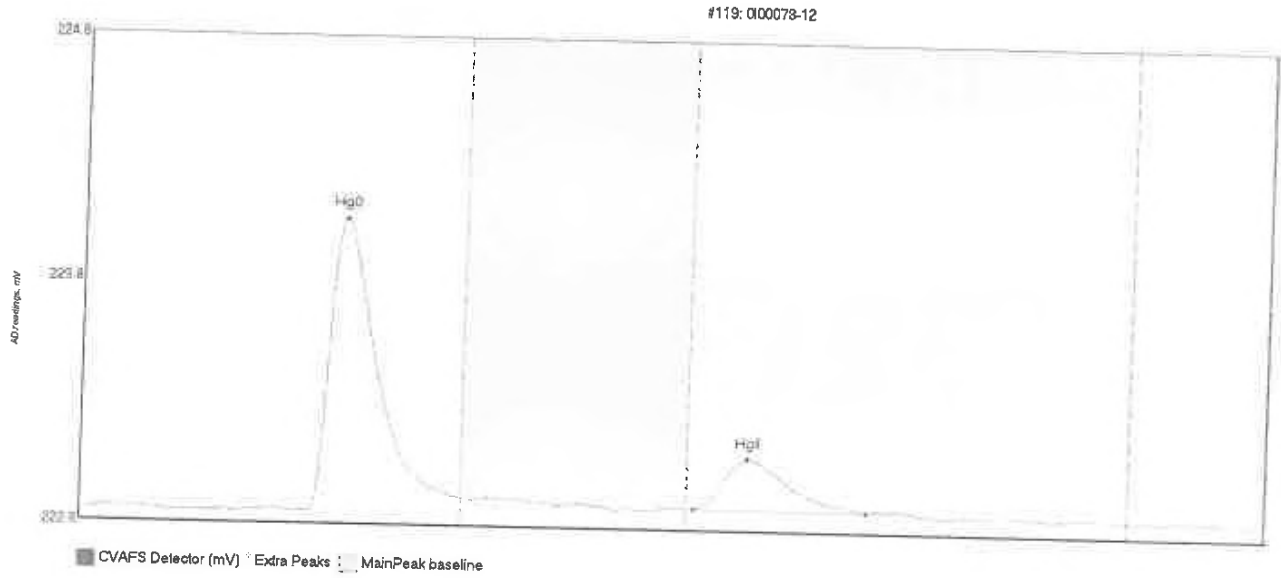
#117: 0100073-09



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDDev	BDShift	Comment
0100073-09 Hg0	171.939	47.7	80.0	222.82	222.89	55.1	1.581	CT	222.8264	0.00	0.01	F009424
0100073-09 MHg	12.617	81.0	103.6	222.89	222.88	88.4	0.116	OK	222.8264	0.00	0.01	F009424
0100073-09 HgII	214.800	127.5	182.2	222.87	222.86	139.1	1.193	OK	222.8264	0.00	0.01	F009424

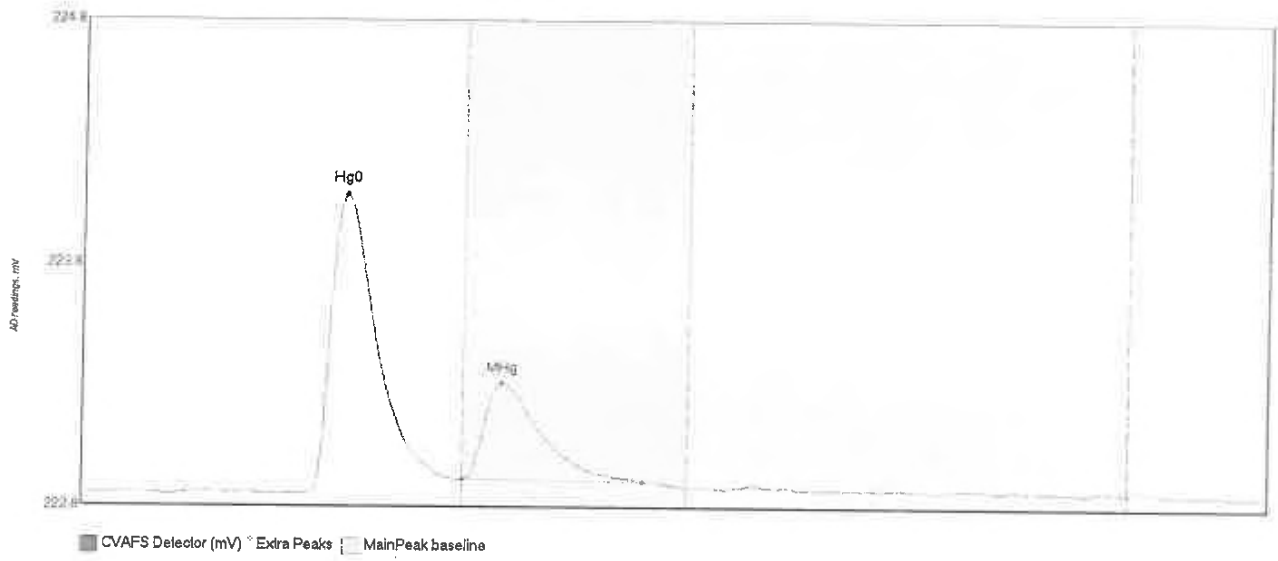


File	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
000073-11	Hg0 197.901	46.5	80.0	222.82	222.89	55.2	1.816	CT	222.8331	0.00	0.03	F009424
000073-11	HgII 729.875	127.5	190.0	223.09	222.86	137.8	3.973	OK	222.8331	0.00	0.03	F009424



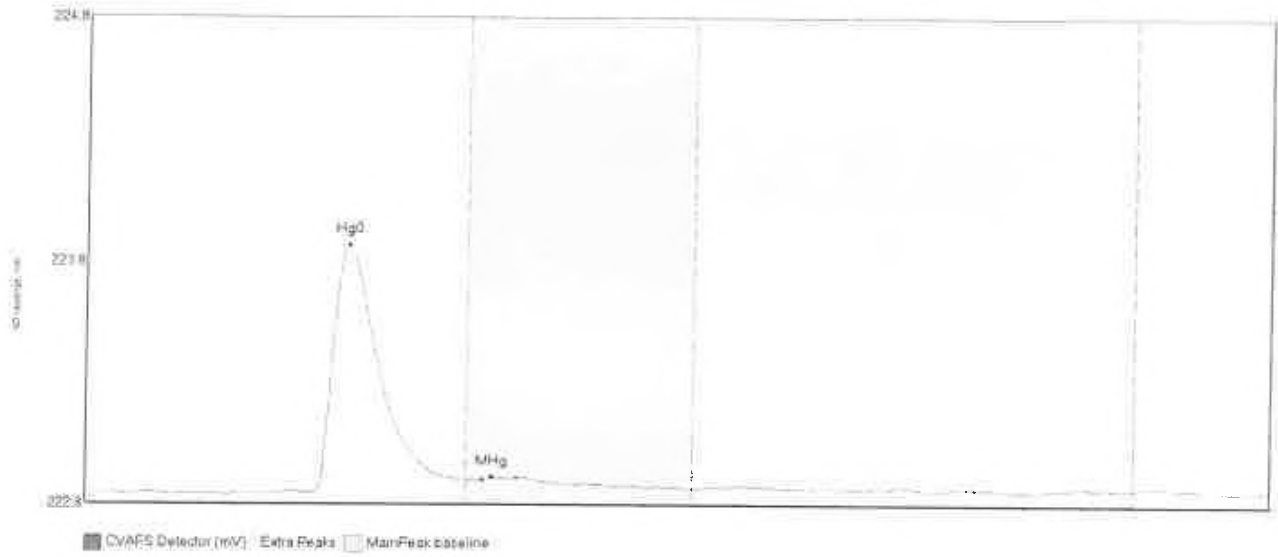
Sample	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
01020111-02	Hg0 129.571	40.1	79.7	222.83	222.90	54.9	1.195	OK	222.8366	0.00	0.00	F009424
01020111-02	HgII 32.145	128.9	165.1	222.86	222.86	139.9	0.211	OK	222.8366	0.00	0.00	F009424

#120; SEQ-CCVA

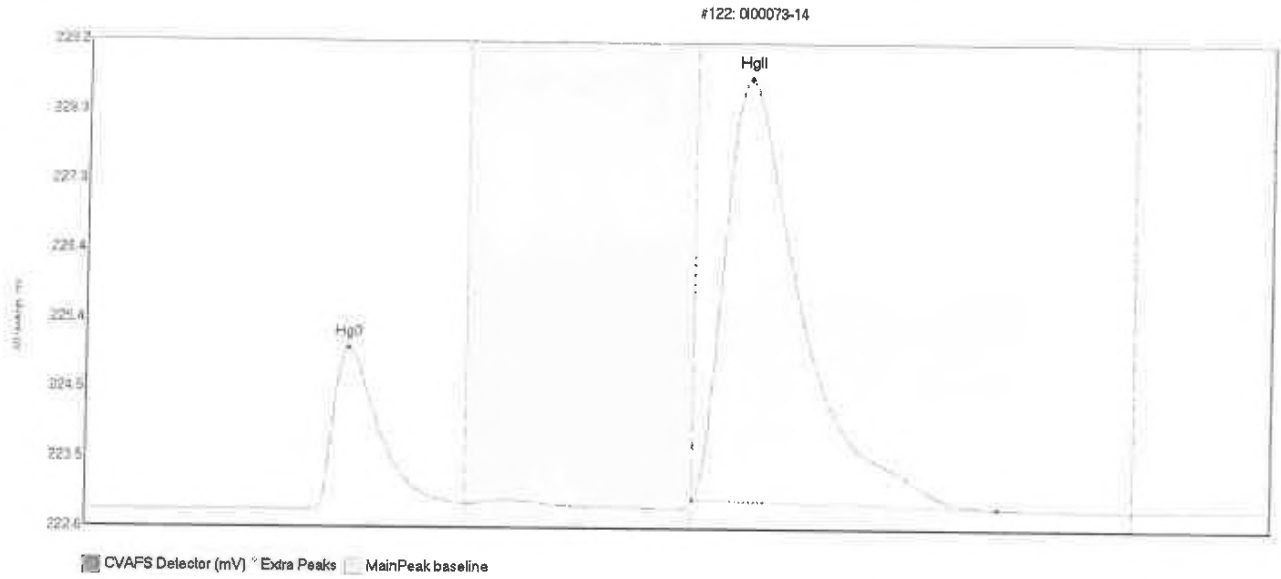


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVA Hg0	131.941	46.2	79.2	222.83	222.89	55.3	1.229	OK	222.8349	0.00	0.00	
SEQ-CCVA MHg	53.915	80.0	117.8	222.89	222.89	88.1	0.396	OK	222.8349	0.00	0.00	

#121: SEQ-CCBA

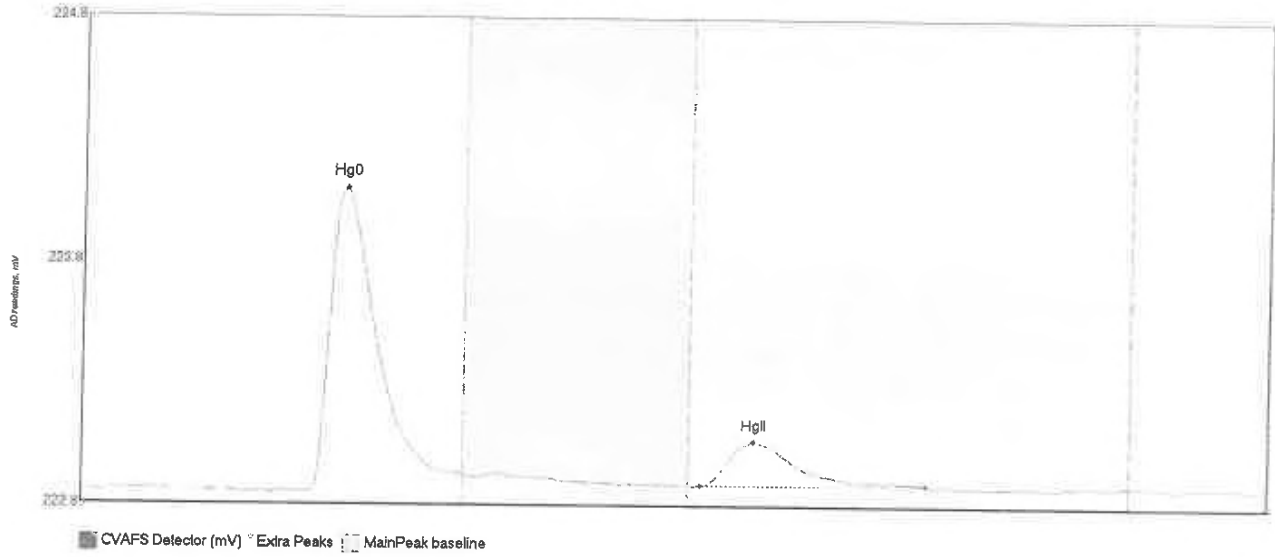


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CCBA Hg0	109.666	48.1	80.0	222.83	222.89	55.2	1.015	CT	222.8298	0.00	0.01	
SEQ-CCBA MHg	0.272	83.4	90.4	222.88	222.89	85.4	0.010	OK	222.8298	0.00	0.01	



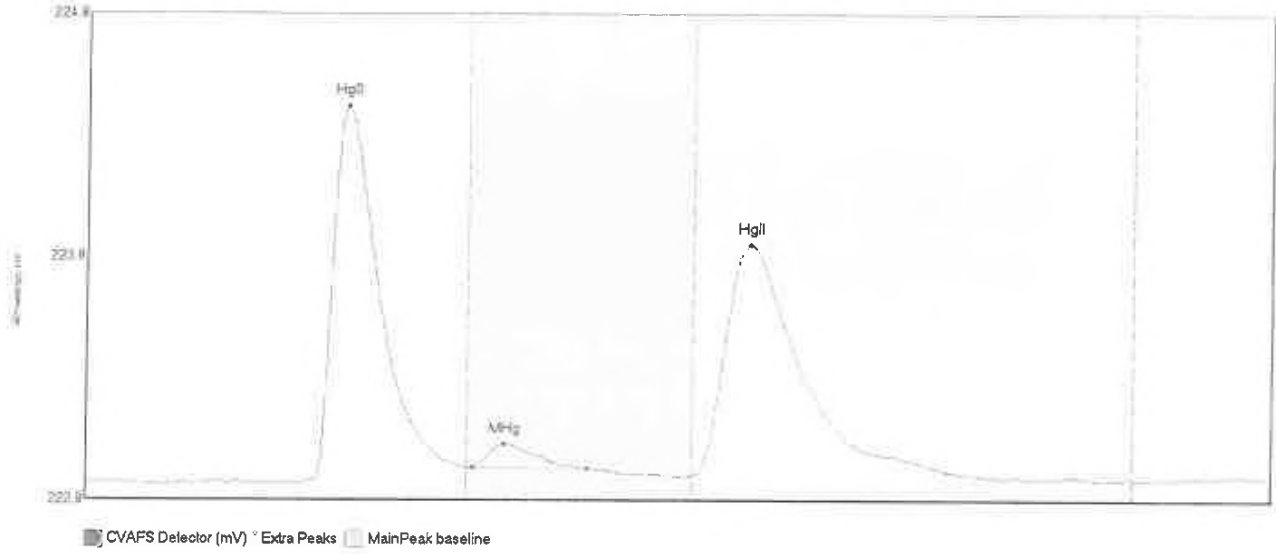
Name	Area	Start	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	BDev	BShift	Comment
0100073-14 Hg0	236.874	47.1	80.0	222.83	222.93	55.1	2.197	CT	222.834	0.00	0.04	F009424
0100073-14 HgII	1077.970	127.5	191.6	222.98	222.87	138.7	5.764	OK	222.834	0.00	0.04	F009424

#128: 000073-15



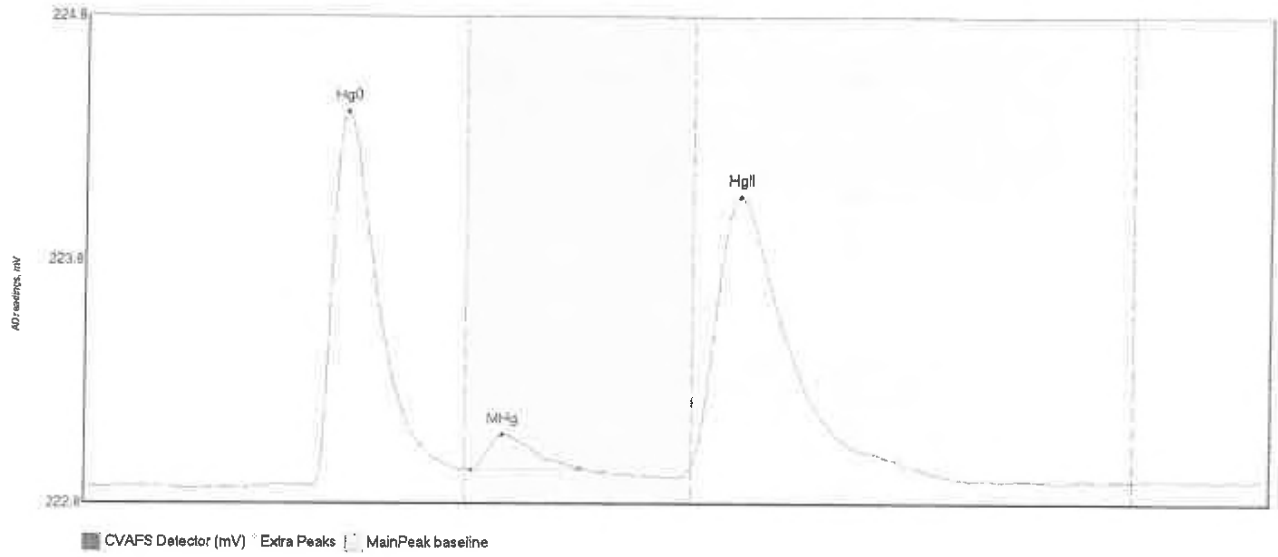
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakWidth	Flags	Baseline	Offset	BShift	Comment
Hg0	133.752	48.0	90.0	222.83	222.91	55.0	1.247	CT	222.8388	0.00	0.61	100418
HgII	29.285	130.0	177.1	222.87	222.87	140.9	0.574	OK	222.8388	0.00	3.01	100418

#124: 0100073-17



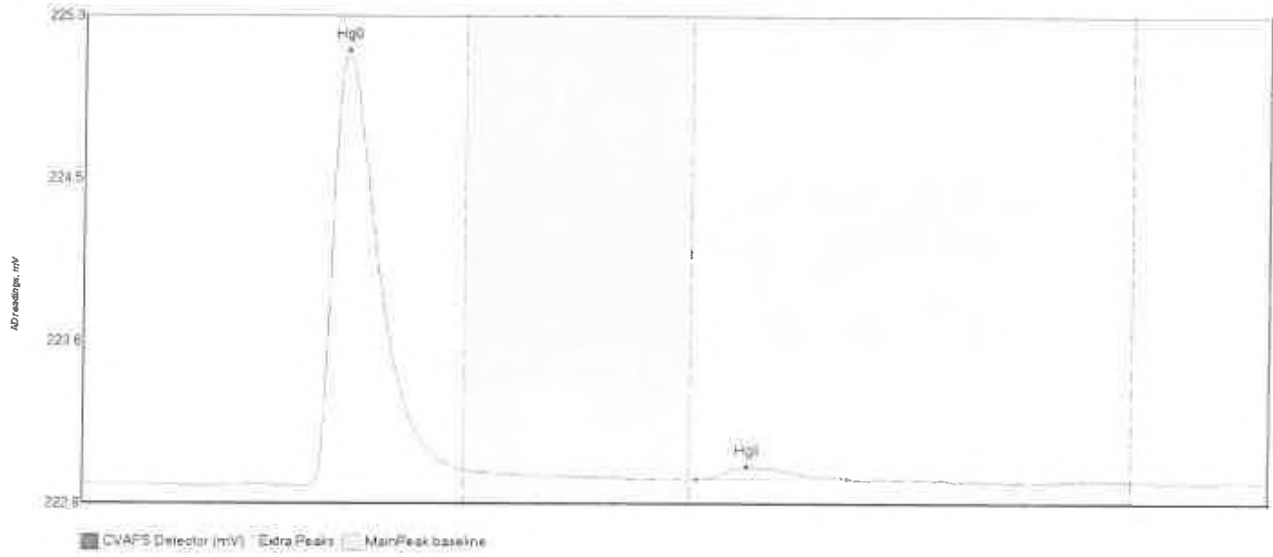
Date	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
2009/01/17	Hg0	167.566	47.8	80.0	222.85	222.90	54.9	1.535	CT	222.8471	0.00	0.02	F009424
2009/01/17	MHg	10.856	81.3	105.2	222.91	222.90	87.9	0.095	OK	222.8471	0.00	0.02	F009424
2009/01/17	HgII	168.953	127.5	183.0	222.87	222.88	139.4	0.946	OK	222.8471	0.00	0.02	F009424

#125: 0100073-20



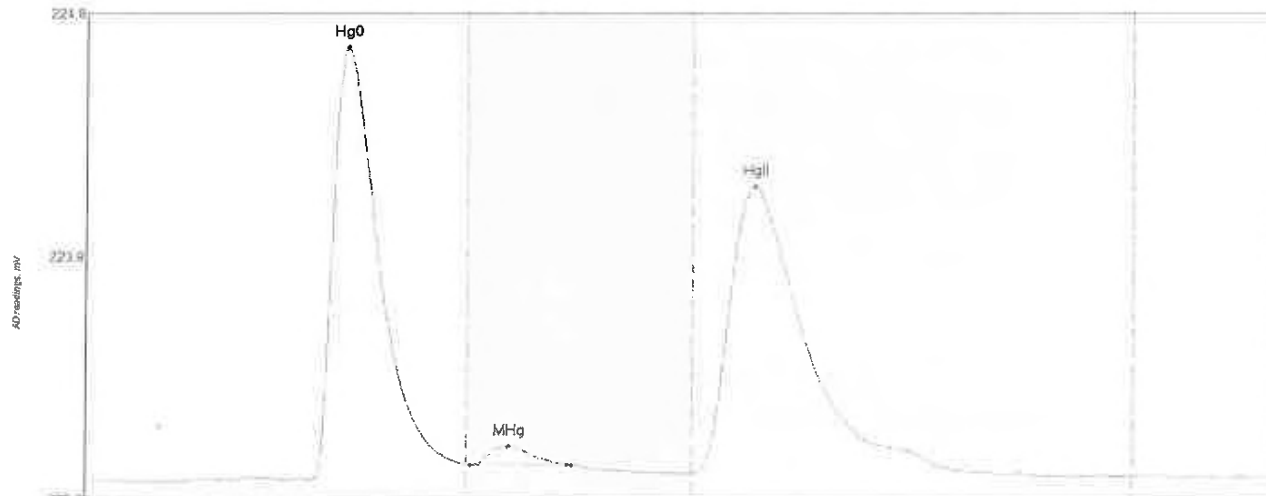
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	PiShift	Comment
0100073-20 Hg0	162.781	38.0	80.0	222.85	222.92	55.0	1.535	CT	222.8465	0.00	0.03	F009424
0100073-20 MHg	15.331	81.5	104.0	222.92	222.92	87.9	0.144	OK	222.8465	0.00	0.93	F009424
0100073-20 HgII	174.271	127.5	170.0	222.94	222.96	137.3	1.097	OK	222.8465	0.00	0.63	F009424

#126: 000078-21



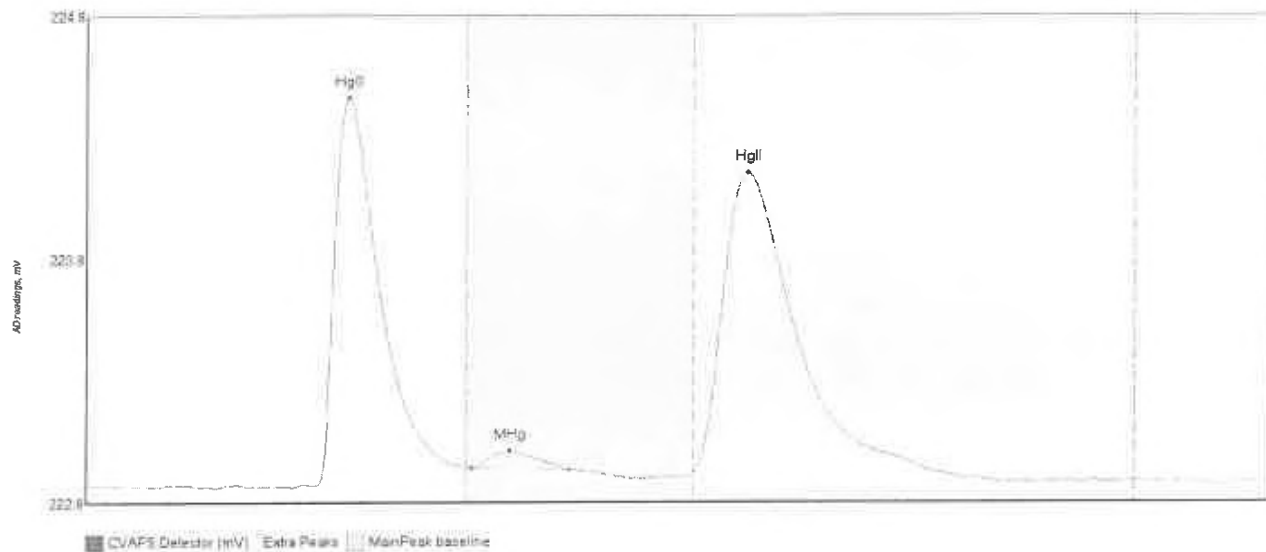
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0	249.586	48.0	80.0	222.86	222.93	55.4	2.303	CT	222.8646	0.00	0.00	F009424
HgII	10.318	128.9	160.3	222.89	222.89	139.5	0.066	OK	222.8646	0.00	0.00	F009424

#127: 0100073-23



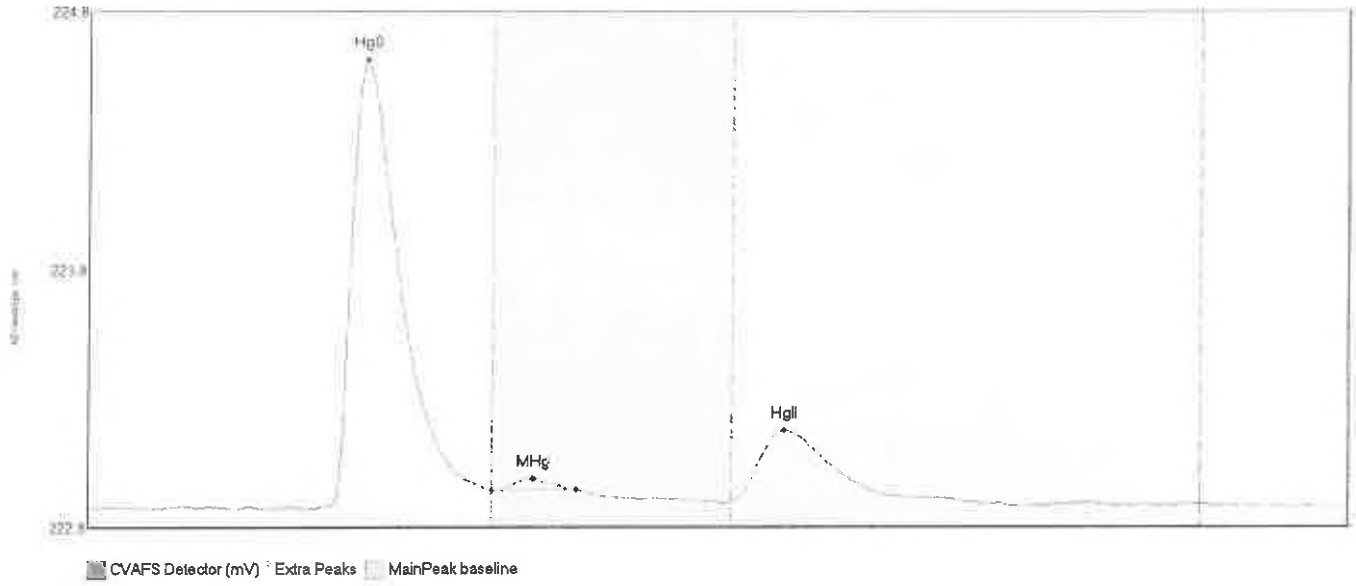
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIdev	BIShift	Comment
0100073-23 Hg0	191.557	17.9	80.0	222.86	222.93	55.0	1.827	CT	222.8553	0.00	0.02	F009424
0100073-23 MHg	8.112	80.9	102.1	222.93	222.93	88.8	0.077	OK	222.9553	0.00	0.02	F009424
0100073-23 HgII	219.191	127.6	185.6	222.89	222.90	140.4	1.206	OK	222.9553	0.00	0.02	F009424

#128: 0100073-24



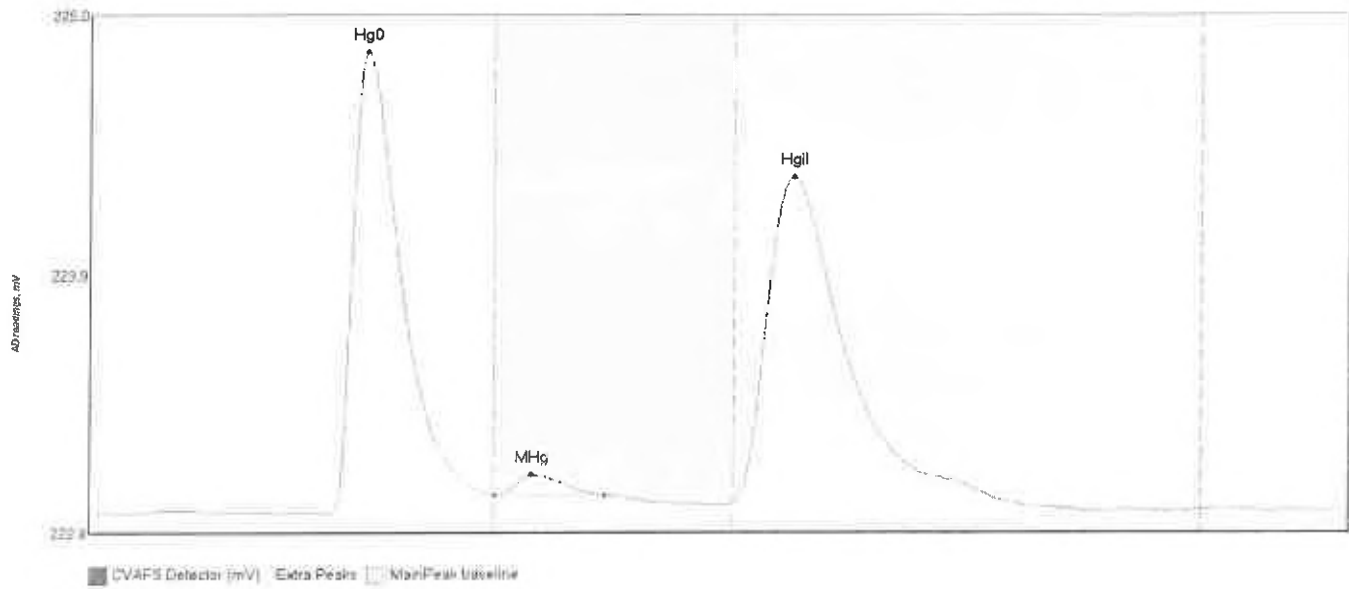
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-24 Hg0	171.996	47.5	80.0	222.87	222.94	55.2	1.591	CT	222.8700	0.100	0.02	0100073-24
0100073-24 MHg	7.954	81.1	101.2	222.94	222.94	89.0	0.070	OK	222.9400	0.100	0.02	0100073-24
0100073-24 HgII	217.520	127.5	182.0	222.92	222.91	138.7	1.234	OK	222.9200	0.100	0.02	0100073-24

#129: 0100076-01



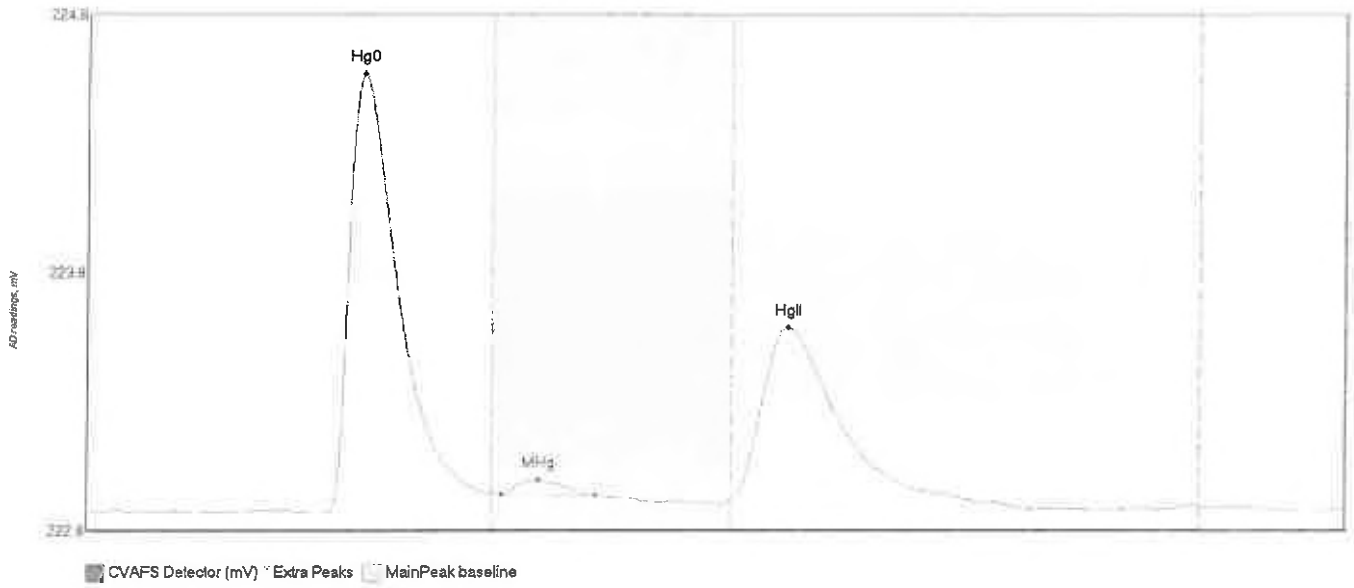
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BlShift	Comment
0100076-01 Hg0	100,567	45.0	80.0	222.87	222.94	55.1	1.736	CT	222.8754	2.22	0.01	F009424
0100076-01 MHg	6,735	80.0	96.8	222.94	222.95	69.3	0.046	OK	222.8754	0.90	0.01	F009424
0100076-01 HgII	87,167	127.5	172.1	222.90	222.90	137.7	0.275	OK	222.8754	2.27	0.01	F009424

#180: 000073-26



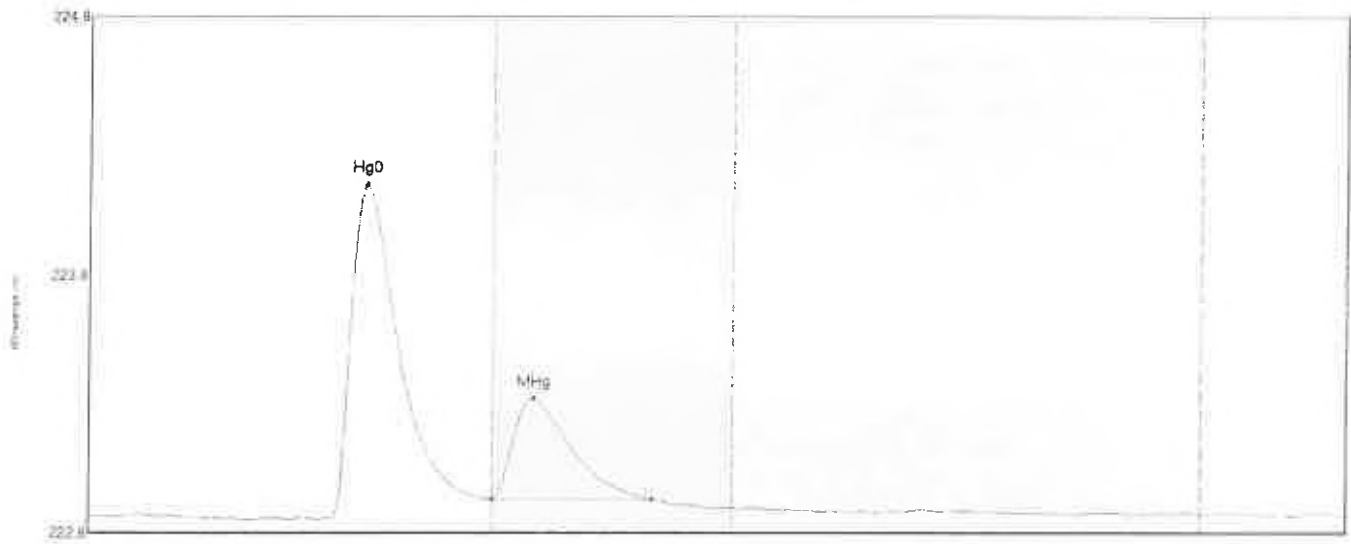
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Width (1)	Comment
47.7	210.822	47.7	80.0	222.87	222.95	55.1	1.944	CT	222.87	0.08	0.08	F009424
80.4	9.431	80.4	102.0	222.95	222.95	87.6	0.089	OK	222.95	0.00	0.00	F009424
127.5	247.486	127.5	184.9	222.92	222.90	139.1	1.369	OK	222.92	0.08	0.08	F009424

#131: 0100073-29



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
0100073-29 Hg0	183.811	47.6	80.0	222.88	222.95	55.1	1.697	CT	222.8789	0.00	F009424
0100073-29 MHg	6.102	81.9	100.4	222.95	222.94	89.2	0.054	OK	222.8789	0.00	F009424
0100073-29 HgII	110.608	127.5	172.6	222.93	222.93	138.6	0.667	OK	222.8789	0.00	F009424

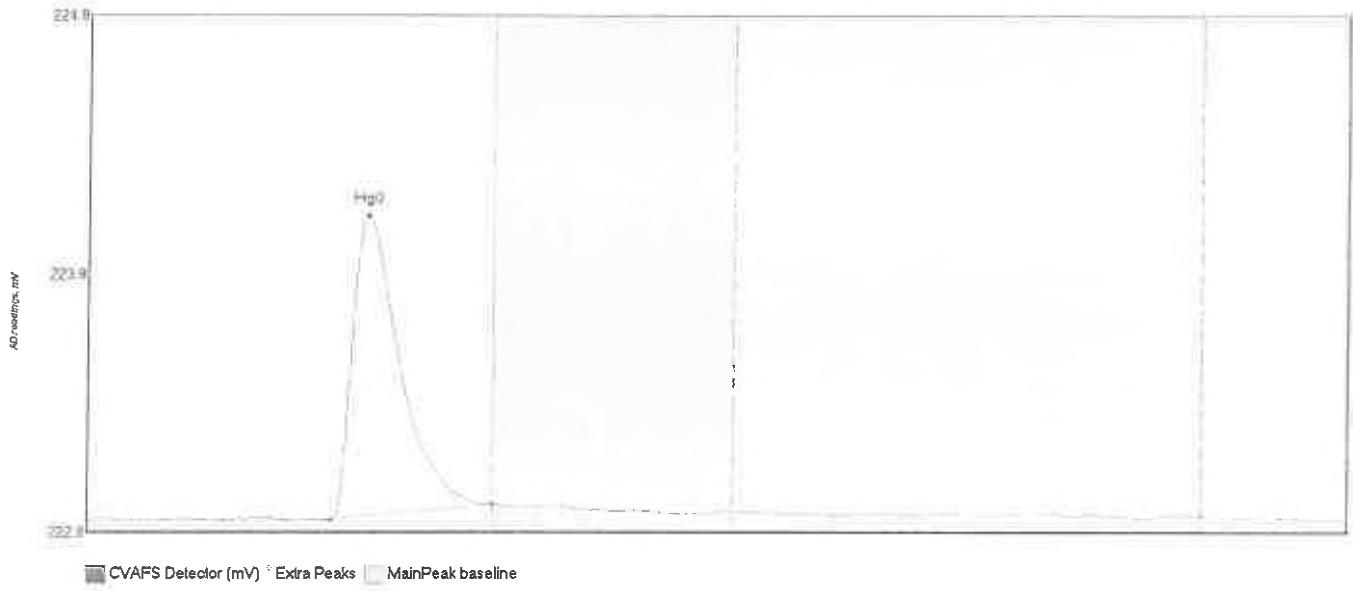
#132: SEG-CCVB



■ CVAFS Detector (mV) ° Extra Peaks □ MainPeak baseline

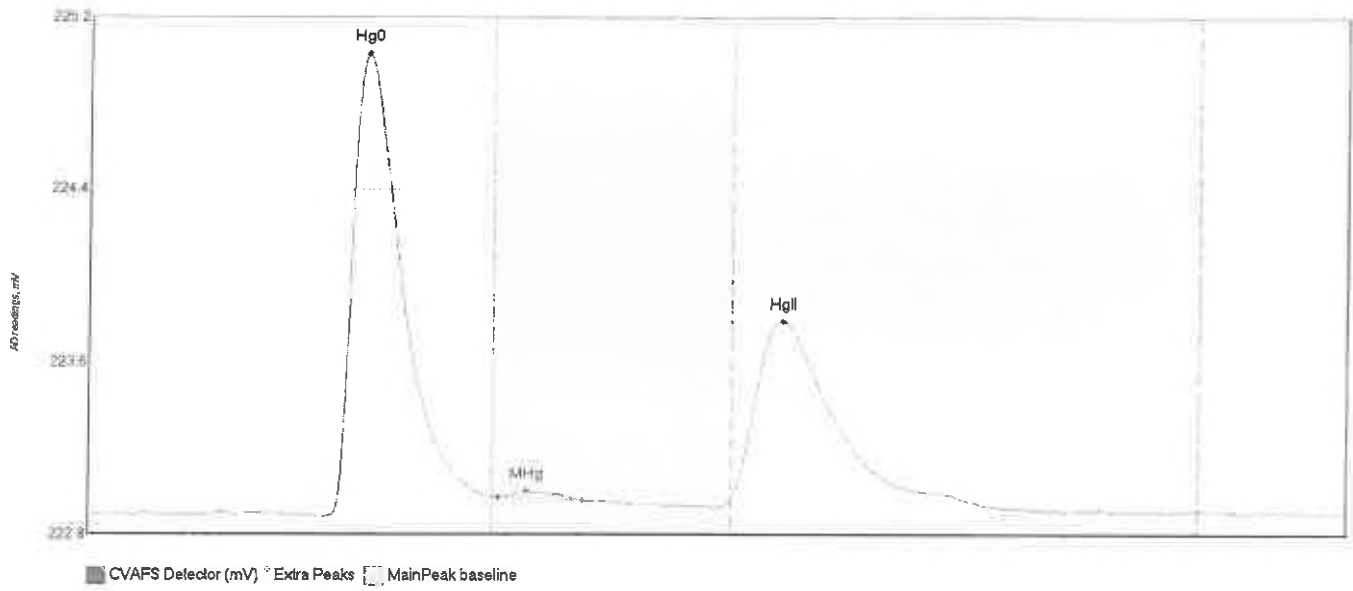
File	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEG-CCVB Hg0	138.444	47.9	79.6	222.88	222.95	55.1	1.290	OK	222.8873	0.00	0.00	
SEG-CCVB MHg	50.781	50.0	111.4	222.95	222.95	88.1	0.391	OK	222.8873	0.00	0.00	

#133: SEQ-CCBB

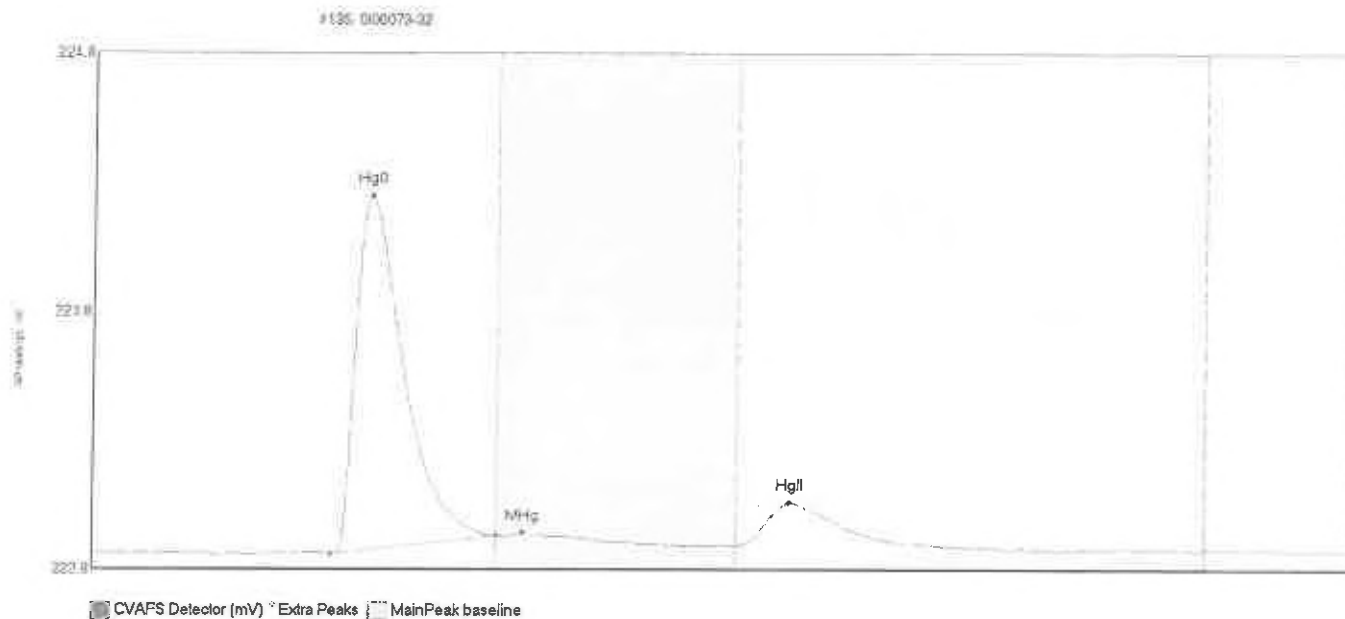


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comments
SEQ-CCBB	125.437	47.9	80.0	222.87	222.93	55.2	1.174	CT	222.7745	0.00	0.00	

#134: 0100073-30

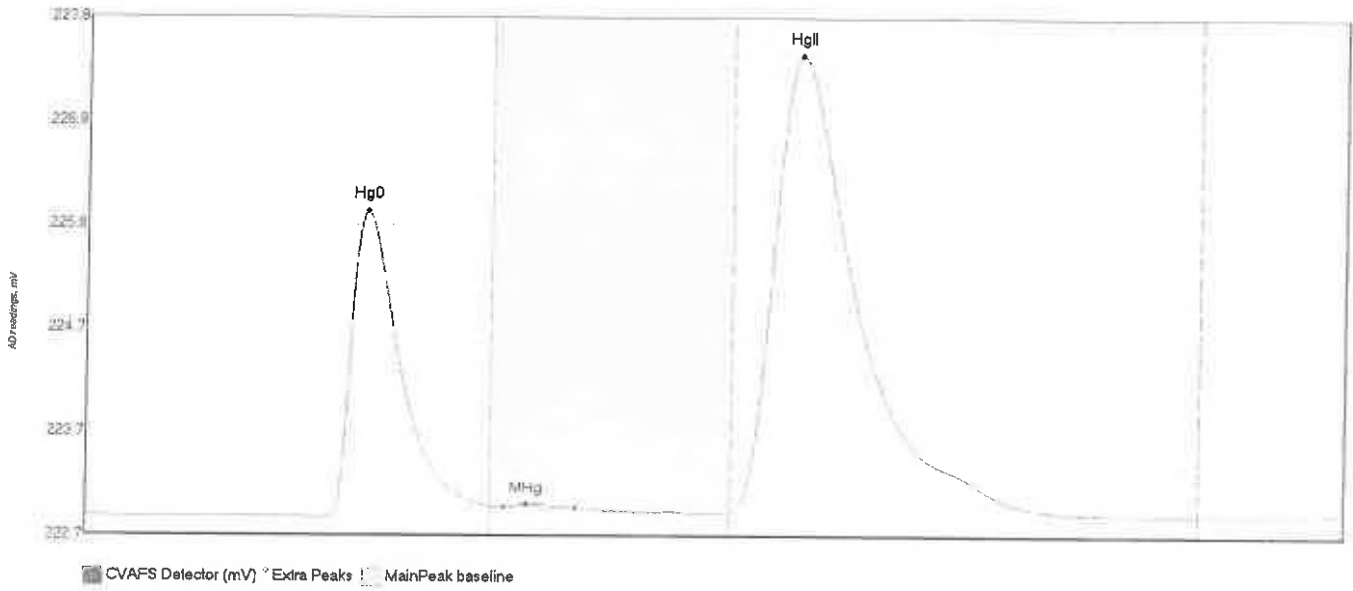


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-30 Hg0	238.832	47.1	80.0	222.86	222.95	55.2	2.180	CT	222.8699	0.00	0.01	F009425
0100073-30 MHg	3.397	81.3	97.9	222.95	222.93	86.8	0.030	OK	222.8699	0.00	0.01	F009425
0100073-30 HgII	129.515	127.5	165.6	222.95	222.97	137.3	0.834	OK	222.8699	0.00	0.01	F009425



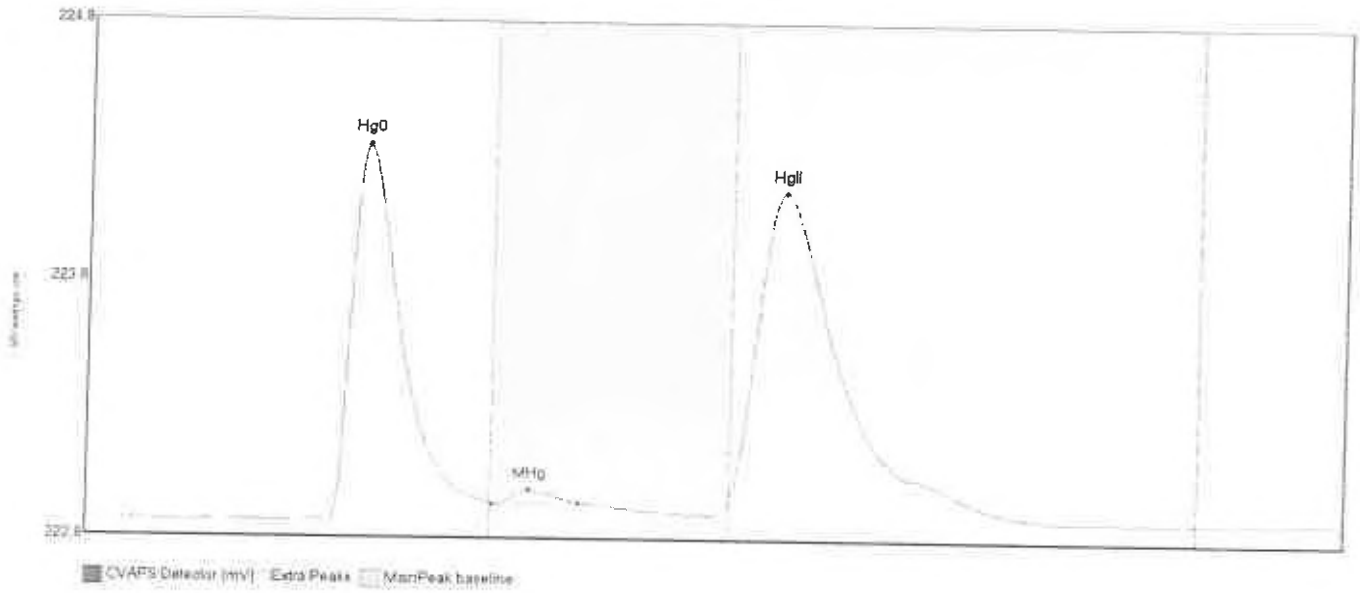
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
0100073-32 Hg0	149.839	47.3	80.0	222.87	222.94	55.2	1.389	CT	222.8763	0.00	F009425
0100073-32 MHg	0.503	82.7	89.8	222.94	222.94	85.2	0.012	OK	222.8763	0.00	F009425
0100073-32 HgII	25.271	127.8	165.8	222.90	222.91	137.9	0.165	OK	222.8763	0.00	F009425

#188: 0100073-33



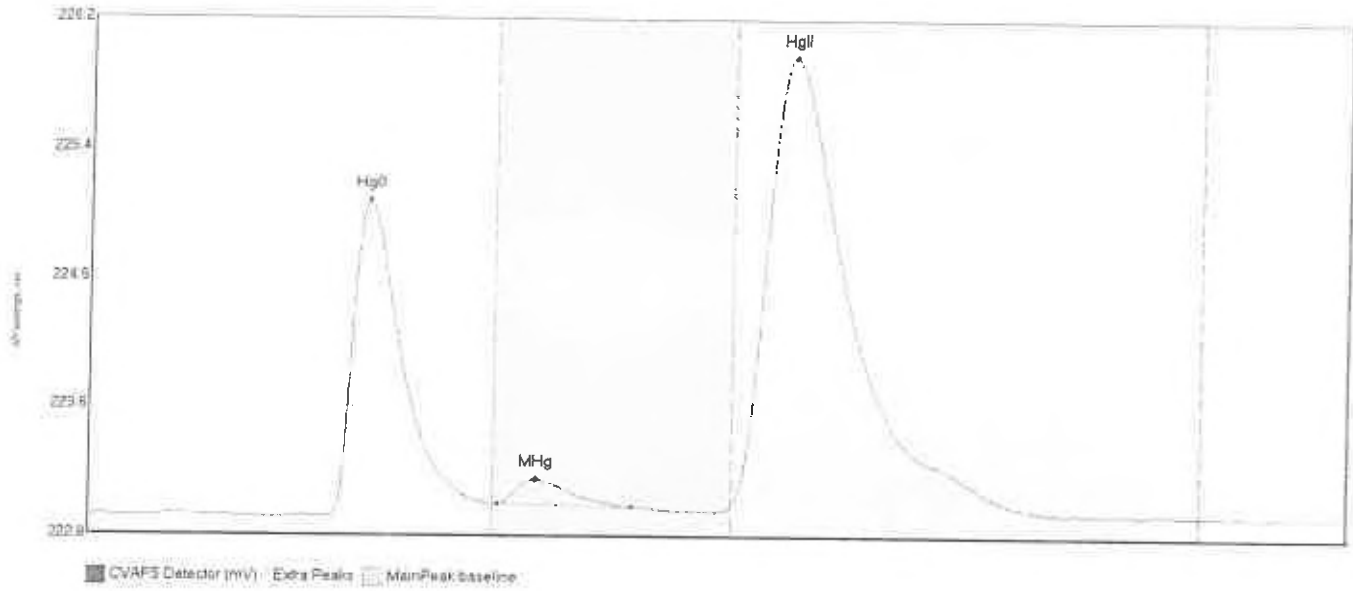
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	326.173	47.2	80.0	222.88	222.98	55.4	3.015	CT	222.8935	0.00	0.02	F009425
MHg	2.736	82.9	96.9	222.97	222.96	87.2	0.024	OK	222.8935	0.00	0.02	F009425
HgII	857.256	127.5	191.8	222.93	222.92	140.9	4.514	OK	222.8935	0.00	0.02	F009425

#137: 000073-35



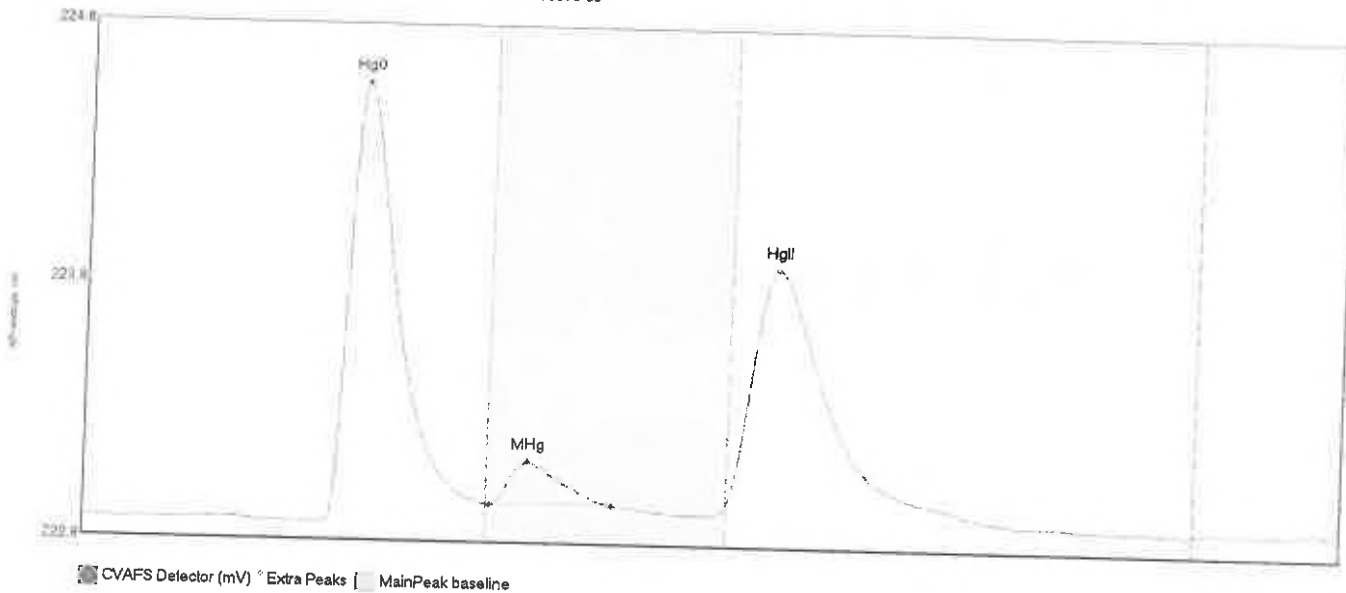
Scan	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	HiShift	Comment
27001-1	Hg0 157.232	48.1	80.0	222.89	222.95	55.2	1.449	CT	222.8875	4.28	0.01	000073
000073-35	MHg 4.617	80.4	97.6	222.95	222.96	87.7	0.057	OK	222.8875	8.88	0.01	000073
201001-1	HgII 209.929	127.5	178.6	222.98	222.94	137.7	1.187	OK	222.8875	22.92	0.01	000073

#188: 0100073-88

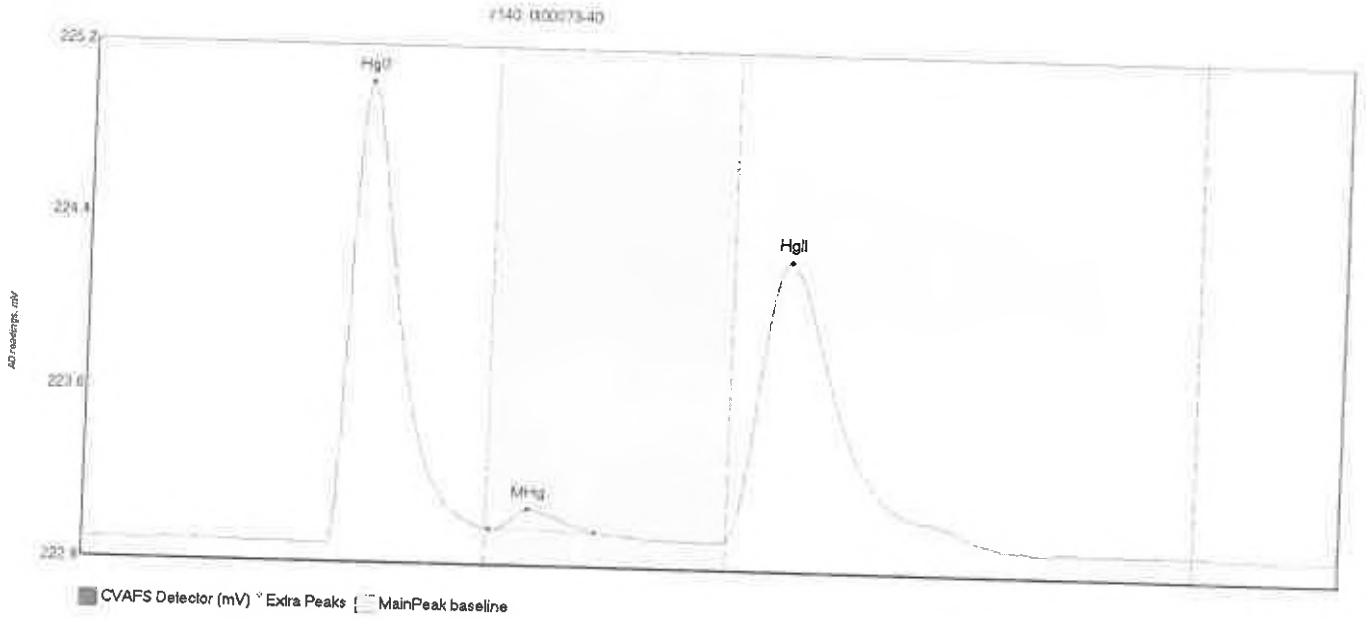


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
0100073-88 Hg0	228.799	48.1	79.7	222.90	222.98	55.3	2.123	OK	222.8963	0.01	F009425
0100073-88 MHg	20.613	81.0	107.4	222.98	222.96	88.6	0.165	OK	222.8963	0.01	F009425
0100073-88 HgII	565.282	127.5	187.9	222.96	222.93	139.2	3.036	OK	222.8963	0.01	F009425

#139: 0100073-39

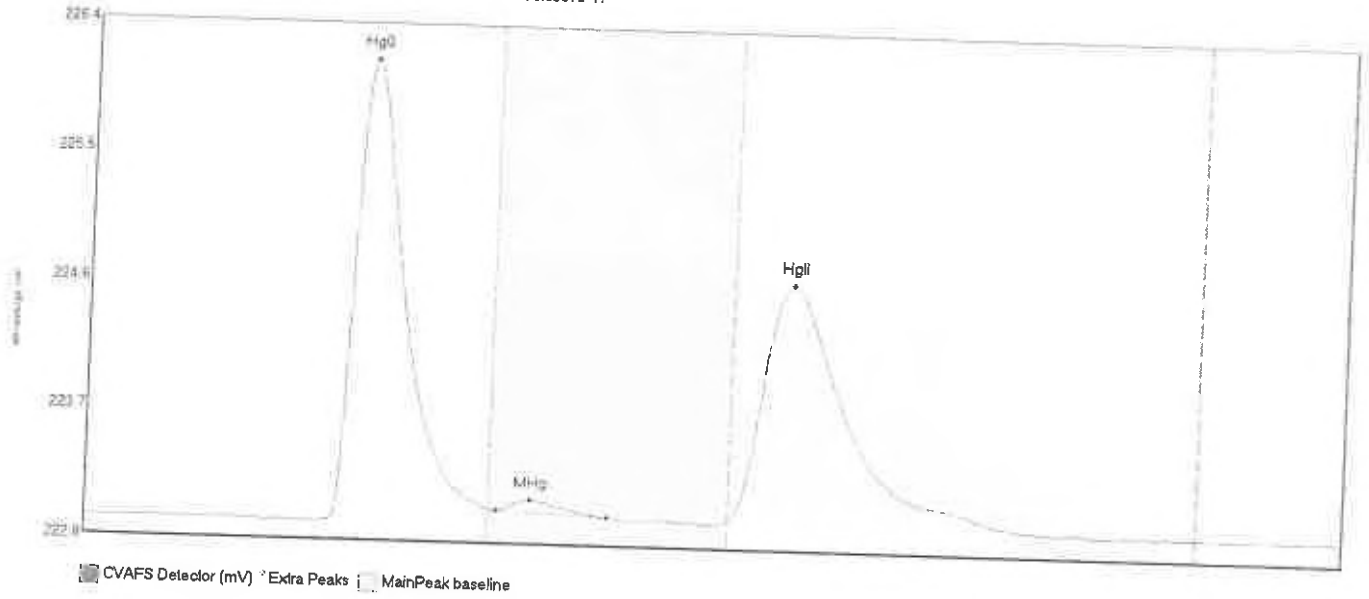


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDDev	BShift	Comment
0100073-39 Hg0	182.591	47.7	80.0	222.89	222.97	54.9	1.696	CT	222.8975	0.00	0.02	F009425
0100073-39 MHg	18.451	80.7	104.6	222.97	222.97	88.1	0.166	OK	222.8975	0.00	0.02	F009425
0100073-39 HgII	136.455	127.5	163.8	222.99	223.01	136.7	0.908	OK	222.8975	0.00	0.02	F009425



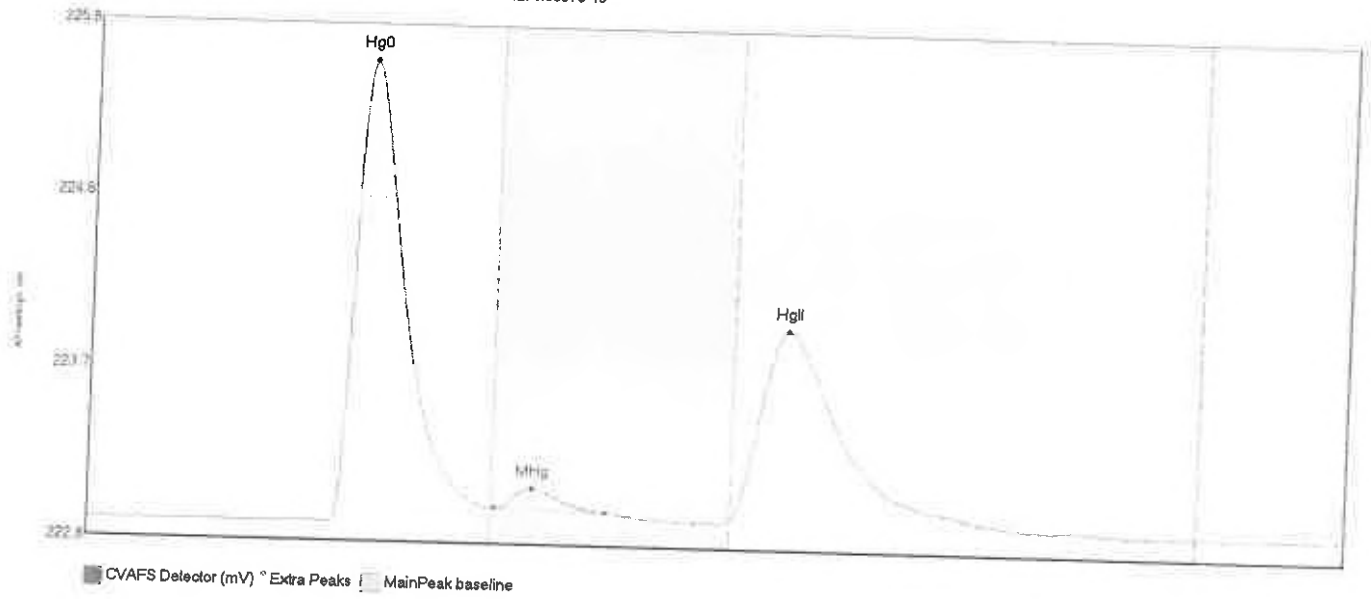
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Shift	Comment
0100073-40 Hg0	231.414	48.2	80.0	222.89	222.97	55.1	2.142	CT	222.8991	0.01	F009425
0100073-40 MHg	10.543	80.7	101.5	222.97	222.97	88.2	0.099	OK	222.8991	0.01	F009425
0100073-40 HgII	233.537	127.5	182.4	222.95	222.93	138.7	1.291	OK	222.8991	0.01	F009425

#141: 0100073-41



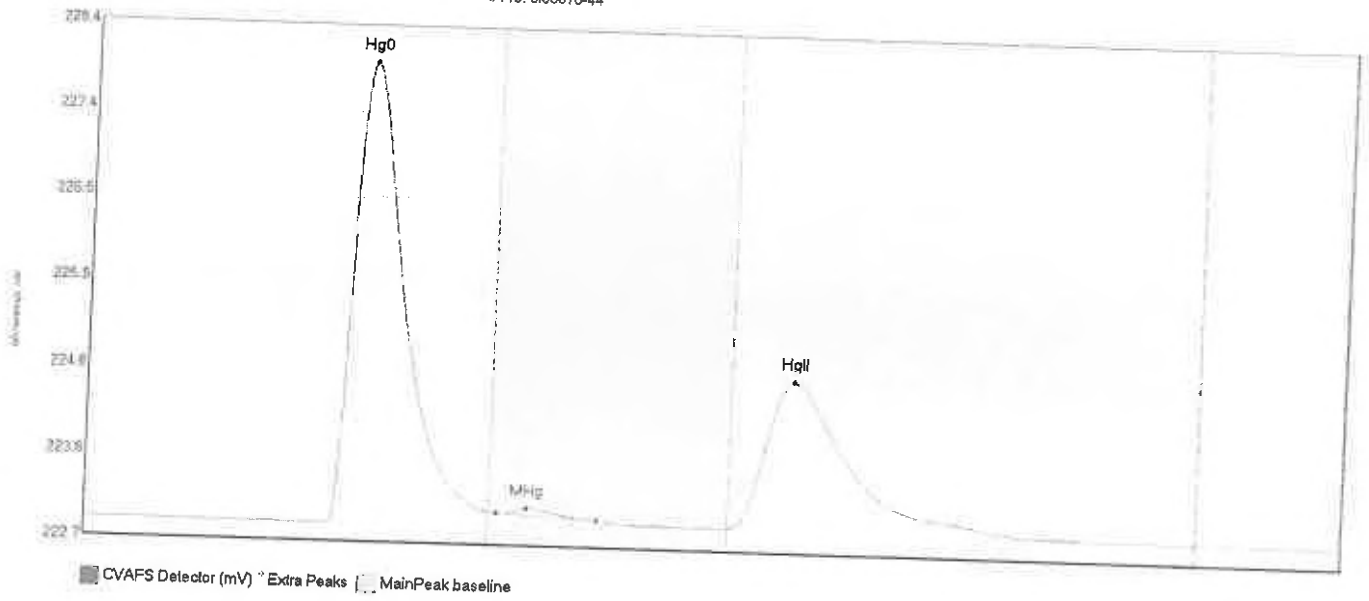
	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
Hg0	353.014	45.9	80.0	222.89	223.00	55.3	3.225	CT	222.8986	0.00	0.01	F009425
MHg	9.514	81.6	103.6	222.99	222.96	88.3	0.074	OK	222.8986	0.00	0.01	F009425
HgII	306.810	127.5	186.1	222.96	222.93	139.1	1.664	OK	222.8986	0.00	0.01	F009425

#142: 0100073-43



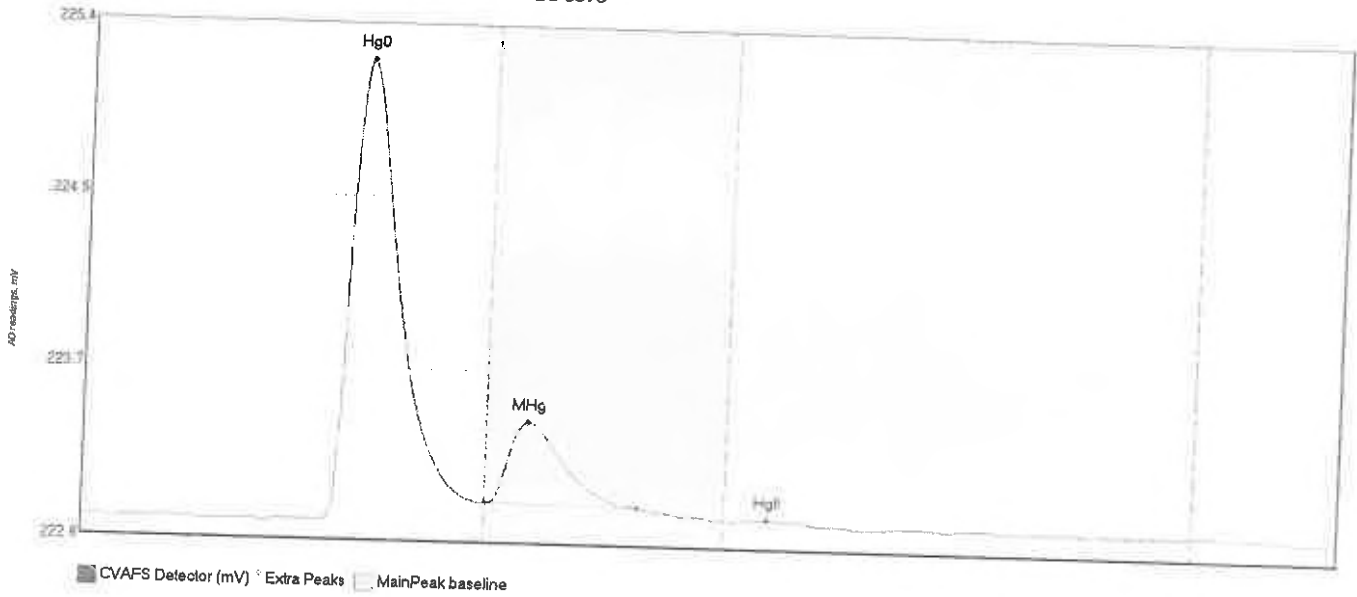
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BShift	Comment
0100073-43 Hg0	265.083	47.1	80.0	222.90	222.99	55.1	2.444	CI	222.8959	0.00	0.01	F009425
0100073-43 MHg	11.200	80.8	102.5	222.89	222.97	88.1	0.108	OK	222.8959	0.00	0.01	F009425
0100073-43 HgII	173.366	127.5	176.8	222.96	222.96	138.0	1.004	OK	222.8959	0.00	0.01	F009425

#143: 0100073-44



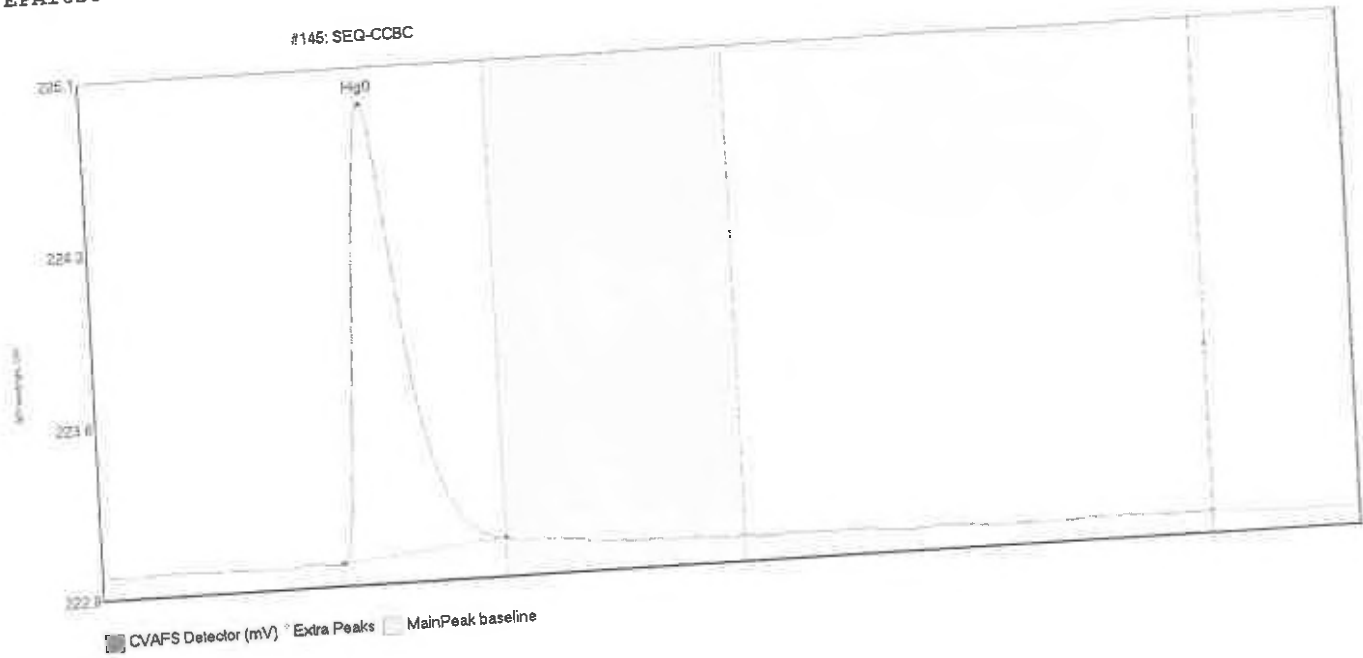
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-44 Hg0	560.171	47.7	80.0	222.89	223.06	55.4	5.058	CT	222.9112	0.00	0.01	F009425
0100073-44 MHg	7.466	81.6	101.4	223.04	222.99	87.5	0.062	OK	222.9112	0.00	0.01	F009425
0100073-44 HgII	299.369	127.5	184.8	222.95	222.95	139.7	1.625	OK	222.9112	0.00	0.01	F009425

#144: SEQ-CCVC



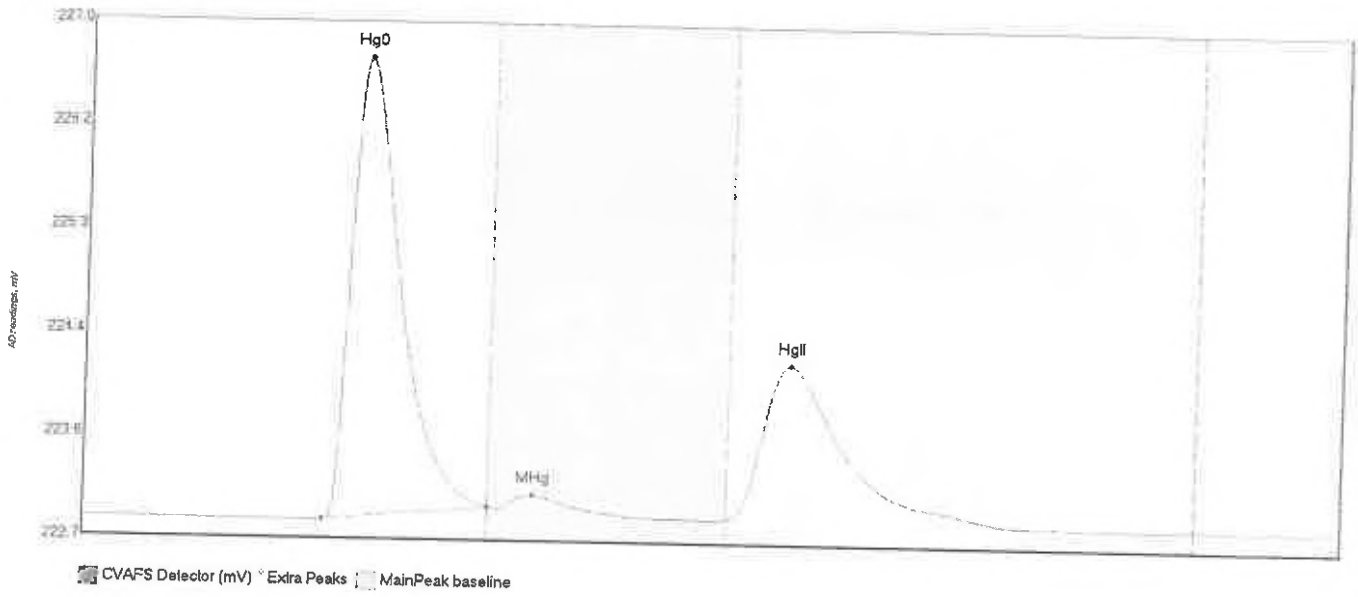
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Shift	Comment
SEQ-CCVC Hg0	251.403	47.4	80.0	222.91	223.01	224.8	2.325	CT	222.9068	0.00		
SEQ-CCVC MHg	50.511	80.0	110.0	223.01	223.00	223.5	9.411	OK	222.9068	0.00		
SEQ-CCVC HgII	1.163	128.9	141.7	222.94	222.94	223.0	0.019	OK	222.9068	0.00		

#145: SEQ-CCBC



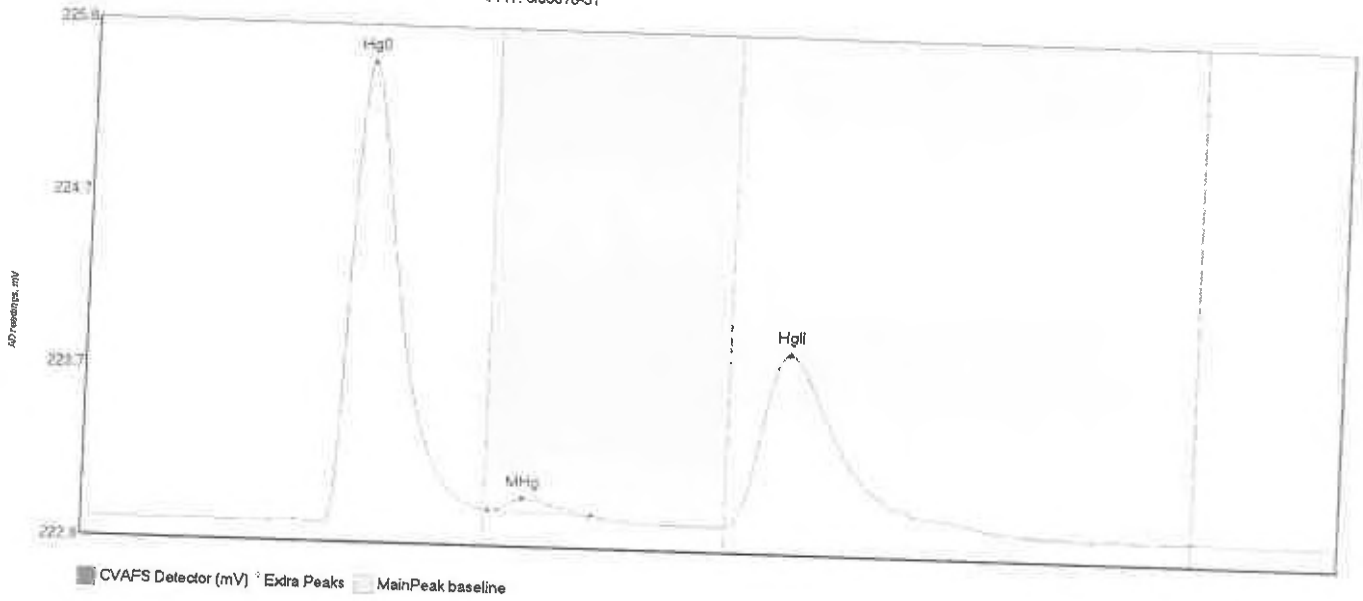
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBC	217.493	48.0	80.0	222.91	222.98	55.2	2.006	CT	222.9018	0.00	-0.01	

#146: 0100073-45



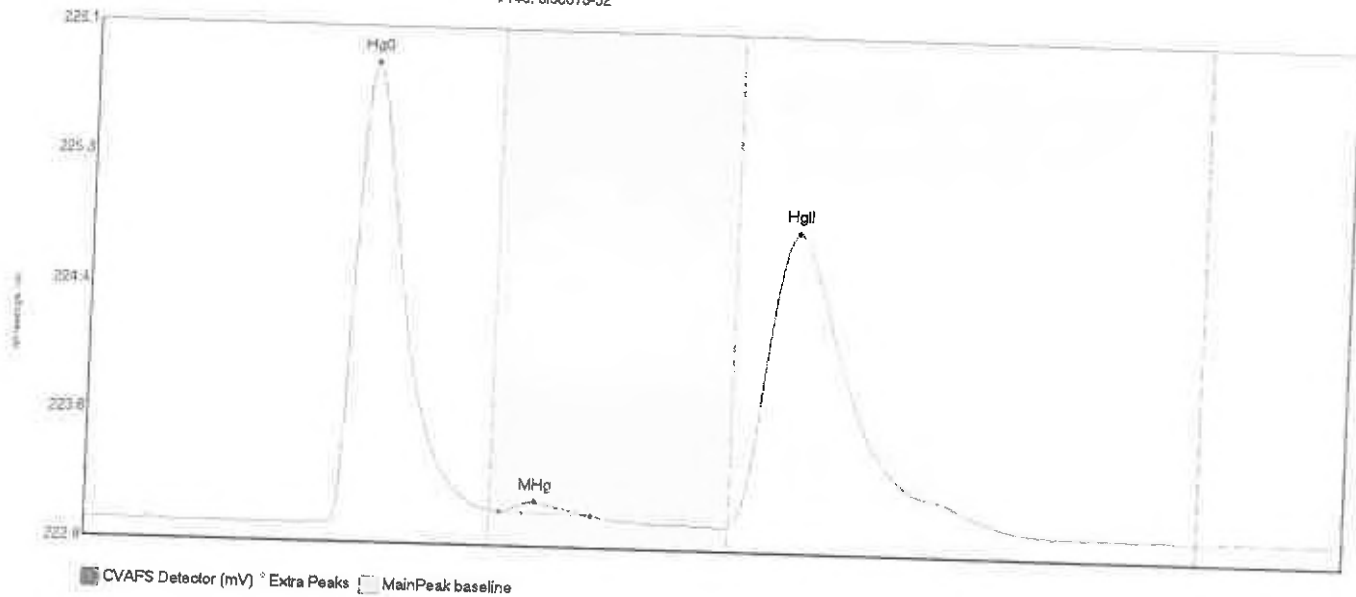
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-45 Hg0	421.340	47.7	80.0	222.89	223.01	55.5	3.821	CT	222.8996	0.00	-0.01	F009425
0100073-45 MHgI	11.398	81.9	100.8	223.00	222.99	88.9	0.111	OK	222.8996	0.00	-0.01	F009425
0100073-45 HgII	234.289	127.5	183.4	222.94	222.92	139.7	1.296	OK	222.8996	0.00	-0.01	F009425

#147: 000073-51



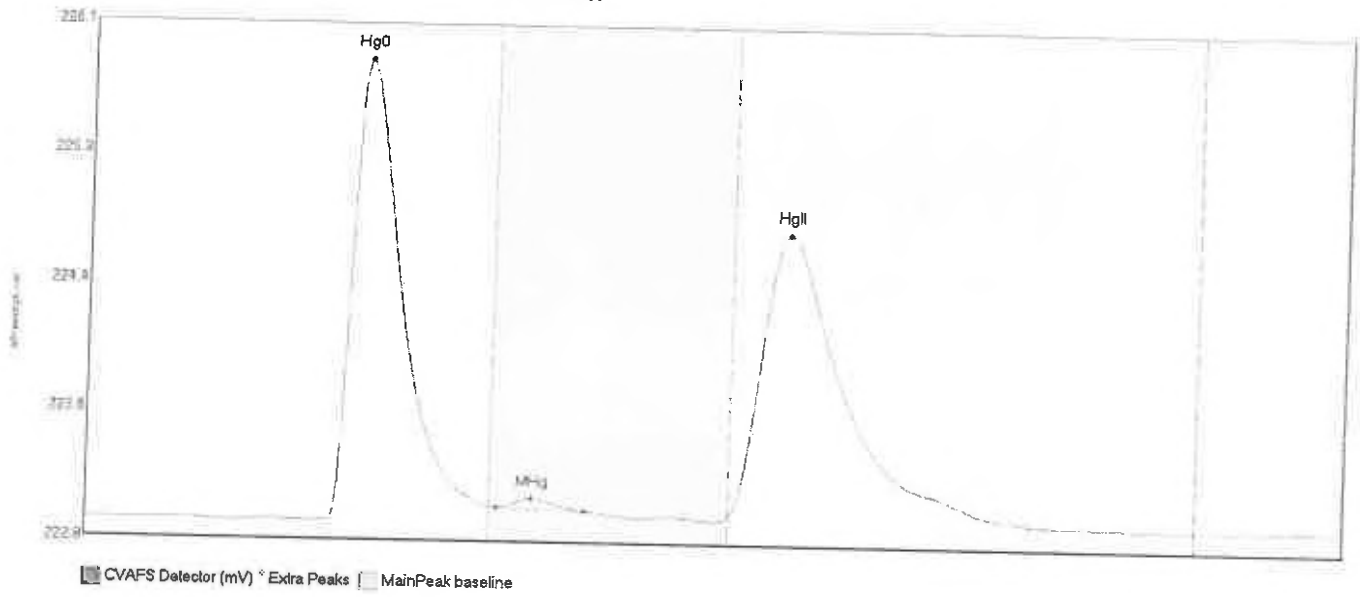
Sample	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
01/20/01 11:51:11	Hg0 274.339	36.8	80.0	222.89	222.98	55.2	2.548	CT	222.8832	0.00	0.02	000073-51
01/20/01 11:51:11	MHg 7.878	80.9	100.9	222.89	222.96	87.5	0.070	OK	222.8832	0.00	0.02	000073-51
01/20/01 11:51:11	HgII 169.622	127.5	182.3	222.93	222.93	139.4	0.964	OK	222.8832	0.00	0.02	000073-51

#148: 0100073-52



Name	Area	Start	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Signal	Comment
0100073-52 Hg0	321.869	47.1	80.0	222.90	223.00	55.2	2.975	CT	222.8904	0.00	0.00	F009425
0100073-52 MHg	7.170	81.9	100.1	222.98	222.98	89.0	0.071	OK	222.8904	0.00	0.00	F009425
0100073-52 HgI1	361.798	127.5	185.3	222.93	222.93	139.5	1.907	OK	222.8904	0.00	0.00	F009425

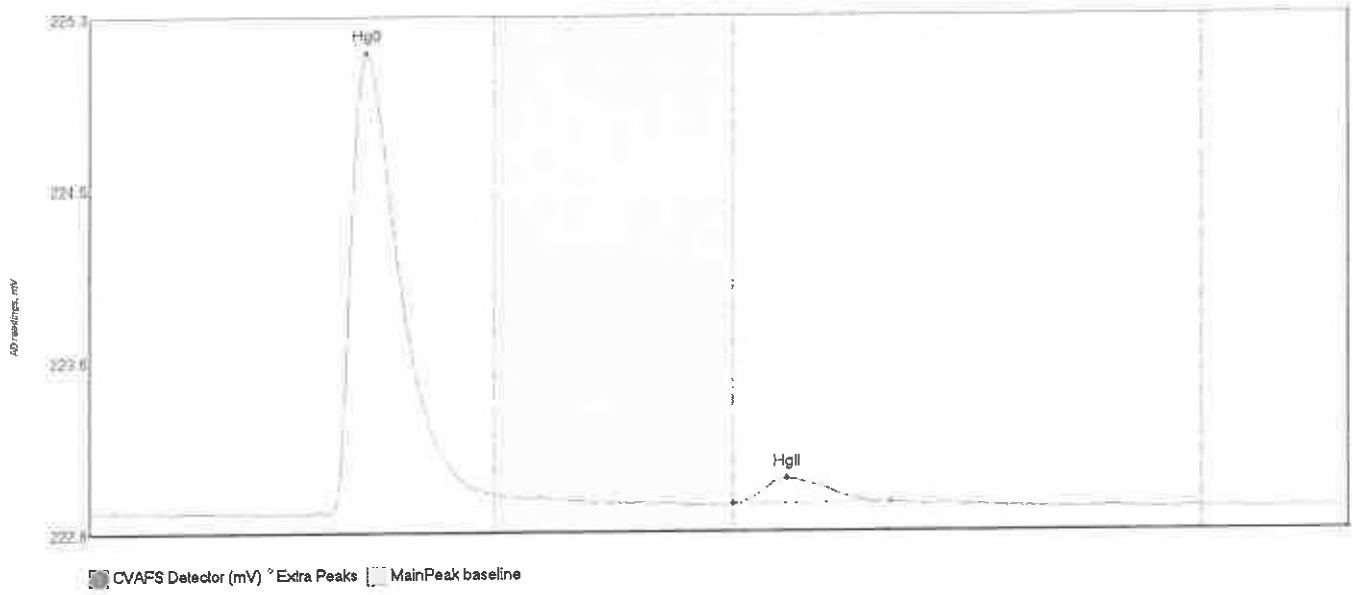
#149: 0100073-53



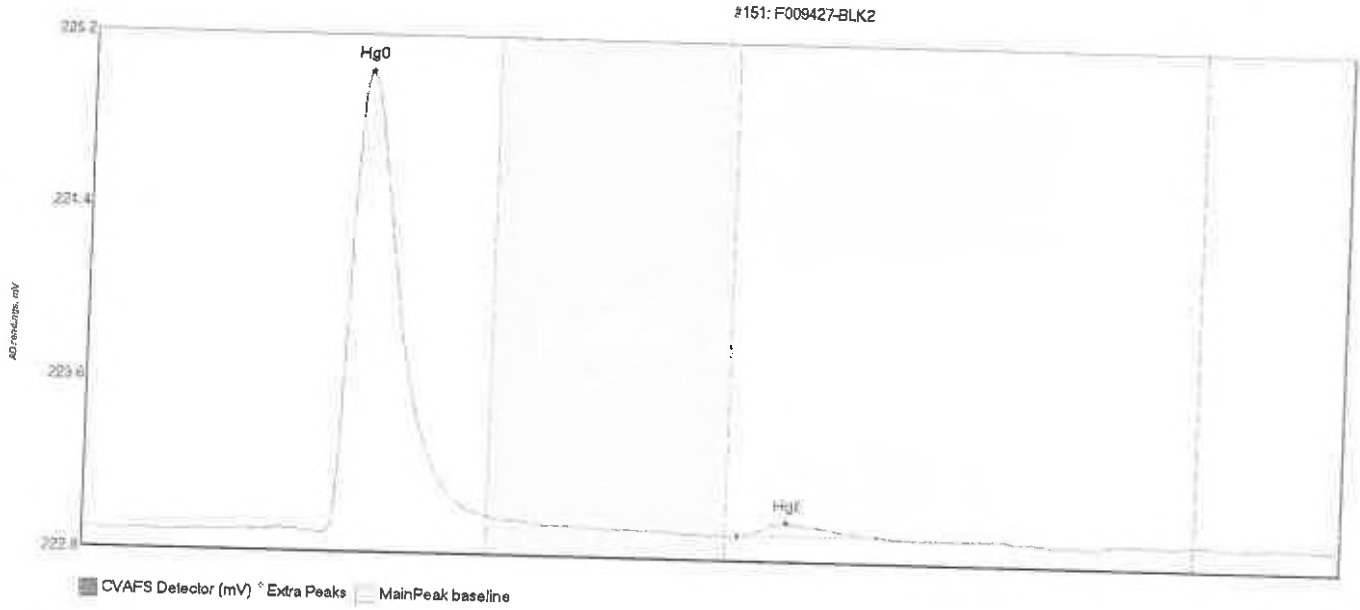
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift
0100073-53 Hg0	317.860	48.1	80.0	222.91	223.01	55.2	2.932	CT	222.9049	0.00	0.01
0100073-53 MHg	6.268	81.4	98.8	223.00	222.98	88.4	0.061	OK	222.9049	0.00	0.01
0100073-53 HgII	326.472	127.5	182.6	222.98	222.95	138.6	1.798	OK	222.9049	0.00	0.01

0100073-53
0100073-53
0100073-53

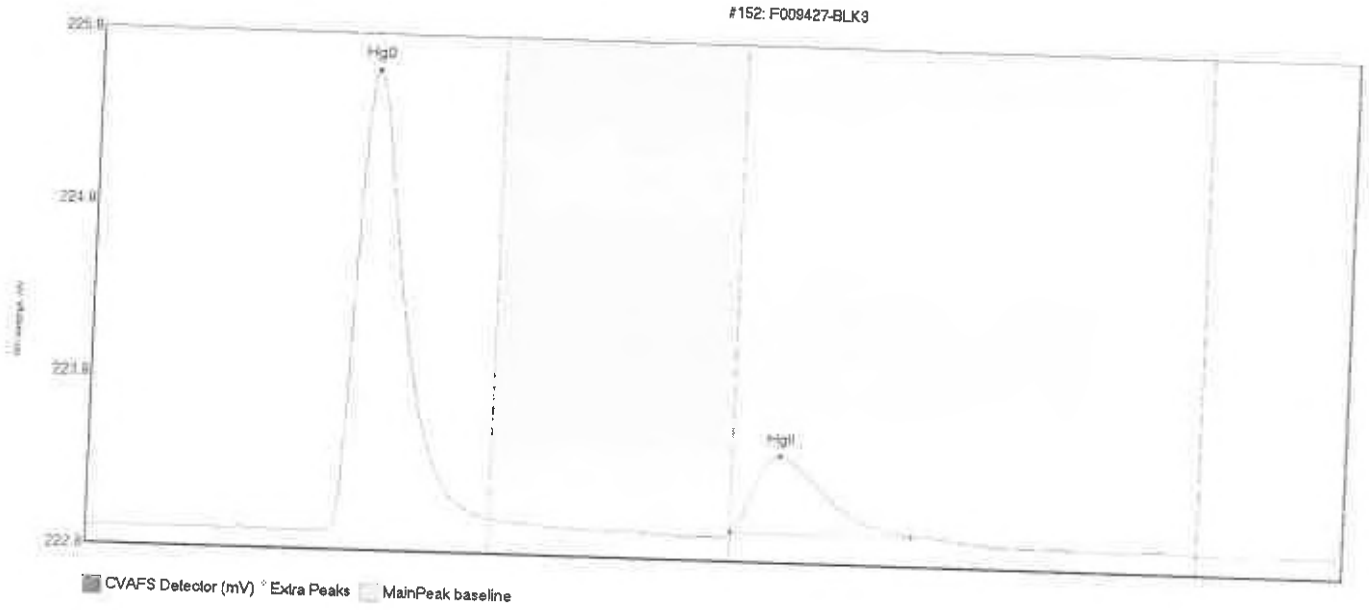
#150: F009425-BLK1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009425-BLK1 Hg	237.606	47.5	80.0	222.90	223.00	55.1	2.206	CT	222.9118	0.00	0.01	F009425
F009425-BLK1 Hg	16.800	127.5	158.2	222.94	222.94	137.9	0.119	OK	222.9118	0.00	0.01	F009425

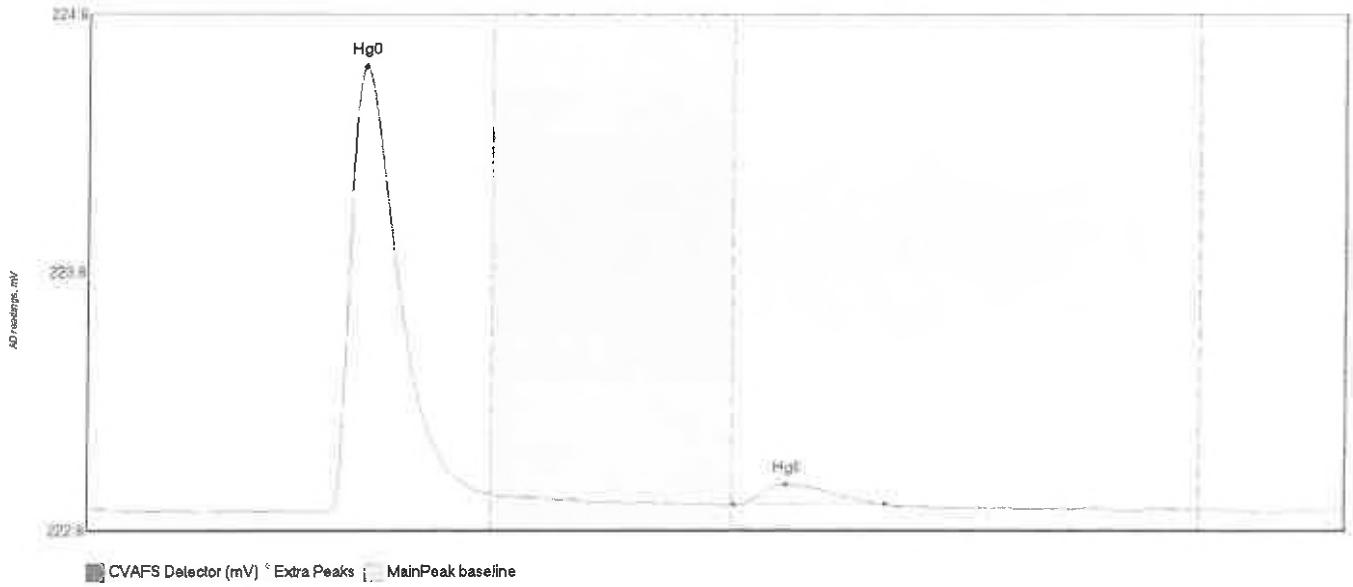


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009427-BLK2	224.060	47.4	80.0	222.91	222.99	55.2	2.079	CT	222.9171	0.00	0.00	F009427
F009427-BLK2	8.451	129.7	157.3	222.93	222.94	139.5	0.065	OK	222.9171	0.00	0.00	F009427

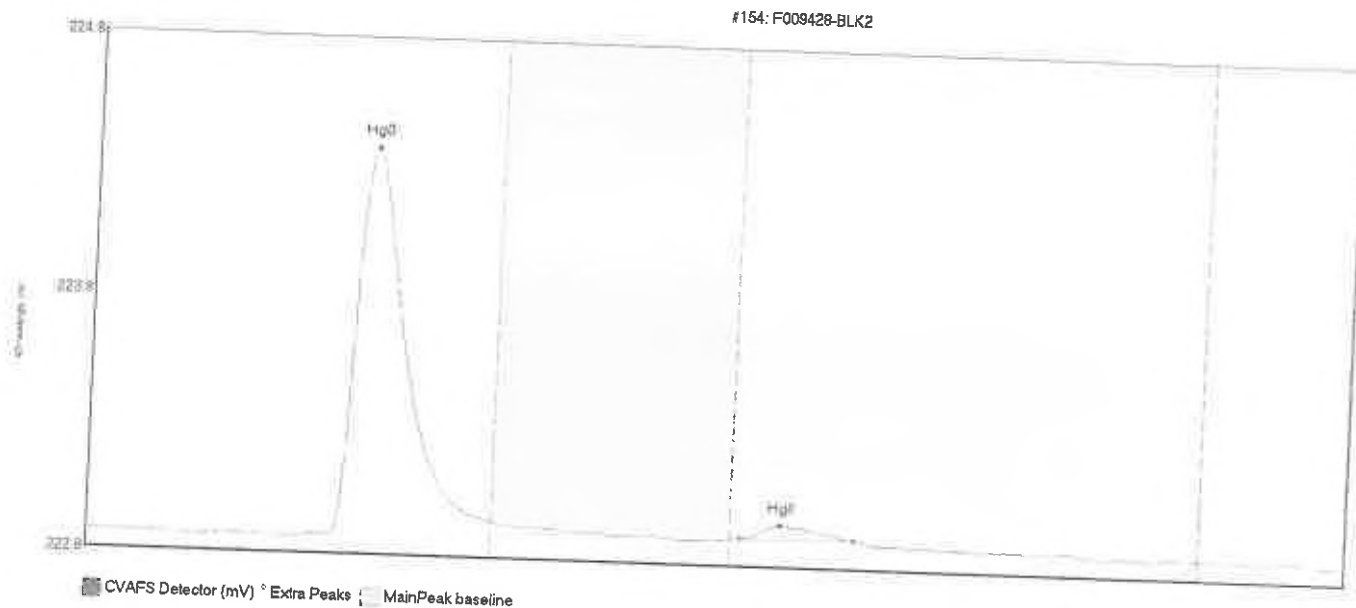


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	Shift	Comment
F009427-BLK3	Hg 292.679	47.6	80.0	222.92	223.01	55.1	2.714	CF	222.9122	0.90	0.01	F009427
F009427-BLK3	Hg 72.941	127.5	163.6	222.97	222.98	136.9	0.461	OK	222.9122	0.00	0.01	F009427

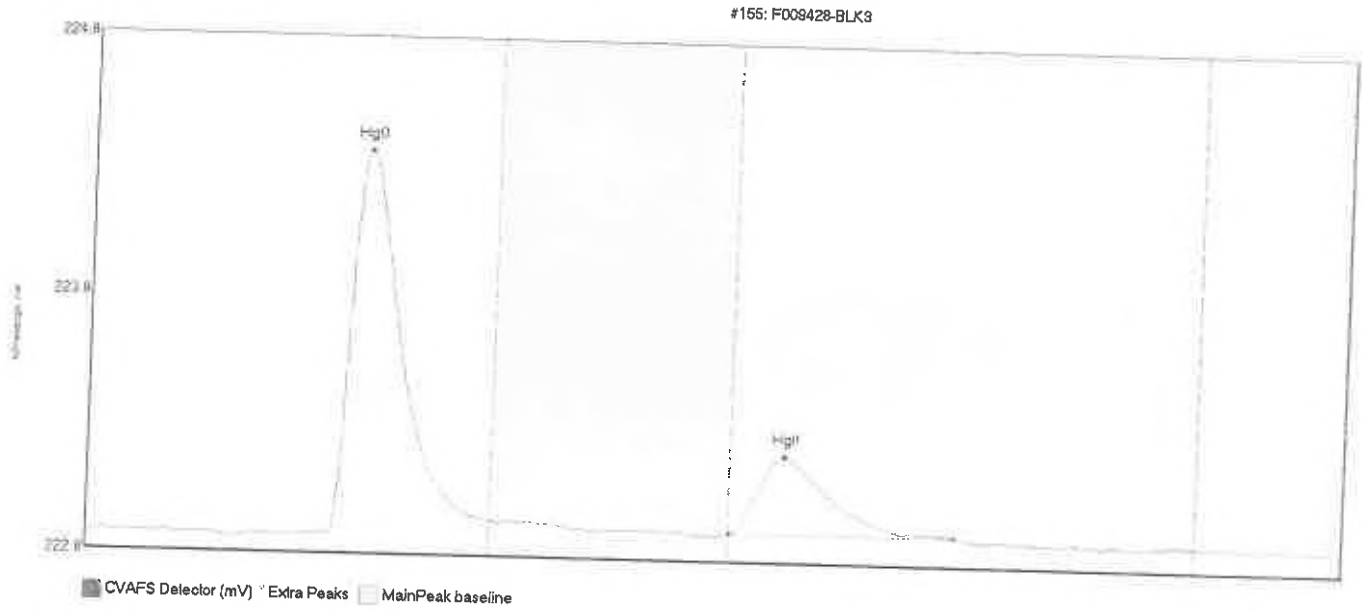
#159: F009428-BLK1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-BLK1	Hg 185.348	47.3	80.0	222.91	222.99	55.1	1.723	CT	222.9269	0.00	0.00	F009428
F009428-BLK1	Hg 12.404	127.8	157.7	222.91	222.94	138.1	0.080	OK	222.9269	0.00	0.00	F009428

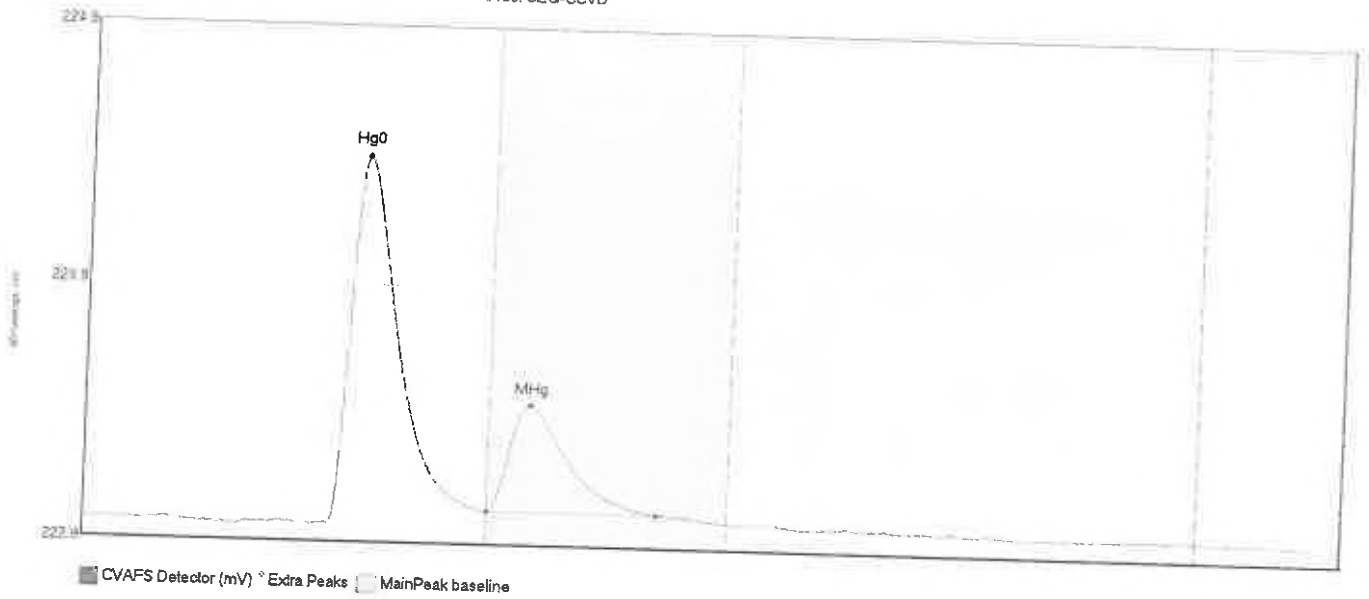


Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
Hg 160.255	48.2	80.0	222.93	222.99	55.1	1.492	CT	222.9624	0.00	0.00	F009428
Hg 6.348	129.5	151.7	222.96	222.96	137.1	0.056	OK	222.9624	0.00	0.00	F009428



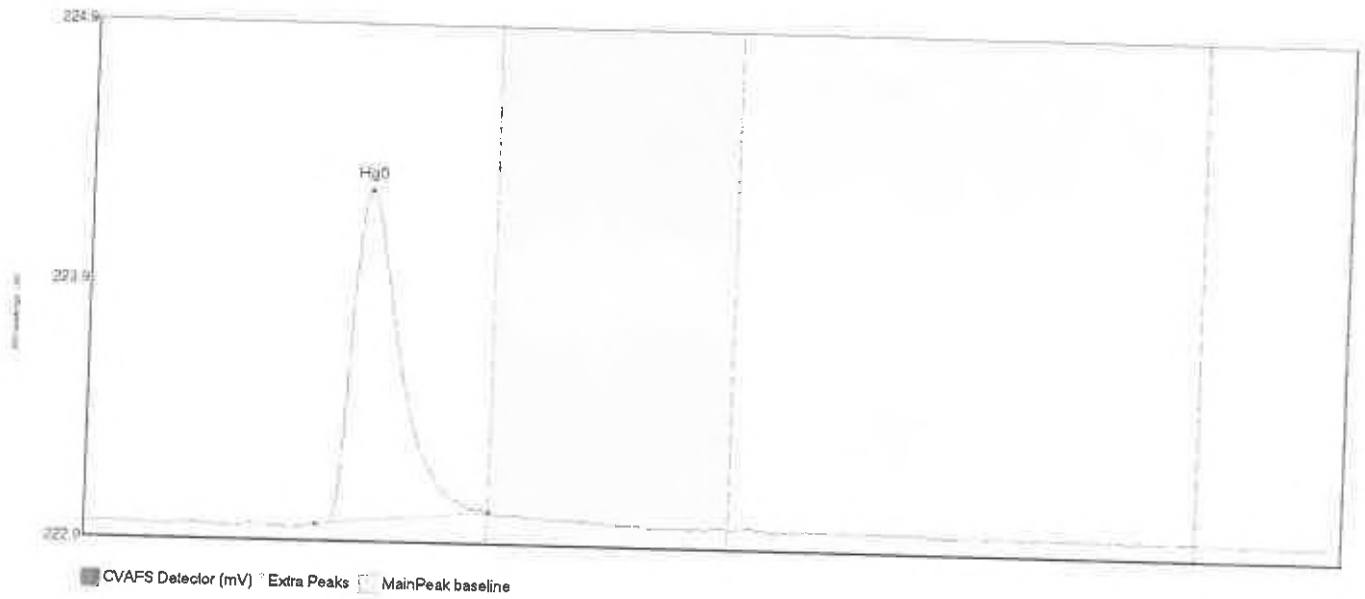
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-BLK3 Hg	159.504	47.7	80.0	222.92	222.98	54.9	1.483	CT	222.9212	0.00	0.01	F009428
F009428-BLK3 Hg	48.173	127.5	172.0	222.96	222.96	138.2	0.301	OK	222.9212	0.00	0.01	F009428

#156: SEQ-CCVD



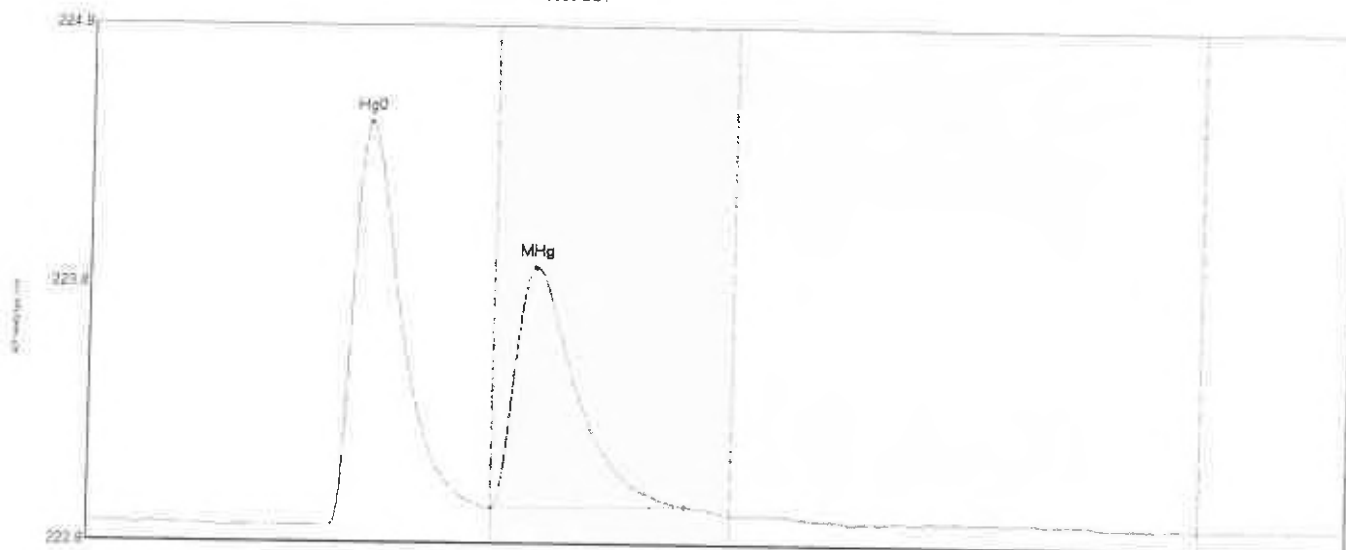
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	B1Shift	Comment
SEQ-CCVD Hg0	152.623	48.2	79.8	222.93	222.98	55.1	1.417	OK	222.9304	0.00	-0.01	
SEQ-CCVD MHg	53.246	80.0	113.3	222.98	222.98	88.1	0.413	OK	222.9304	0.00	-0.01	

#157: SEQ-CCBD



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBD	137.857	45.9	80.0	222.92	222.98	55.2	1.292	CT	222.9223	0.00	0.00	

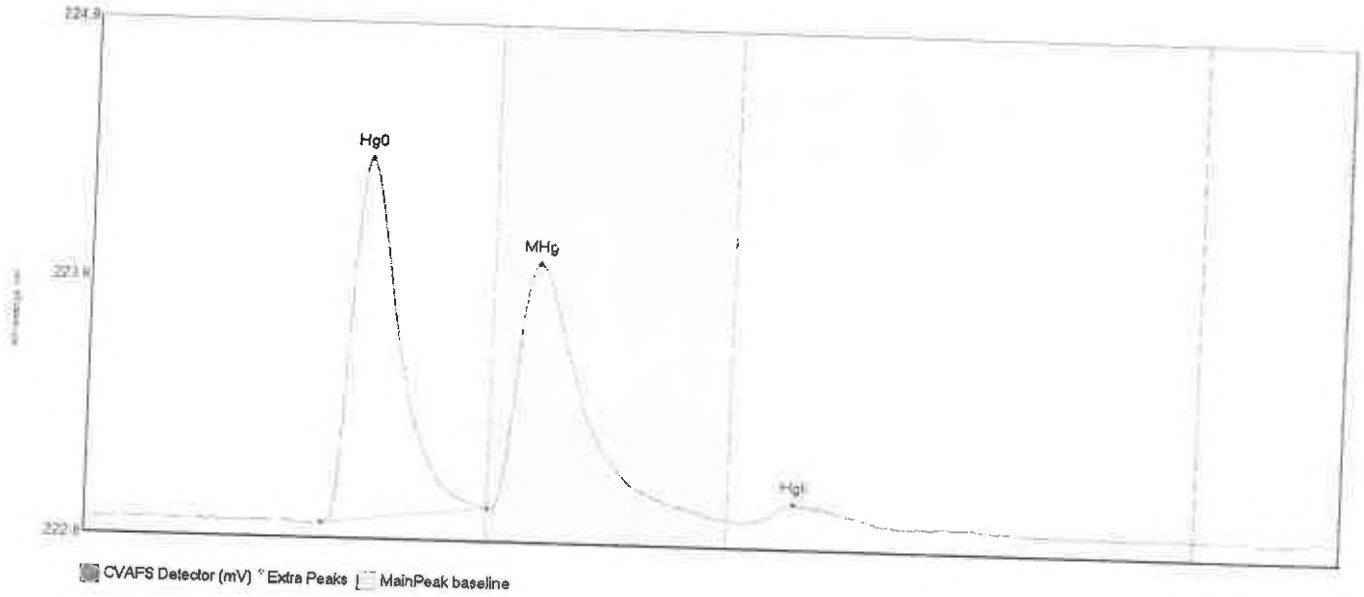
#158: F009389-BS1



CVAFS Detector (mV) Extra Peaks MainPeak baseline

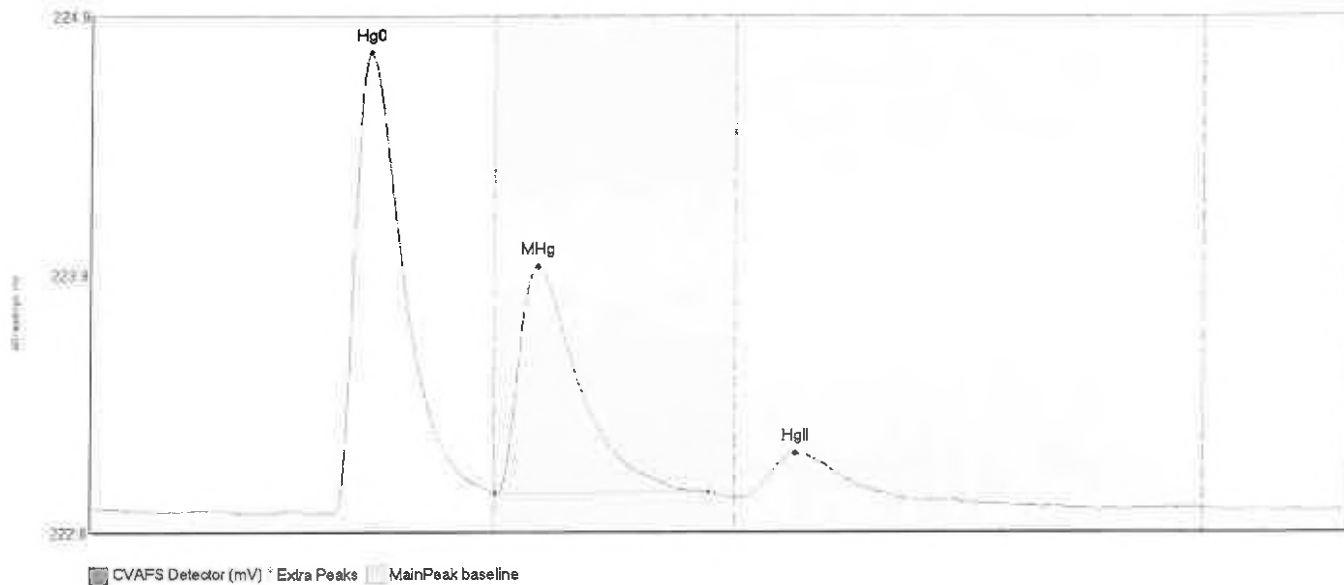
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0 167.630	48.1	79.6	222.92	222.98	55.3	1.550	OK	222.9173	0.90	0.08	F009389
MHg 128.165	80.0	118.4	222.98	222.99	88.1	0.930	OK	222.9173	0.00	0.00	F009389

#159: F009389-BSD1



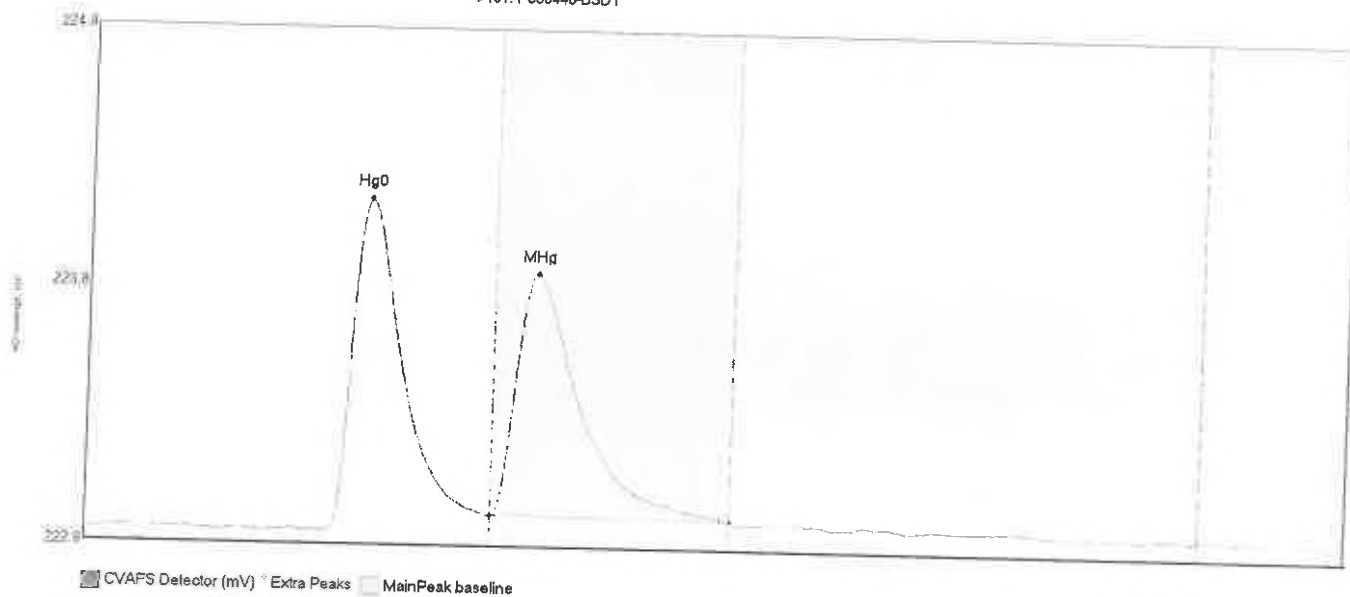
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009389-BSD1	Hg	47.1	80.0	222.90	222.97	55.2	1.412	CT	222.9141	0.00	0.00	F009389
F009389-BSD1	MHg	80.4	124.2	222.97	222.96	89.1	0.955	OK	222.9141	0.00	0.00	F009389
F009389-BSD1	Hg	10.971	131.3	222.94	222.94	140.6	0.076	OK	222.9141	0.00	0.00	F009389

#160: F009443-BS1

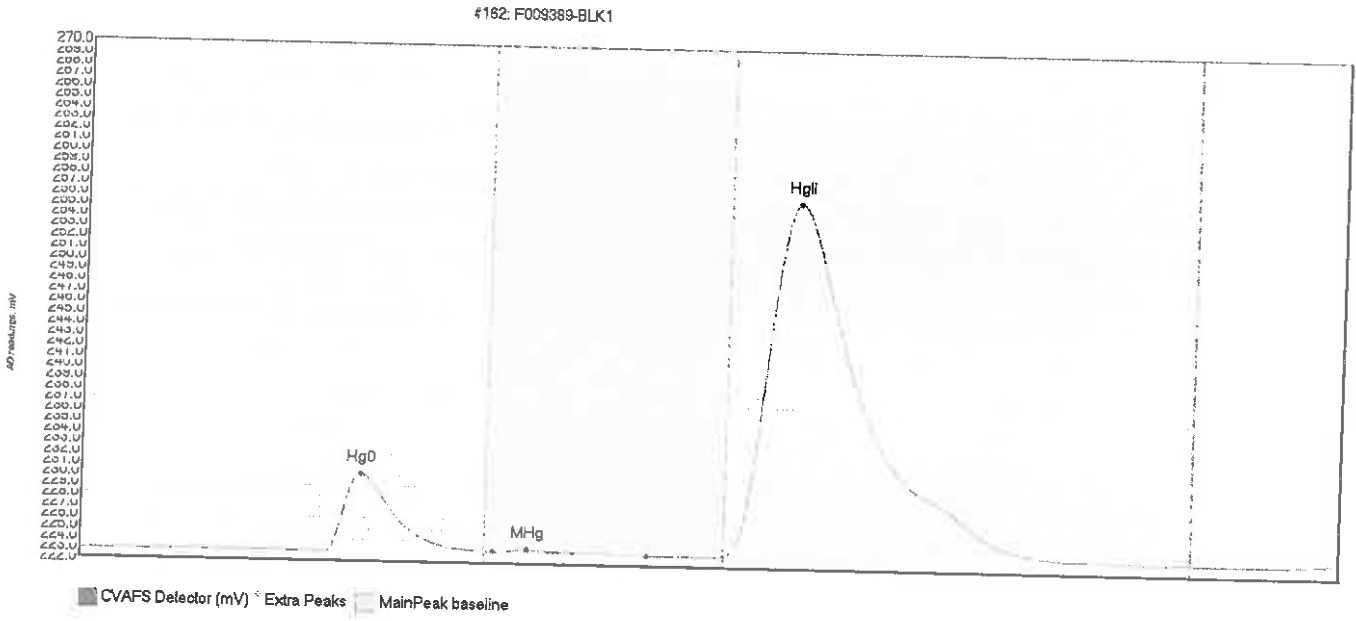


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Width	Comment
F009443-BS1 Hg0	202.749	48.2	80.0	222.90	222.96	55.5	1.854	CT	222.9118	0.00	0.52	F009443
F009443-BS1 MHg	125.562	80.4	122.4	222.97	222.98	88.7	0.916	OK	222.9118	0.00	0.93	F009443
F009443-BS1 HgI	26.930	129.4	160.9	222.96	222.97	139.4	0.176	OK	222.9118	0.00	0.40	F009443

#161: F009443-BSD1

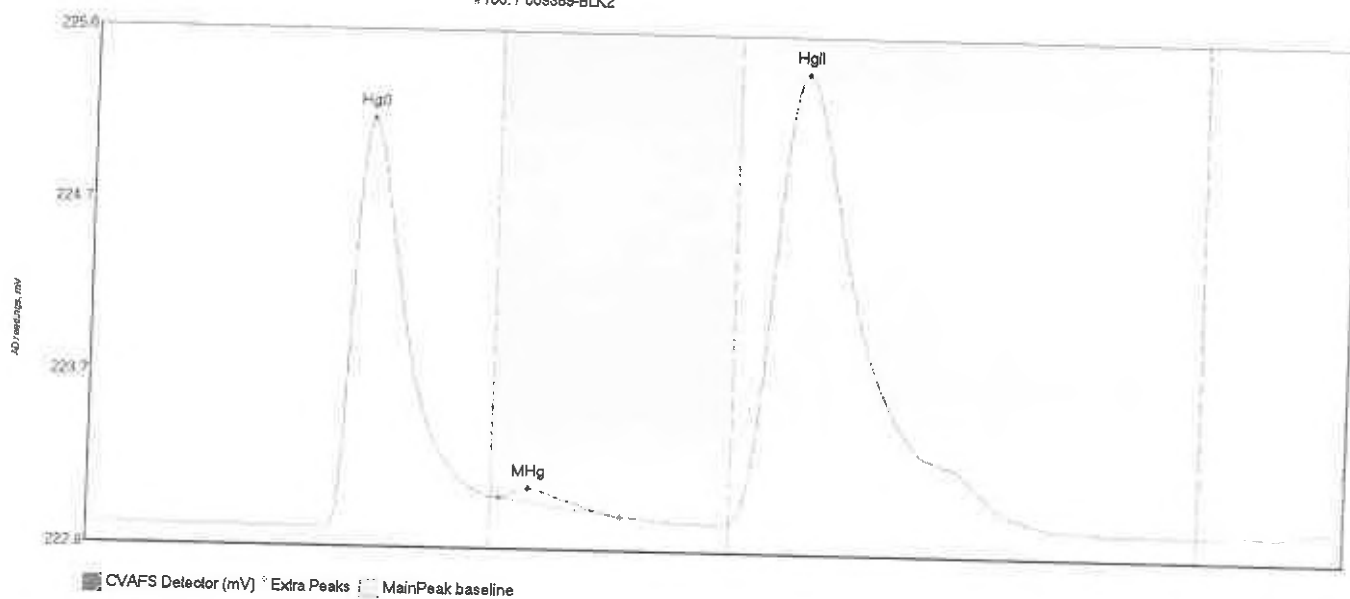


Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	
Hg 140.296	45.9	79.9	222.90	222.96	55.3	1.280	OK	222.8971	0.00	0.01	
MHg 134.733	80.0	127.5	222.96	222.96	88.4	0.934	CT	222.8971	0.00	0.01	



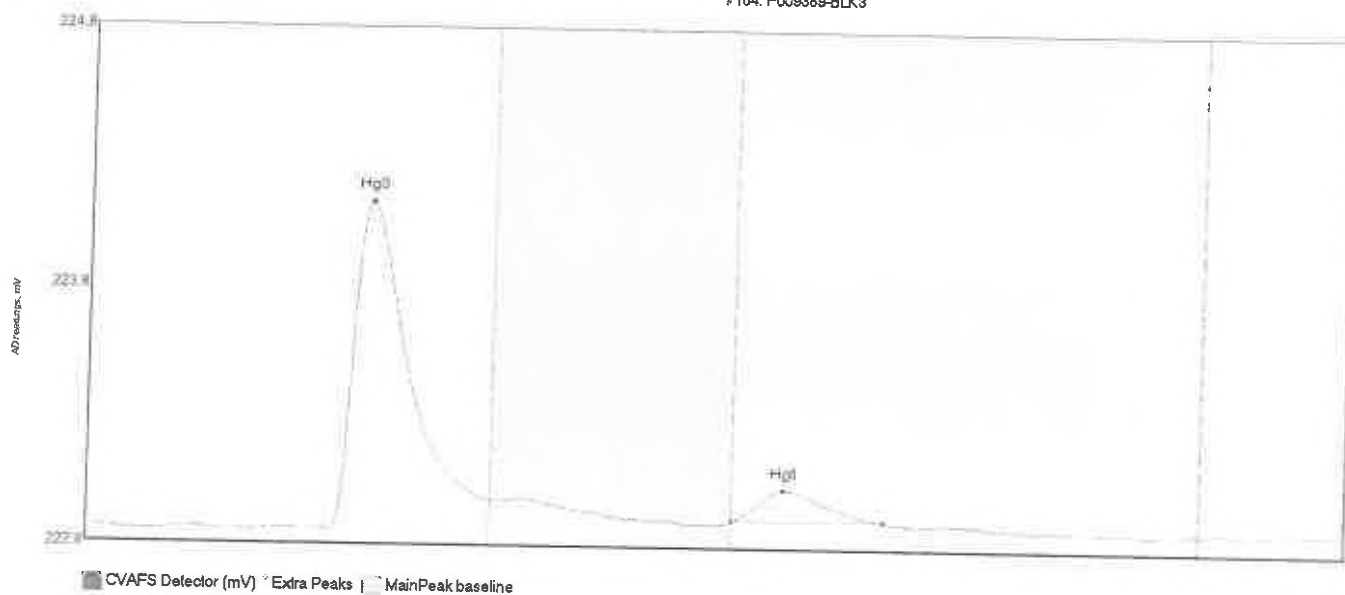
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment	
F009389-BLK1	Hg	783.976	47.7	80.0	222.90	223.11	55.4	7.208	CT	222.9058	0.00	0.39	F009389
F009389-BLK1	MHg	27.983	81.8	112.2	223.09	222.98	88.5	0.214	OK	222.9058	0.00	0.39	F009389
F009389-BLK1	Hg	6908.514	127.5	212.4	223.09	223.07	141.1	32.730	OK	222.9058	0.00	0.39	F009389

#169: F009389-BLK2



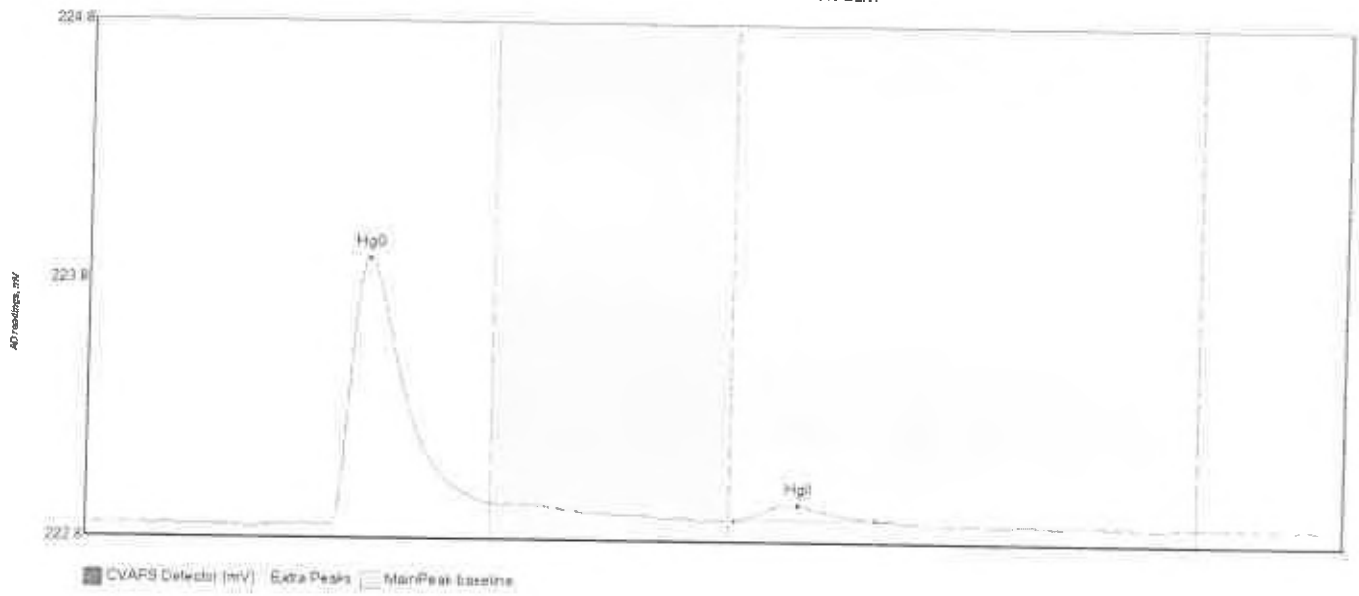
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RT(M)	Shift	Comment
F009389-BLK2 Hg	247.270	47.8	60.0	222.92	223.09	55.4	2.175	CT	222.9202	47.8	0.06	F009389
F009389-BLK2 MHg	8.644	81.6	105.8	223.08	222.99	87.4	0.052	OK	222.9202	81.6	0.06	F009389
F009389-BLK2 Hg	480.659	127.5	187.5	222.97	222.98	140.9	2.402	OK	222.9202	127.5	0.06	F009389

#164: F009389-BLK3



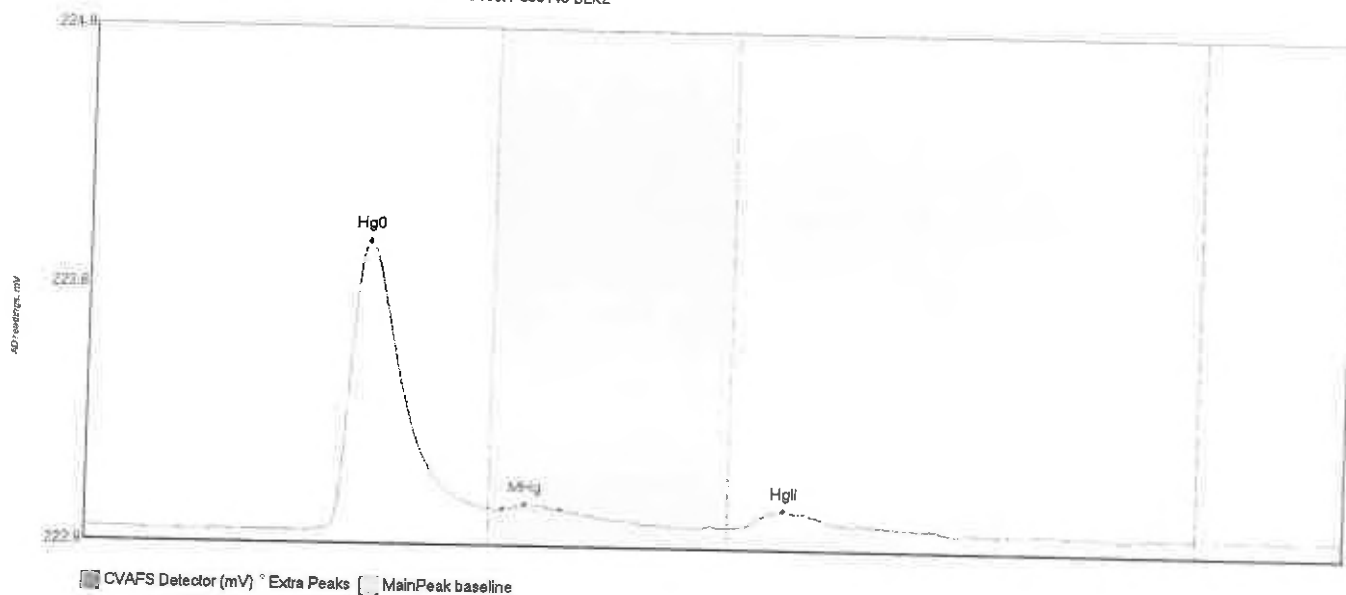
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Shift	Comment
F009389-BLK3 Hg	146.897	47.4	80.0	222.90	223.02	55.6	1.267	CT	222.9026	0.02	
F009389-BLK3 Hg	17.997	127.5	157.6	222.95	222.95	137.6	0.122	OK	222.9026	0.02	

#165: F009443-BLK1



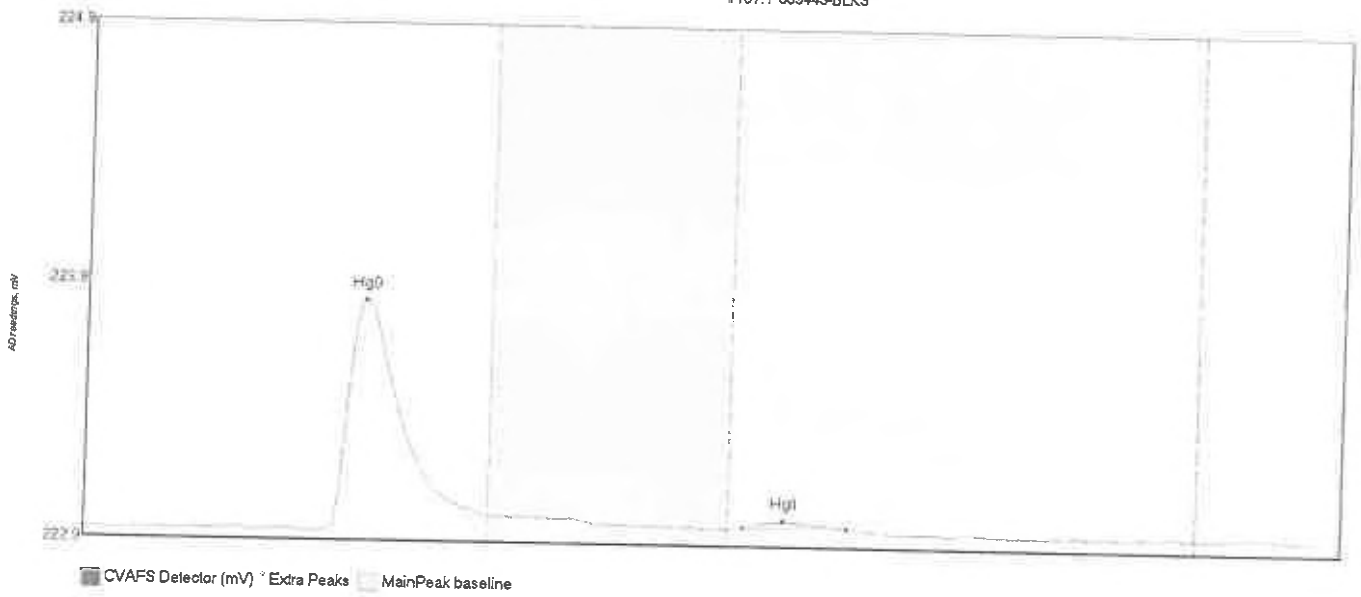
Nm	Area	Start Time	EndTime	Start	End	Peak	Max	PeakHeight	Flags	Baseline	BlCov	BlShift	Comment
F009443-BLK1	Hg	47.7	80.0	222.90	222.98	50.0		1.029	CT	222.9001	0.00	0.00	F009443
F009443-BLK1	Hg	128.4	156.4	222.90	222.90	140.0		0.062	OK	222.9001	0.00	0.00	F009443

#166: F009443-BLK2

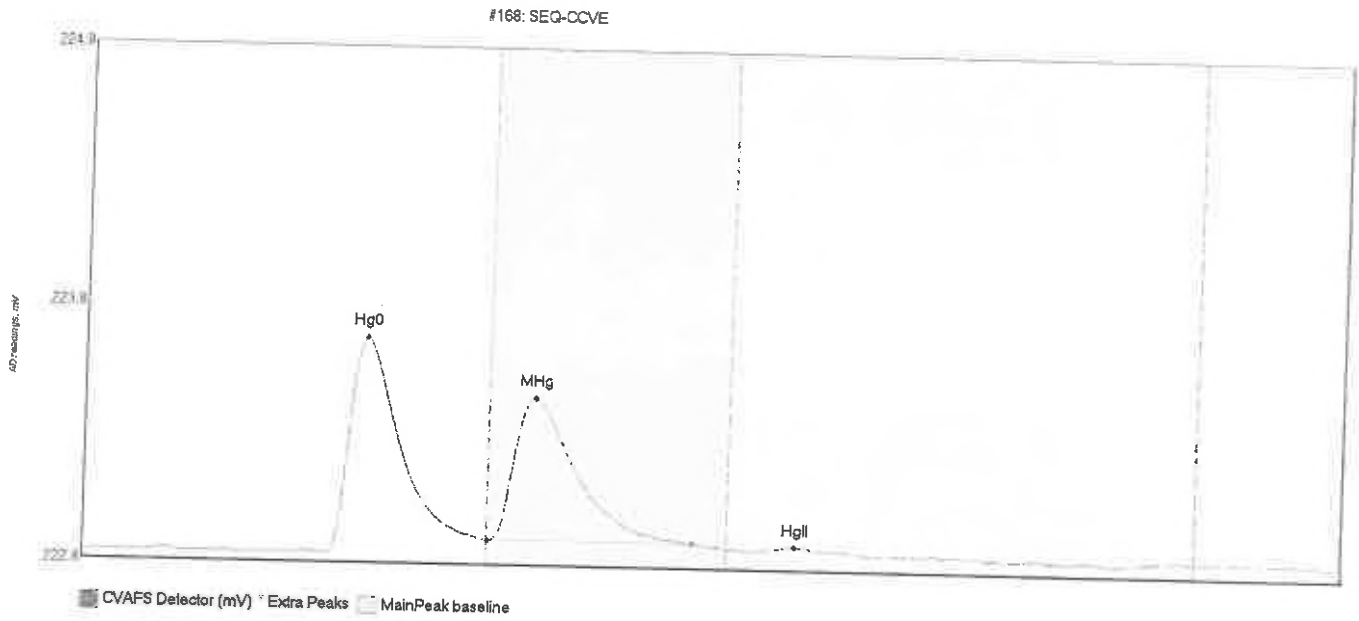


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009443-BLK2 Hg	123.143	46.6	80.0	222.90	222.99	55.5	1.116	CT	222.9009	0.00	0.01	F009443
F009443-BLK2 MH	1.132	82.8	94.1	222.99	222.99	87.1	0.017	OK	222.9009	0.00	0.01	F009443
F009443-BLK2 Hg	8.375	130.3	159.3	222.93	222.94	138.4	0.066	OK	222.9009	0.00	0.01	F009443

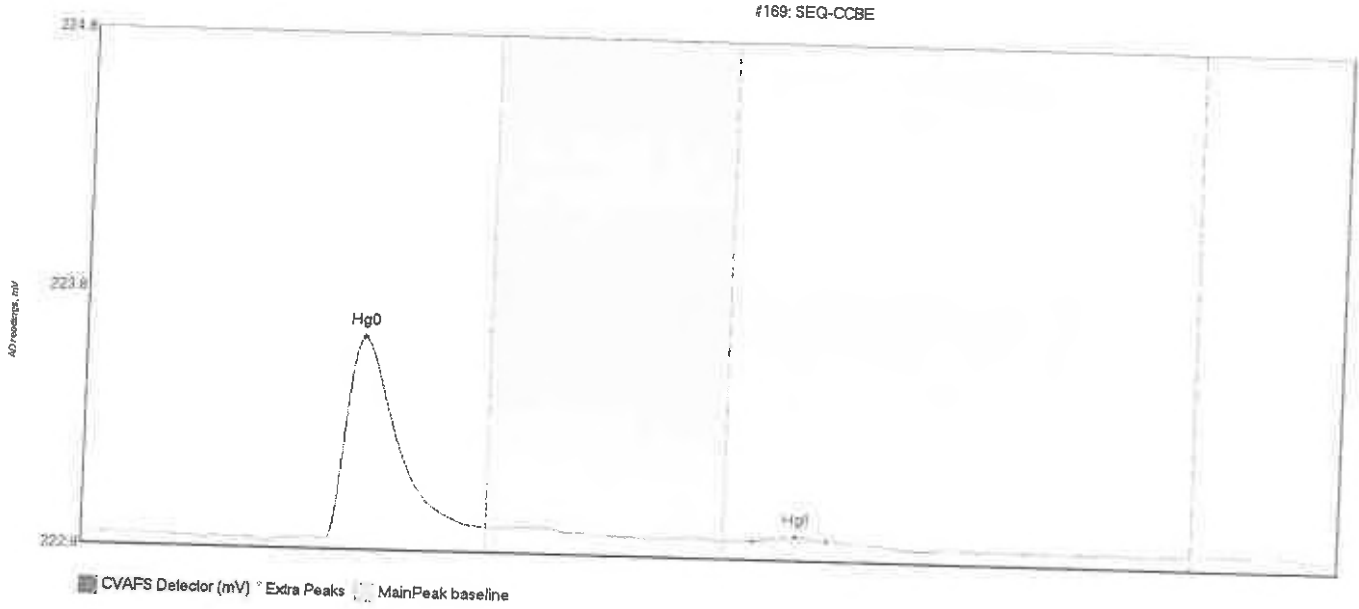
#167: F009443-BLK3



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
F009443-BLK3 Hg	100.641	48.1	79.7	222.89	222.95	55.3	0.891	OK	222.8897	0.00	F009443
F009443-BLK3 Hg	2.832	130.4	150.9	222.92	222.93	138.3	0.027	OK	222.8897	0.00	F009443

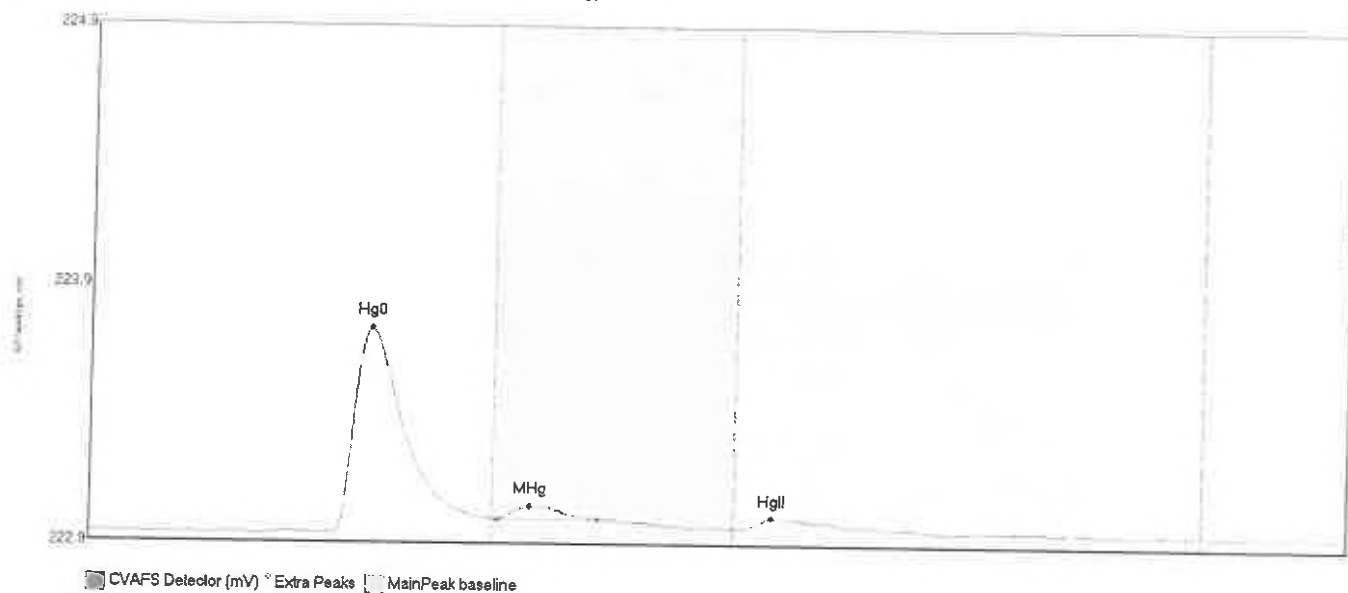


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RiDev	BlShift	Comment
SEQ-CCVE Hg0	93.553	48.0	80.0	222.89	222.95	55.6	0.834	CT	222.8838	0.00	0.01	
SEQ-CCVE MHg	76.960	80.1	120.6	222.95	222.95	89.2	0.552	OK	222.8838	0.00	0.01	
SEQ-CCV: HgII	0.636	136.9	145.5	222.93	222.93	140.3	0.010	OK	222.8830	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBE Hg0	84.365	49.3	79.8	222.89	222.94	55.4	0.777	OK	222.8896	0.00	0.00	
SEQ-CCBE HgII	1.418	133.1	147.8	222.92	222.92	141.7	0.020	OK	222.8896	0.00	0.00	

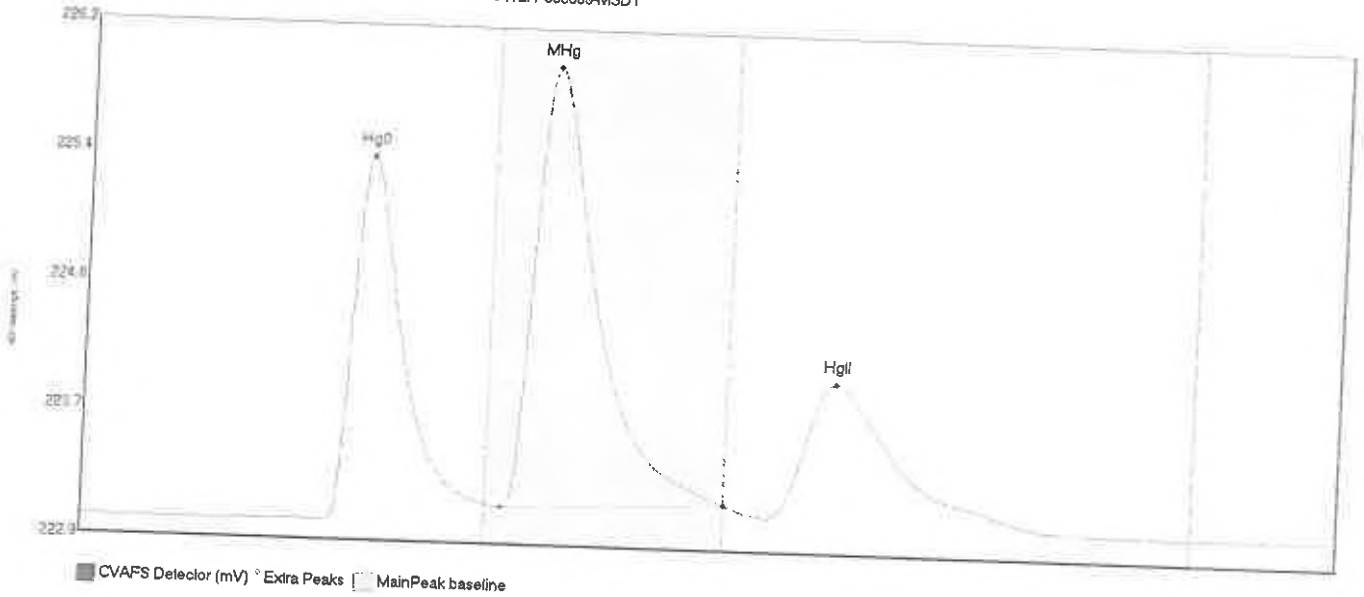
#170: 000043-21



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Column
0100043-21 Hg0	86.412	48.0	80.0	222.89	222.95	55.5	0.790	CT	222.8886	0.00	0.01	000043-21
0100043-21 MHg	5.632	81.1	100.6	222.94	222.95	87.5	0.052	OK	222.8886	0.00	0.01	000043-21
0100043-21 HgII	6.290	129.1	159.7	222.91	222.92	134.9	0.043	OK	222.8886	0.00	0.01	000043-21

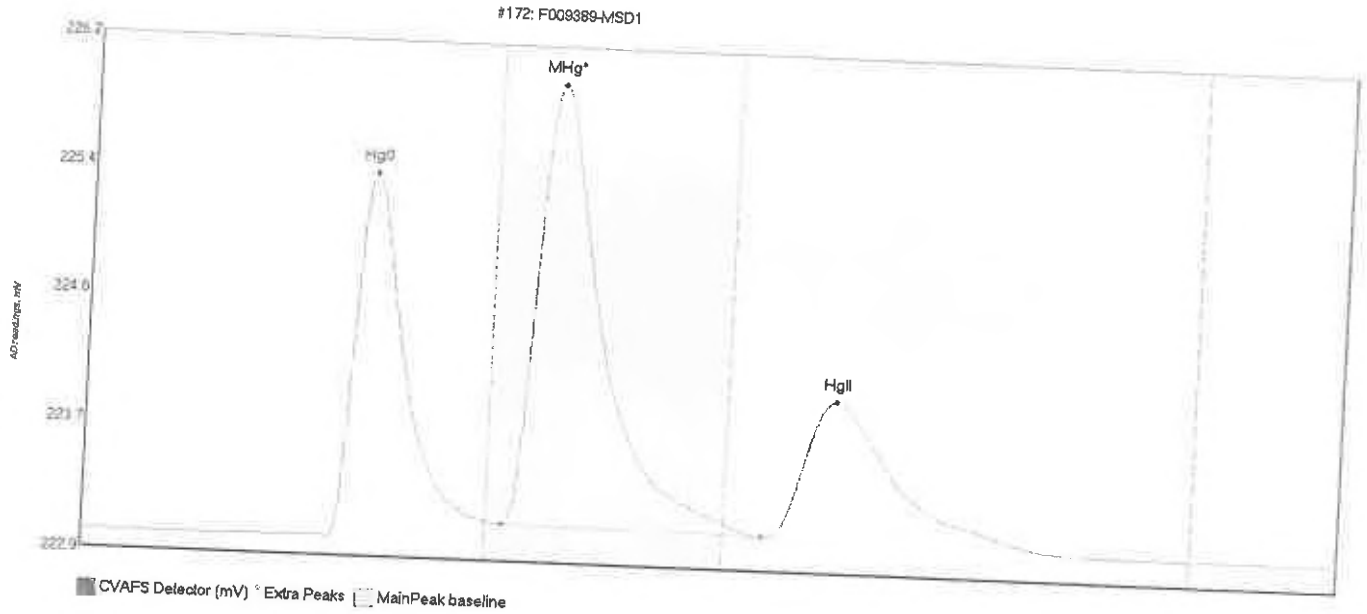
line 171 skipped due to computer crash, no data collected
 -ZKH 10/5/2020

#172: F008389-MSD1



D.N.R.
ZKH 10/5/2000

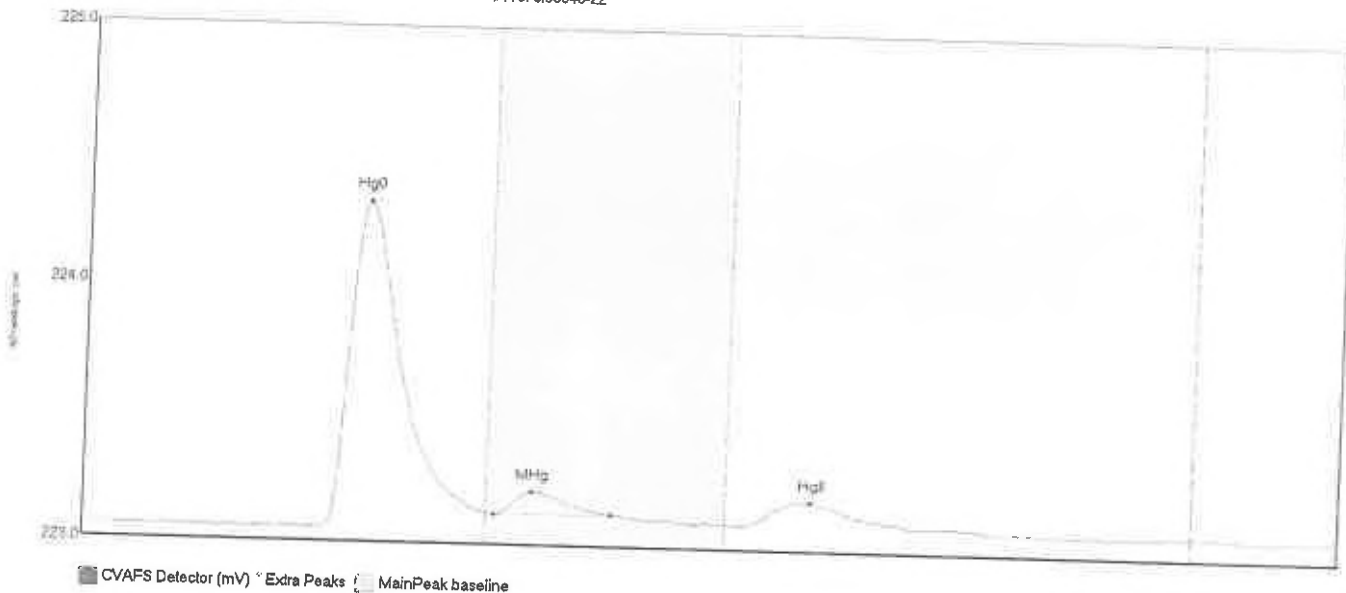
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
F009389-MSD1 Hg	251.554	48.6	80.0	223.02	223.14	55.9	2.350	CT	223.0141	0.00	0.05
F009389-MSD1 MH	405.176	83.2	127.5	223.13	223.18	92.3	2.859	CT	223.0141	0.00	0.05
F009389-MSD1 Hg	178.574	135.9	190.9	223.11	223.07	143.7	0.887	OK	223.0141	0.00	0.05



ave
M/S
10/5/2020

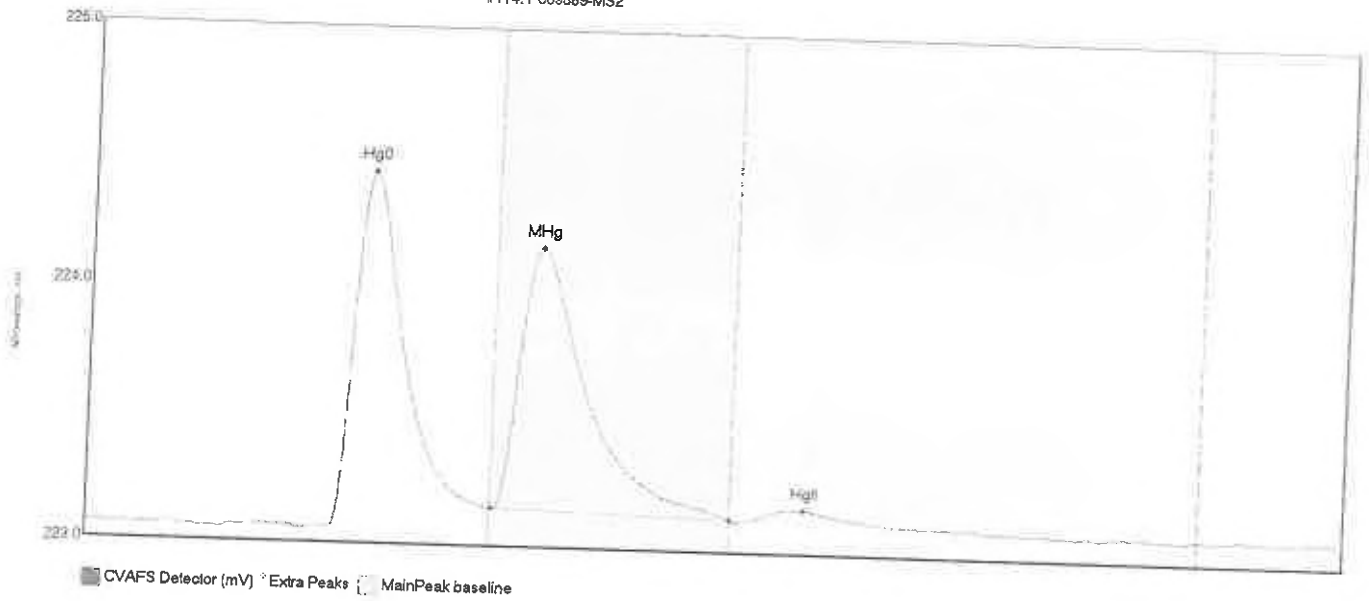
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B100%	B1Shift	Comment
F009389-MSD1 Hg	251.554	48.6	80.0	223.02	223.14	55.9	2.350	CT	223.0141	0.05	0.05	F009389
F009389-MSD1 MH	422.304	83.2	134.9	223.13	223.11	92.3	2.859	ED	223.0141	0.05	0.05	F009389
F009389-MSD1 Hg	178.574	135.9	190.9	223.11	223.07	148.7	0.807	OK	223.0141	0.05	0.05	F009389

#173: 0100043-22



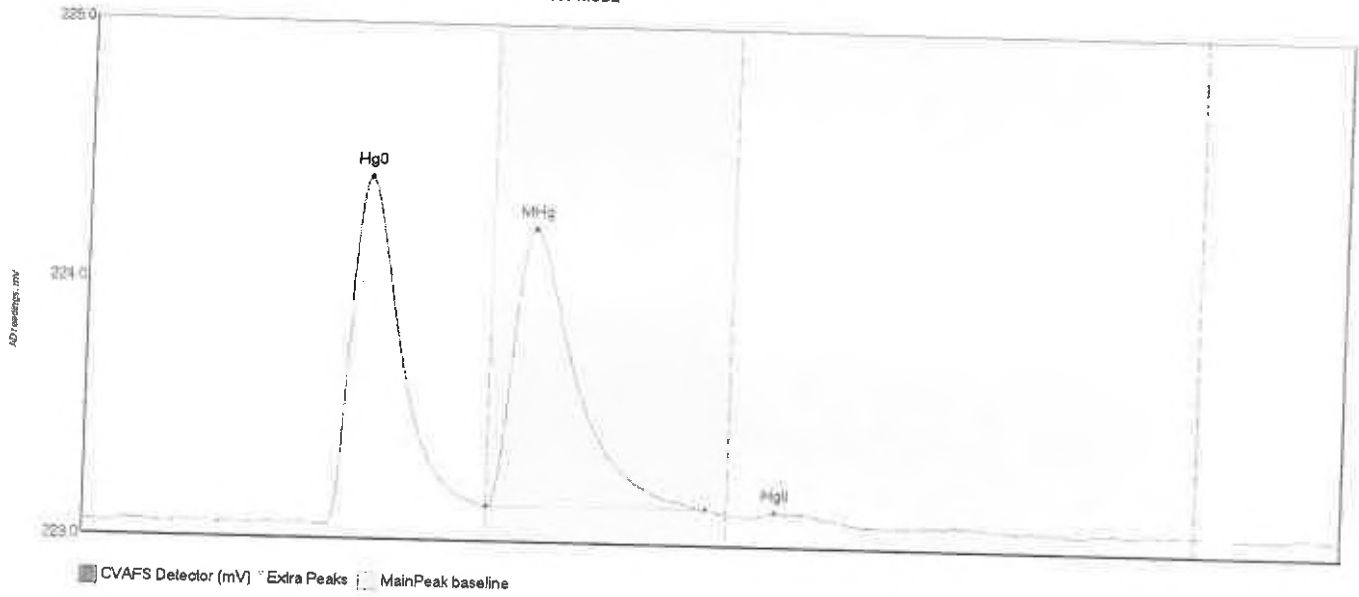
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Method	Comment
0100043-22 Hg0	140.881	47.5	80.0	223.03	223.10	55.7	1.256	CT	223.0329	0.00	0.00	F009389
0100043-22 MHg	10.140	81.6	104.8	223.09	223.10	89.1	0.092	OK	223.0329	0.00	0.00	F009389
0100043-22 HgII	15.153	132.3	164.3	223.07	223.07	144.4	0.092	OK	223.0329	0.00	0.00	F009389

#174: F009389-MS2



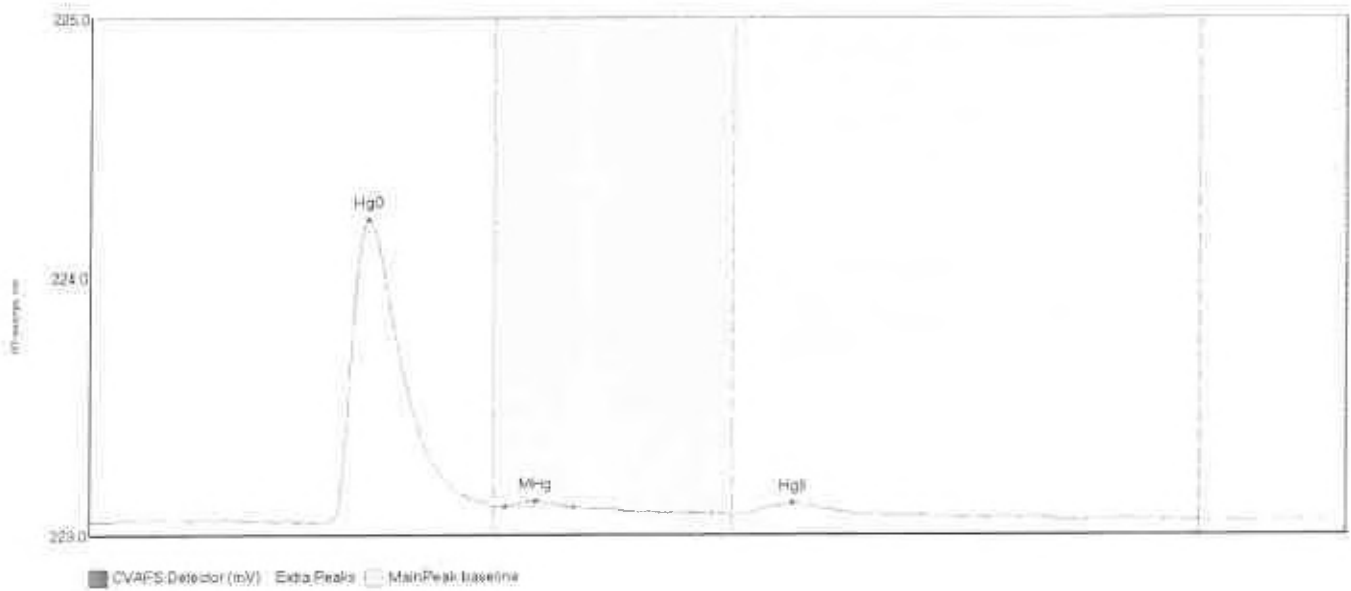
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009389-MS2 Hg0	150.474	46.5	79.9	223.03	223.12	55.6	1.372	OK	223.0390	0.00	0.02	F009389
F009389-MS2 MHg	152.436	80.2	127.5	223.12	223.10	88.9	1.010	CT	223.0390	0.00	0.02	F009389
F009389-MS2 HgI	6.237	131.6	155.1	223.10	223.10	142.0	0.046	OK	223.0390	0.00	0.02	F009389

#175: F009389-MSD2



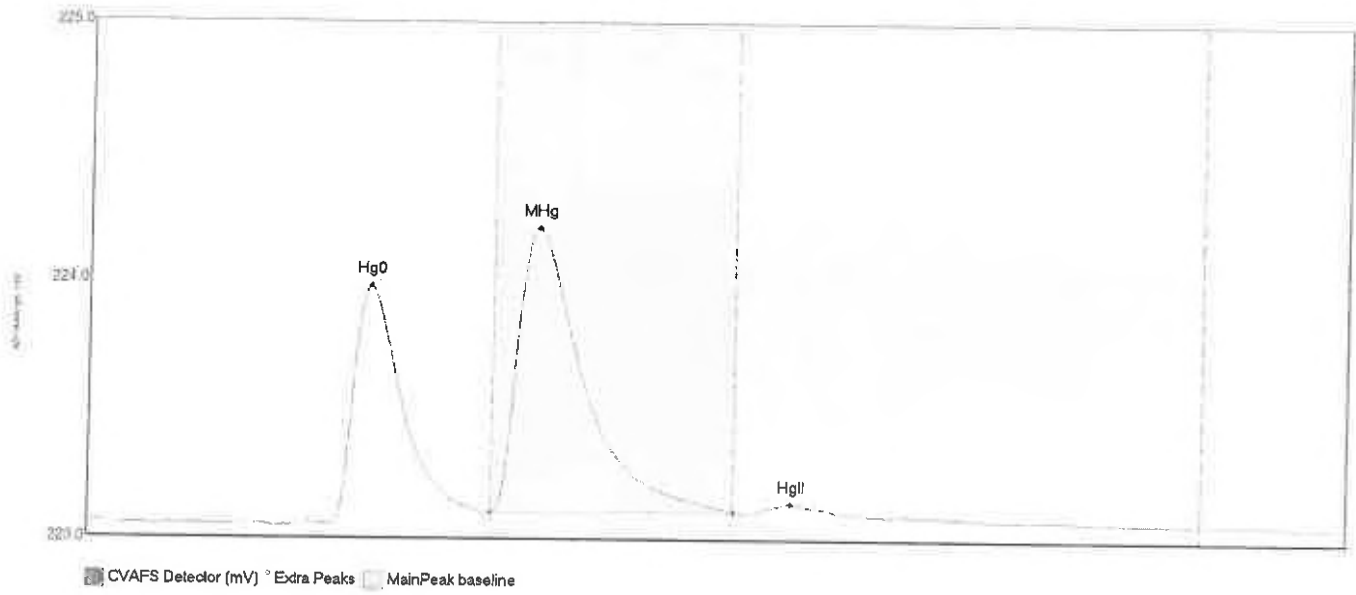
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	BI Dev	Integration	Comments
Hg	148.679	48.1	79.9	223.05	223.13	55.5	1.347	OK	223.097	0.00	0.00	000100
MHg	151.281	80.0	123.2	223.11	223.13	88.5	1.078	OK	223.107	0.00	0.00	000100
Hg	2.385	132.5	148.4	223.11	223.10	136.9	0.021	OK	223.107	0.00	0.00	000100

#176: 0100075-06



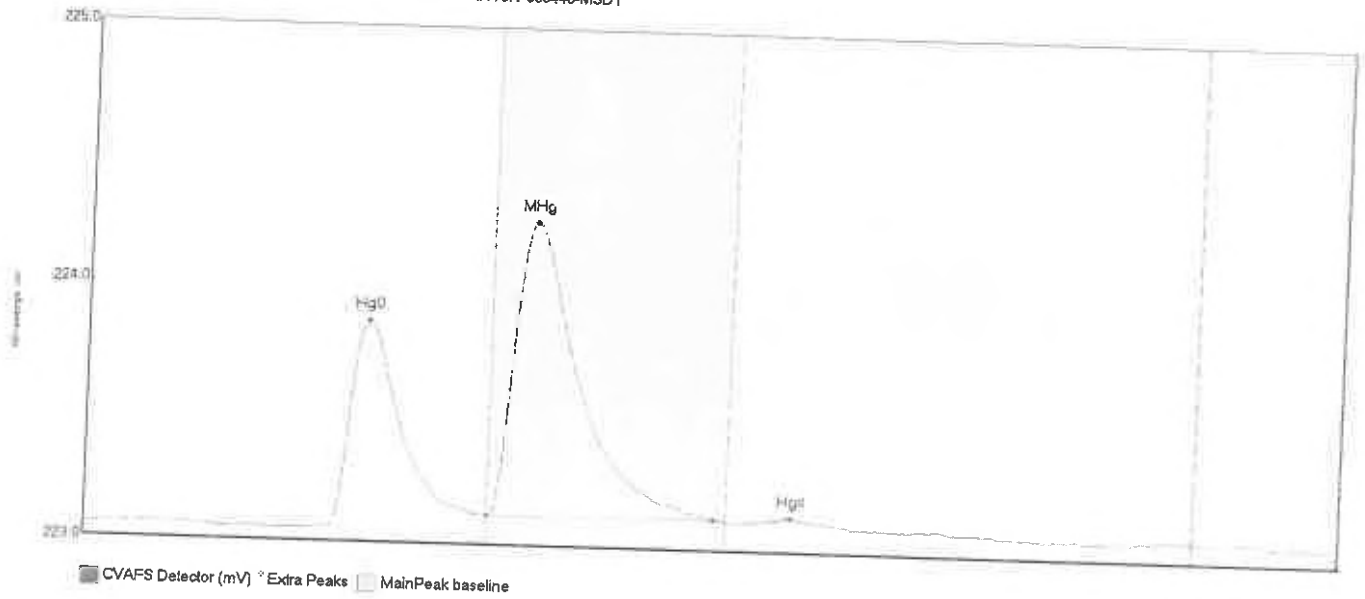
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100075-06 Hg0	129.862	46.0	79.9	223.04	223.11	55.4	1.174	OK	223.0452	0.00	0.01	F009443
0100075-06 MHg	1.880	82.3	95.8	223.10	223.10	88.3	0.019	OK	223.0452	0.00	0.01	F009443
0100075-06 HgII	4.092	129.7	150.7	223.08	223.08	139.2	0.038	OK	223.0452	0.00	0.01	F009443

#177: F009443-MS1



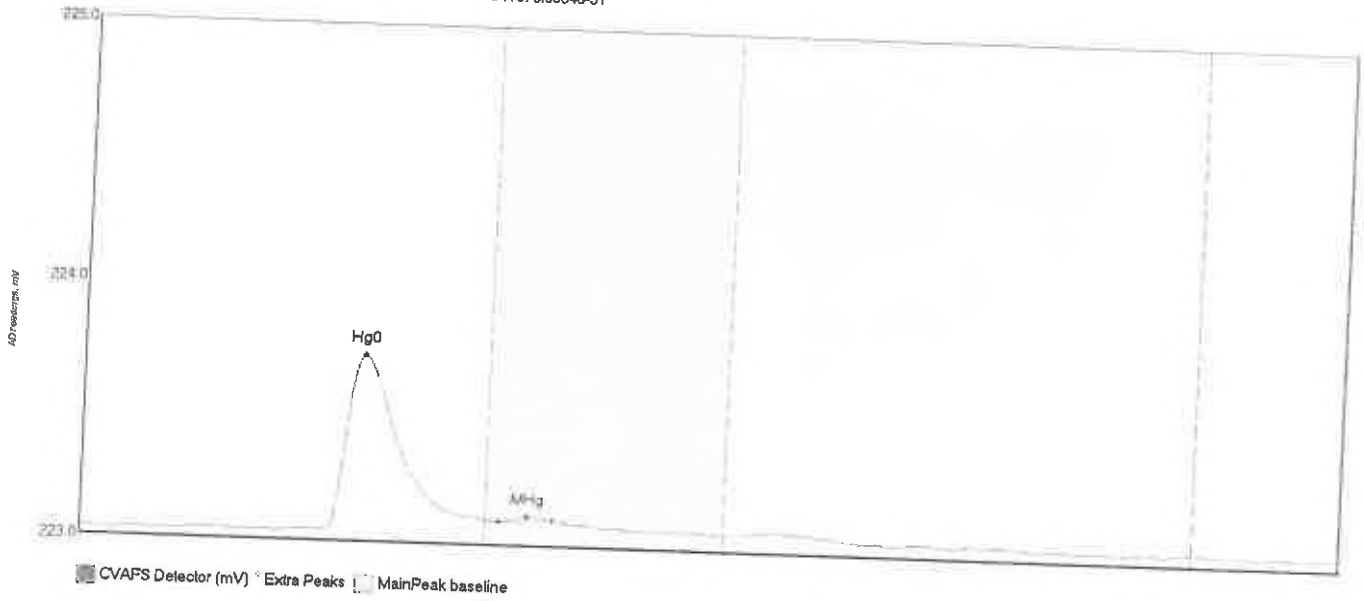
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlShift	Comment
F009443-MS1 Hg0	100.699	47.3	78.6	223.05	223.09	55.5	0.916	OK	223.0528	0.00	F009443
F009443-MS1 MHg	161.954	80.0	127.5	223.09	223.10	88.9	1.102	CT	223.0528	0.00	F009443
F009443-MS1 HgI	3.797	131.3	149.4	223.10	223.09	138.9	0.038	OK	223.0528	0.00	F009443

#178: F009443-MSD1



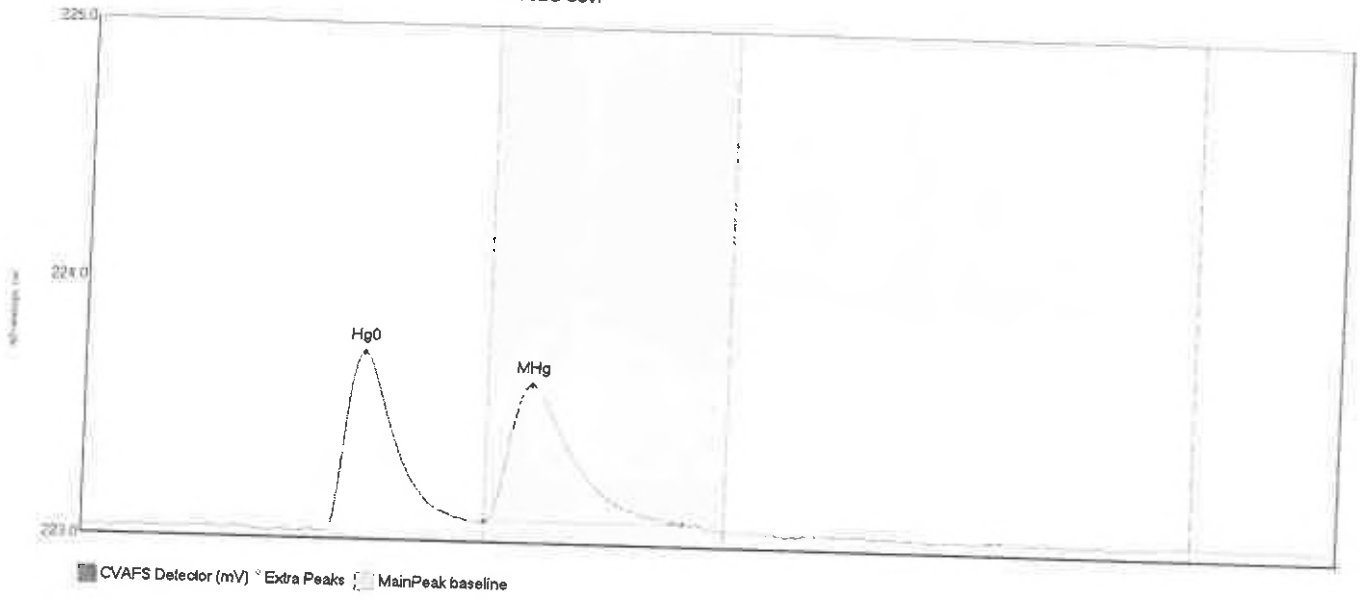
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
FC09443-MSD1 Hg	86.900	48.6	79.9	223.03	223.08	55.6	0.797	OK	223.0276	0.00	0.01	F009443
F009443-MSD1 MH	166.281	80.0	124.9	223.08	223.09	88.5	1.140	OK	223.0276	0.00	0.01	F009443
FC09443-MSD1 Hg	1.643	132.8	147.7	223.08	223.08	140.1	0.020	OK	223.0276	0.00	0.01	F009443

#179: 0100043-51



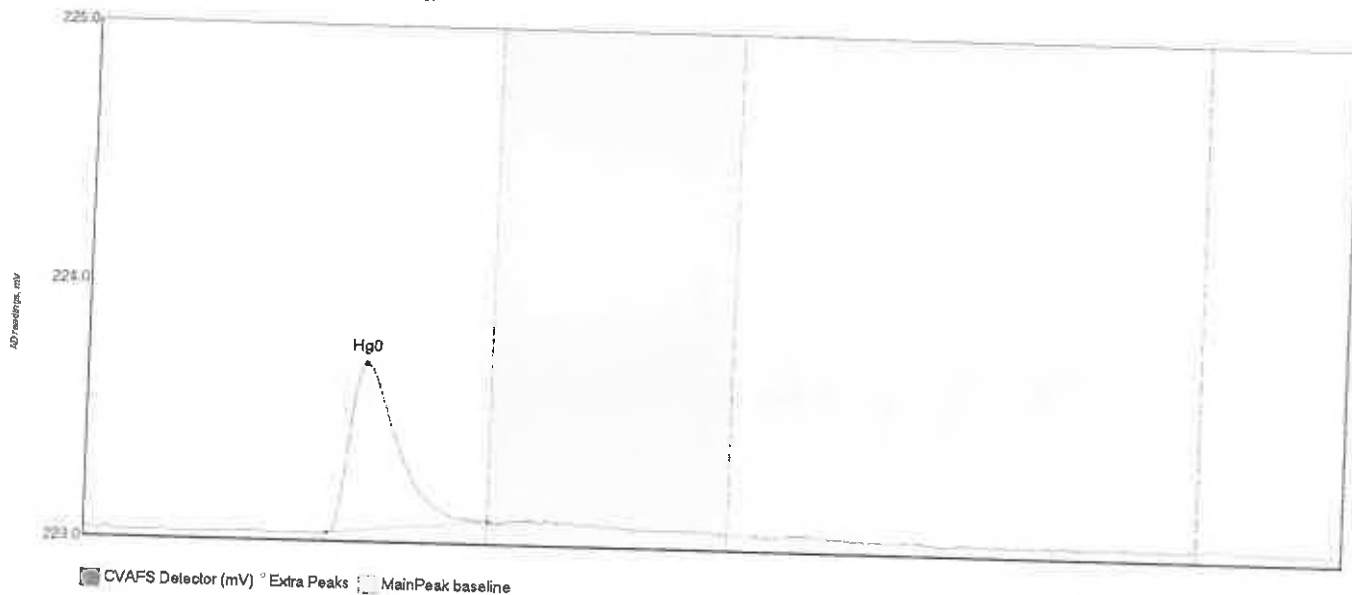
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Height	Comment
0100043-51 Hg0	73.303	40.7	80.0	223.01	223.07	55.6	0.681	CI	223.0052	0.00	0.00	0.00
0100043-51 MHg	1.112	82.8	93.2	223.06	223.07	88.3	0.025	OK	223.0052	0.00	0.00	0.00

#180: SEQ-CCVF



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCVF Hg0	75.749	47.6	79.4	223.00	223.05	55.5	0.698	OK	222.9994	0.00	0.00	
SEQ-CCVF MHg	76.340	80.0	119.1	223.05	223.05	88.7	0.537	OK	222.9994	0.00	0.00	

#181: SEQ-CCBF

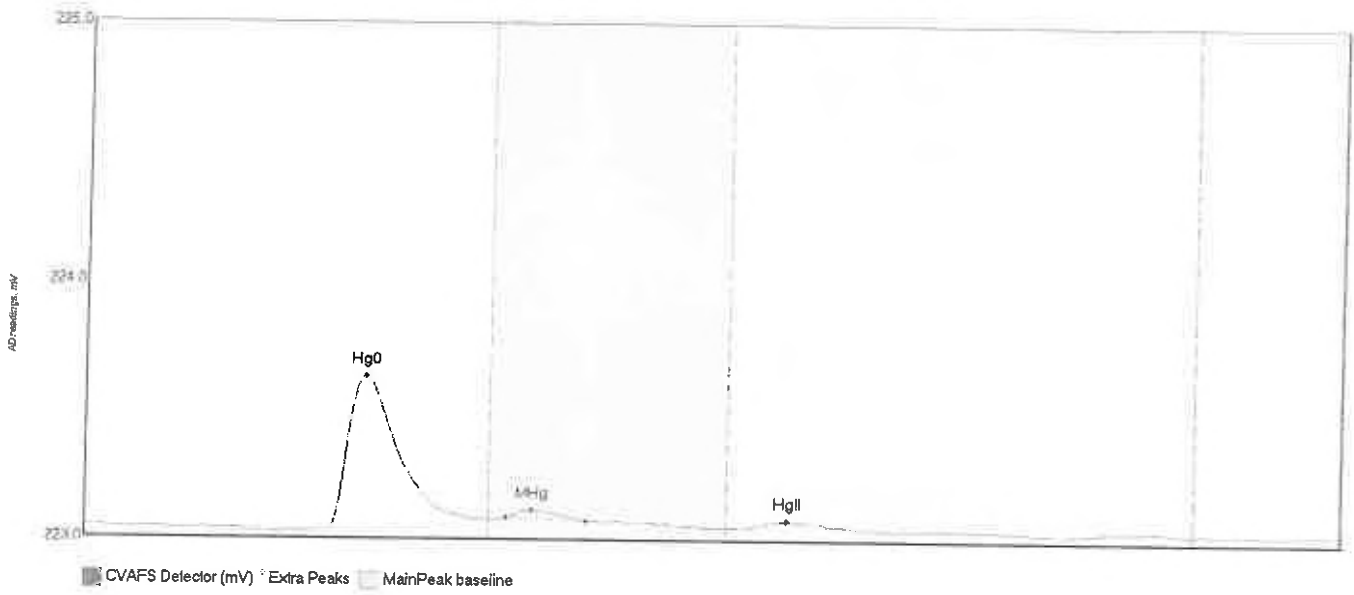


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Baseline	BIDev	Height	Width	Comment
SEQ-CCBF	70.962	48.2	80.0	222.99	223.05	55.4	0.658	222.9979	0.00	0.658	0.211	



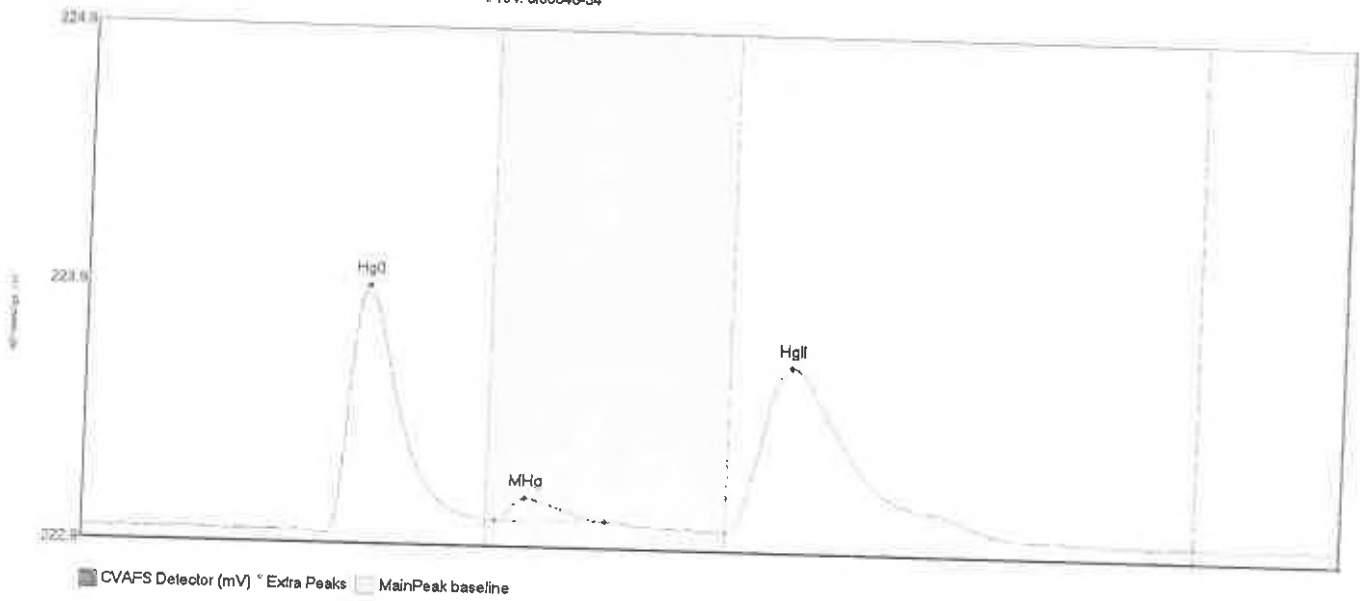
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-52 Hg0	70.412	48.3	78.7	222.99	223.03	55.4	0.652	OK	223.0008	0.00	-0.02	F009389
0100043-52 MHg	2.873	82.4	97.0	223.03	223.04	89.4	0.933	OK	223.0008	0.00	-0.02	F009389
0100043-52 HgII	1.056	134.4	148.8	223.01	223.01	141.6	0.016	OK	223.0008	0.00	-0.02	F009339

#183: 000043-53



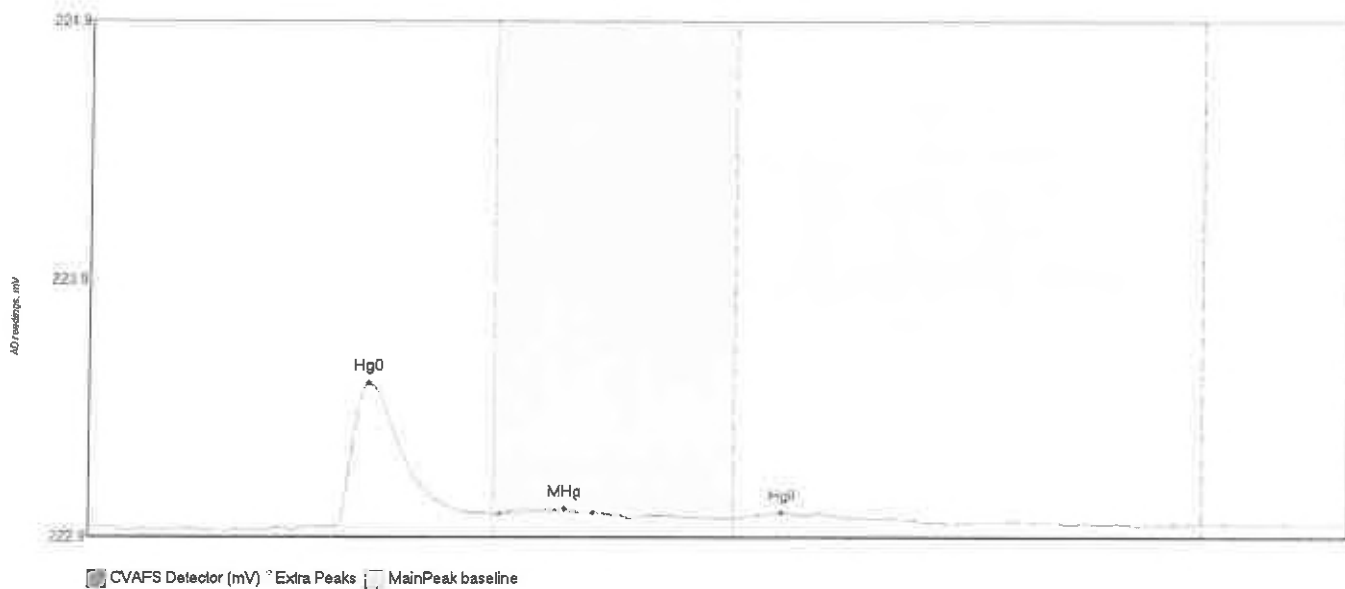
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	BShift	Comment
Hg0	63.779	48.1	78.4	222.99	223.03	55.7	0.593	OK	223.0022	0.00	-0.01	F009389
MHg	3.962	83.6	99.5	223.04	223.03	88.6	0.029	OK	223.0022	0.00	-0.01	F009389
HgII	2.356	131.8	148.5	223.01	223.01	139.3	0.026	OK	223.0022	0.00	-0.01	F009389

#184: 000043-54



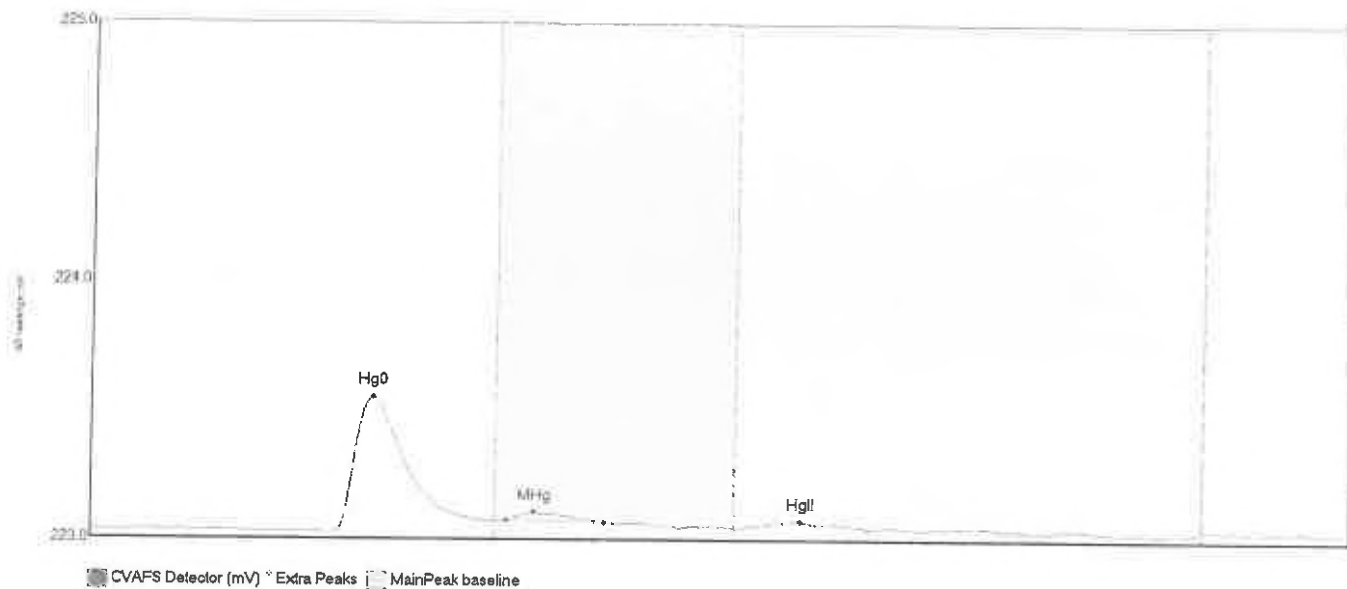
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak	Height	PeakHeight	Flags	Baseline	Width	BiShift	Comment
0100043-54 Hg0	104.049	47.5	80.0	222.98	223.04	55.8	0.958	0.958	CT	222.9912	0.00	0.00	F009389
0100043-54 MHg	9.276	81.8	103.4	223.04	223.04	87.7	0.088	0.088	OK	222.9912	0.00	0.00	F009389
0100043-54 HgII	129.701	127.5	182.1	223.02	223.02	139.8	0.643	0.643	OK	222.9912	0.00	0.00	F009389

#185: 0100043-55



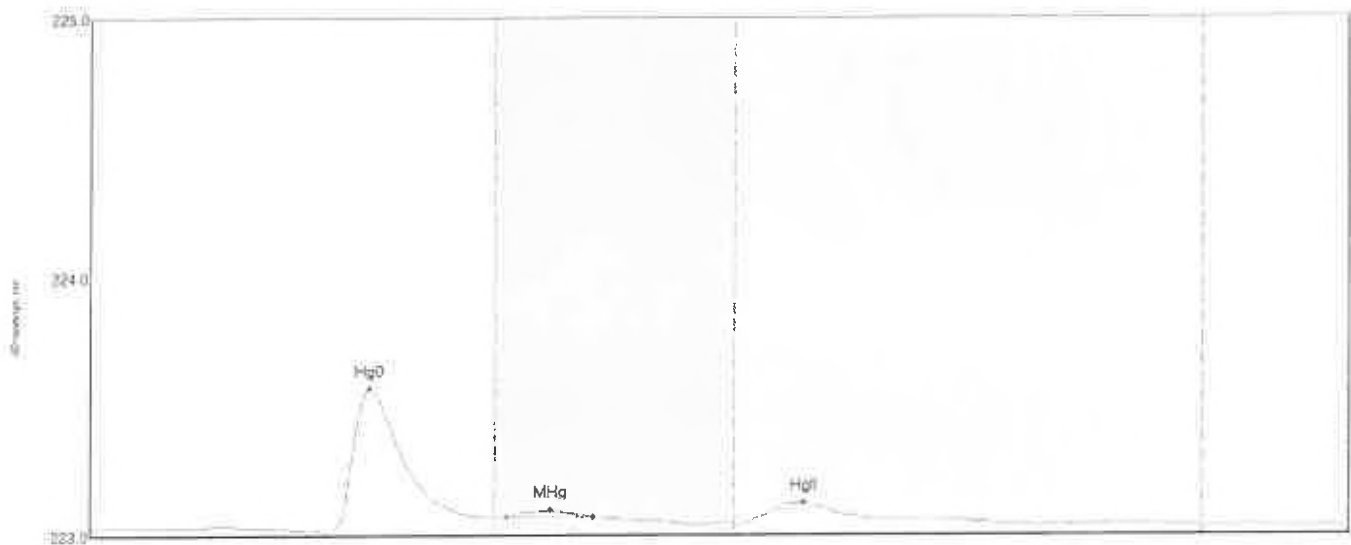
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100043-55 Hg0	60.371	48.5	80.0	222.98	223.03	55.4	0.560	CT	222.9850	0.00	0.00	F009339
0100043-55 MHg	2.137	81.3	99.9	223.03	223.04	94.3	0.020	OK	222.9850	0.00	0.00	F009389
0100043-55 HgII	2.044	128.6	148.7	223.02	223.02	136.8	0.019	OK	222.9850	0.00	0.00	F009389

#186: 0100043-56



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-56 Hg0	57.337	47.0	80.0	222.98	223.03	55.7	0.524	CT	222.9940	0.00	-0.01	F009389
0100043-56 MHg	3.576	82.3	101.6	223.03	223.03	87.7	0.033	OK	222.9940	0.00	-0.01	F009389
0100043-56 HgII	3.612	128.7	151.8	223.00	223.01	140.6	0.029	OK	222.9940	0.00	-0.01	F009389

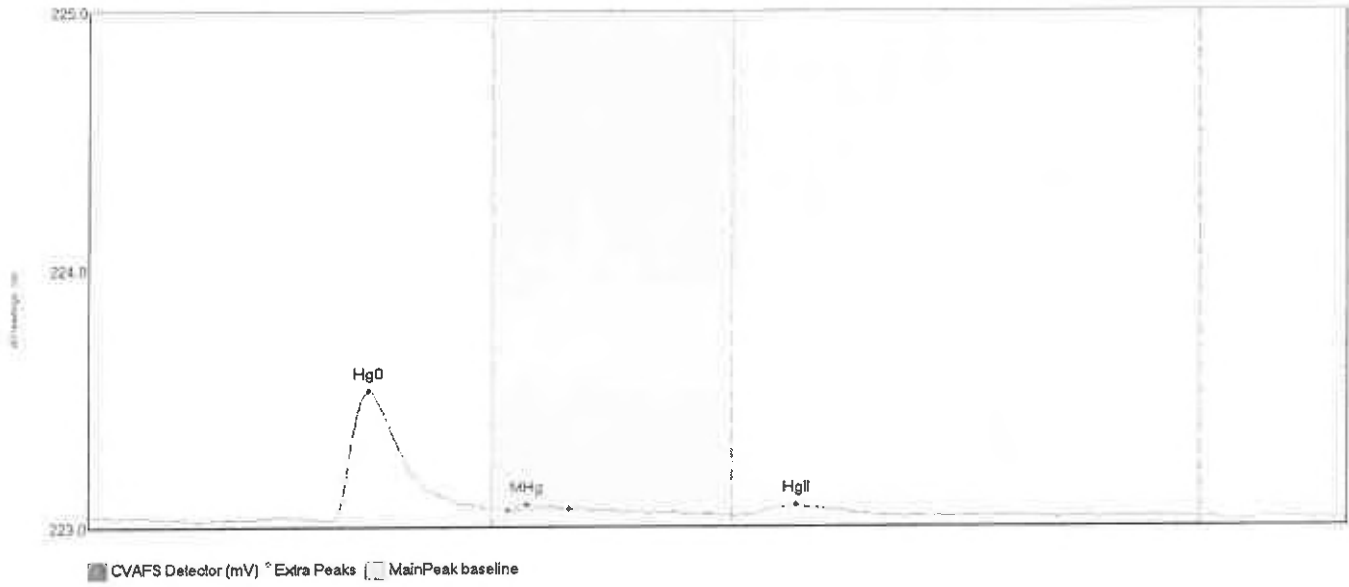
#188: 000043-58



CVAFS Detector (mV) Extra Peaks MainPeak baseline

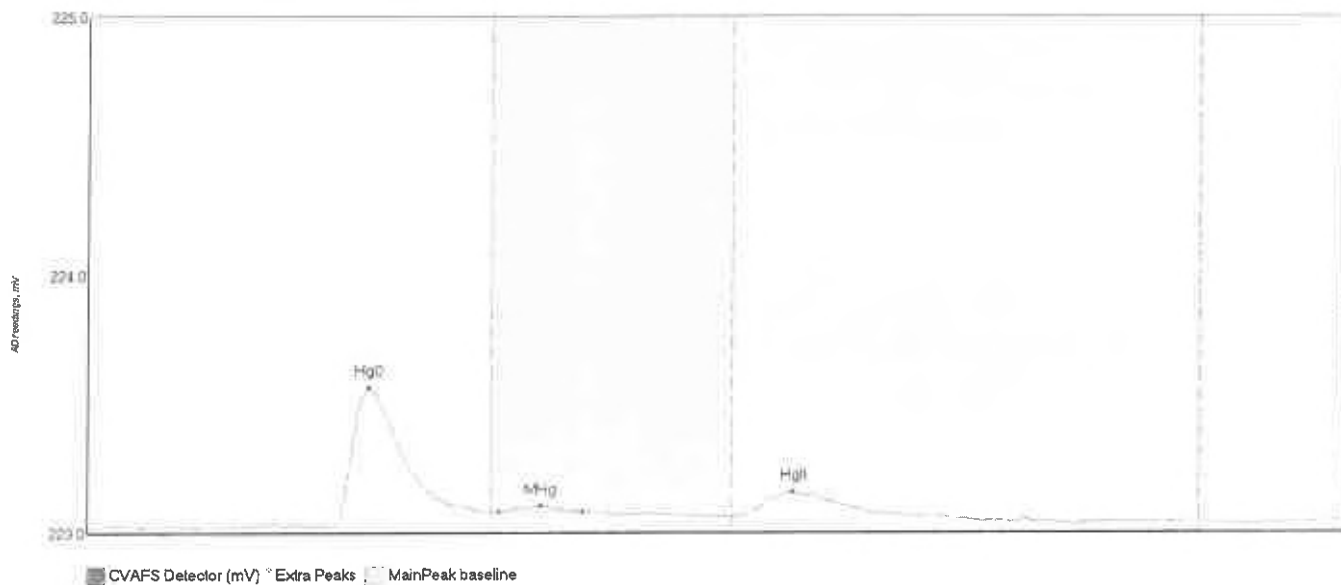
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-58 Hg0	58.438	47.9	80.0	222.99	223.02	55.6	0.546	CT	222.9859	0.00	0.00	F009389
0100043-58 MHg	2.558	82.4	99.3	223.02	223.03	90.9	0.027	OK	222.9859	0.00	0.00	F009389
0100043-58 HgI	13.301	123.6	175.9	223.00	223.01	141.0	0.079	OK	222.9859	0.00	0.00	F009339

#189: 0100043-59



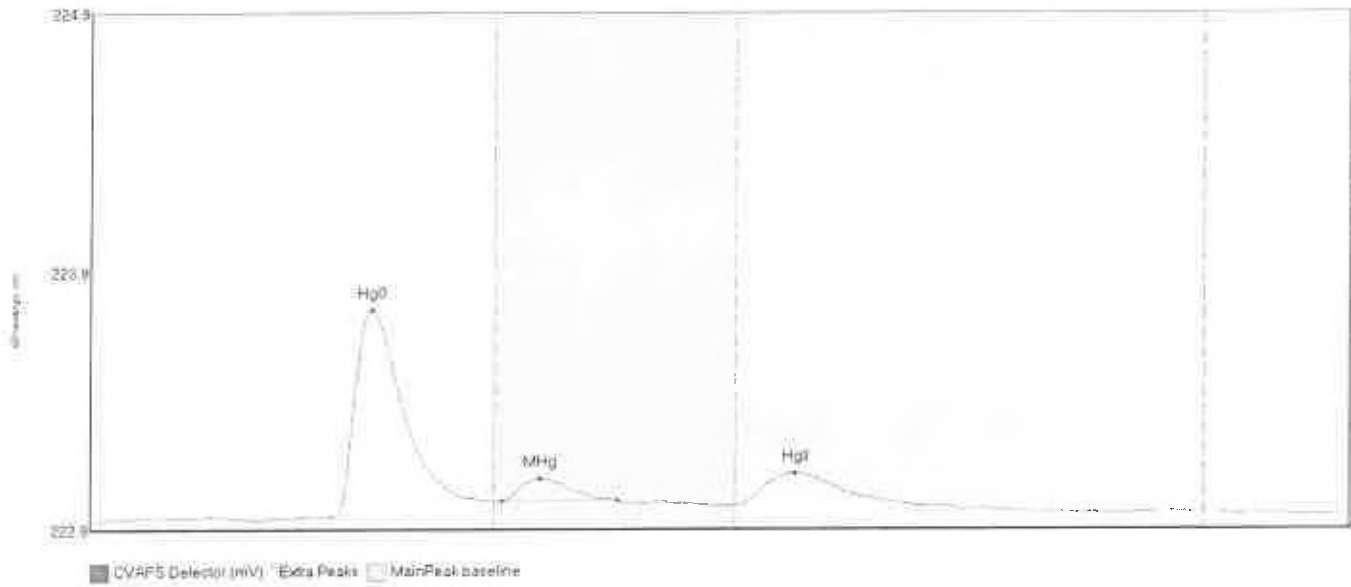
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Baseline	Offset	Offset
0100043-59 Hg0	54.808	48.3	79.3	222.99	223.03	55.6	0.501	OK	223.0018	0.00	-0.01	0.00	100%
0100043-59 MHg	1.273	83.0	95.1	223.03	223.03	86.7	0.021	OK	223.0018	0.00	-0.01	0.00	100%
0100043-59 HgII	4.723	131.8	155.6	223.01	223.01	140.1	0.038	OK	223.0018	0.00	-0.01	0.00	100%

#130: 0100043-60



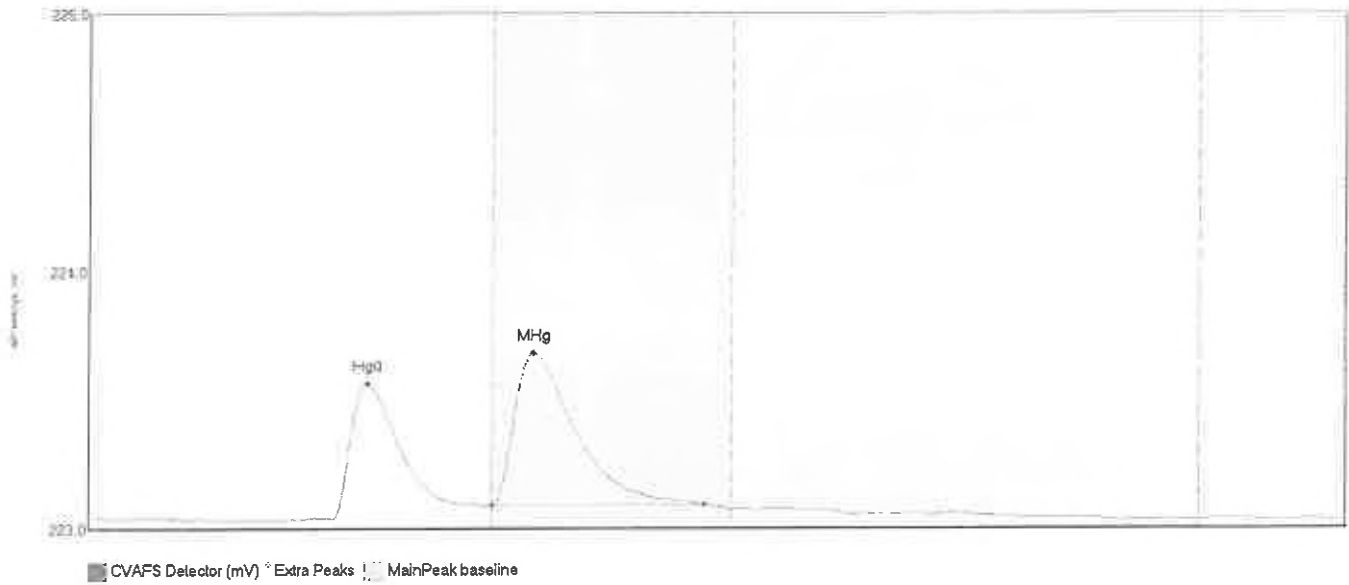
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100043-60 Hg0	59.460	48.4	80.0	222.98	223.04	55.5	0.536	CT	222.9836	0.00	0.02	F009389
0100043-60 MHg	2.026	81.6	98.2	223.04	223.04	89.8	0.024	OK	222.9836	0.00	0.02	F009389
0100043-60 HgII	14.283	128.9	162.2	223.02	223.02	139.6	0.091	OK	222.9836	0.00	0.02	F009389

#191: 0100043-23



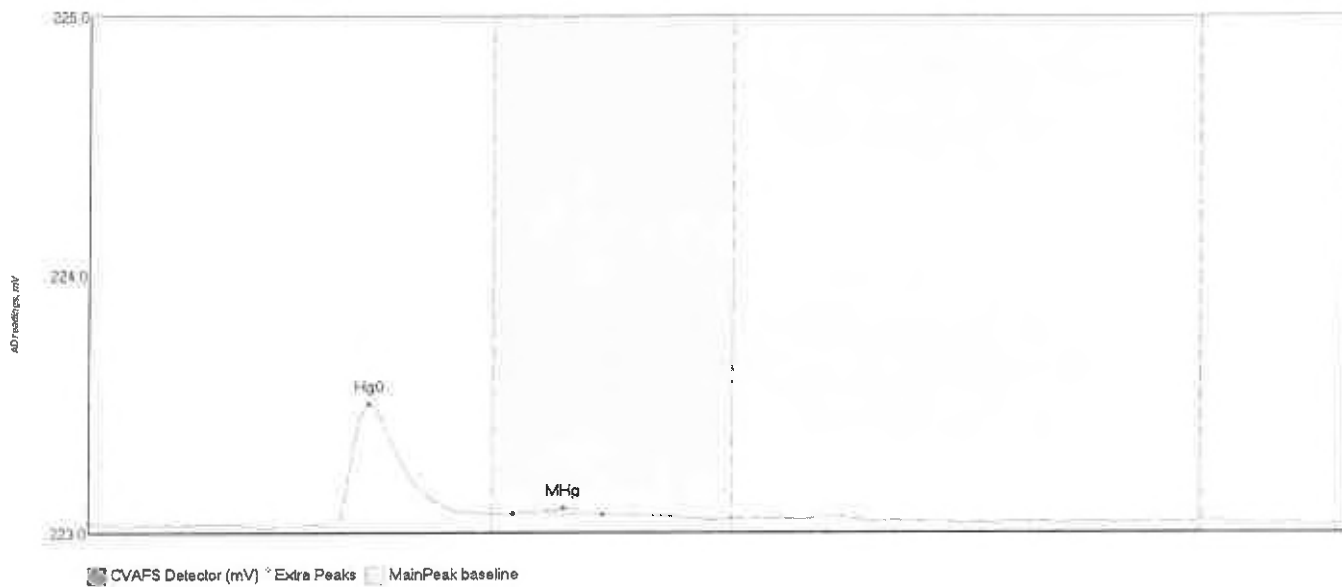
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Missed	Comment
0100043-23 Hg0	84.829	34.0	60.0	222.98	223.05	55.7	0.813	CT	222.9781	0.00	OK	F009389
0100043-23 MHg	9.562	81.4	104.0	223.05	223.06	88.9	0.085	OK	222.9781	0.00	OK	F009389
0100043-23 HgII	20.864	127.5	163.0	223.03	223.04	139.2	0.124	OK	222.9781	0.00	OK	F009339

#192: SEQ-CCVG



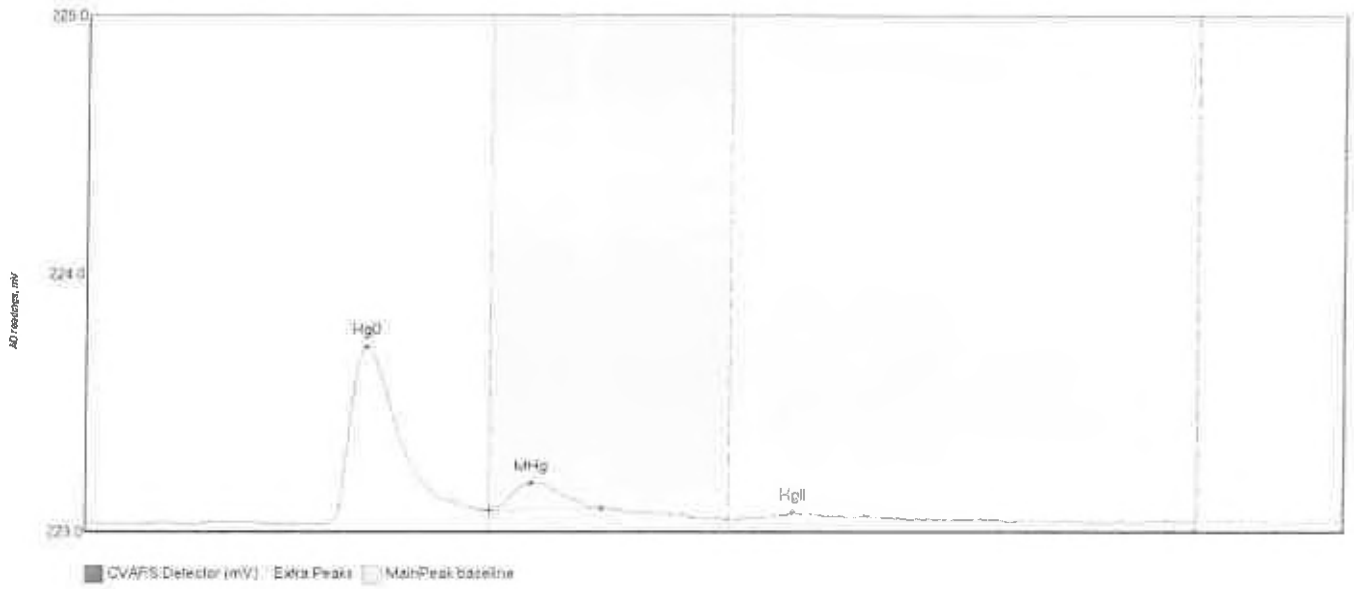
Area	Start Time	EndTime	StartValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	48.6	79.3	223.01	55.5	0.521	OK	223.0069	0.00	-0.01	
MHg	80.0	122.1	223.05	88.1	0.595	OK	223.0069	0.00	-0.01	

#188: SEQ-CCBG



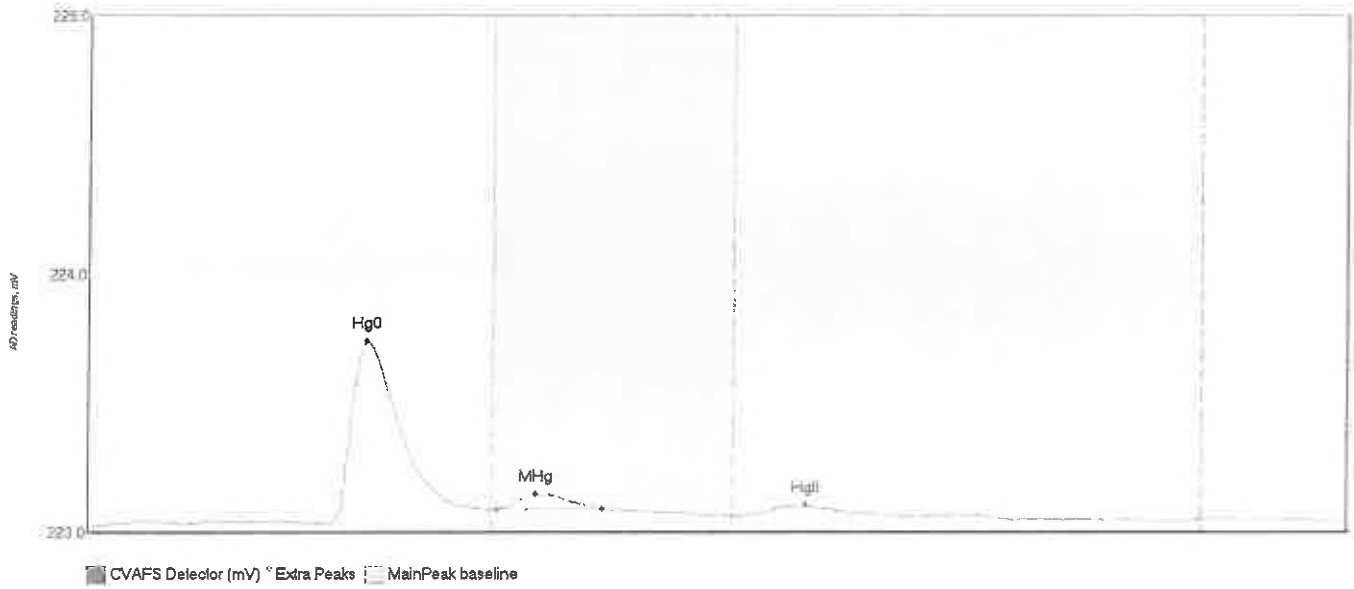
Name	Area	Start Time	Endtime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	BiDe	BiShift	Comment
SEQ-CCBG Hg0	50.684	48.6	80.0	223.00	223.04	55.6	0.468	CT	223.000	0.00	-0.01	
SEQ-CCBG MHg	1.839	84.1	101.7	223.04	223.04	94.1	0.019	OK	223.000	0.00	-0.01	

#194: 0100043-24



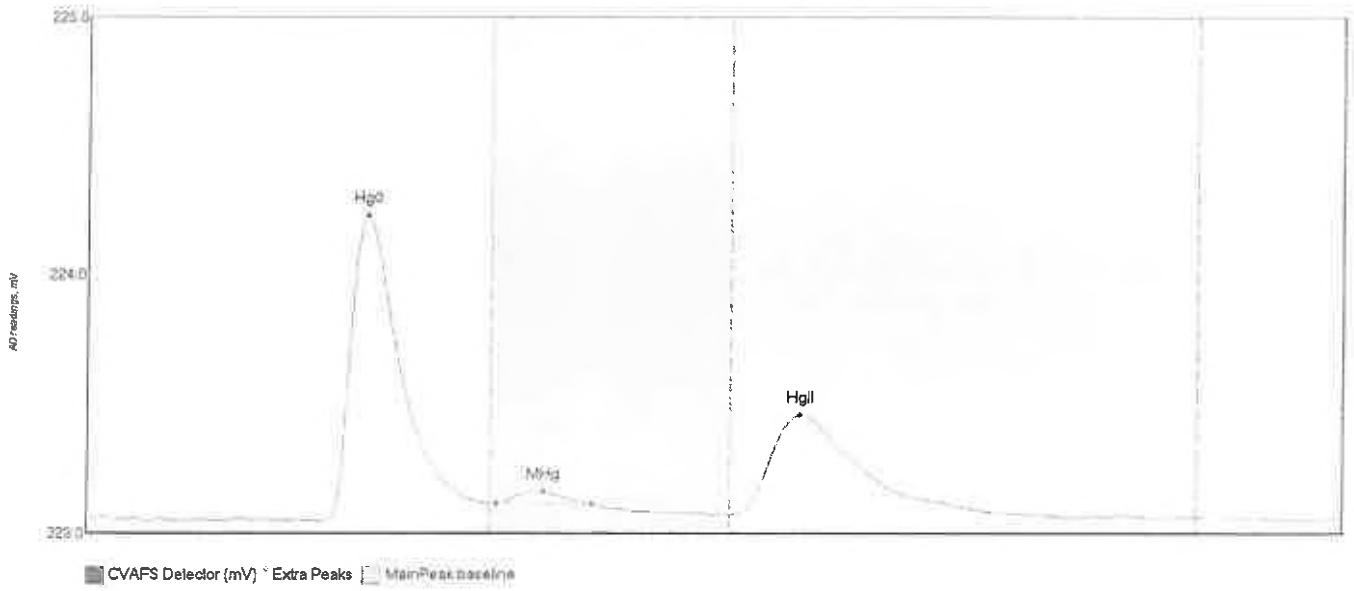
Name	Area	Start Time	EndTime	StartValue	EndValue	Min	Max	PeakHeight	Flags	Retention	Width	Height	Comment
0100043-24 Hg0	73.544	48.3	79.7	223.01	223.05	223.01	223.05	3.678	OK	223.03	0.03	3.678	Peak 1
0100043-24 MHg	11.633	80.0	102.2	223.05	223.06	223.05	223.06	0.104	OK	223.06	0.01	0.104	Peak 2
0100043-24 HgII	4.764	128.4	162.8	223.02	223.02	223.02	223.02	0.030	OK	223.02	0.01	0.030	Peak 3

#195: 0100043-25



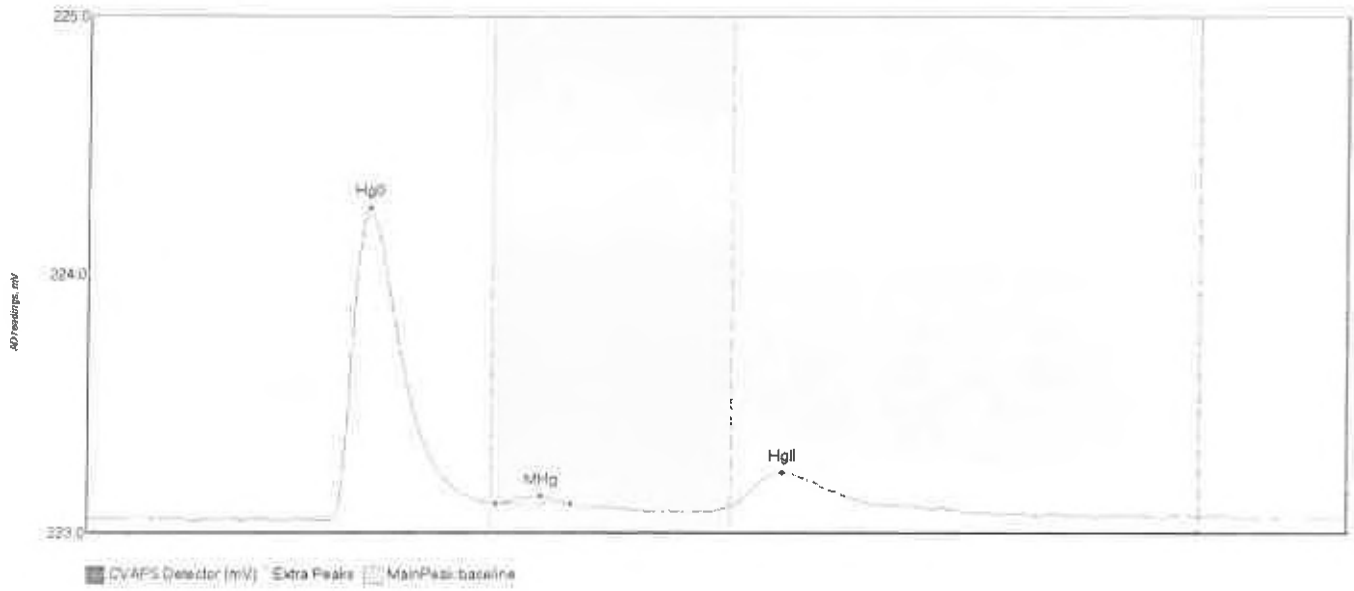
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-25 Hg0	76.023	47.9	78.9	222.99	223.05	55.3	0.708	OK	222.9894	0.00	0.02	F009389
0100043-25 MHg	6.848	81.0	101.6	223.05	223.05	88.7	0.064	OK	222.9894	0.00	0.02	F009389
0100043-25 HgII	5.485	130.9	159.9	223.03	223.03	141.7	0.039	OK	222.9894	0.00	0.02	F009389

#196: 0100043-26



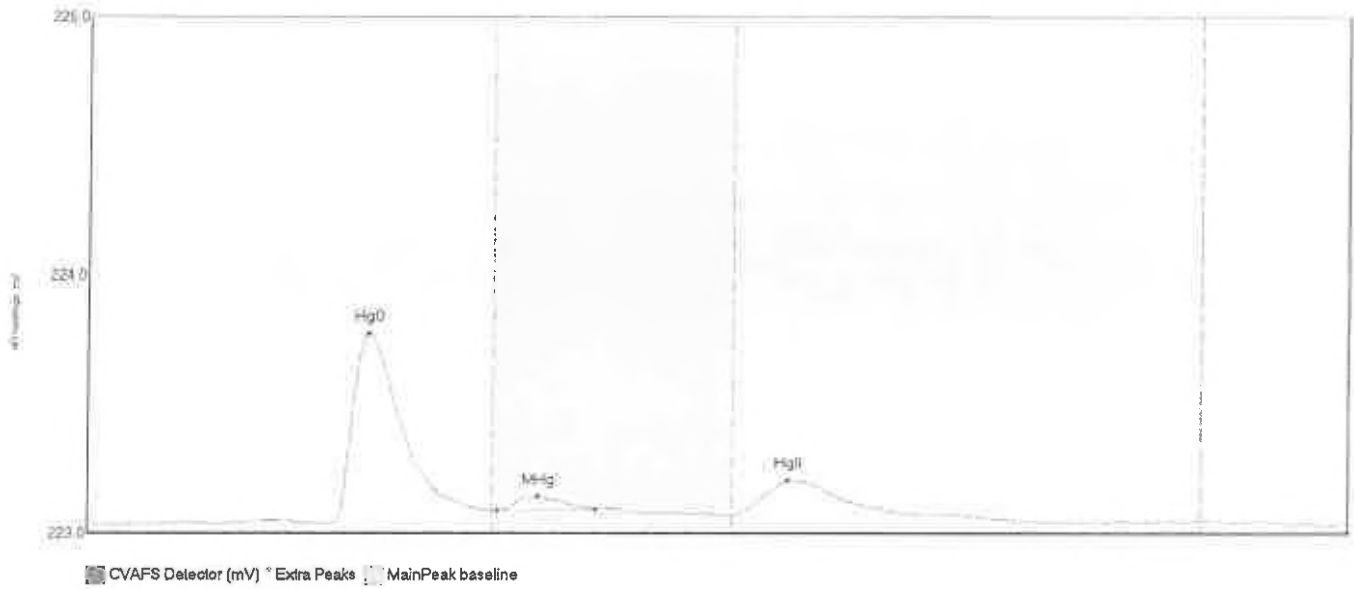
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	R:Shift	Comment
0100043-26 Hg0	127.388	46.4	80.0	223.01	223.08	55.7	1.177	CT	223.0178	0.00	0.00	F009389
0100043-26 MHg	5.230	81.3	100.2	223.07	223.07	90.4	0.048	OK	223.0178	0.00	0.00	F009389
0100043-26 HgII	75.907	127.5	182.4	223.03	223.04	141.4	0.384	OK	223.0178	0.00	0.00	F009389

#197: 000043-27



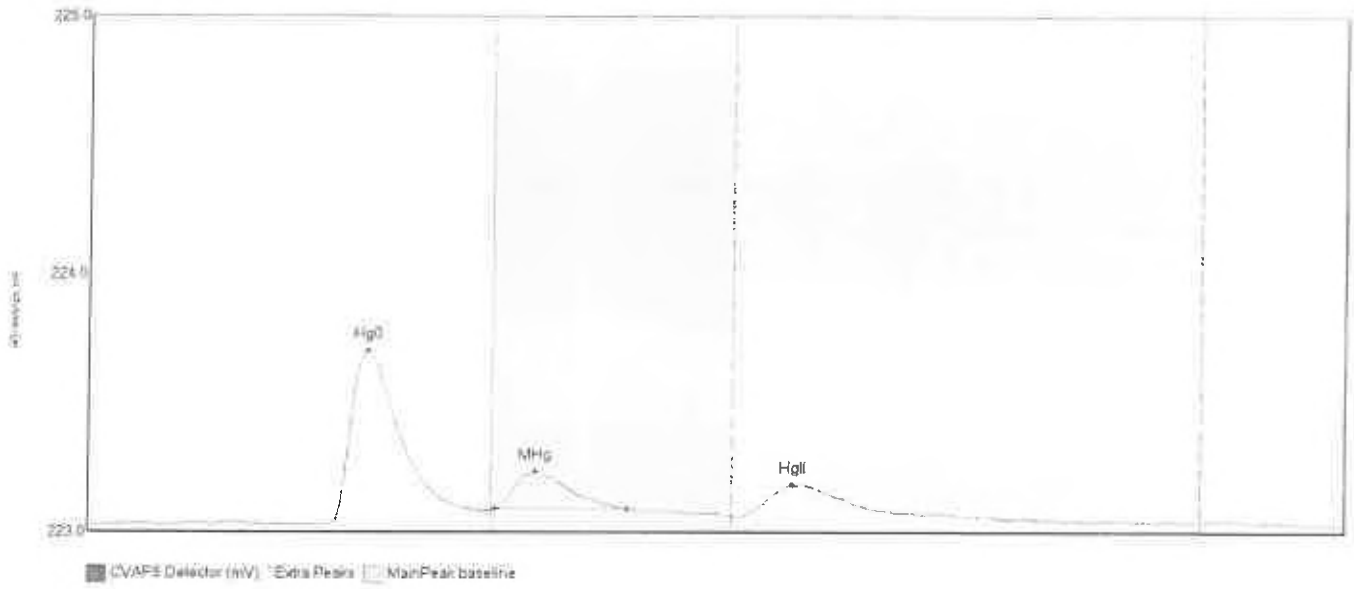
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100043-27 Hg0	131.531	48.4	79.6	223.00	223.07	223.1	1.204	OK	223.00	0.08	0.08	P009389
0100043-27 MHg	2.250	81.0	95.6	223.06	223.06	223.1	0.028	OK	223.05	0.05	0.05	P009389
0100043-27 HgII	19.602	127.5	156.0	223.05	223.06	223.1	0.132	OK	223.04	0.08	0.08	P009389

#188: 0100043-28



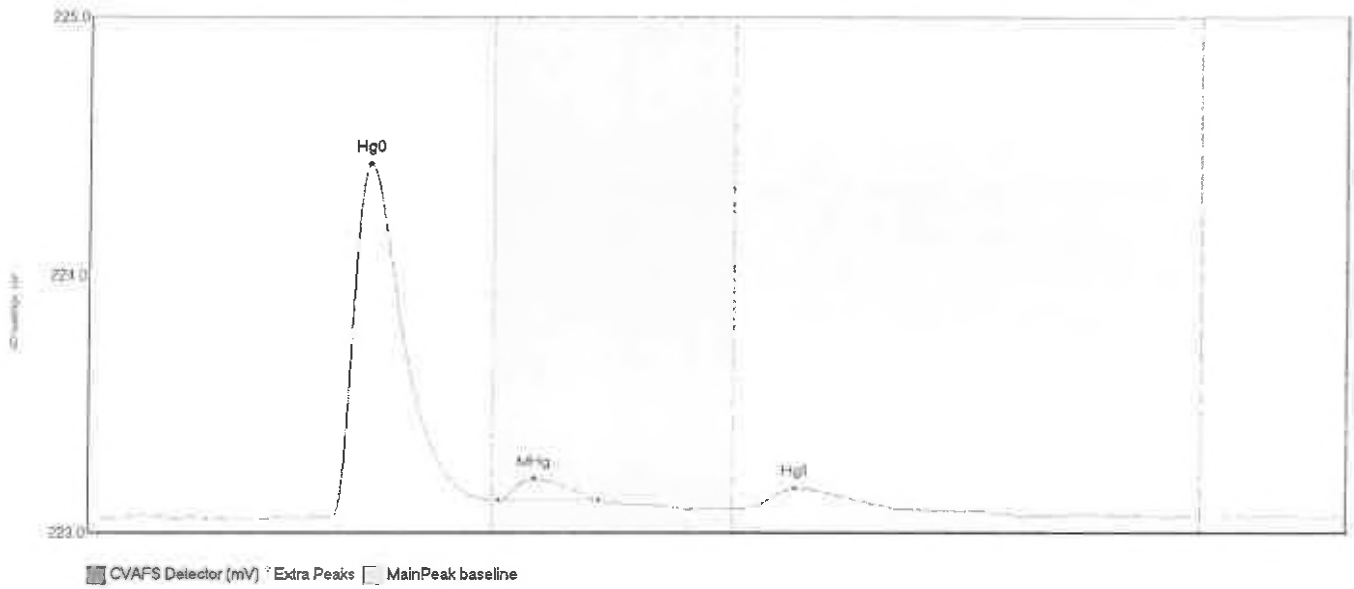
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100043-28 Hg0	79.982	48.1	79.7	223.02	223.07	55.5	0.736	OK	223.0223	0.00	0.00	F009389
0100043-28 MHg	5.585	81.0	100.4	223.07	223.08	89.1	0.055	OK	223.0223	0.00	0.00	F009389
0100043-28 HgII	22.867	127.5	164.6	223.05	223.05	138.3	0.136	OK	223.0223	0.00	0.00	F009389

#199: 0100043-29



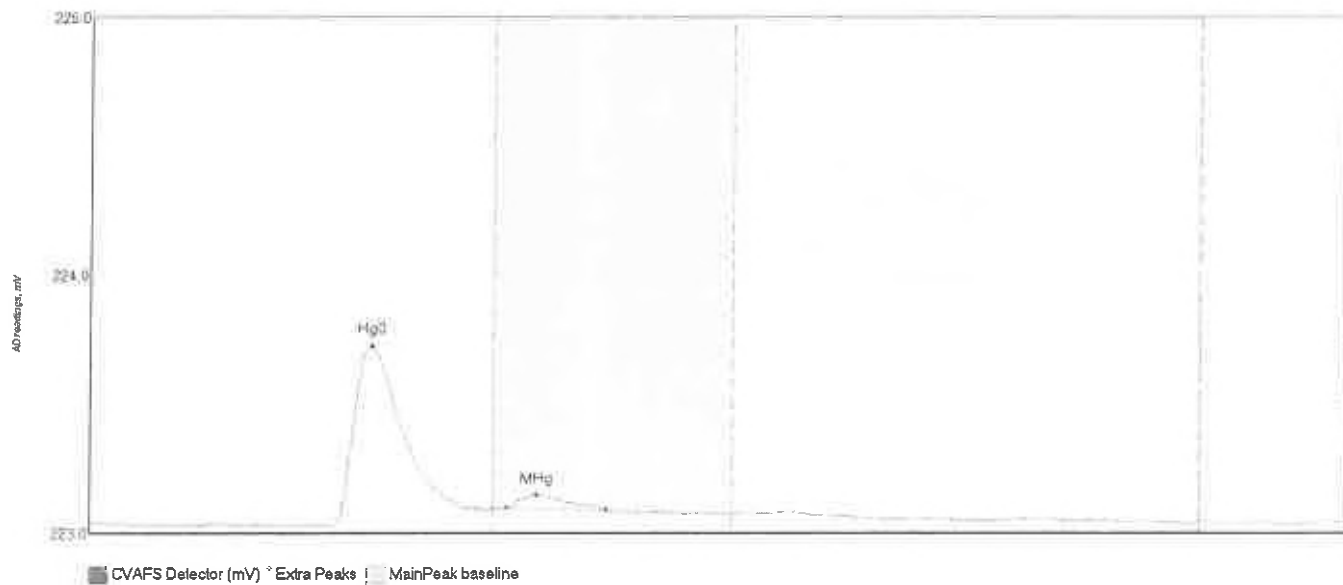
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-29 Hg0	72.756	46.8	78.8	223.01	223.07	55.4	0.675	OK	223.0132	0.00	0.00	F009389
0100043-29 MHg	17.820	80.7	106.7	223.07	223.07	88.6	0.146	OK	223.0132	0.00	0.00	F009389
0100043-29 HgII	22.283	128.8	172.8	223.04	223.04	139.4	0.125	OK	223.0132	0.00	0.00	F009389

#200: 0100043-30



Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
0100043-30	Hg0	149.862	48.2	80.0	223.02	223.08	55.9	1.367	CT	223.0198	0.00	0.01	F009389
0100043-30	MHg	9.353	81.3	100.9	223.09	223.09	88.3	0.086	OK	223.0198	0.00	0.01	F009389
0100043-30	HgI1	12.950	129.2	159.6	223.05	223.05	139.7	0.080	OK	223.0198	0.00	0.01	F009389

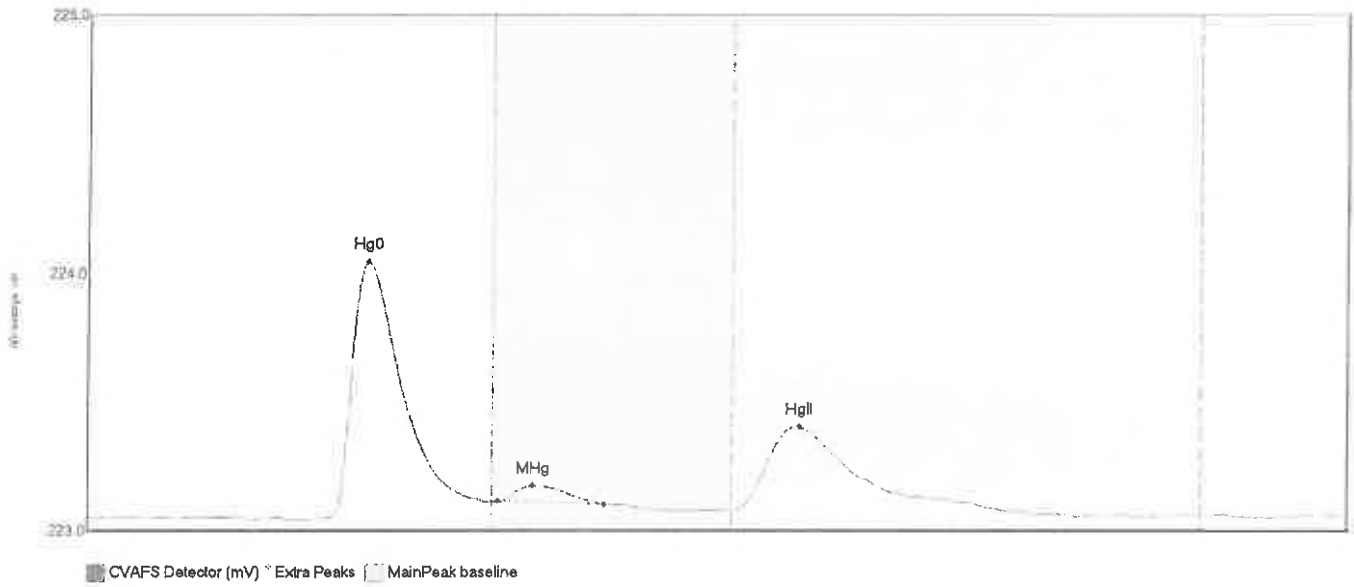
#201: 0100075-01



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift
0100075-01 Hg0	75.355	48.1	78.9	223.02	223.08	55.8	0.694	OK	223.0311	0.00	0.00
0100075-01 MHg	5.607	82.6	102.2	223.09	223.08	68.6	0.050	OK	223.0311	0.00	0.00

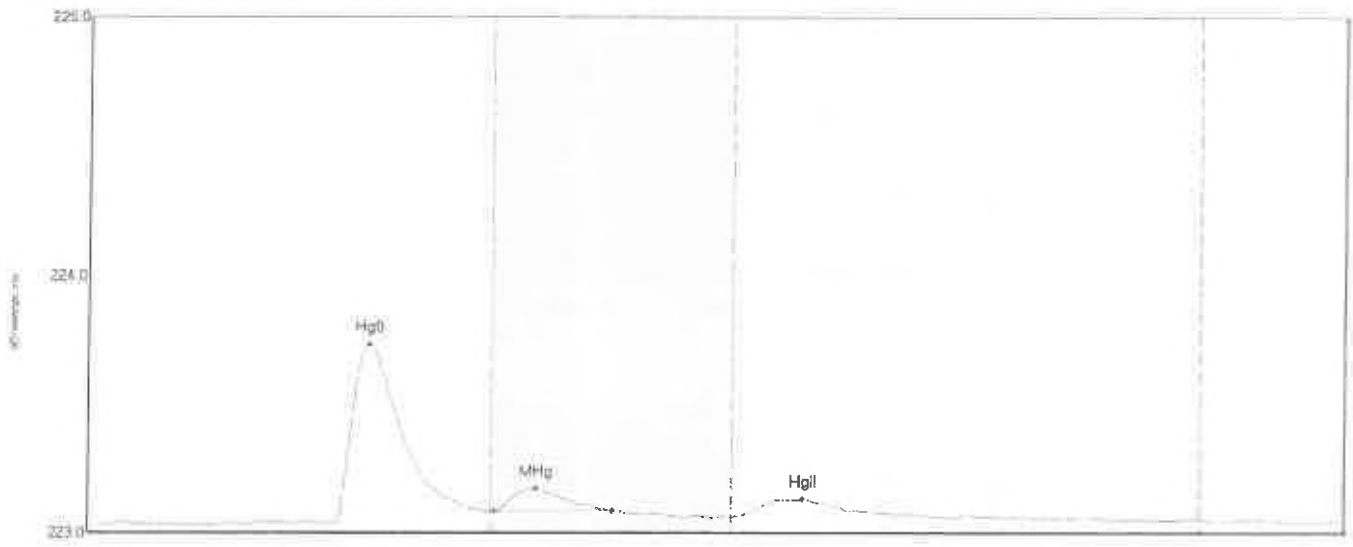
0100075-01
0100075-01
0100075-01

#202: 000075-02



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
11000175-02 Hg0	108.701	46.5	78.9	223.01	223.08	55.6	0.997	OK	223.0203	0.00	0.01	F009443
11000175-02 MHg	7.526	81.1	102.2	223.08	223.07	88.1	0.062	OK	223.0203	0.00	0.01	F009443
11000175-02 HgII	64.033	127.6	182.0	223.05	223.04	140.5	0.320	OK	223.0203	0.00	0.01	F009443

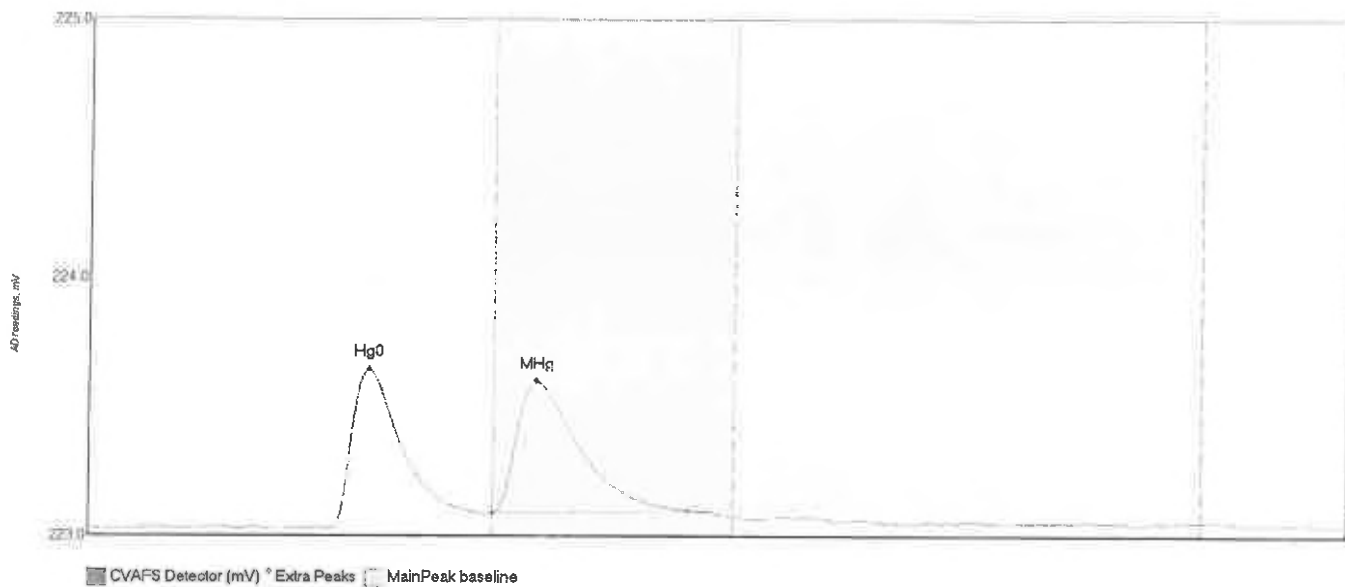
#203: 0100075-03



CVAFS Detector (mV) * Extra Peaks MainPeak baseline

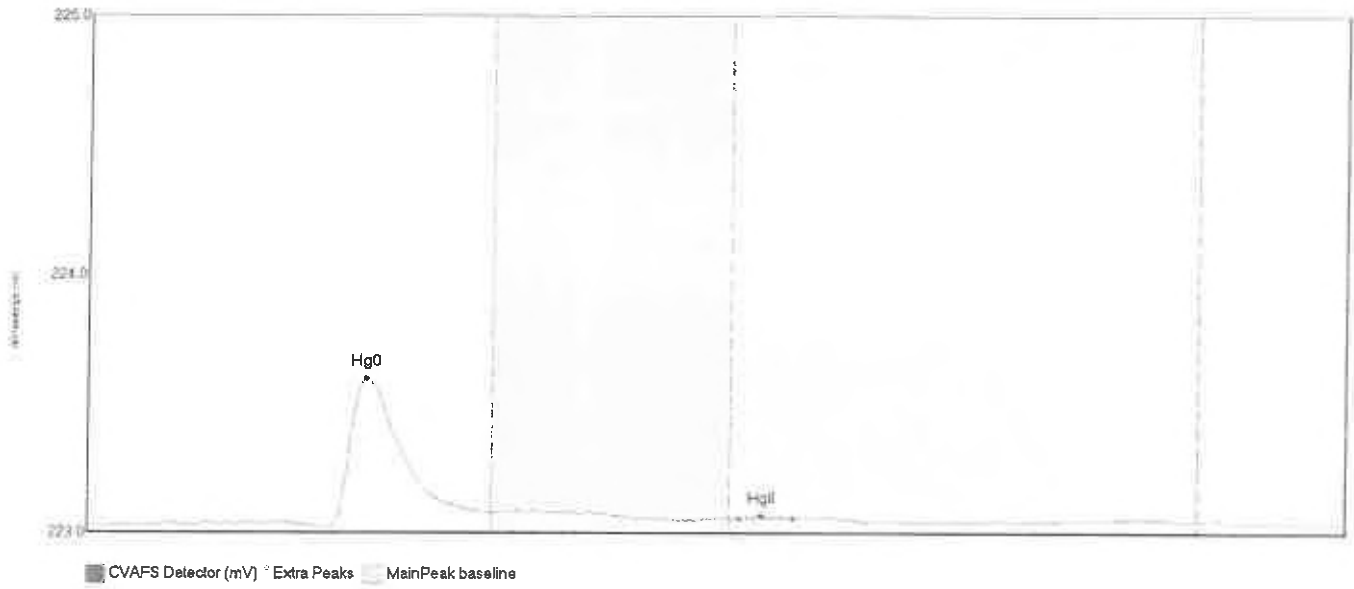
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100075-03 Hg0	74.782	30.7	79.6	223.02	223.07	55.7	0.700	OK	223.0119	0.00	0.02	F009443
0100075-03 MHg	9.957	80.6	104.0	223.07	223.07	88.9	0.088	OK	223.0119	0.00	0.02	F009443
0100075-03 HgII	10.253	128.9	164.5	223.05	223.05	141.4	0.064	OK	223.0119	0.00	0.02	F009443

#204: SEQ-CCVH



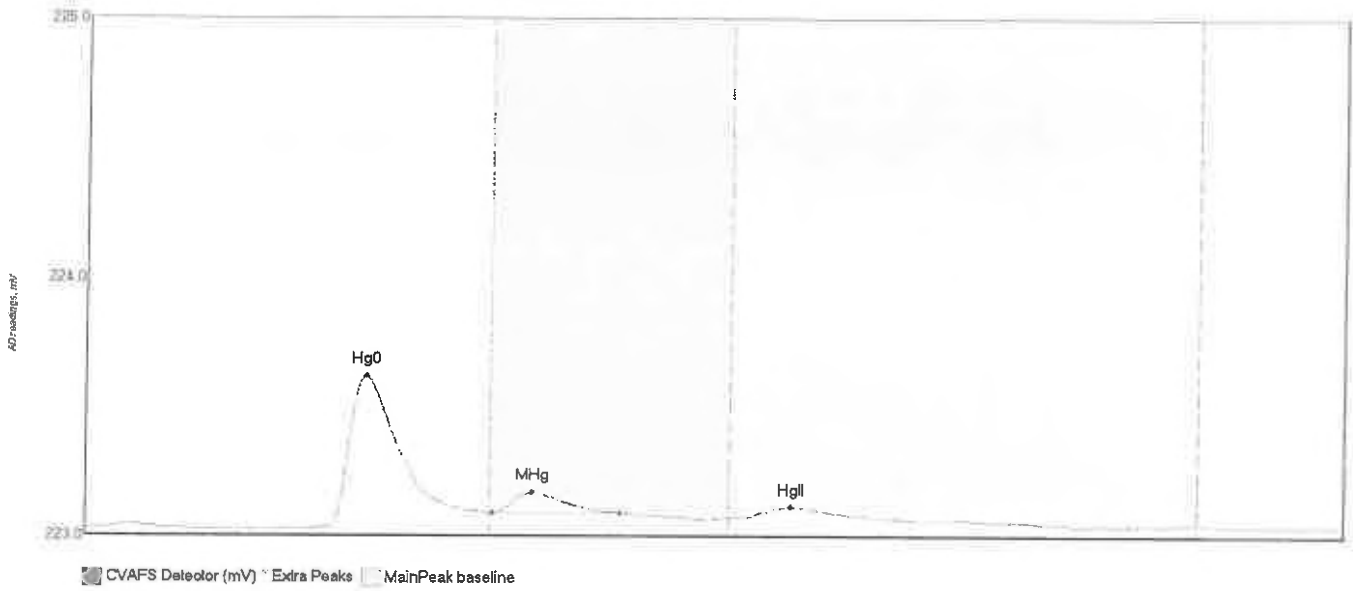
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVH Hg0	66.735	48.2	79.1	223.03	223.08	55.6	0.614	OK	223.0255	0.00	0.01	
SEQ-CCVH MHg	71.358	80.0	118.5	223.08	223.09	88.6	0.511	OK	223.0255	0.00	0.01	

#205: SEQ-CCBH



Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
231.5240	62.664	43.1	80.0	223.03	223.08	0.571	0.571	CT	223.0376	0.00	0.00	
232.0240	0.610	129.3	139.8	223.06	223.06	0.011	0.011	OK	223.0376	0.00	0.00	

#206: 0100075-04



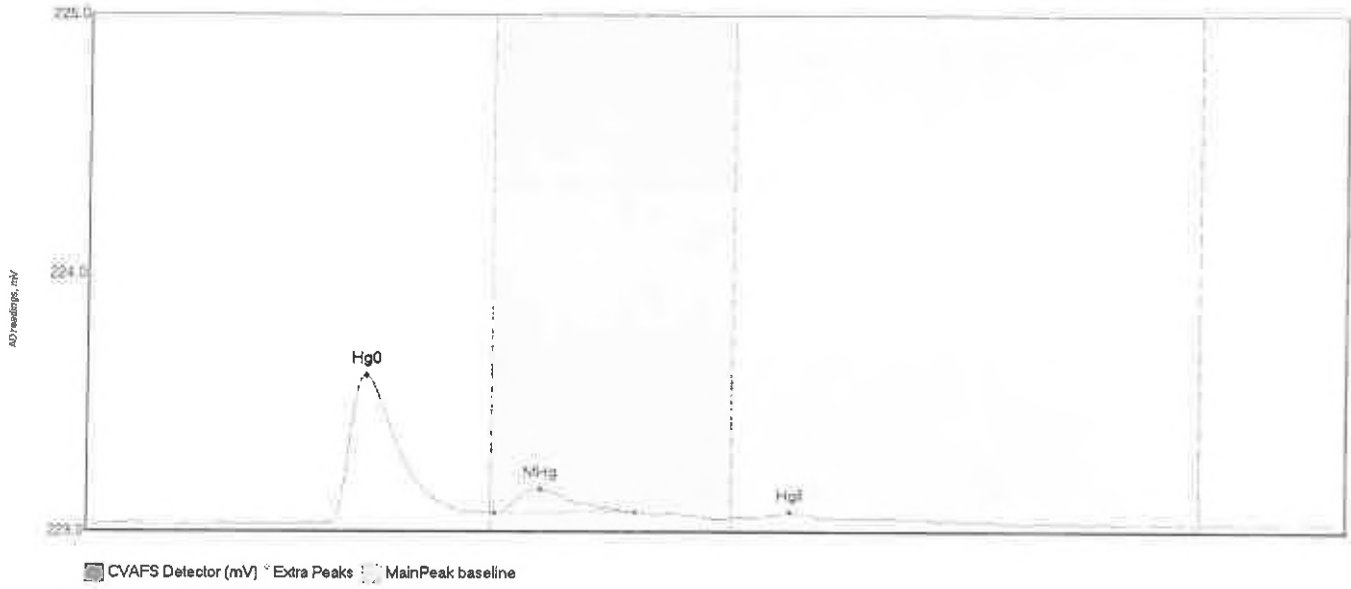
Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment	
42.00000004	Hg0	62.598	47.7	79.0	223.03	223.08	55.6	0.582	OK	223.0292	0.00	0.00	F009443
71.00000004	MHg	9.446	80.7	105.9	223.08	223.09	88.5	0.082	OK	223.0292	0.00	0.00	F009443
27.00000004	HgII	4.420	131.0	153.2	223.07	223.08	139.4	0.040	OK	223.0292	0.00	0.00	F009443

#207: 0100075-05



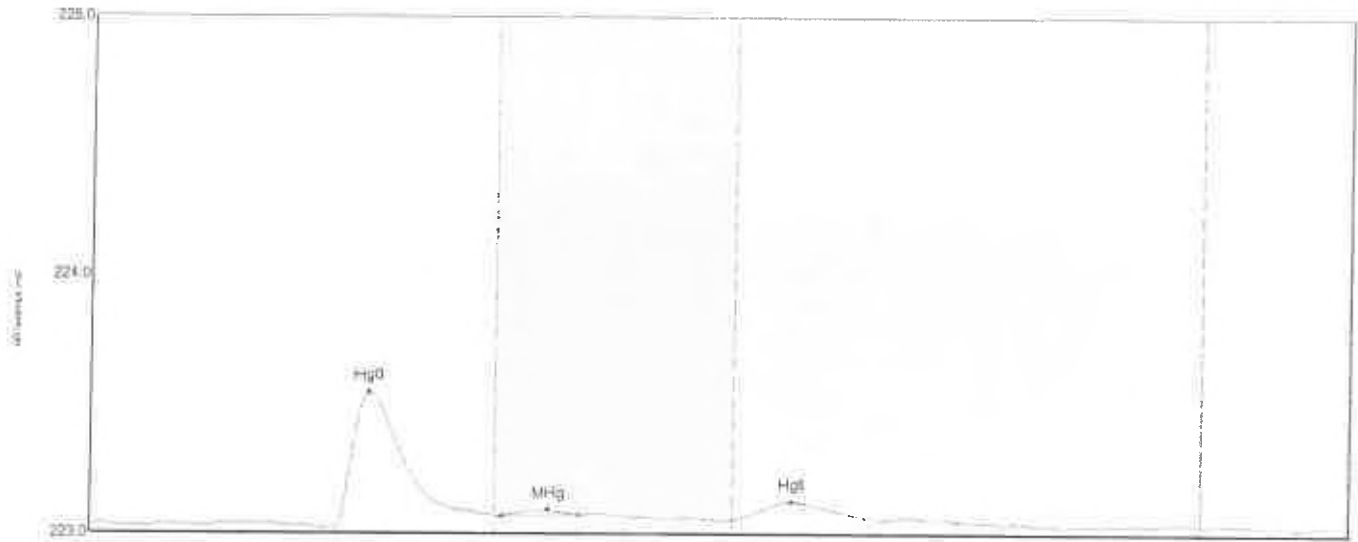
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100075-05 Hg0	59.561	48.6	80.0	223.05	223.08	55.4	0.558	CT	223.0474	0.00	-0.01	F009443
0100075-05 MHg	9.408	80.5	106.5	223.08	223.08	88.2	0.076	OK	223.0474	0.00	-0.01	F009443
0100075-05 HgII	5.208	129.4	154.6	223.06	223.06	138.1	0.039	OK	223.0474	0.00	-0.01	F009443

#208: 000080-01



Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0 60.915	43.0	80.0	223.03	223.07	223.07	0.574	CT	223.0257	0.00	0.00	F009443
MHg 12.048	80.9	108.3	223.07	223.07	223.07	0.093	OK	223.0257	0.00	0.00	F009443
HgII 1.407	132.8	145.7	223.06	223.05	223.05	0.017	OK	223.0257	0.00	0.00	F009443

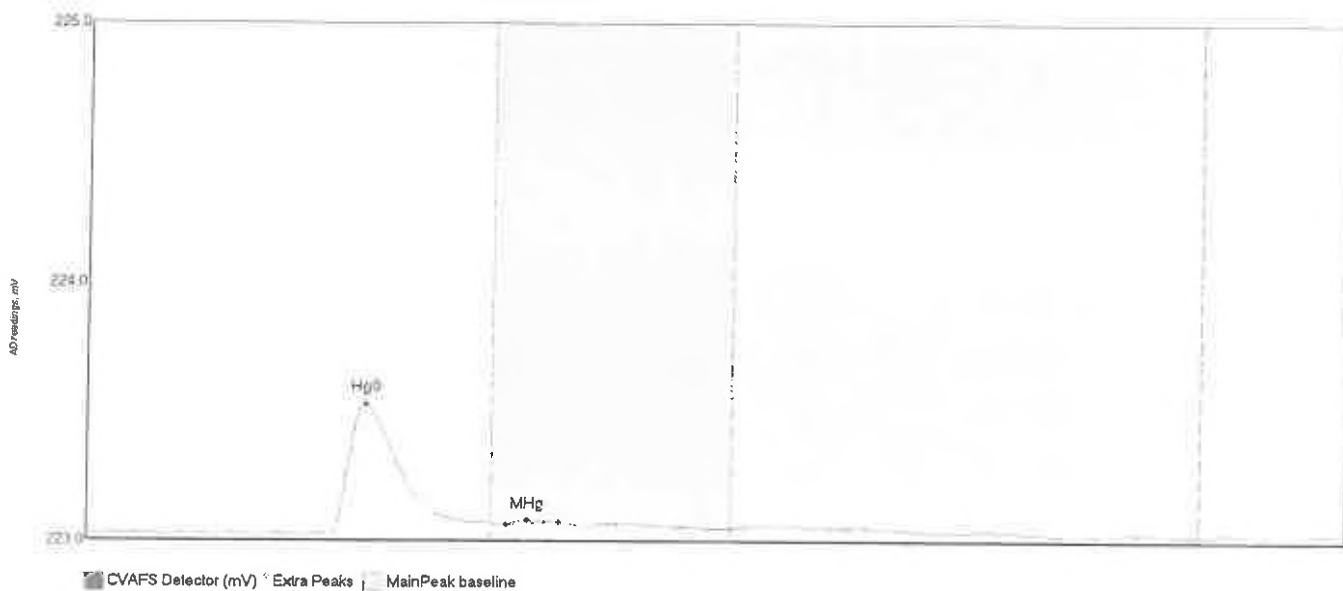
#209: 0100080-02



■ CVAPS Detector (mV) ◊ Extra Peaks □ MainPeak baseline

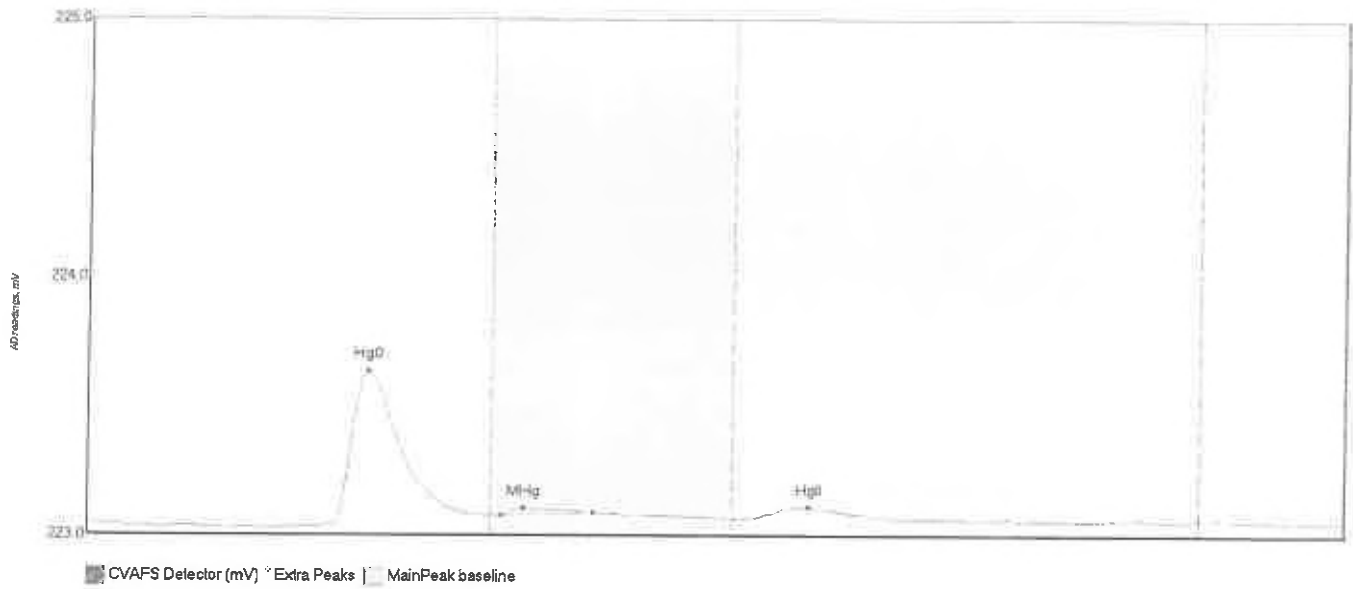
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	BlShift	Comment
0100080-02 Hg0	56.955	48.6	80.0	223.04	223.08	55.3	0.523	CT	223.0492	0.00	-0.01	F009443
0100080-02 MHg	1.804	81.7	96.8	223.08	223.08	90.7	0.021	OK	223.0492	0.00	-0.01	F009443
0100080-02 HgII	9.790	127.5	154.8	223.07	223.07	139.0	0.071	OK	223.0492	0.00	-0.01	F009443

#210: 0100080-03



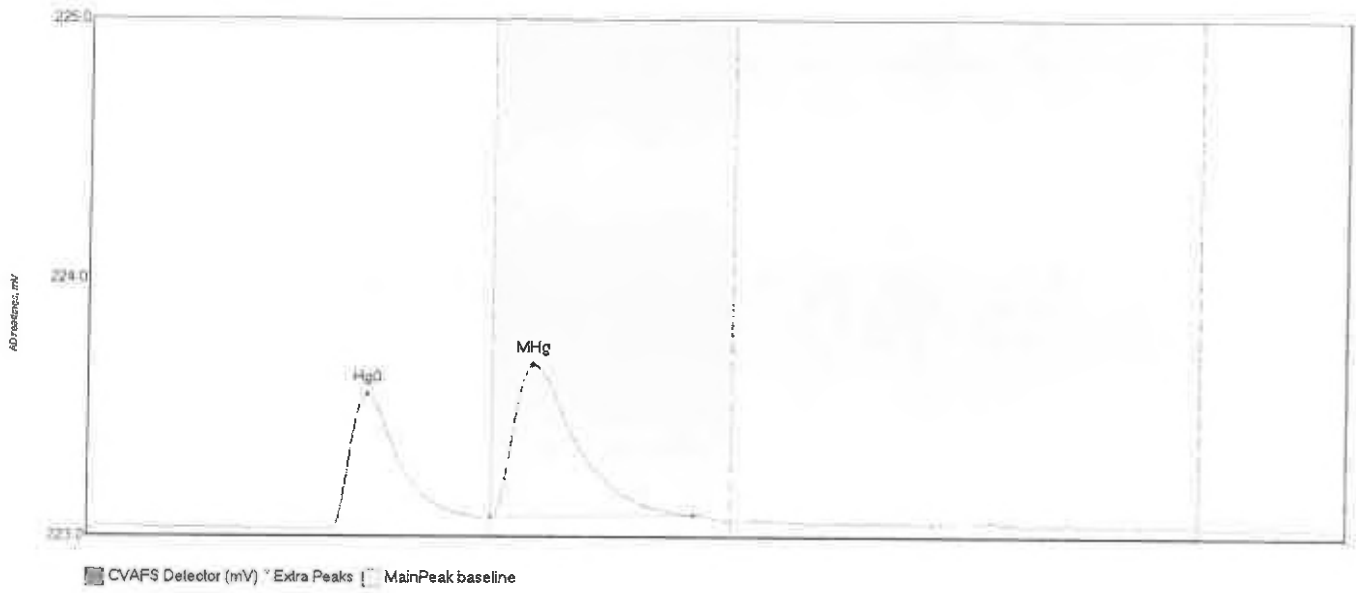
Label	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BTime	BShift	Comment
0100080-03 Hg0	54.320	47.9	80.0	223.04	223.03	55.0	0.503	CT	223.0496	8.20	-0.01	700+443
0100080-03 MHg	0.861	83.1	93.5	223.08	223.09	87.3	0.019	OK	223.0496	8.28	-0.01	700+444

#211: 0100080-04



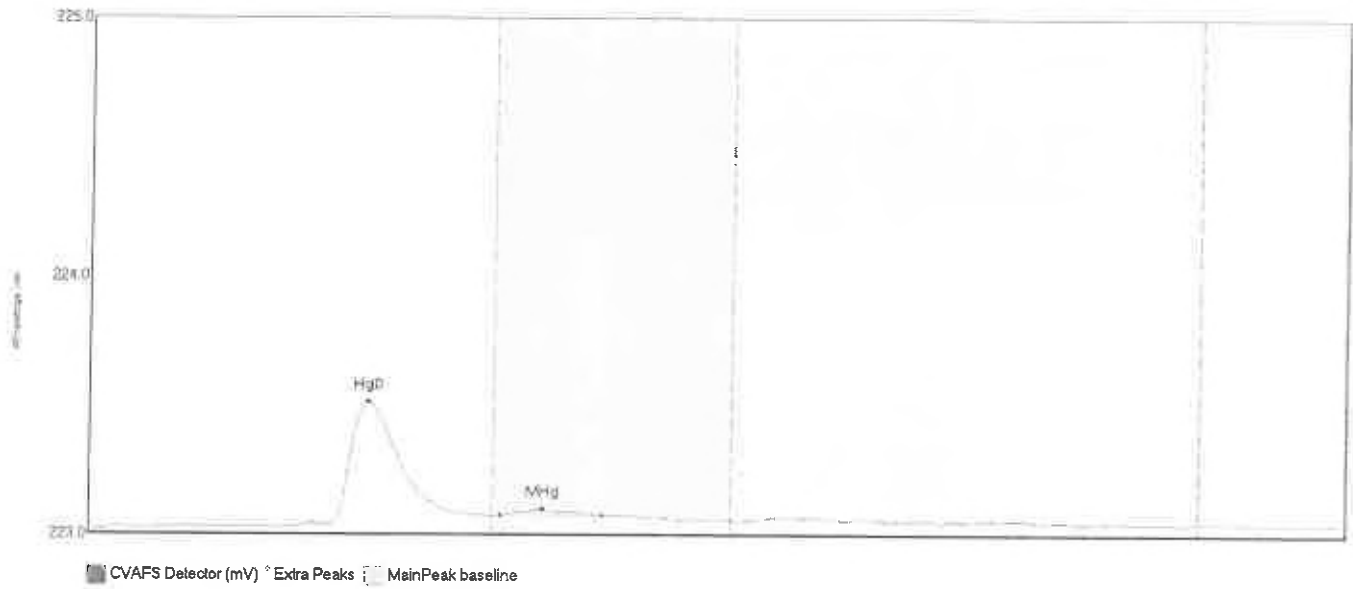
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BlShift	Comment
0100080-04 Hg0	63.733	48.3	79.0	223.04	223.08	55.4	0.591	OK	223.0457	0.00	0.00	F009443
0100080-04 MHg	2.733	82.1	100.2	223.08	223.08	86.4	0.027	OK	223.0457	0.00	0.00	F009443
0100080-04 HgII	6.853	129.3	157.1	223.06	223.07	142.6	0.048	OK	223.0457	0.00	0.00	F009443

#212: SEQ-CCVI



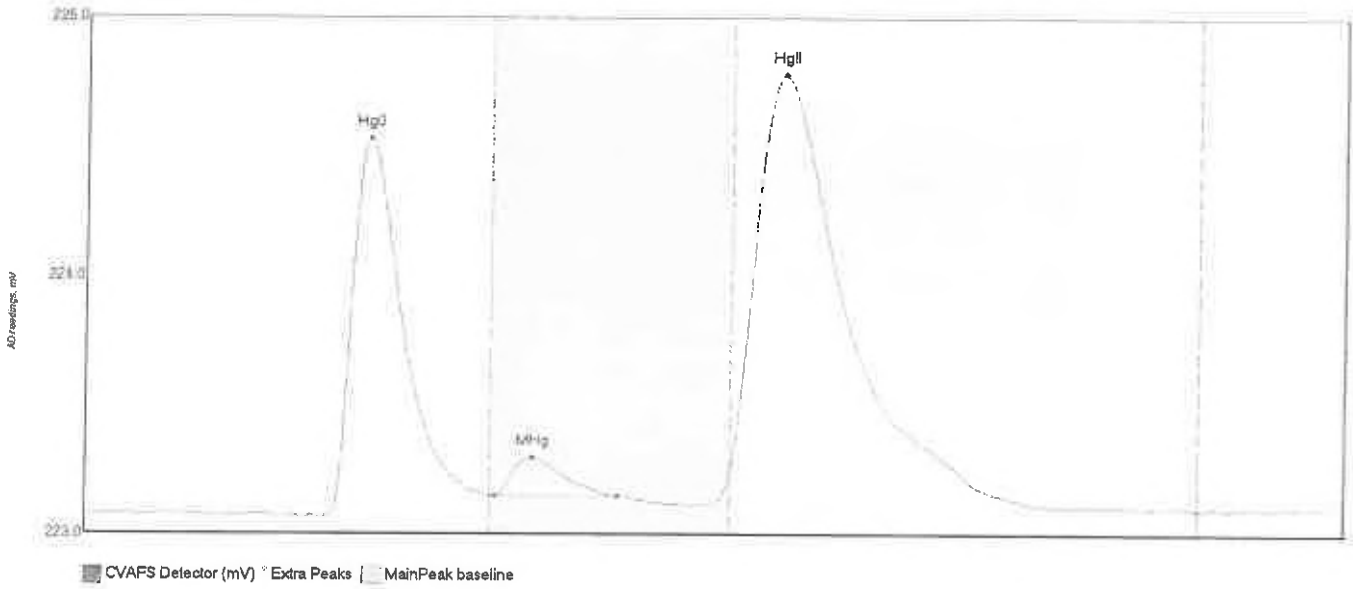
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
SEQ-CCVI Hg0	56.574	47.3	79.0	223.04	223.08	55.6	0.519	OK	223.0480	0.00	
SEQ-CCVI MHg	83.471	80.0	119.9	223.09	223.10	88.1	0.592	OK	223.0480	0.00	

#213: SEQ-CCBI



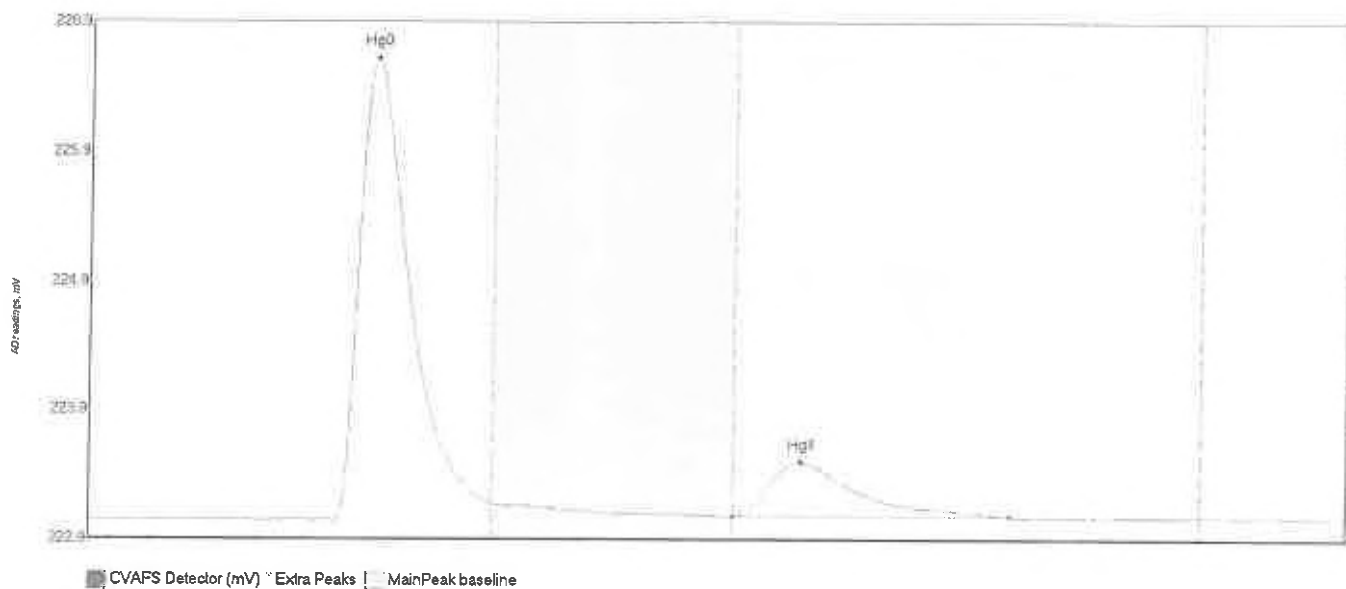
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBI Hg0	49.143	11.5	79.1	223.04	223.08	55.4	0.490	OK	223.0316	0.00	0.02	
SEQ-CCBI MHg	2.372	81.5	101.6	223.08	223.08	89.8	0.023	OK	223.0316	0.00	0.02	

#214: 000073-57



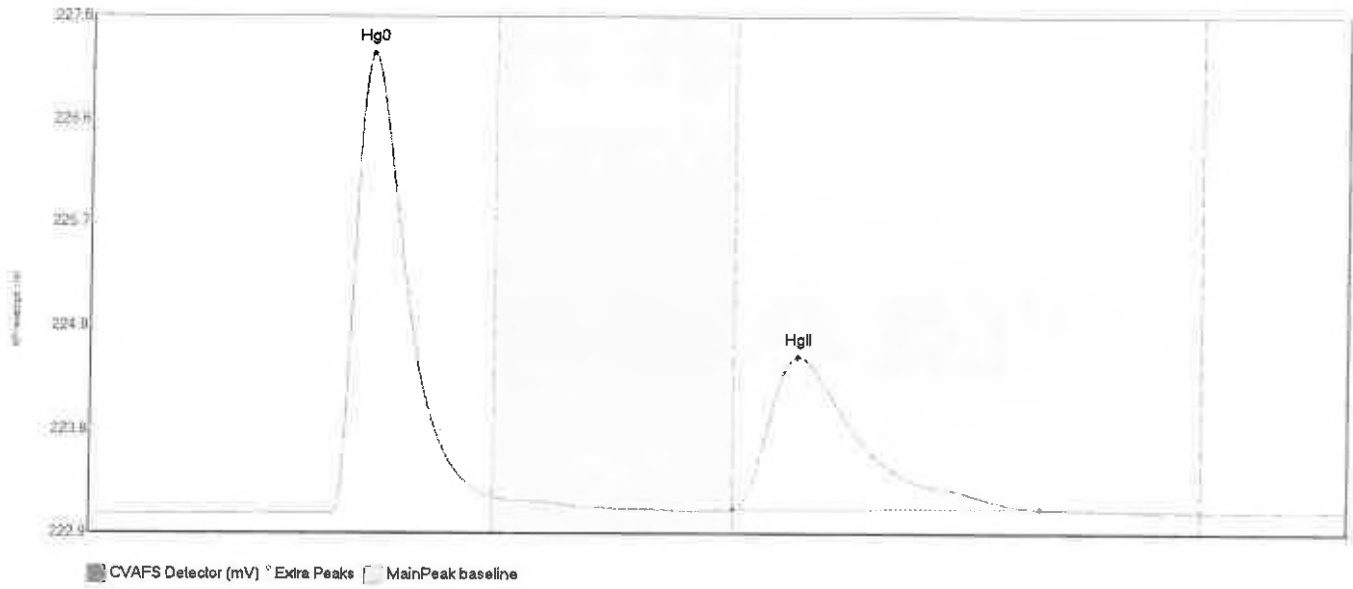
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0	162.004	48.2	80.0	223.03	223.10	55.8	1.460	CT	223.0282	0.00	0.03	F009426
MHg	17.362	81.0	105.5	223.10	223.10	88.5	0.148	OK	223.0282	0.00	0.03	F009426
HgII	298.166	127.5	183.7	223.21	223.09	137.6	1.523	OK	223.0282	0.00	0.03	F009426

#215: 000073-58



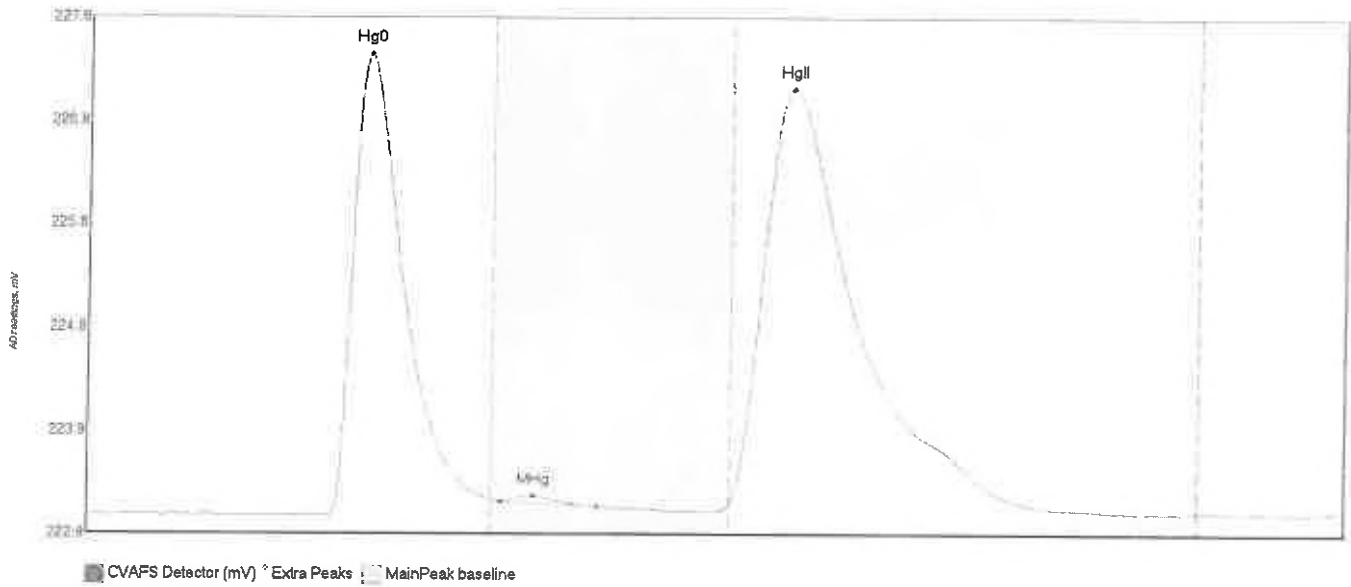
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Peak Name	BiDev	BiShift	Comment
000073-58	Hg0	397.749	48.3	80.0	223.05	223.18	56.5	3.538	CT	0.00	0.02	P009426
000073-58	HgII	84.558	127.5	182.3	223.08	223.08	140.7	0.416	OK	0.00	0.02	P009426

#216: 000073-60



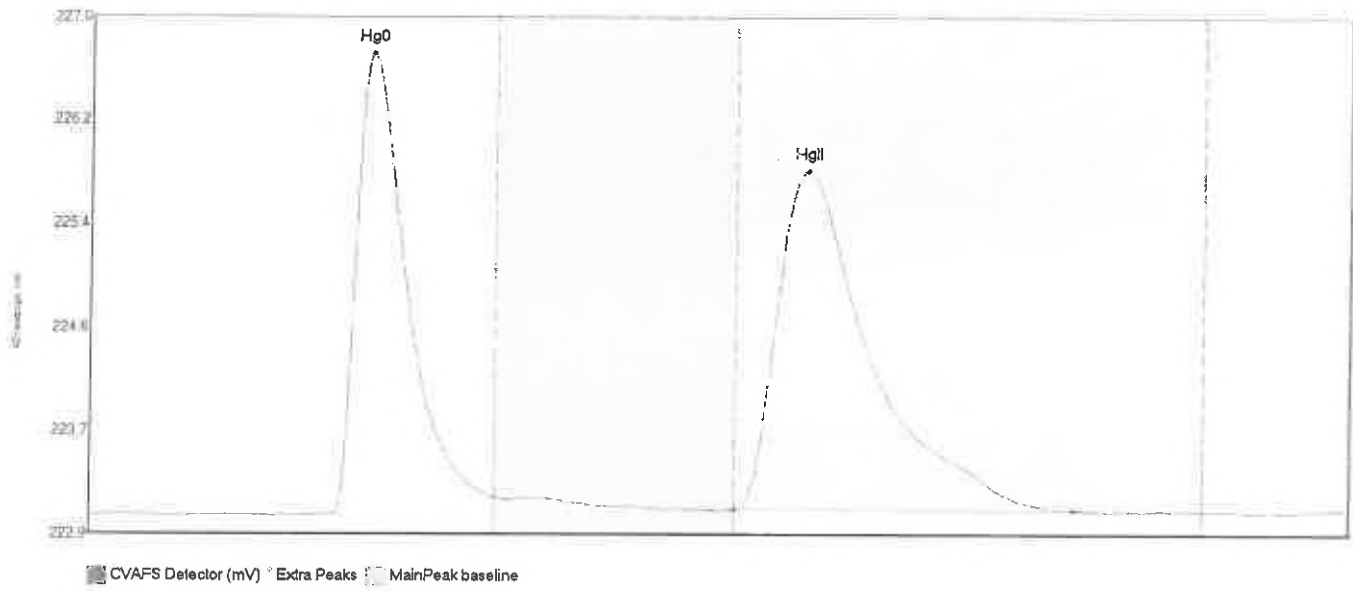
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-60 Hg0	472.212	46.9	80.0	223.06	223.21	56.1	4.183	CT	223.0592	0.00	0.03	F009426
0100073-60 HgII	285.642	127.5	188.1	223.11	223.11	140.2	1.384	OK	223.0592	0.00	0.03	F009426

#217: 0100073-63



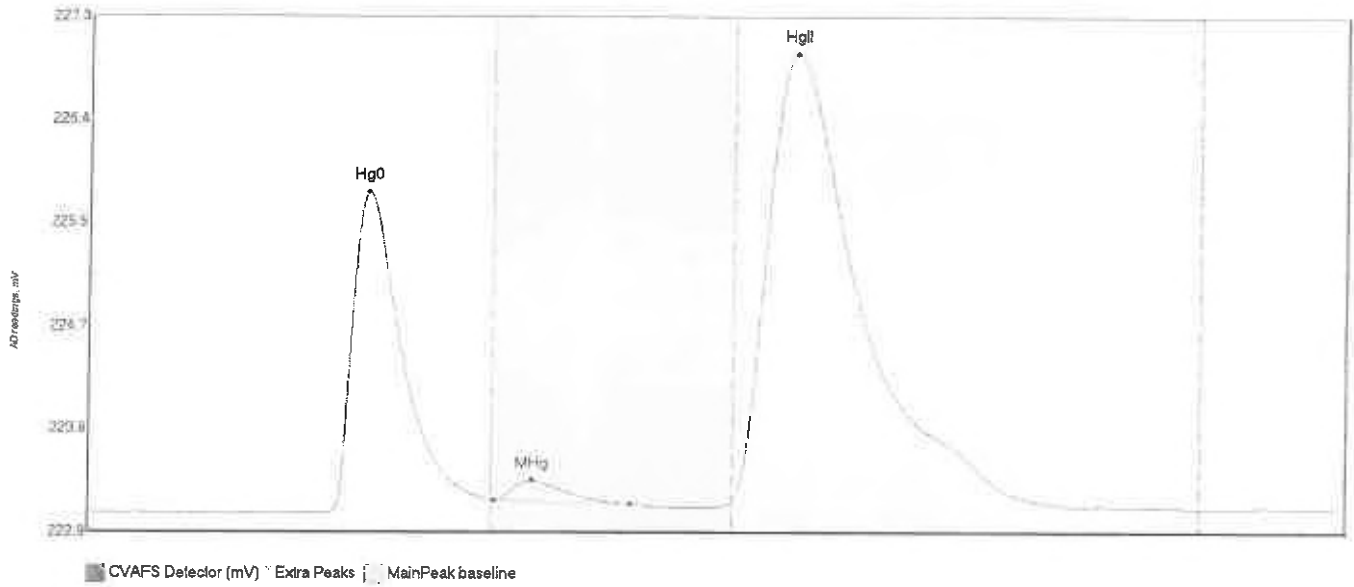
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BlShift	Comment
0100073-63 Hg0	482.741	47.7	80.0	223.07	223.21	55.7	4.337	CT	223.0708	0.00	0.04	F009426
0100073-63 MHg	5.933	81.9	101.1	223.20	223.15	88.4	0.051	OK	223.0708	0.00	0.04	F009426
0100073-63 HgII	805.048	127.5	191.6	223.21	223.13	139.5	3.879	OK	223.0708	0.00	0.04	F009426

#218: 0100073-64



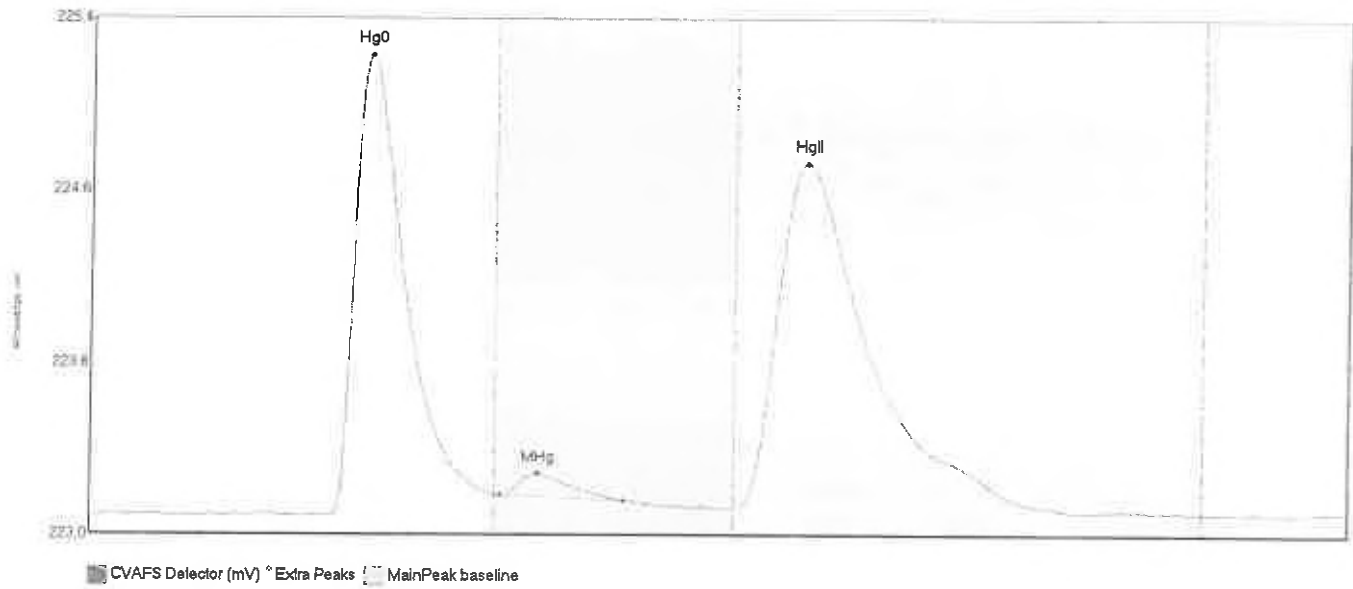
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-64 Hg0	404.844	44.8	80.0	223.08	223.22	55.6	3.655	CF	223.0720	0.00	0.04	F009426
0100073-64 HgII	573.575	127.5	194.4	223.12	223.11	141.5	2.685	OK	223.0720	0.00	0.04	F009426

#219: 0100073-66



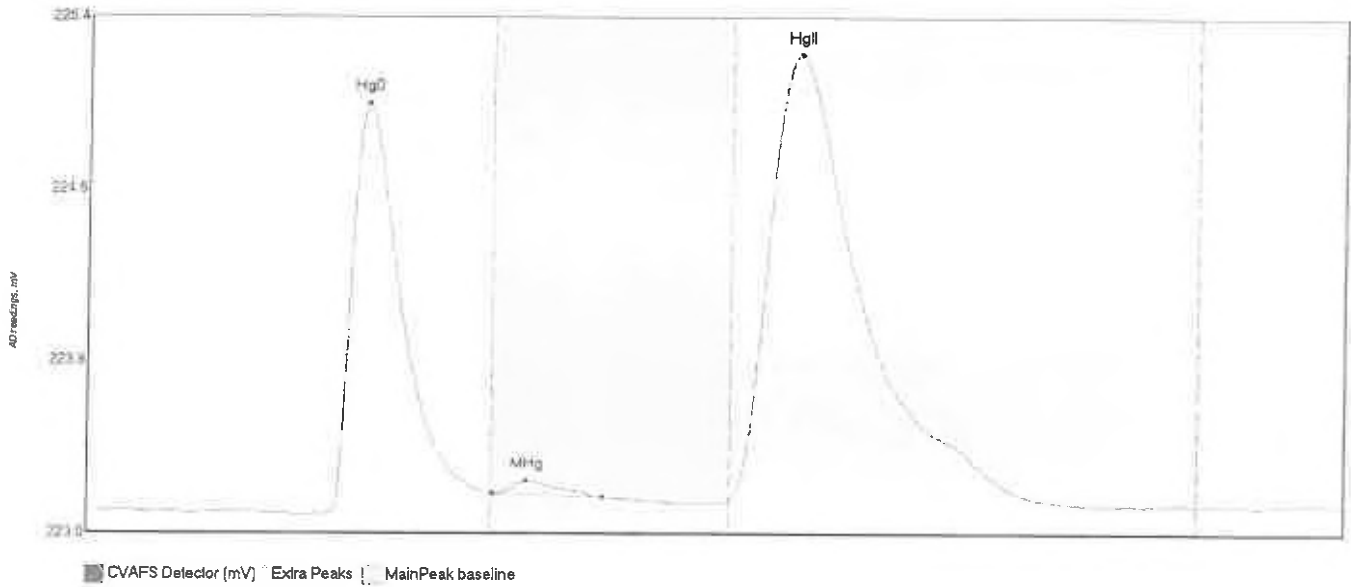
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-66 Hg0	297.720	47.1	80.0	223.08	223.19	55.3	2.690	CT	223.0825	0.00	0.05	F009426
0100073-66 MHg	20.533	80.5	107.2	223.18	223.15	87.9	0.169	OK	223.0825	0.00	0.05	F009426
0100073-66 HgII	789.209	127.5	190.5	223.13	223.16	139.8	3.759	OK	223.0825	0.00	0.05	F009426

#220: 0100073-69



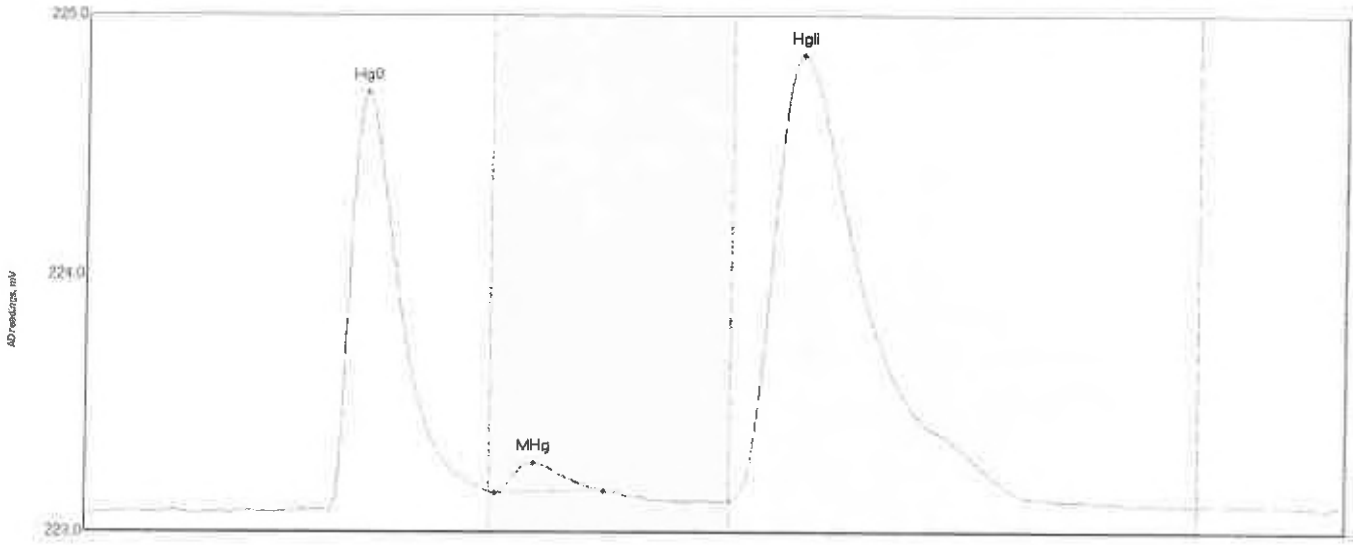
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-69 Hg0	236.007	48.1	80.0	223.09	223.18	55.6	2.127	CT	223.0947	0.00	0.00	F009426
0100073-69 MHg	12.450	81.1	105.4	223.18	223.15	88.5	0.100	OK	223.0947	0.00	0.00	F009426
0100073-69 HgII	330.379	127.5	187.5	223.12	223.12	141.6	1.605	OK	223.0947	0.00	0.00	F009426

#221: 0100073-70



Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak W	Flags	Height	Width	Height	Comment
0100073-70 Hg0	214.734	47.9	56.5	223.07	223.11	224.7	2.712	CT	224.7	2.712	0.04	F00942e
0100073-70 MHg	7.147	80.5	100.14	223.17	223.15	223.1	0.042	OK	223.1	0.042	0.04	F00942e
0100073-70 HgII	441.531	127.5	100.14	223.14	223.14	224.7	2.712	OK	224.7	2.712	0.04	F00942e

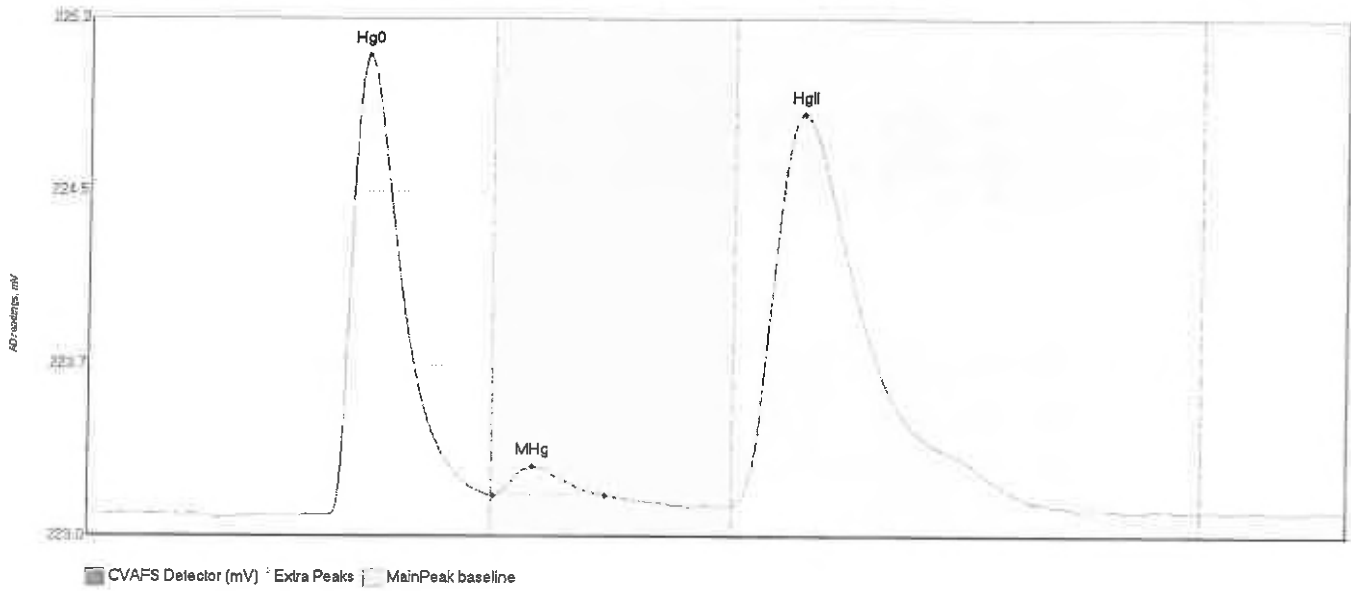
#22: 000073-72



CVAPS Detector (mV) Extra Peaks MainPeak baseline

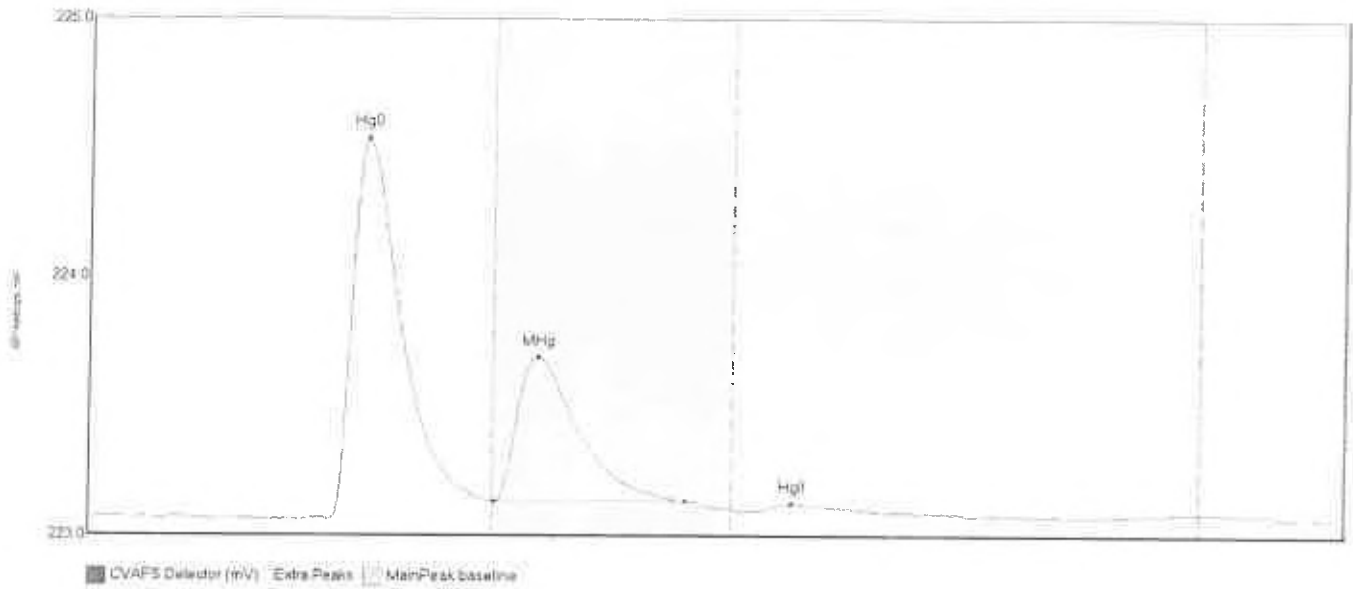
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-72 Hg0	176.228	41.1	80.0	223.09	223.17	55.3	1.621	CT	223.0855	0.00	0.02	F009426
0100073-72 MHg	12.149	81.1	102.7	223.16	223.17	88.7	0.113	OK	223.0855	0.00	0.02	F009426
0100073-72 HgII	358.494	127.5	188.1	223.13	223.14	141.3	1.726	OK	223.0855	0.00	0.02	F009426

#223: 0100073-73



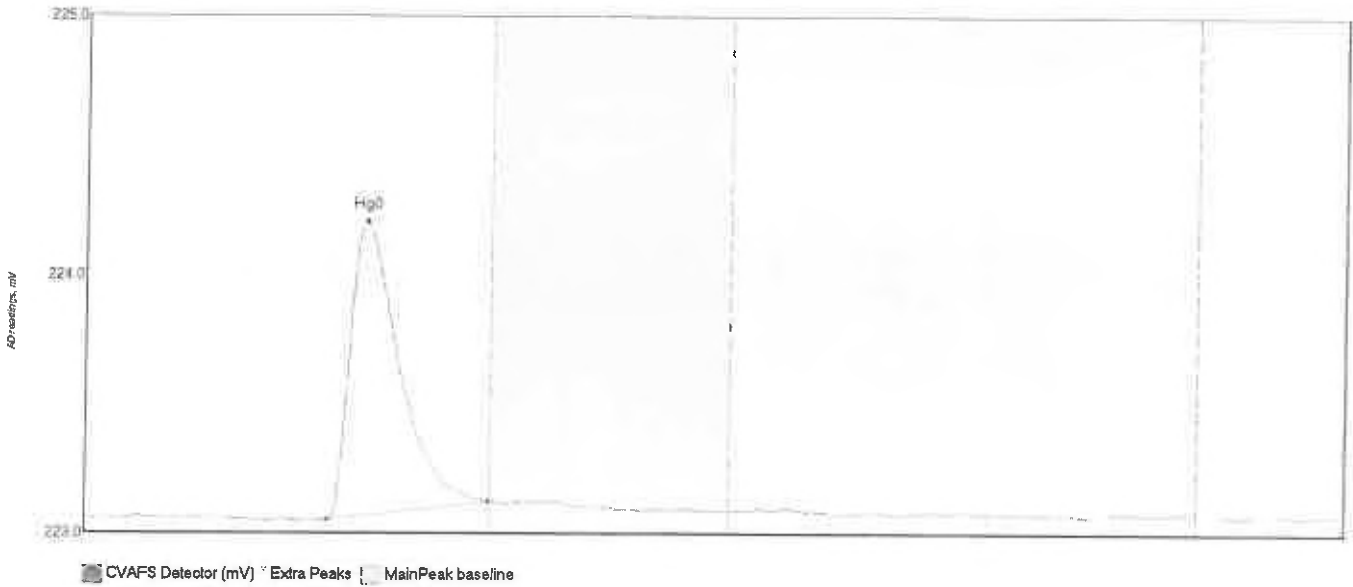
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-73 Hg0	213.124	44.1	80.0	223.09	223.18	55.3	1.935	CT	223.0864	0.00	0.02	F009426
0100073-73 MHg	12.661	80.4	102.2	223.17	223.17	88.1	0.118	OK	223.0864	0.00	0.02	F009426
0100073-73 HgII	345.162	127.5	190.3	223.13	223.12	141.0	1.651	OK	223.0864	0.00	0.02	F009426

#224: SEQ-CCVJ



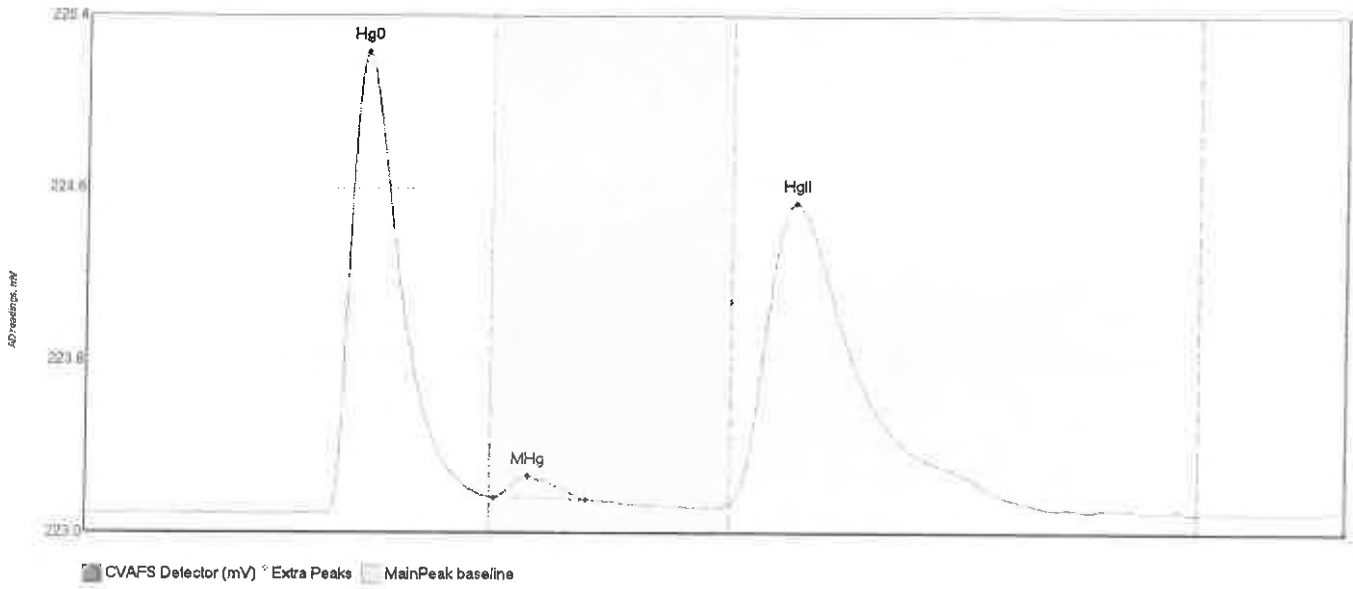
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVJ Hg0	160.120	47.7	80.0	223.09	223.15	55.3	1.464	CT	223.0896	0.00	0.00	
SEQ-CCVJ MHg	77.390	80.4	118.2	223.15	223.16	88.8	0.556	OK	223.0896	0.00	0.00	
SEQ-CCVJ HgI	2.247	132.9	151.4	223.12	223.13	139.5	0.027	OK	223.0896	0.00	0.00	

#225: SEQ-CCBJ



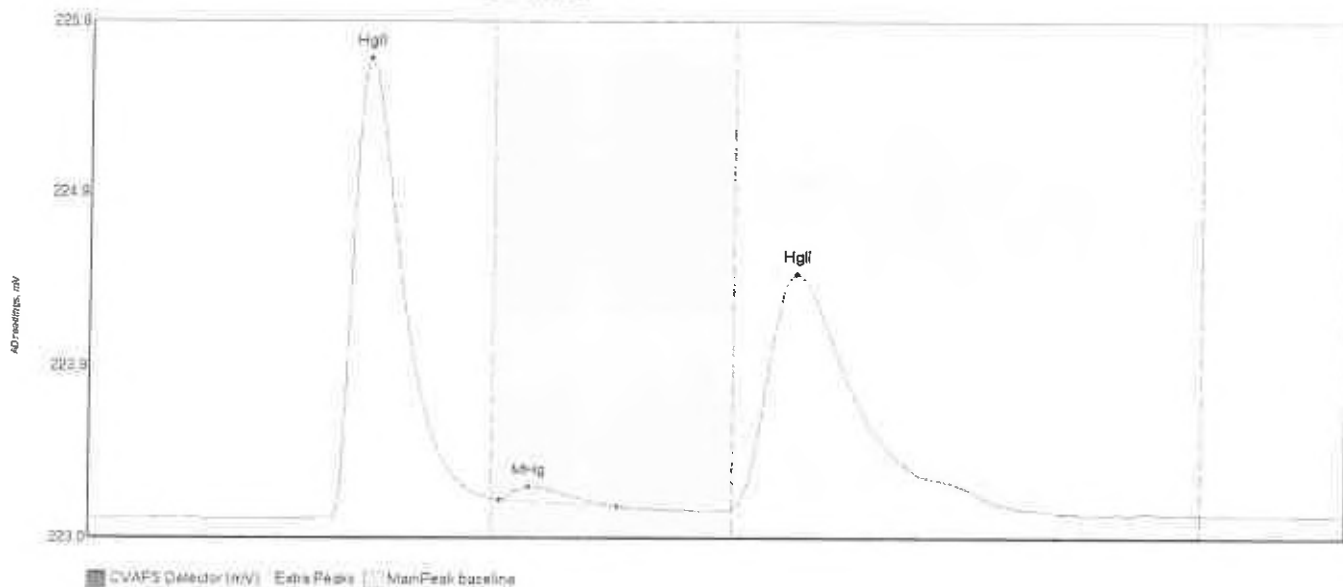
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBJ	126.472	48.0	79.7	223.08	223.15	55.5	1.153	OK	223.0898	0.00	0.01	

#226: 0100073-74



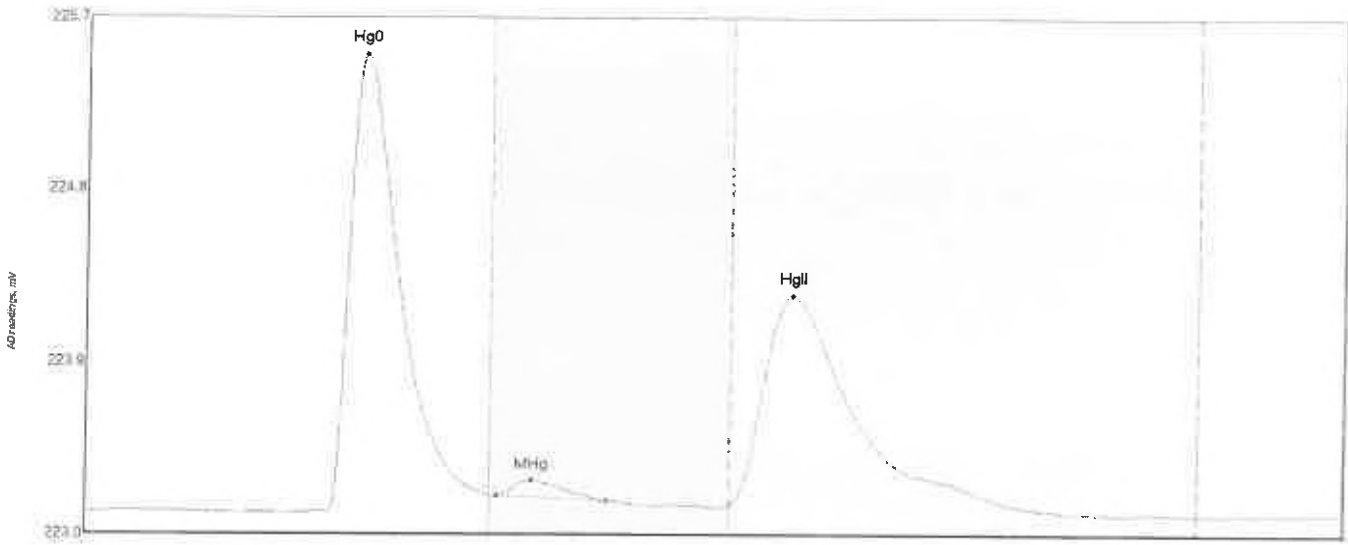
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-74 Hg0	238.302	47.8	80.0	223.09	223.17	55.3	2.153	CT	223.0894	0.00	0.01	F009426
0100073-74 MHg	10.053	80.8	99.2	223.16	223.15	87.6	0.099	OK	223.0894	0.00	0.01	F009426
0100073-74 HgII	284.378	127.5	185.4	223.13	223.14	140.0	1.412	OK	223.0894	0.00	0.01	F009426

#22F.000073-75



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-75 Hg0	281.414	44.4	80.0	223.09	223.20	55.4	2.553	CT	223.0878	0.00	0.02	F009426
0100073-75 MHg	9.982	81.4	104.7	223.19	223.15	87.2	0.071	OK	223.0878	0.00	0.02	F009426
0100073-75 HgII	262.172	127.5	184.5	223.15	223.14	139.9	1.302	OK	223.0878	0.00	0.02	F009426

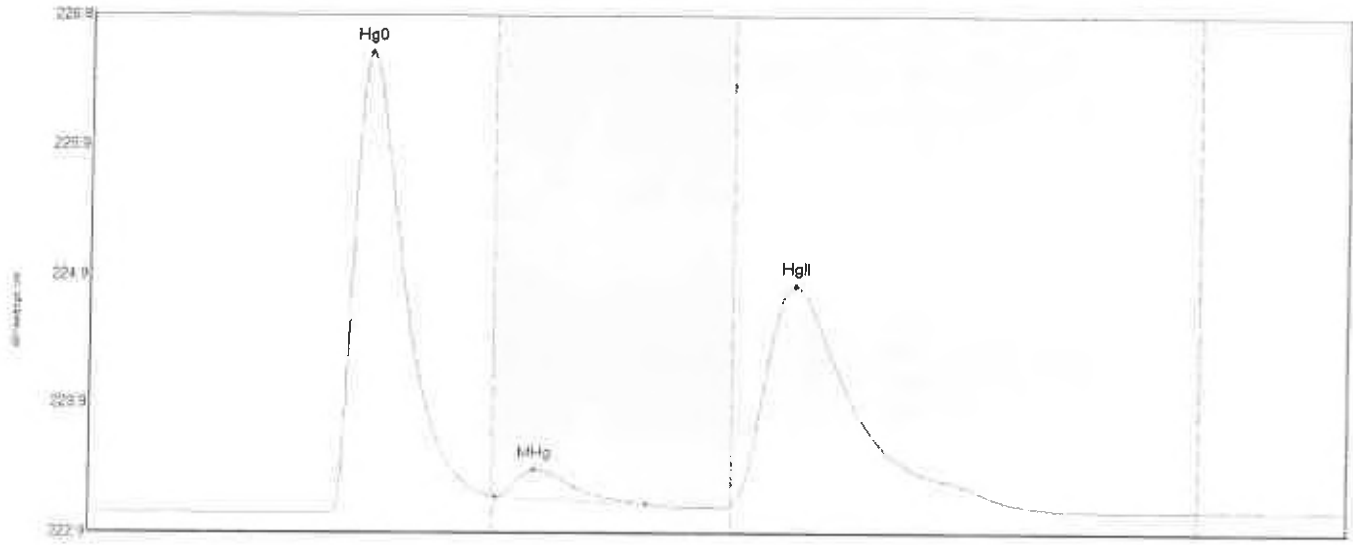
#228: 0100073-78



CVAFS Detector (mV) Extra Peaks MainPeak baseline

None	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
0100073-78	Hg0	265.642	47.9	80.0	223.09	223.18	55.3	2.404	CT	223.0916	0.00	-0.02	F009426
0100073-78	MHg	10.069	81.4	103.2	223.17	223.15	88.2	0.083	OK	223.0916	0.00	-0.02	F009426
0100073-78	HgII	217.227	127.5	182.1	223.13	223.13	139.8	1.099	OK	223.0916	0.00	-0.02	F009426

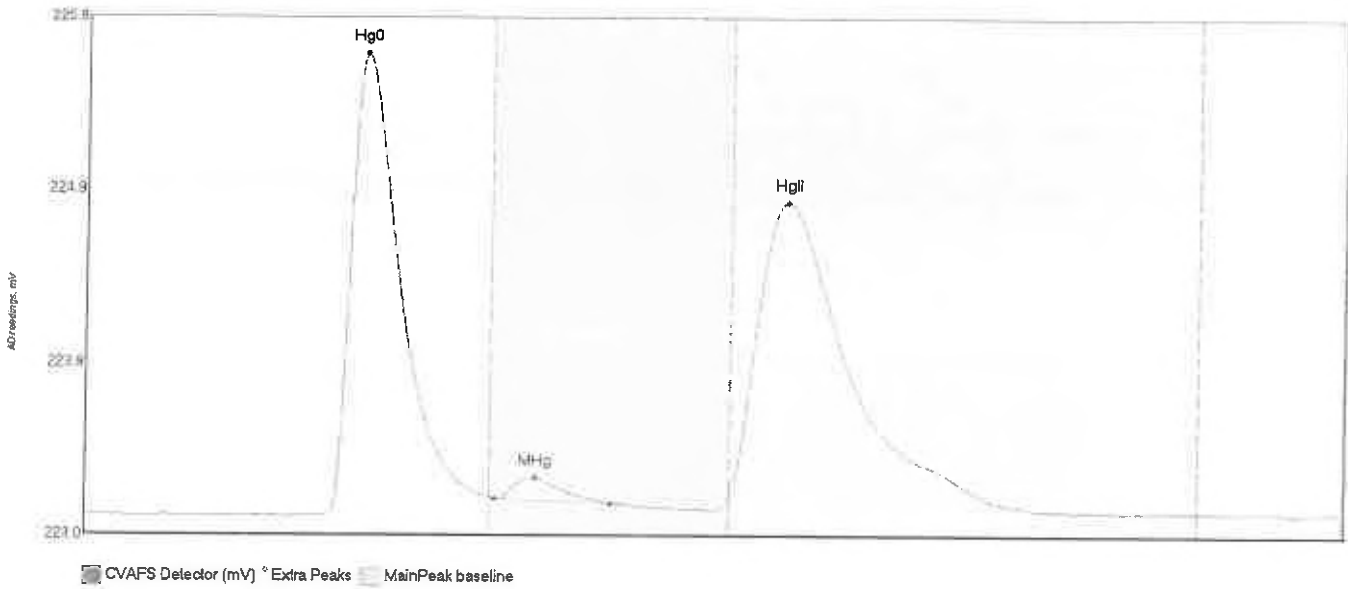
#229: 0100073-79



CVAFS Detector (mV) Extra Peaks MainPeak baseline

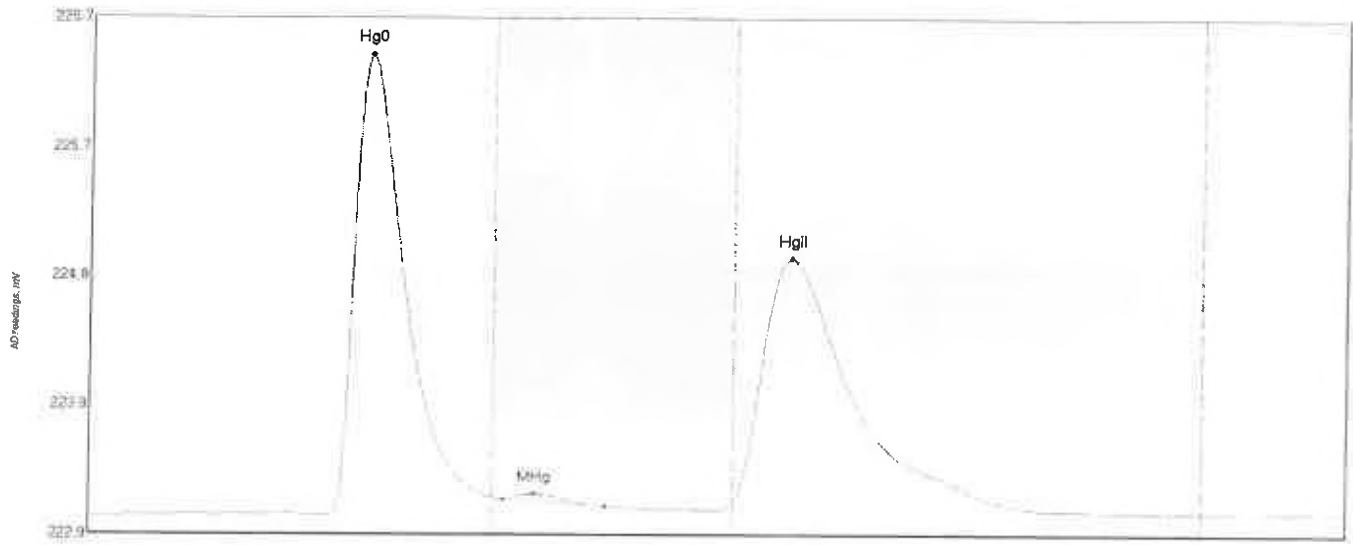
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	Width	Shift	Comment
0100073-79 Hg0	387.994	47.5	80.0	223.09	223.22	55.6	3.479	CT	223.09	0.20	0.03	F009426
0100073-79 MHg	28.590	80.8	110.4	223.21	223.16	88.3	0.210	OK	223.09	0.20	0.03	F009426
0100073-79 HgII	337.565	127.5	191.5	223.16	223.12	139.8	1.659	OK	223.09	0.20	0.03	F009426

#230: 0100073-81



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-81 Hg0	278.447	47.0	80.0	223.09	223.19	55.3	2.530	CT	223.0937	0.00	0.02	F009426
0100073-81 MHg	13.447	81.0	104.0	223.18	223.15	89.0	0.111	OK	223.0937	0.00	0.02	F009426
0100073-81 HgII	319.078	127.5	180.4	223.21	223.16	138.4	1.603	OK	223.0937	0.00	0.02	F009426

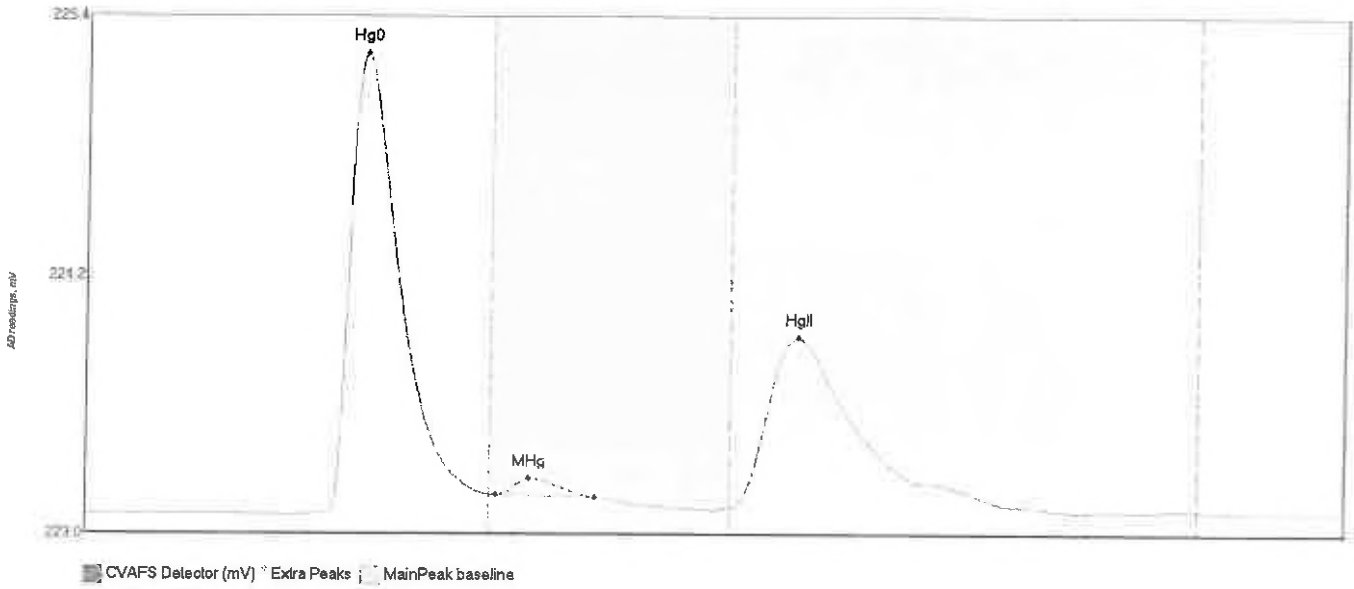
#231: 0100073-82



CVAFS Detector (mV) Extra Peaks MainPeak baseline

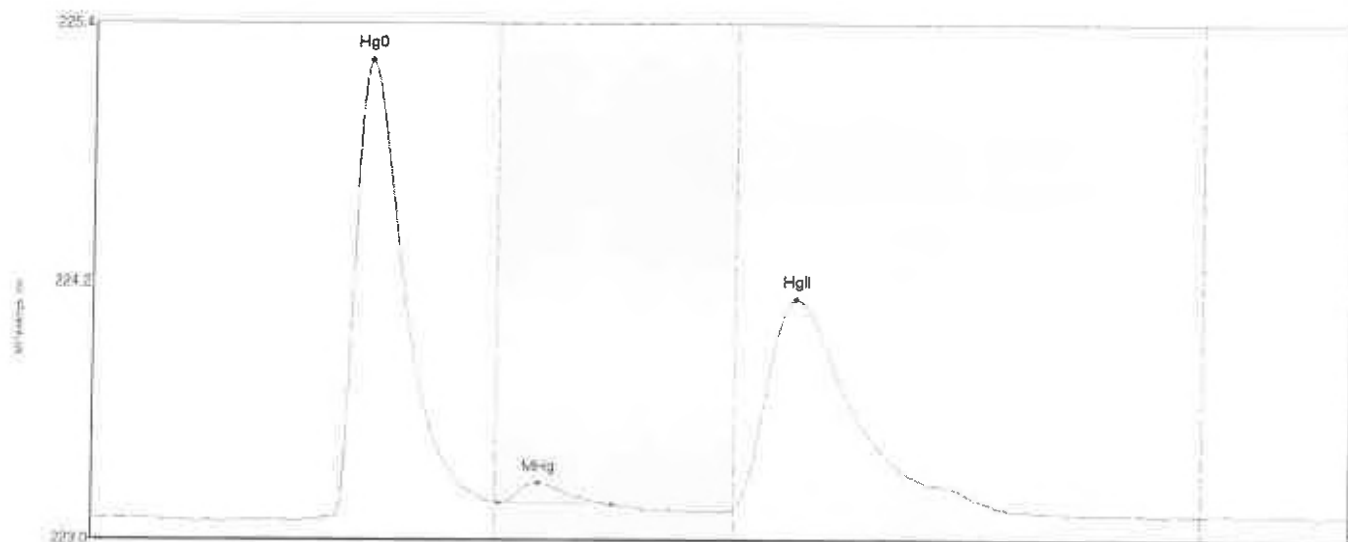
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Comment
0100073-82 Hg0	357.774	6.2	80.0	223.09	223.21	55.6	3.311	CT	223.0833	0.00	F009426
0100073-82 MHg	5.238	82.3	102.3	223.20	223.15	88.3	0.040	OK	223.0833	0.00	F009426
0100073-82 HgII	353.501	127.5	187.7	223.18	223.13	138.7	1.754	OK	223.0833	0.00	F009426

#232: 0100073-84



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	R1Shift	Comment
0100073-84 Hg0	233.903	47.8	80.0	223.10	223.19	55.4	2.138	CT	223.0967	0.00	0.01	0100073
0100073-84 MHg	7.923	81.3	100.8	223.19	223.18	67.7	0.078	OK	223.0967	0.00	0.01	0100073
0100073-84 HgII	160.162	127.5	183.2	223.12	223.13	140.8	0.800	OK	223.0967	0.00	0.01	0100073

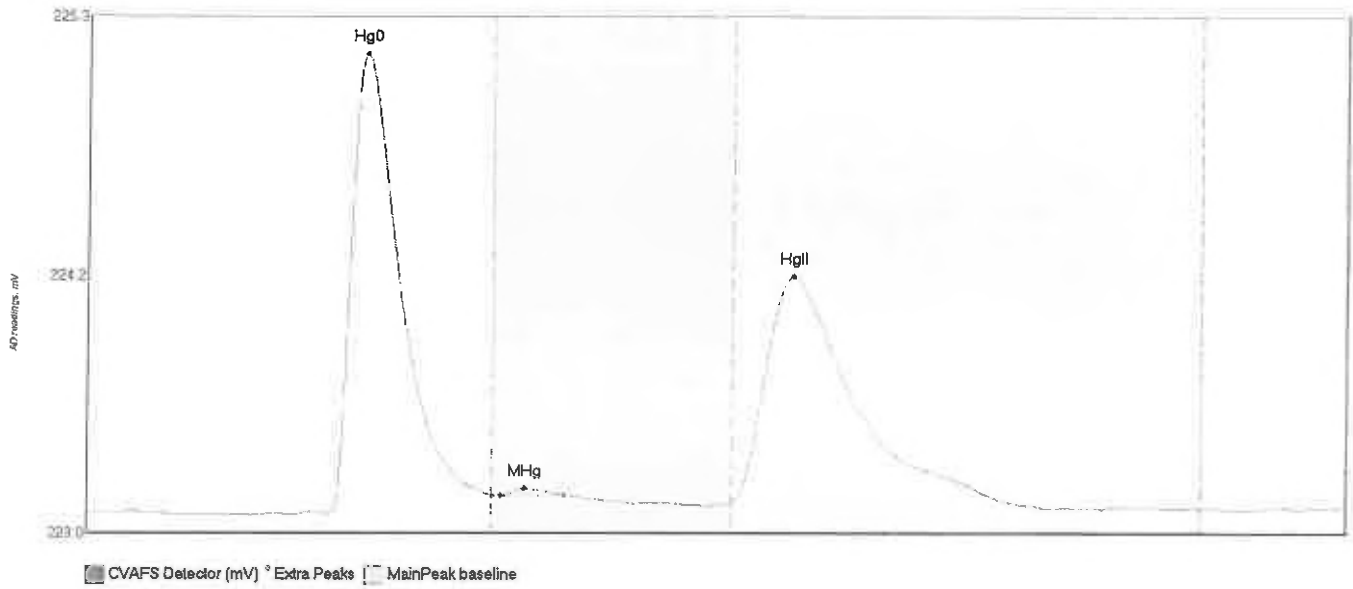
#238: 0100073-85



■ CVAFS Detector (mV) ◊ Extra Peaks □ MainPeak baseline

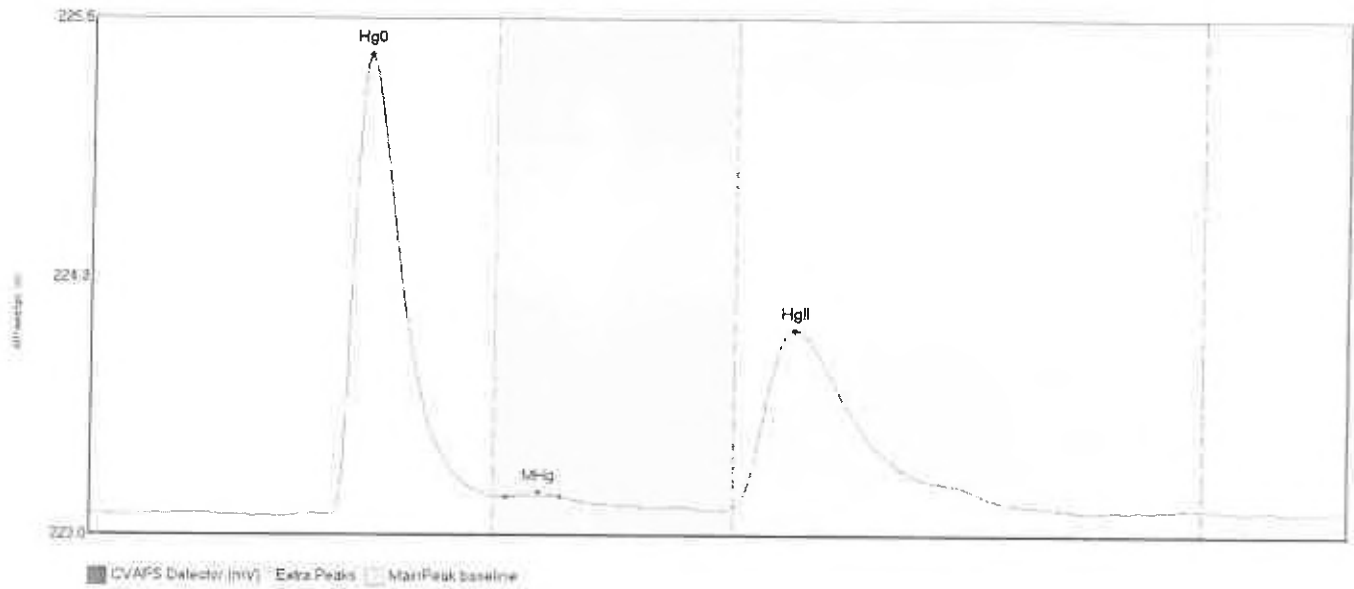
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-85 Hg0	231.909	44.2	80.0	223.10	223.18	55.1	2.139	CT	223.1008	0.00	0.01	F009426
0100073-85 HgI	10.406	80.9	103.1	223.17	223.17	88.6	0.093	OK	223.1008	0.00	0.01	F009426
0100073-85 HgII	194.333	127.5	182.1	223.15	223.14	139.3	0.978	OK	223.1008	0.00	0.01	F009426

#234: 0100073-90



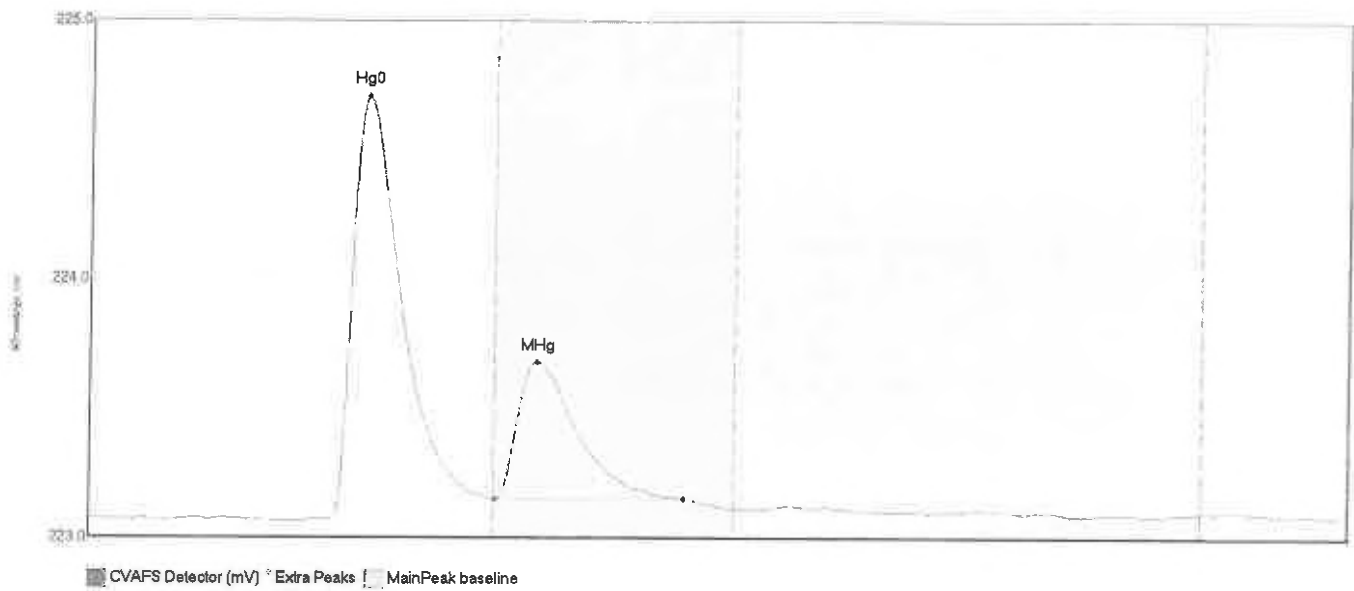
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment	
2100073-90	Hg0	223.399	48.0	80.0	223.10	223.18	55.0	2.057	CT	223.1005	0.00	0.02	F009427
2100073-90	MHg	2.186	81.8	94.4	223.18	223.18	86.5	0.030	OK	223.1005	0.00	0.02	F009427
2100073-90	HgII	197.815	127.5	181.0	223.15	223.15	139.2	1.008	OK	223.1005	0.00	0.02	F009427

#235: 000073-91



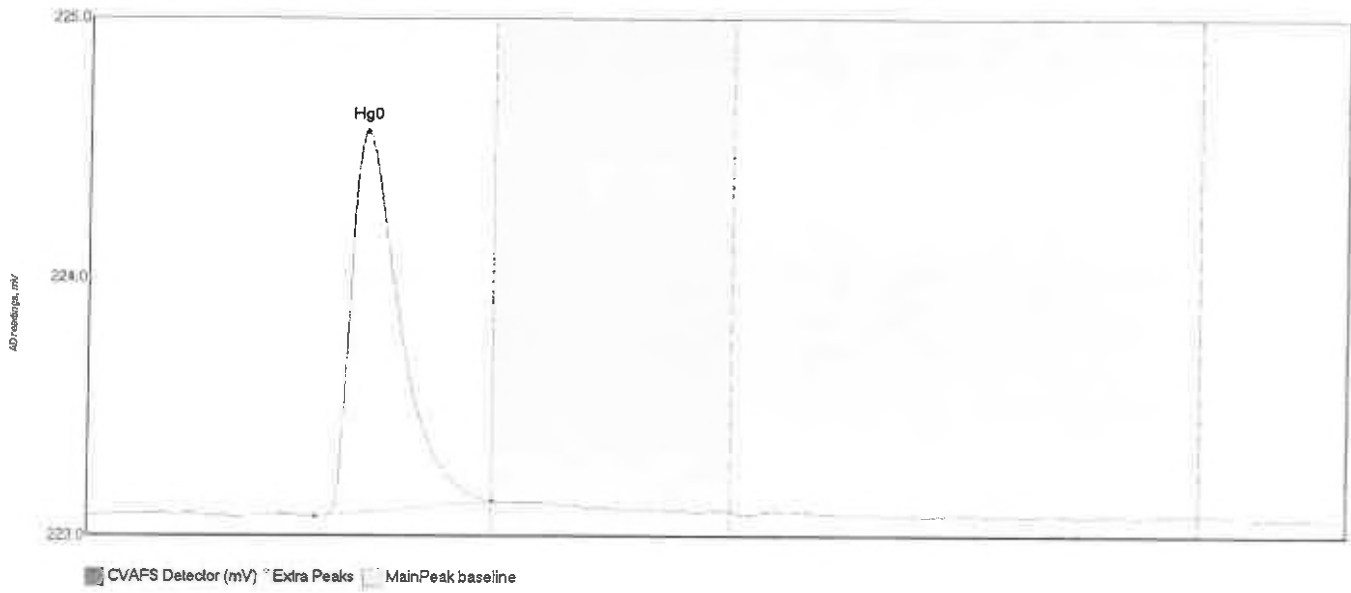
Date	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Integration	Integration	Comment
02/20/01	Hg0 239.890	47.7	80.0	223.11	223.20	55.1	2.206	CT	223.1153	2.45	5.07	F009427
02/20/01	MHg 1.391	82.6	93.2	223.19	223.19	88.9	0.020	OK	223.1153	2.45	5.07	F009427
02/20/01	HgII 177.551	127.5	185.1	223.15	223.15	139.3	0.851	OK	223.1153	2.45	5.07	F009427

#236: SEQ-CCVK



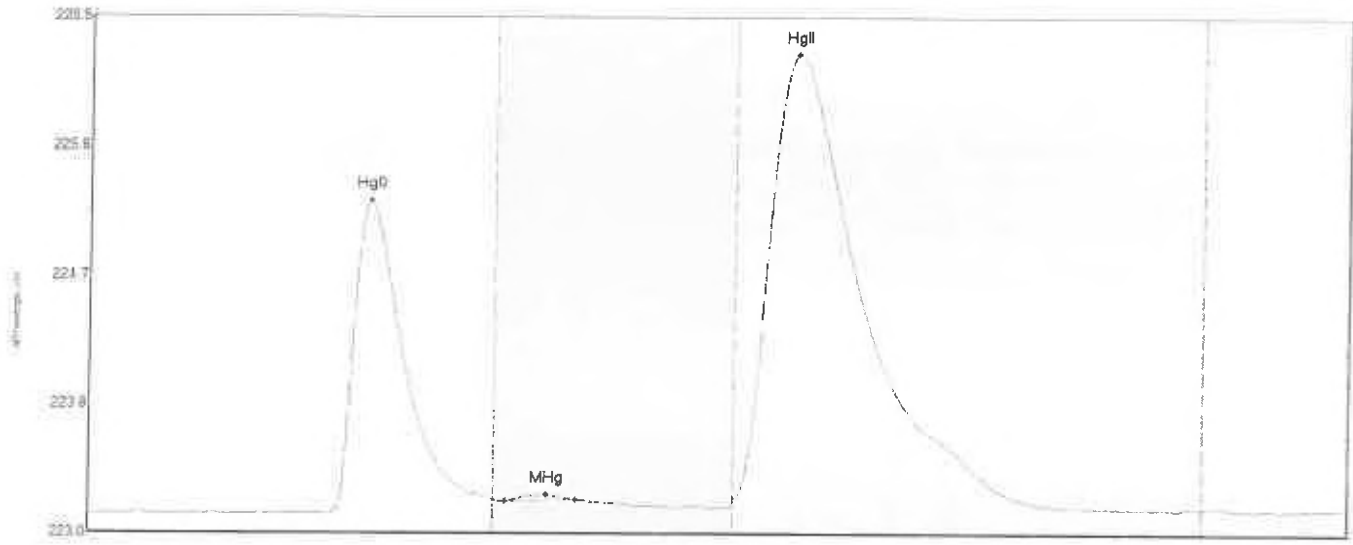
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVK Hg0	177.741	46.7	80.0	223.11	223.19	55.1	1.632	CT	223.1135	0.00	0.00	
SEQ-CCVK MHg	71.185	80.3	117.5	223.19	223.19	88.6	0.531	OK	223.1135	0.00	0.00	

#237: SEQ-CCBK



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBK	163.468	45.4	80.0	223.11	223.17	55.1	1.491	CF	223.1194	0.00	-0.02	

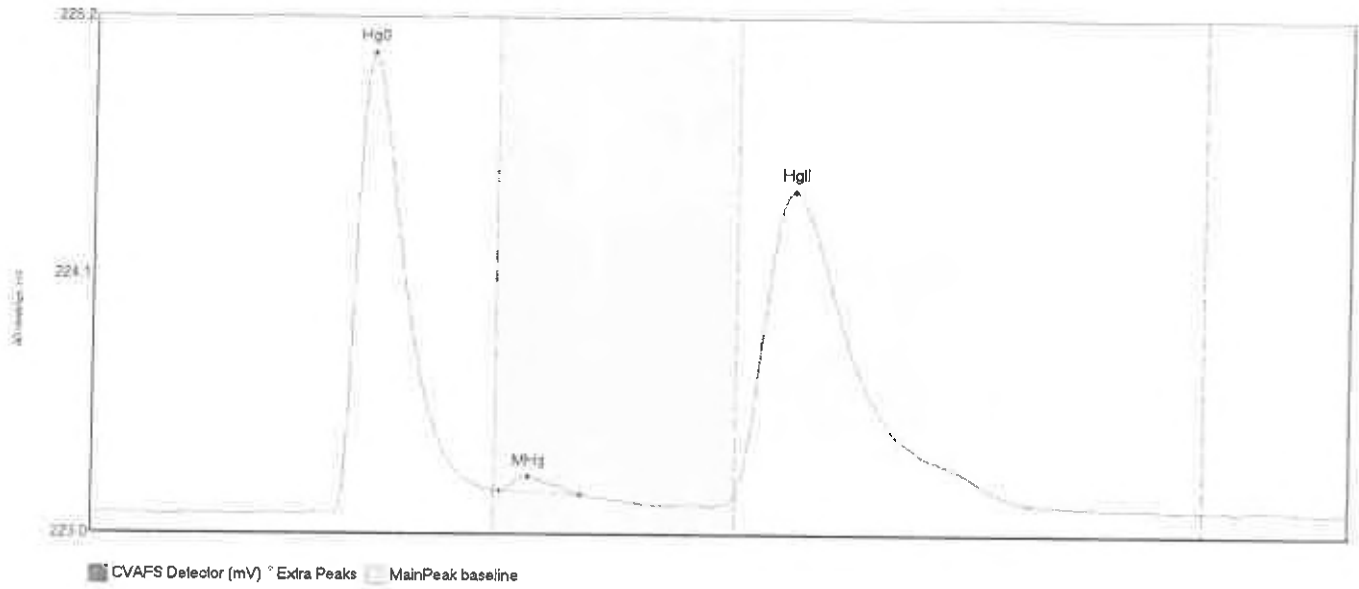
#238: 000073-93



CVAFS Detector (mV) Extra Peaks MainPeak baseline

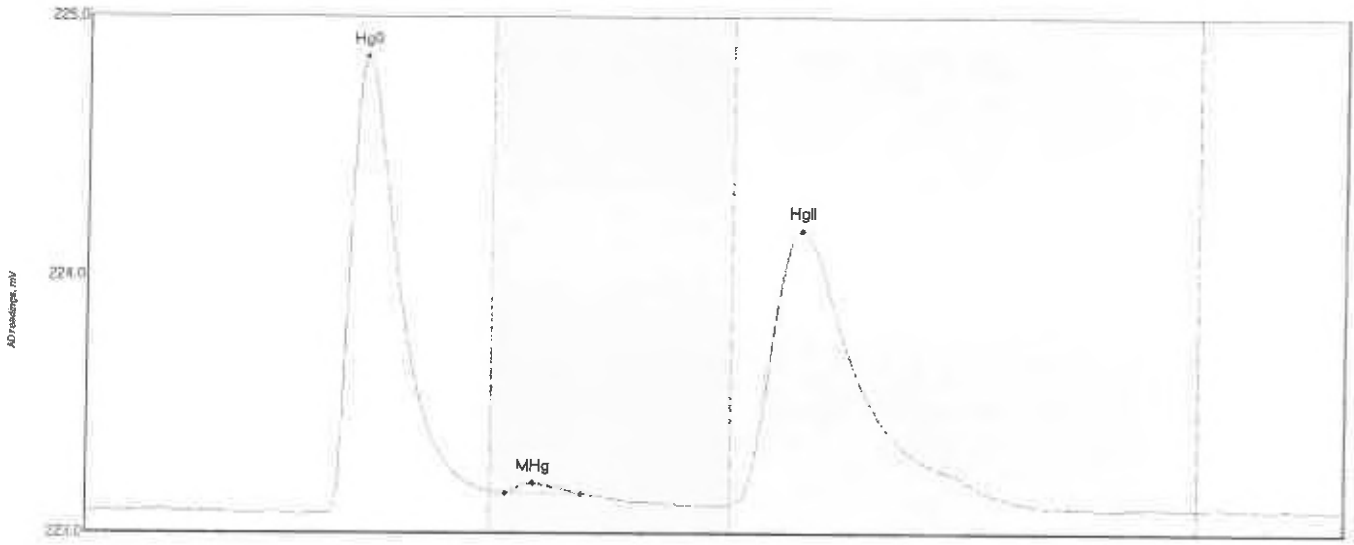
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0	223.262	0.6	80.0	223.09	223.21	55.4	2.125	CT	223.0922	0.00	0.03	F009427
MHg	3.297	82.2	96.4	223.19	223.20	90.6	0.041	OK	223.0922	0.00	0.05	F009427
HgII	633.014	127.5	188.3	223.18	223.16	139.6	3.040	OK	223.0922	0.00	0.05	F009427

#239: 0100073-94



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Hj Dev	SLV1121	Comment
0100073-94 Hg0	209.584	47.9	80.0	223.11	223.21	55.3	1.935	CT	223.1090	0.00	0.01	F009427
0100073-94 MHg	5.507	81.2	97.0	223.20	223.19	86.7	0.059	OK	223.1090	0.00	0.01	F009427
0100073-94 HgII	259.303	127.5	185.6	223.20	223.15	138.8	1.277	OK	223.1090	0.00	0.01	F009427

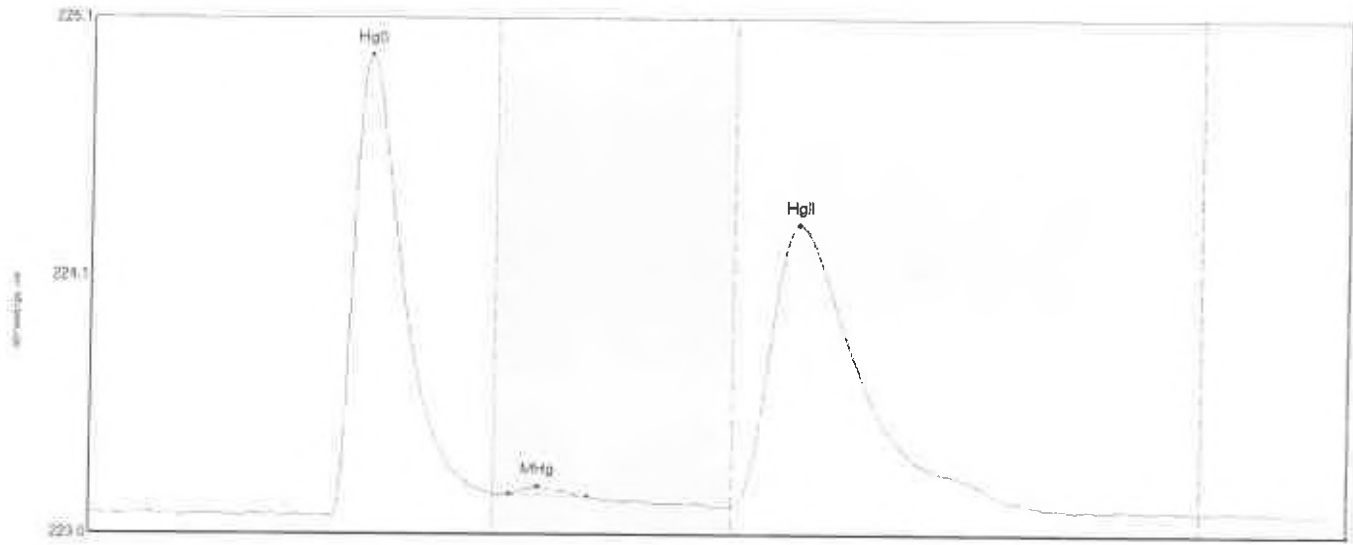
#240: 000073-95



CVAFS Detector (mV) Extra Peaks MainPeak baseline

Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
Hg0 192.309	48.1	80.0	223.10	223.19	55.3	1.789	CT	223.1141	0.00	0.00	F009427
MHg 3.346	83.1	98.1	223.18	223.18	88.5	0.038	OK	223.1141	0.00	0.00	F009427
HgII 212.483	127.5	185.7	223.13	223.14	141.3	1.069	OK	223.1141	0.00	0.00	F009427

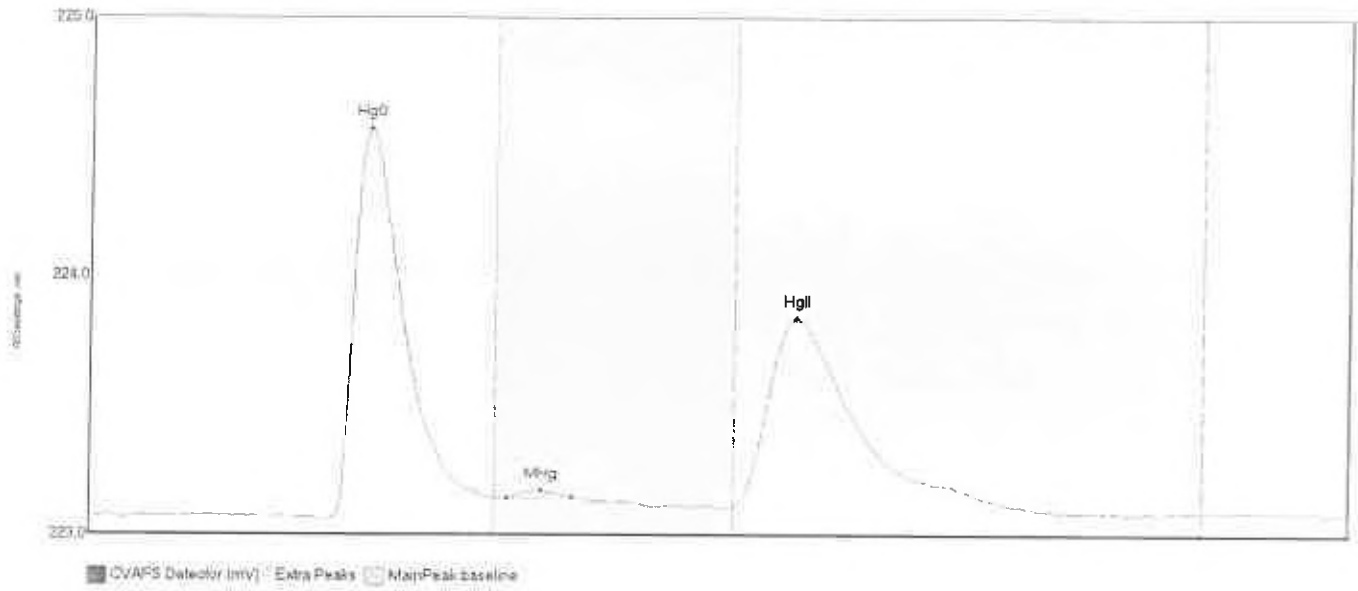
#241: 0100073-97



CVAFS Detector (mV) Extra Peaks MainPeak baseline

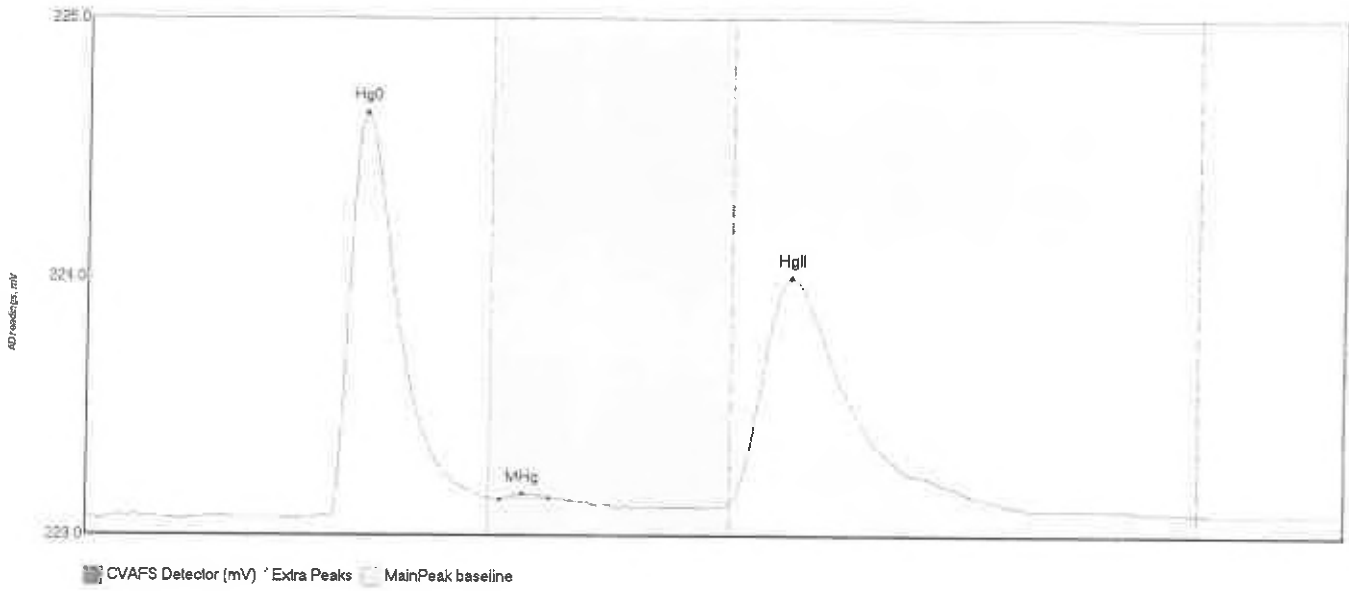
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-97 Hg0	200.848	47.8	80.0	223.12	223.20	55.2	1.845	CT	223.1294	0.30	8.70	F009427
0100073-97 MHg	2.883	83.1	98.6	223.21	223.19	88.7	0.028	OK	223.1294	0.05	0.08	F009427
0100073-97 HgII	124.399	127.5	185.7	223.16	223.16	140.3	1.123	OK	223.1294	0.05	0.08	F009427

#242: 0100073-98



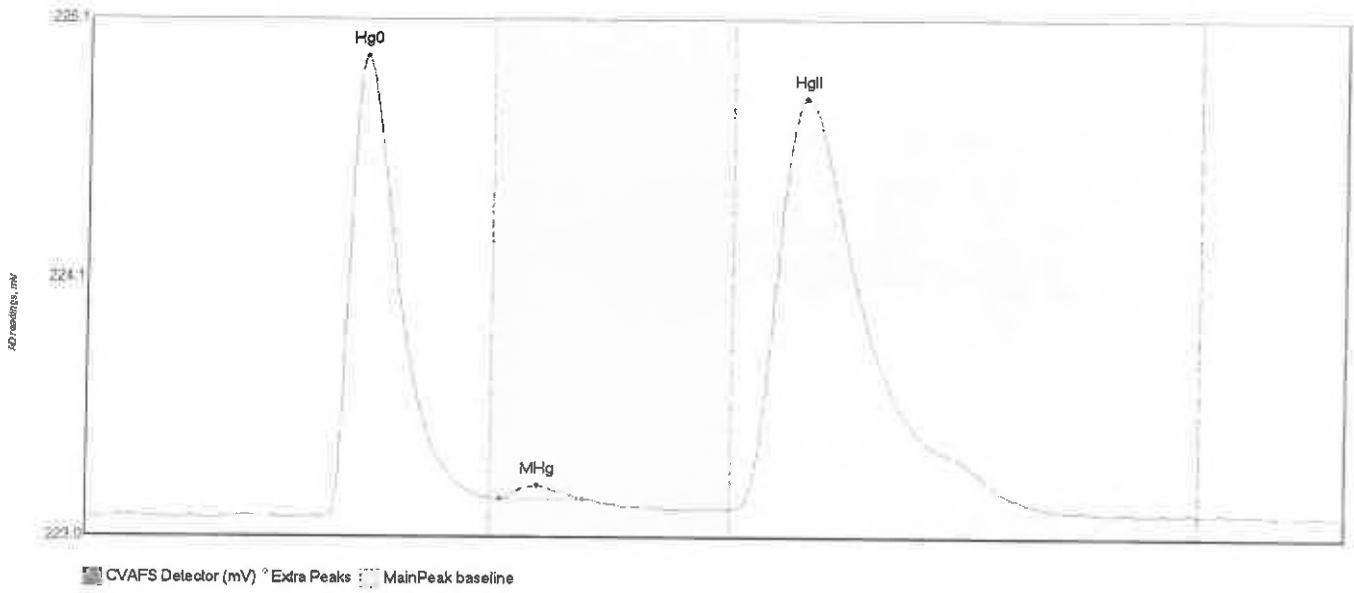
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-98 Hg0	164.133	46.8	79.7	223.10	223.18	55.2	1.512	OK	223.1131	0.00	0.01	F009427
0100073-98 MHg	2.262	82.6	95.7	223.18	223.19	89.4	0.030	OK	223.1131	0.00	0.01	F009427
0100073-98 HgII	139.721	127.5	182.5	223.15	223.15	139.6	0.726	OK	223.1131	0.00	0.01	F009427

#243: 0100073-99



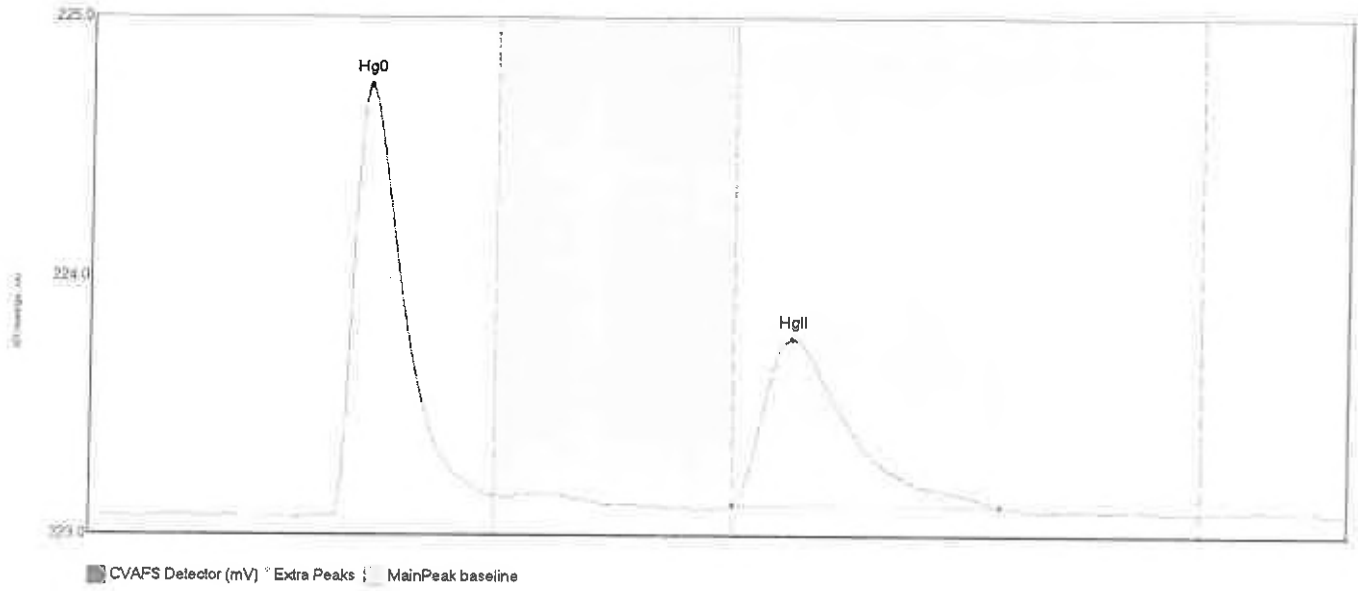
Area	Start time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0 168.761	48.0	80.0	223.12	223.19	55.0	1.555	CT	223.1168	0.00	0.01	F009427
MHg 1.131	82.1	91.7	223.18	223.19	86.6	0.022	OK	223.1168	0.00	0.01	F009427
HgII 162.477	127.5	177.8	223.17	223.18	139.3	0.870	OK	223.1168	0.00	0.01	F009427

#244: 0100073-AB



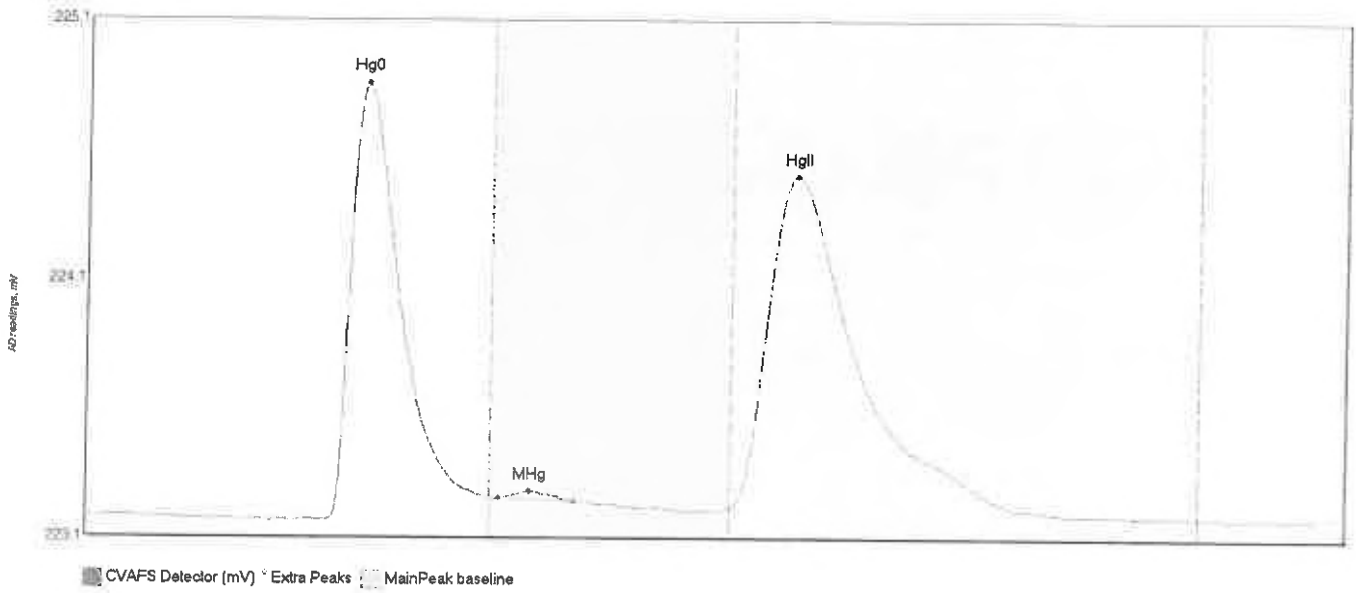
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AB Hg0	196.371	48.0	80.0	223.13	223.20	55.2	1.818	CT	223.1303	0.00	0.00	F009427
0100073-AB MHg	5.245	81.9	98.4	223.20	223.20	89.4	0.057	OK	223.1303	0.00	0.00	F009427
0100073-AB HgII	332.364	128.4	189.8	223.16	223.16	141.9	1.629	OK	223.1303	0.00	0.00	F009427

#245: 0100073-AC



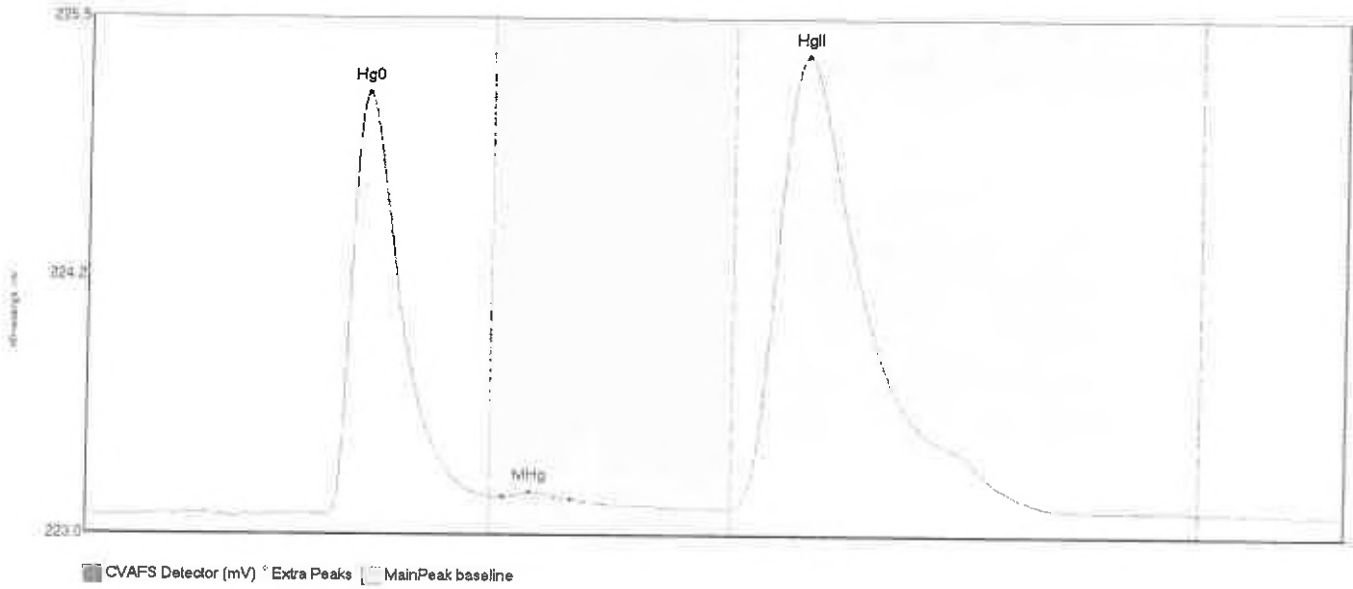
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Shift	Comment
0100073-AC Hg0	180.856	47.3	79.7	223.12	223.20	55.2	1.660	OK	223.1118	0.00	0.02	
0100073-AC HgII	123.698	127.5	180.0	223.16	223.16	138.9	0.644	OK	223.1118	0.00	0.02	

#246: 0100073-AE



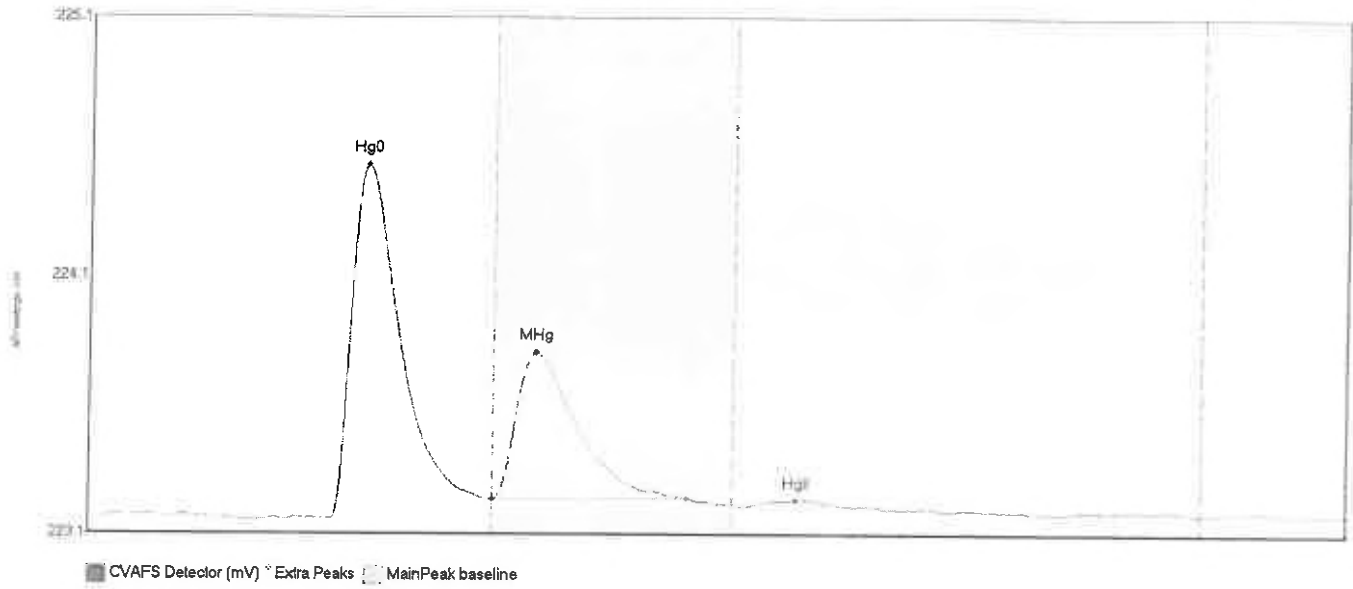
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100073-AE Hg0	181.630	47.3	80.0	223.13	223.22	55.2	1.682	CT	223.1402	0.00	0.00	F009427
0100073-AE MHg	2.740	81.8	96.7	223.21	223.20	87.9	0.027	OK	223.1402	0.00	0.00	F009427
0100073-AE HgII	250.577	127.5	181.5	223.17	223.18	140.1	1.286	OK	223.1402	0.90	0.00	F009427

#247: 0100073-AF



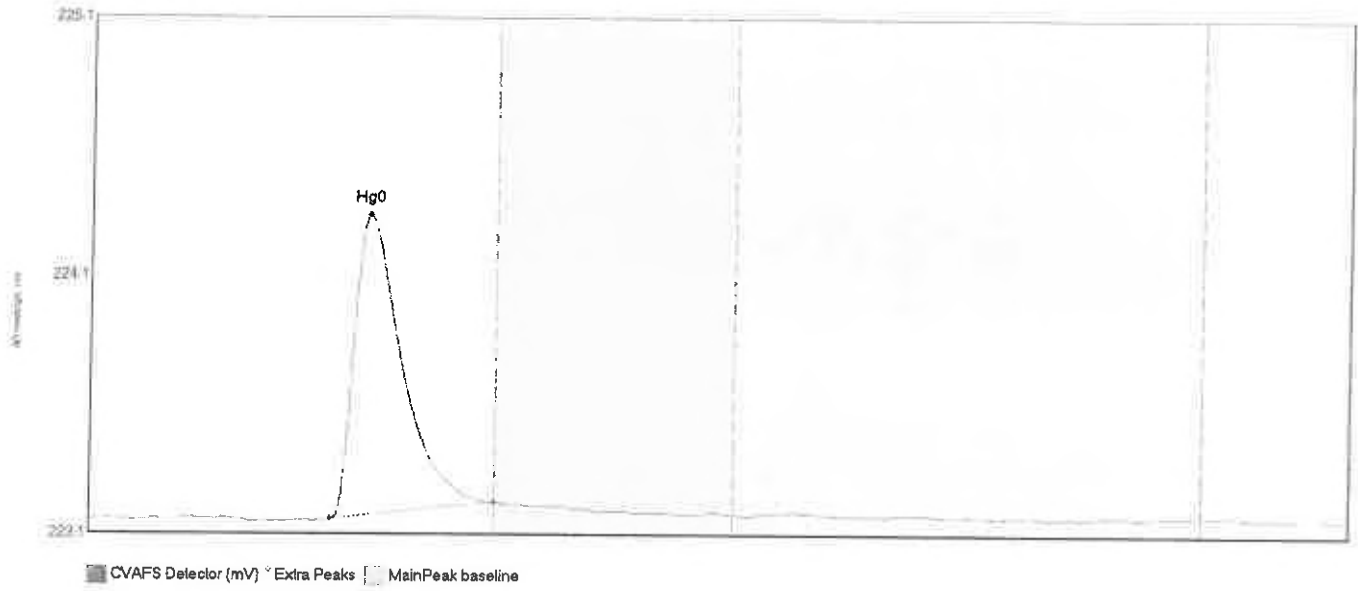
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-AF Hg0	215.741	47.0	80.0	223.12	223.21	55.2	1.987	CT	223.1218	0.00	0.01	F009427
0100073-AF MHg	2.277	82.6	96.0	223.21	223.20	87.9	0.026	OK	223.1218	0.00	0.01	F009427
0100073-AF HgII	437.389	127.5	192.6	223.15	223.15	141.8	2.146	OK	223.1210	0.00	0.01	F009427

#248: SEQ-CCVL



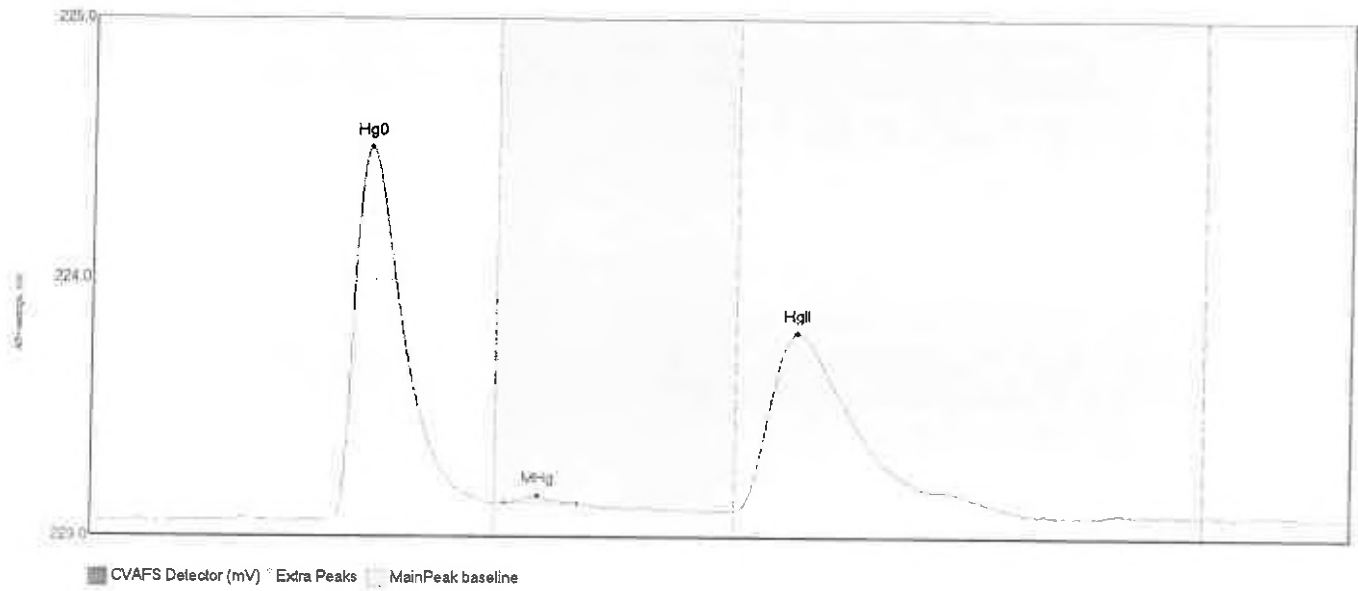
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVL Hg0	147.897	47.5	79.9	223.12	223.19	55.1	1.367	OK	223.1253	0.00	0.00	
SEQ-CCVL MHg	77.263	80.0	118.4	223.19	223.20	88.3	0.566	OK	223.1253	0.00	0.00	
SEQ-CCVL HgI	1.673	131.6	147.0	223.17	223.17	140.1	0.018	OK	223.1253	0.00	0.00	

#249: SEQ-CCBL



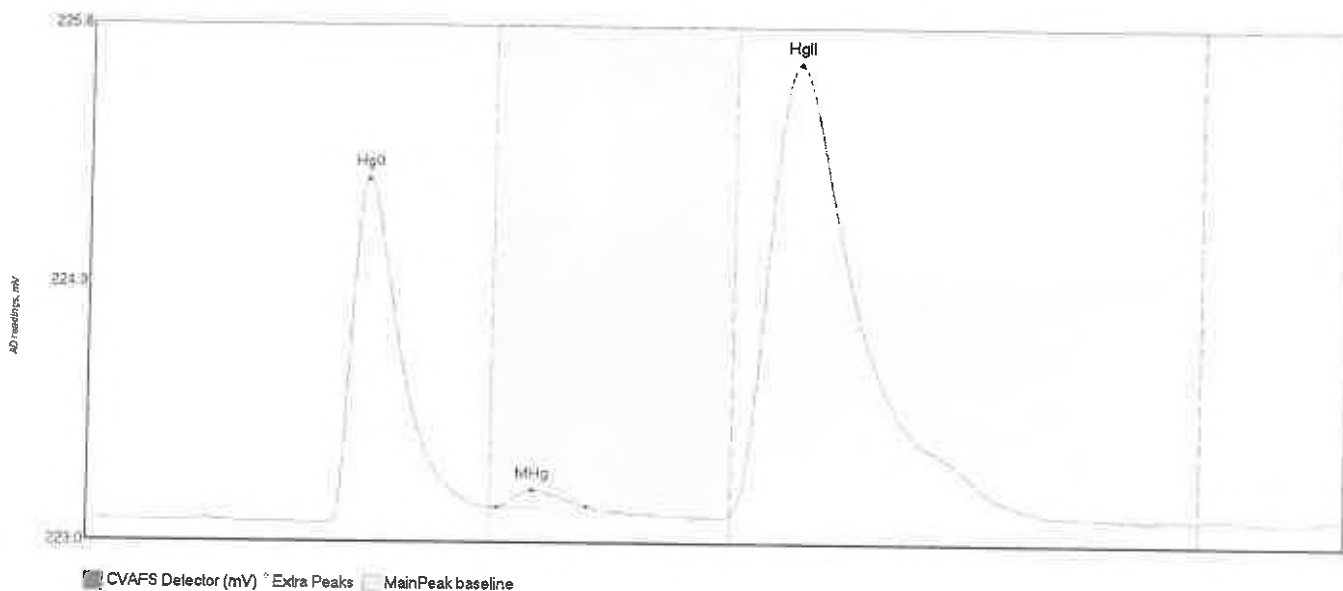
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBL	125.621	47.9	79.8	223.13	223.19	55.3	1.170	OK	223.1228	0.00	0.00	

#250: 0100073-AH

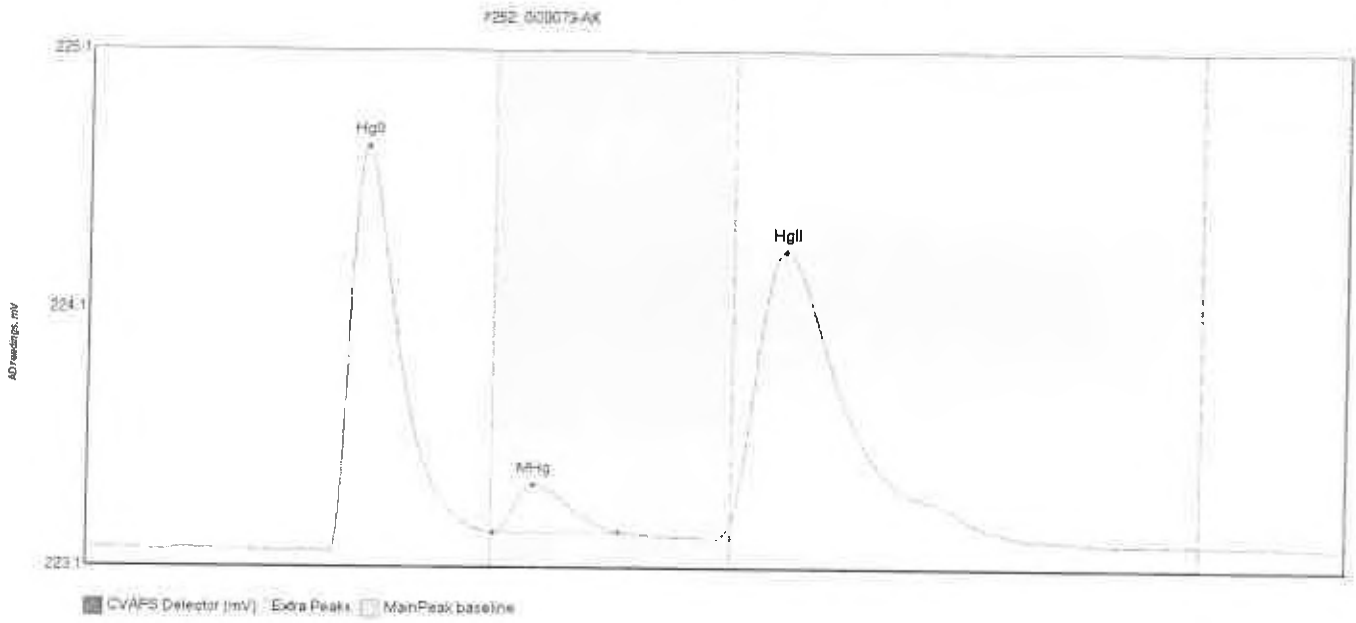


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	HShift	Comment
0100073-AH Hg0	155.606	45.8	80.0	223.11	223.18	55.0	1.442	CT	223.1098	0.100	0.02	F009427
0100073-AH MHg	1.818	82.0	96.4	223.18	223.18	88.5	0.025	OK	223.1098	0.05	0.02	F009427
0100073-AH HgII	138.205	127.5	186.1	223.15	223.14	139.5	0.689	OK	223.1098	0.02	0.02	F009427

#251: 0100073-AI

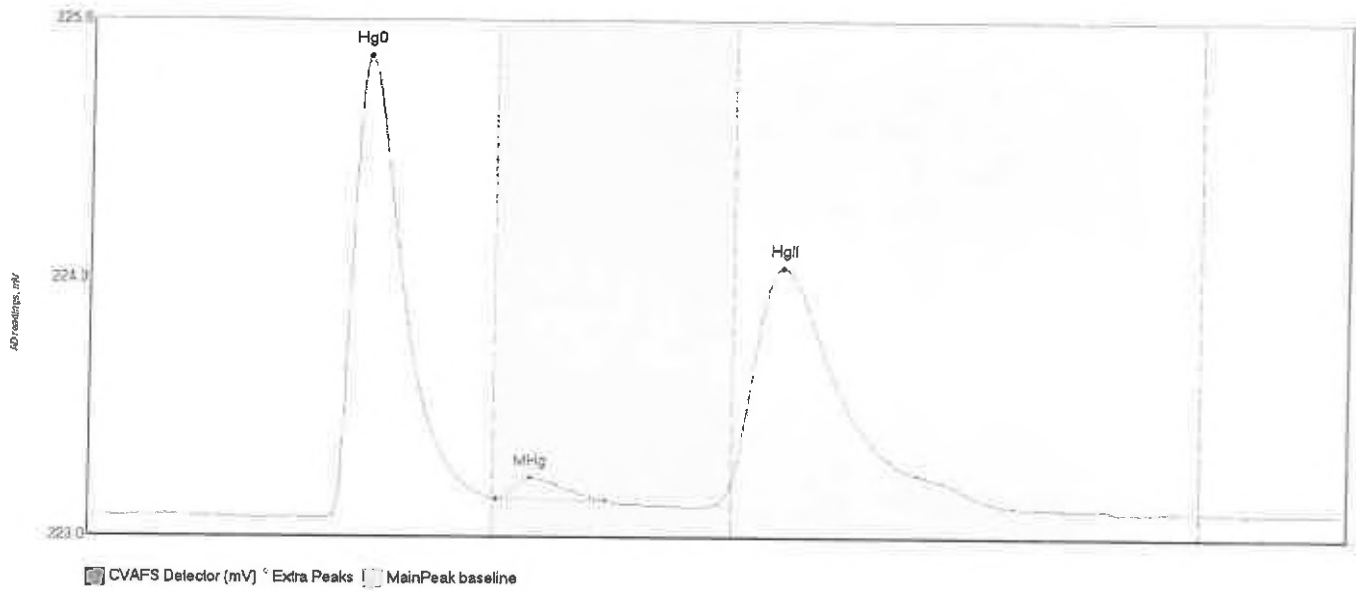


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Sample	Comment
0100073-AI Hg0	185.829	46.6	80.0	223.11	223.29	55.1	1.720	CT	223.1279	0.00	0.31	F009427
0100073-AI MHg	8.156	81.4	99.0	223.19	223.78	88.3	0.085	OK	223.1279	0.00	0.31	F009427
0100073-AI HgII	460.193	127.5	190.9	223.17	223.18	140.1	2.246	OK	223.1279	0.00	0.31	F009427

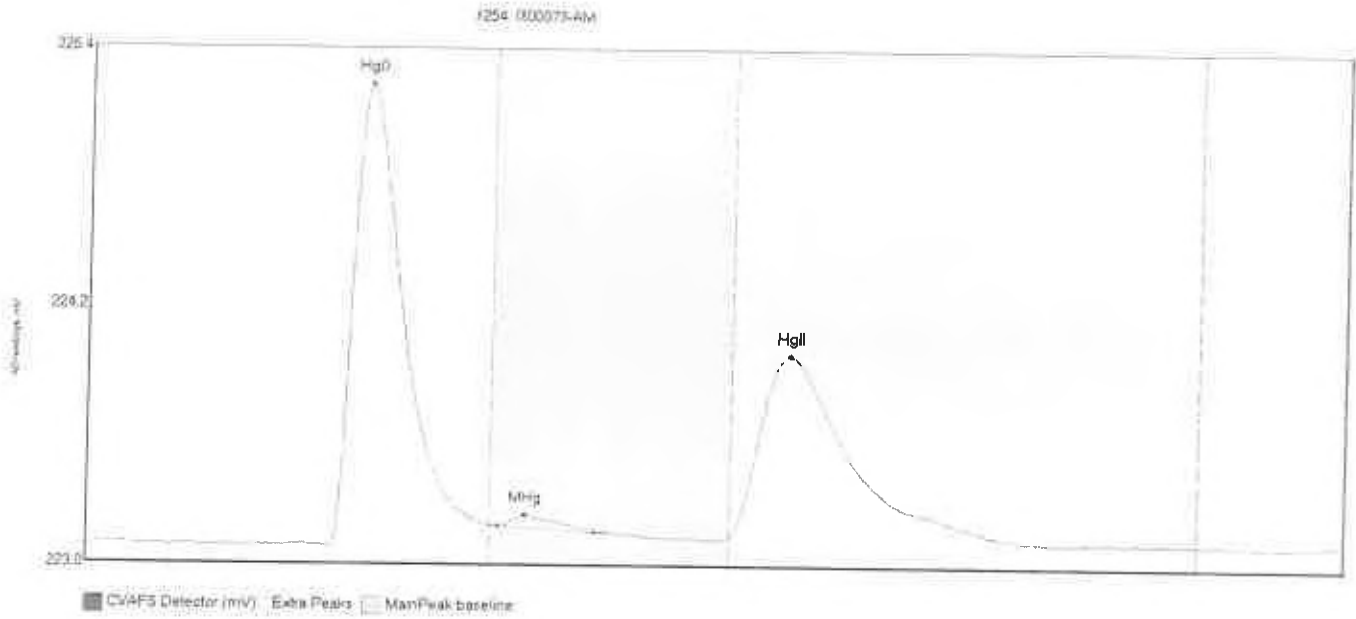


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100073-AK Hg0	169.506	47.9	80.0	223.12	223.19	55.2	1.564	CT	223.1276	0.00	0.01	F009427
0100073-AK MHg	22.609	80.5	105.2	223.19	223.20	88.3	0.187	OK	223.1276	0.00	0.01	F009427
0100073-AK HgII	199.926	127.5	178.9	223.25	223.20	137.8	1.039	OK	223.1276	0.00	0.01	F009427

#258: 0100073-AL

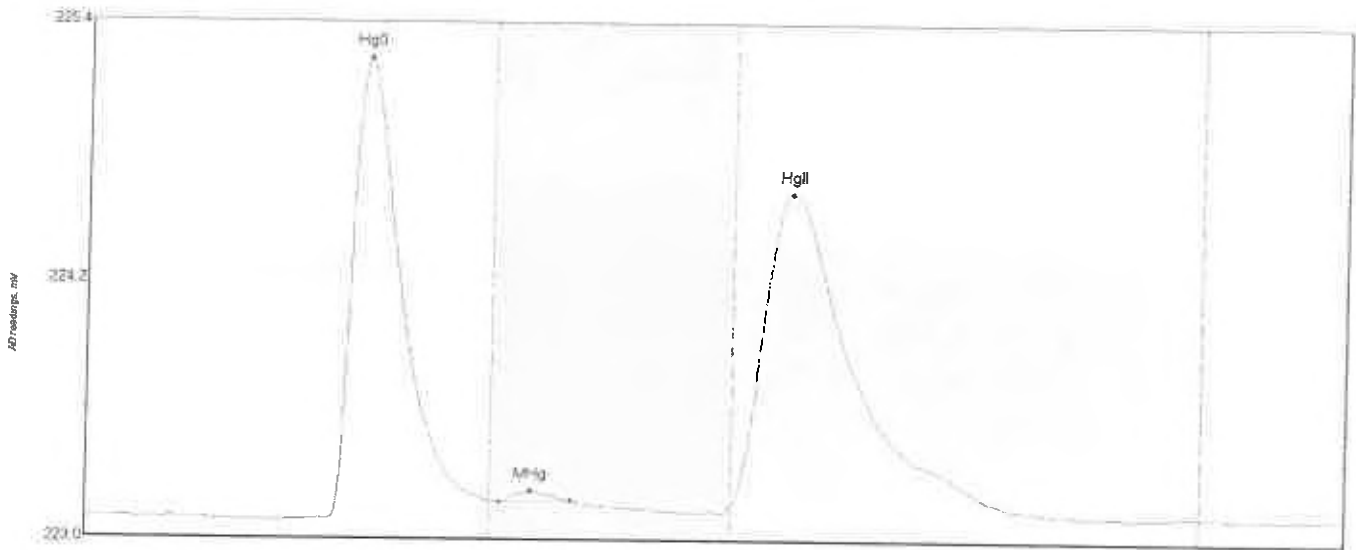


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Comment
0100073-AL Hg0	247.290	47.0	80.0	223.12	223.22	55.3	2.253	CT	223.1267	0.02	0.02	F009427
0100073-AL MHg	11.642	80.9	102.4	223.21	223.20	87.5	0.103	OK	223.1267	0.02	0.02	F009427
0100073-AL HgII	198.267	127.5	180.9	223.31	223.18	137.1	1.044	OK	223.1267	0.02	0.02	F009427



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Comment
0100073-AM Hg0	231.615	47.8	80.0	223.13	223.23	55.4	2.090	CT	223.1394	0.00	F009427
0100073-AM MHg	5.856	81.7	100.8	223.22	223.19	86.9	0.050	OK	223.1394	0.00	F009427
0100073-AM HgII	158.975	127.5	179.3	223.18	223.18	138.9	0.820	OK	223.1394	0.00	F009427

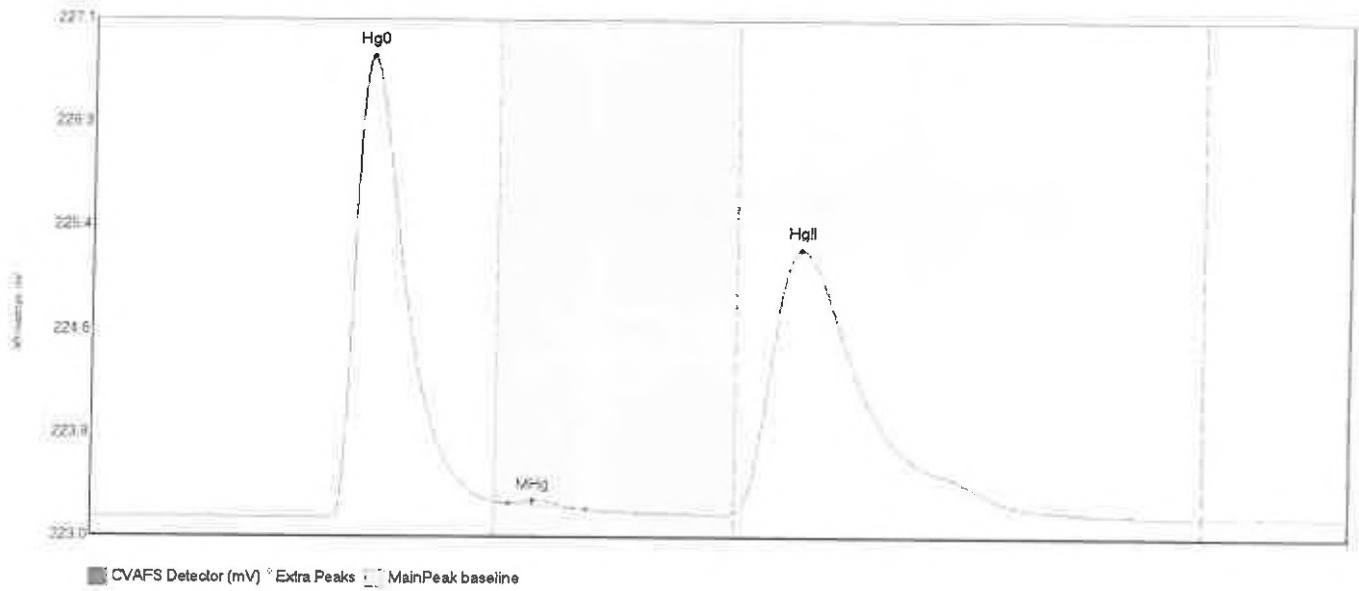
#255: 0100073-AO



CVAFS Detector (mV) Extra Peaks MainPeak baseline

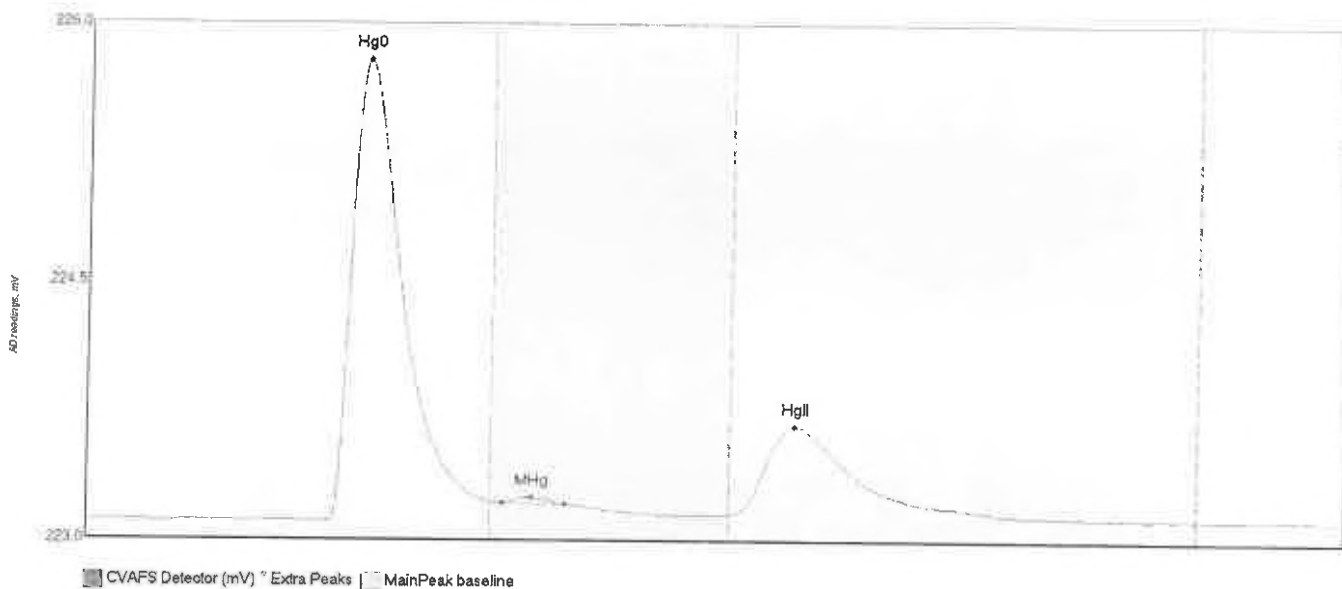
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Height	Comment
0100073-AO Hg0	227.693	47.2	80.0	223.13	223.22	55.2	2.093	CT	223.1350	0.00	11.01	F009427
0100073-AO MHg	3.426	82.0	95.8	223.21	223.22	87.9	0.048	OK	223.1350	0.00	11.01	F009427
0100073-AO HgII	200.876	127.5	183.3	223.20	223.19	139.0	1.426	OK	223.1350	0.00	11.01	F009427

#256: 0100073-AP



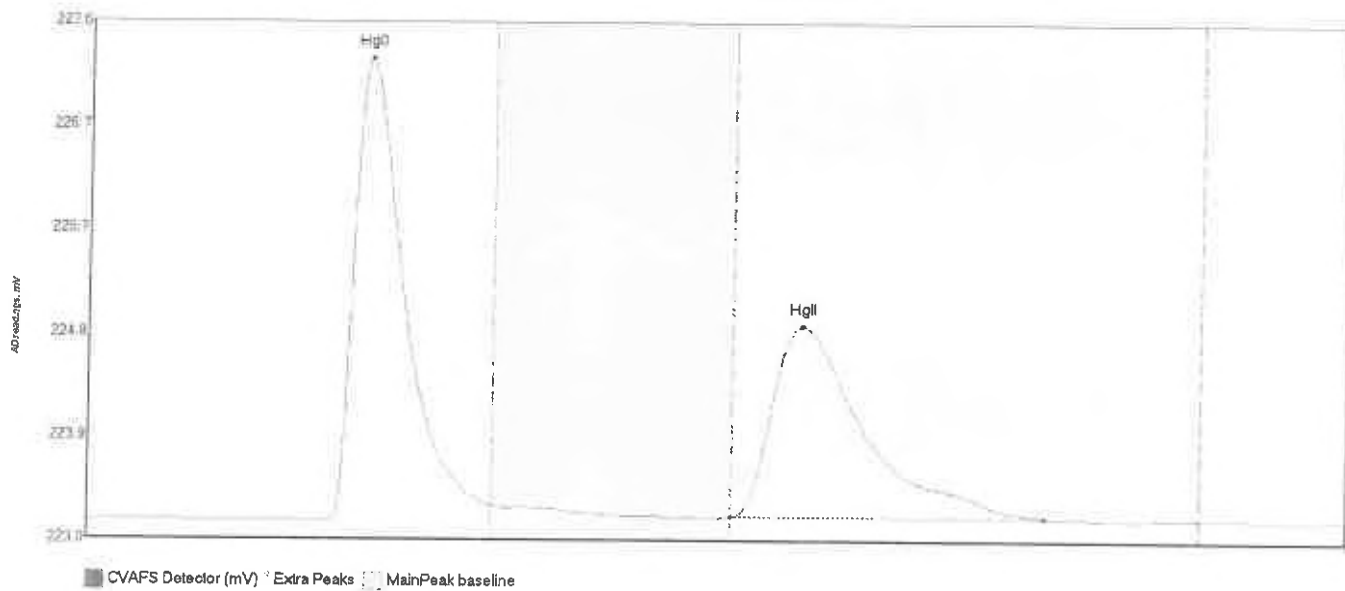
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Height	Comment
0100073-AP Hg0	405.595	48.0	80.0	223.14	223.26	55.5	3.659	CT	223.1400	0.00	0.01	F009428
0100073-AP MHg	3.445	82.6	98.1	223.25	223.21	87.5	0.024	OK	223.1400	0.00	0.01	F009428
0100073-AP HgII	431.279	127.5	187.8	223.19	223.20	140.2	2.083	OK	223.1400	0.00	0.01	F009428

#257: 0100073-AR



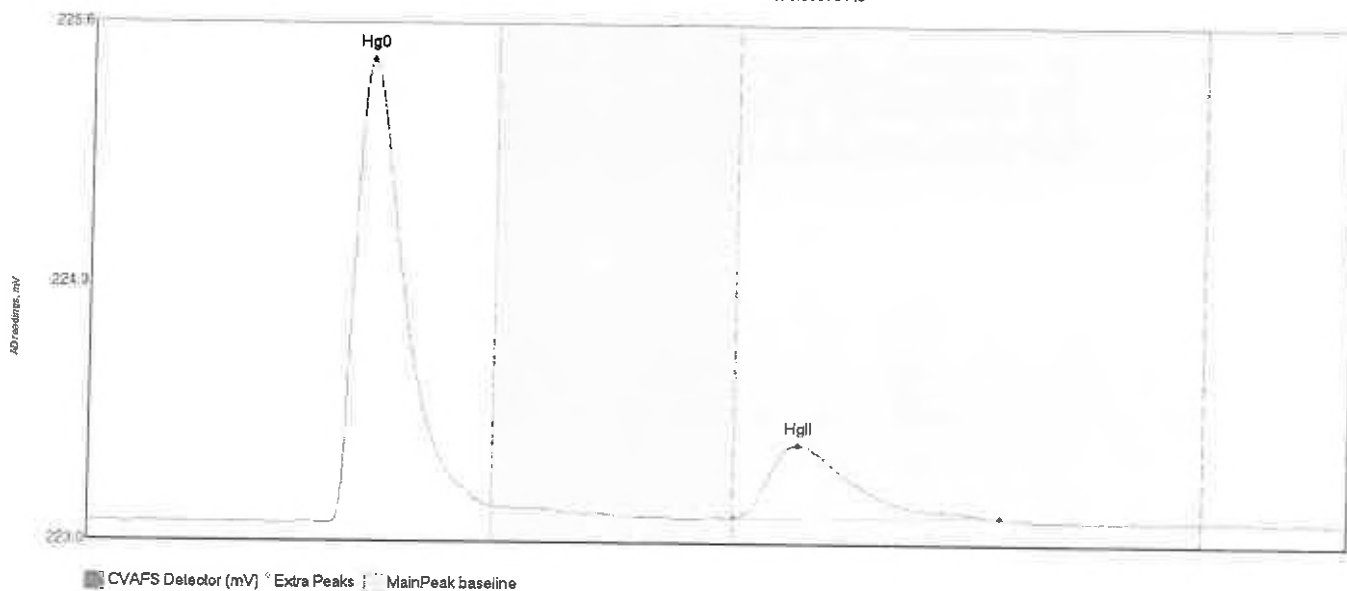
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AR Hg0	288.161	47.4	80.0	223.14	223.25	55.4	2.620	CT	223.1463	0.00	0.01	F009428
0100073-AR MHg	2.435	82.4	94.9	223.25	223.24	88.3	0.030	OK	223.1463	0.00	0.01	F009428
0100073-AR HgII	96.715	127.5	181.7	223.19	223.18	140.3	0.507	OK	223.1463	0.00	0.01	F009428

#258: 0100073-AS



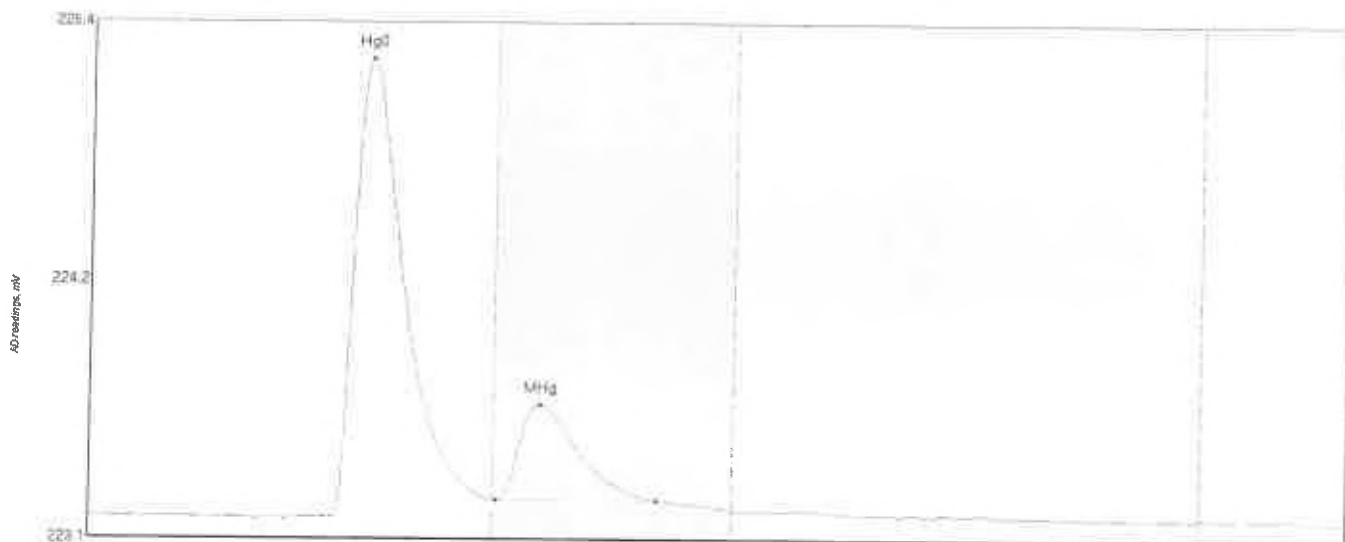
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comments
0100073-AS Hg0	457.638	47.0	80.0	223.14	223.28	55.4	4.116	CT	223.1459	0.00	0.02	
0100073-AS HgII	354.830	127.5	189.3	223.18	223.18	141.2	1.704	OK	223.1459	0.00	0.02	

#259: 000073-AU



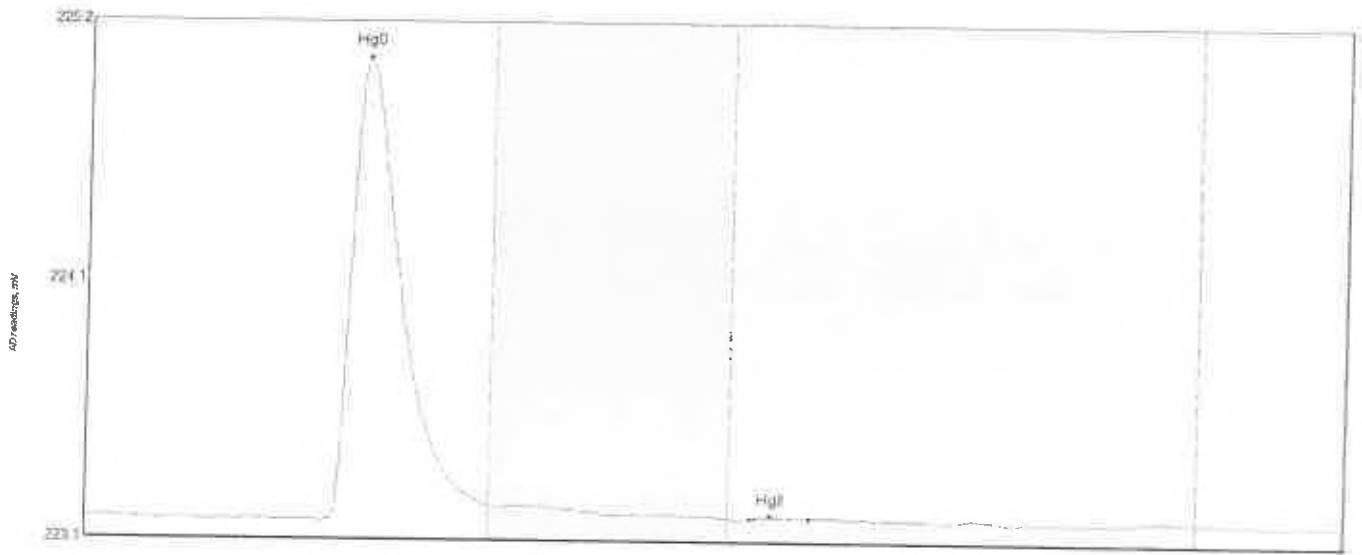
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BlShift	Comment
0100073-AU Hg0	255.647	47.5	80.0	223.14	223.23	55.4	2.316	CT	223.1392	0.00	0.02	F009428
0100073-AU HgII	70.635	127.5	180.3	223.17	223.18	140.1	0.369	OK	223.1392	0.00	0.02	F009428

#280: SEQ-CCVM



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVM Hg0	231.088	47.6	80.0	223.15	223.24	55.6	2.097	CT	223.1580	0.00	-0.02	
SEQ-CCVM MHg	57.911	80.8	112.3	223.23	223.23	89.2	0.437	OK	223.1580	0.00	-0.02	

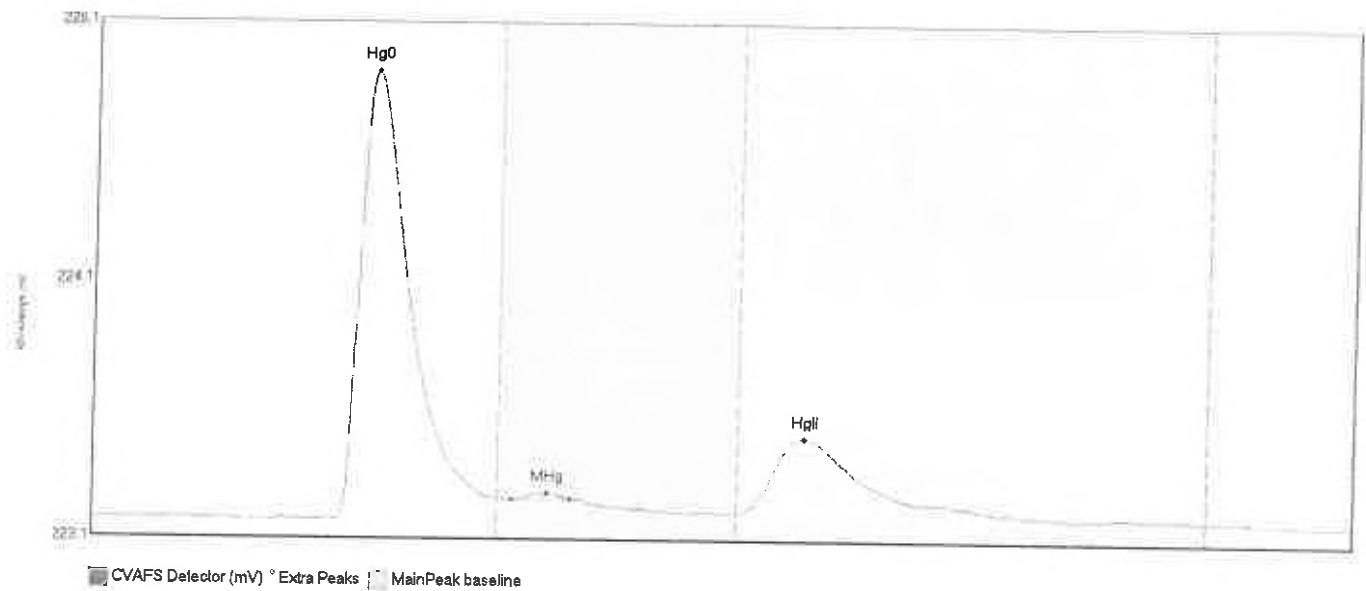
#261: SEQ-CCBM



CVAFS Detector (mV) Extra Peaks MainPeak baseline

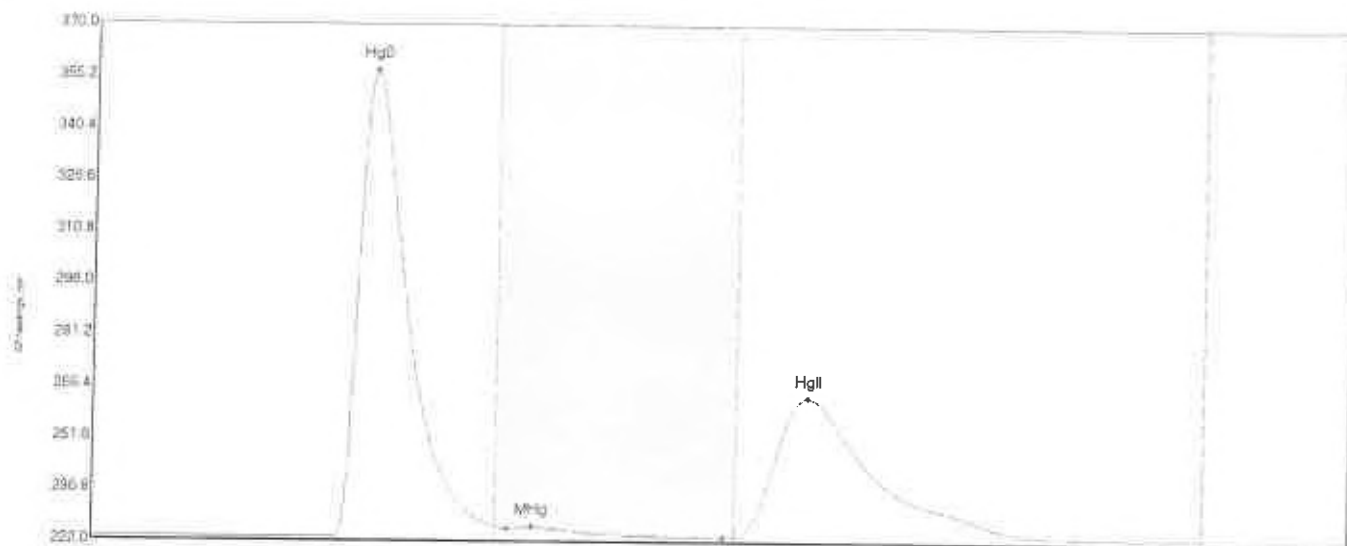
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBM Hg0	210.738	46.7	80.0	223.14	223.20	55.3	1.923	CT	223.1519	0.00	-0.01	
SEQ-CCBM HgII	0.561	131.9	143.5	223.16	223.16	135.8	0.011	OK	223.1519	0.00	-0.01	

#262: 0100073-AV



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AV Hg0	187.992	48.1	79.4	223.14	223.23	55.4	1.734	OK	223.1428	0.00	0.00	F009428
0100073-AV MHg	1.577	82.8	94.3	223.22	223.23	89.8	0.026	OK	223.1428	0.00	0.00	F009428
0100073-AV HgII	57.190	127.5	179.5	223.17	223.17	140.6	0.295	OK	223.1428	0.00	0.00	F009428

#283: 0100043-54RE1



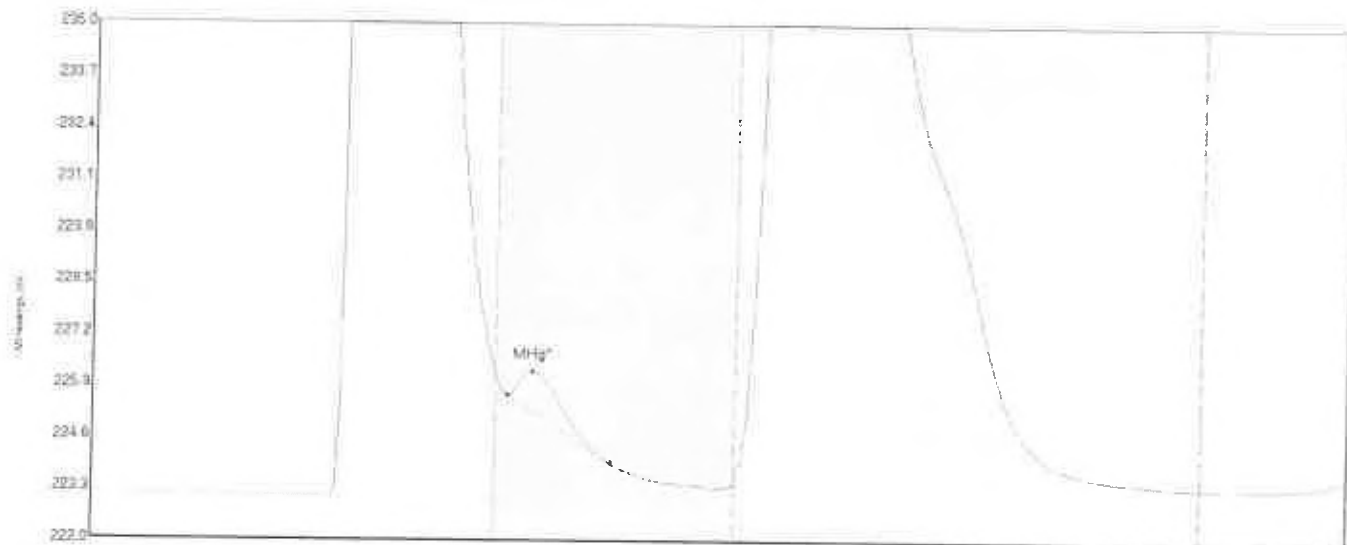
CVAFS Detector (mV) ^ Extra Peaks MainPeak baseline

D.N.R.

ZKH 10/5/2000

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Baseline	BlDev	BlShift	Comment
0100043-54RE1 H	14458.568	45.6	80.0	223.13	226.22	55.6	223.1392	0.00	0.44	F009389
0100043-54RE1 M	64.870	82.4	125.1	225.66	223.34	87.2	223.1392	0.00	0.44	F009389
0100043-54RE1 H	8891.374	127.5	219.4	223.56	223.39	141.5	223.1392	0.00	0.44	F009389

#288: Q100043-54RE1

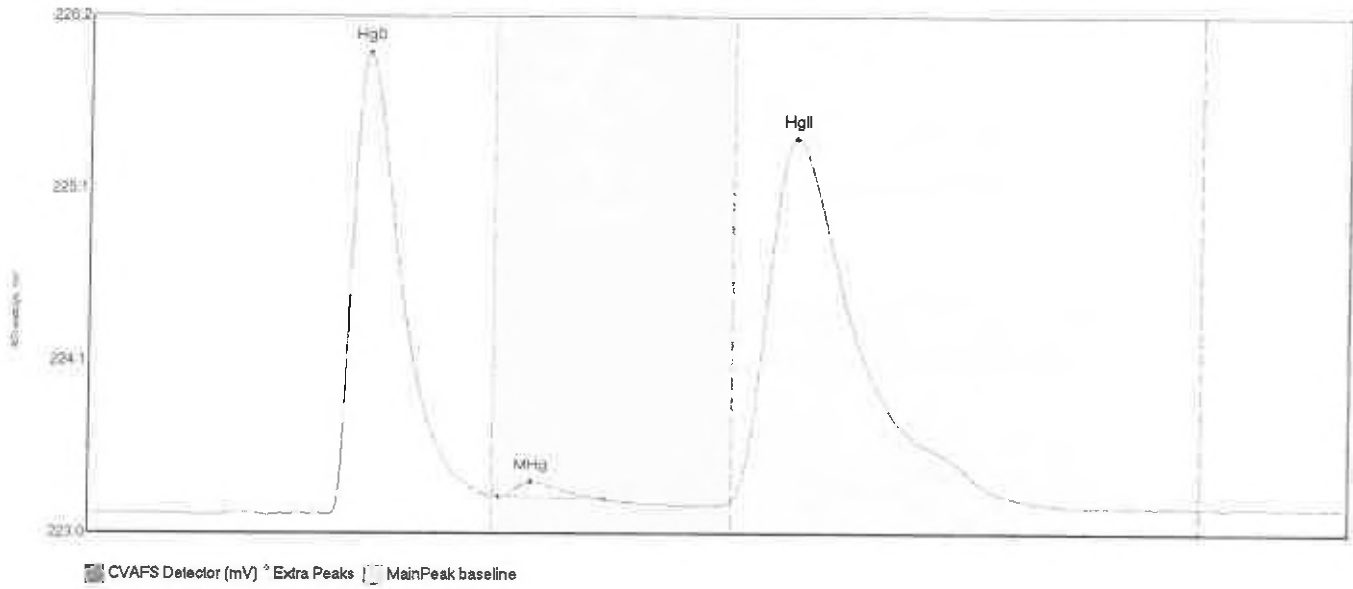


CVAFS Detector (mV) Extra Peaks MainPeak baseline

al
ds
10/5/2020

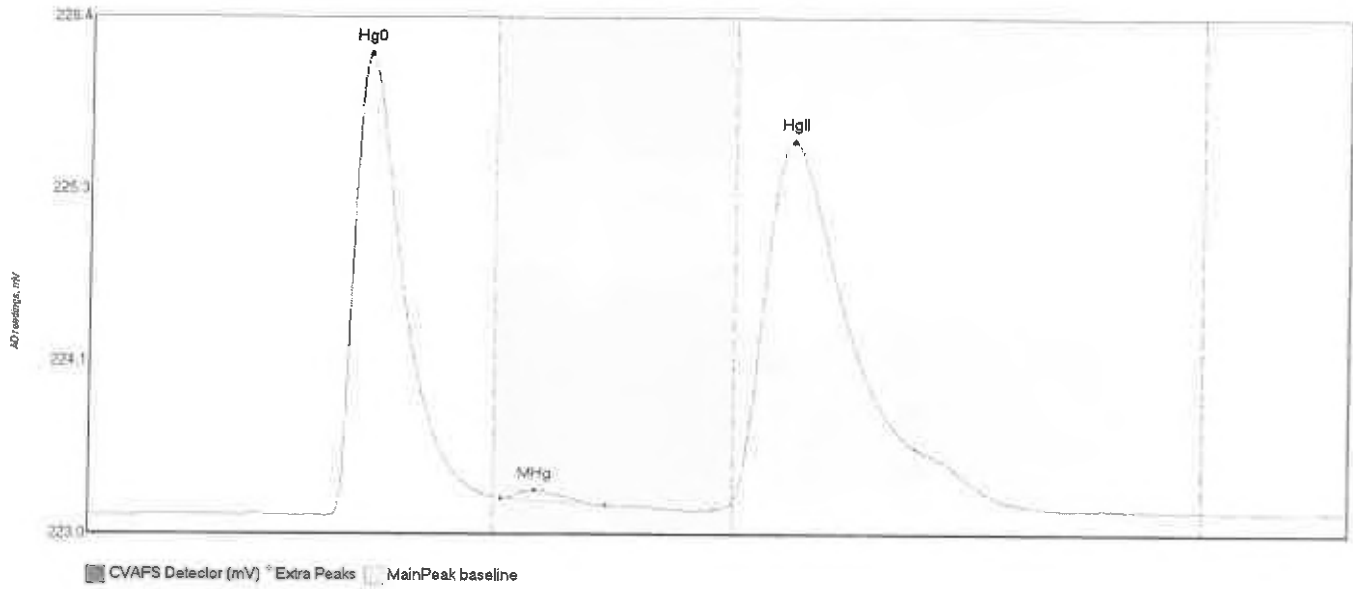
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Q100043-54RE1 H	14458.568	45.6	80.0	223.13	224.82	55.6	133.600	CT	223.1392	0.00	0.44	F009389
Q100043-54RE1 M	97.180	82.4	103.0	225.66	225.90	87.2	0.588	ED	223.1392	0.00	0.44	F009389
Q100043-54RE1 H	8891.374	127.5	219.4	223.56	225.90	141.5	39.910	OK	223.1392	0.00	0.44	F009389

#264: 0100073-BA



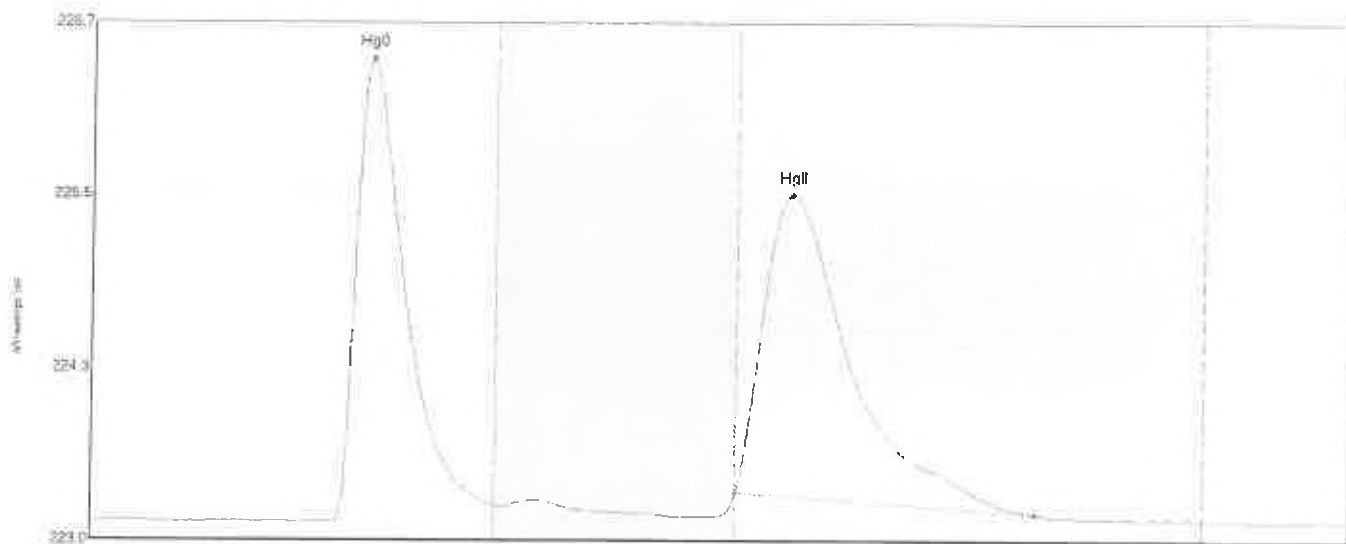
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-BA Hg0	307.799	47.8	80.0	223.14	223.24	55.2	2.795	CT	223.1420	0.00	0.03	F009428
0100073-BA MHg	9.503	81.3	102.1	223.24	223.23	87.6	0.093	OK	223.1420	0.00	0.03	F009428
0100073-BA HgII	437.018	127.5	185.0	223.22	223.22	139.9	2.202	OK	223.1420	0.00	0.03	F009423

#265: 0100073-BC



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-BC Hg0	324.015	47.9	80.0	223.15	223.27	55.2	2.973	CT	223.1884	0.12	2.92	P009428
0100073-BC MHg	6.977	81.7	102.4	223.26	223.21	08.3	0.052	OK	223.1884	0.08	2.87	P009428
0100073-BC HgII	458.346	127.5	184.8	223.26	223.21	138.9	2.317	OK	223.1884	0.08	2.87	P009428

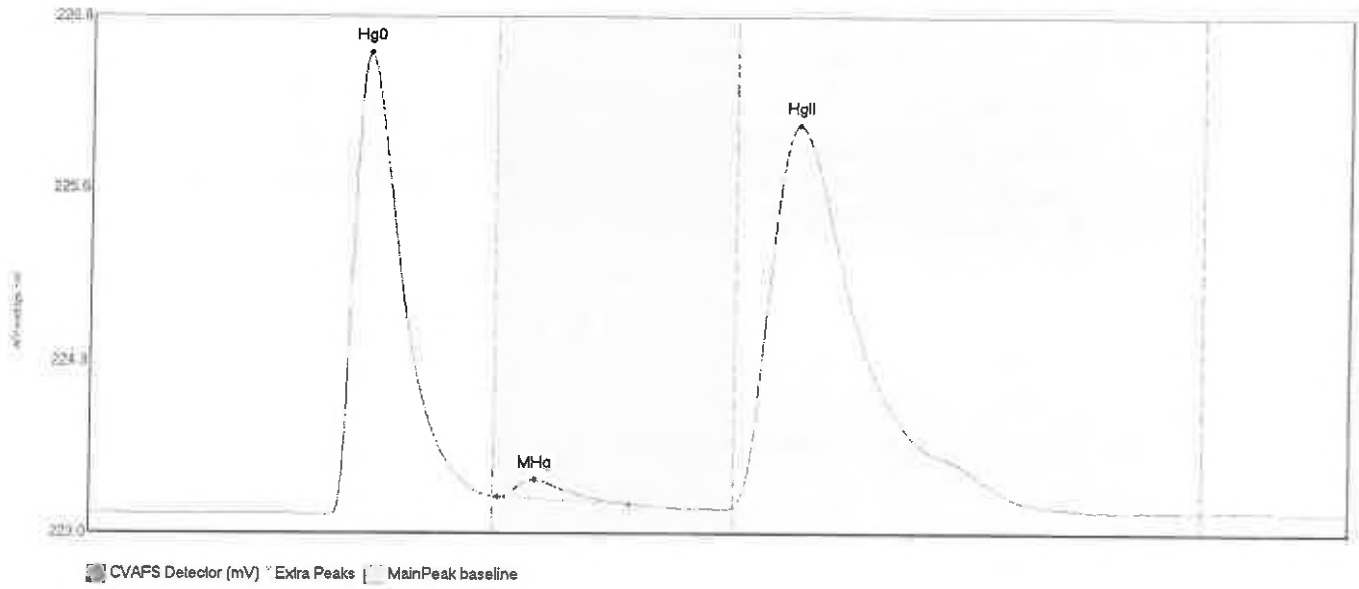
#266: 0100073-BD



CVAFS Detector (mV) Extra Peaks MainPeak baseline

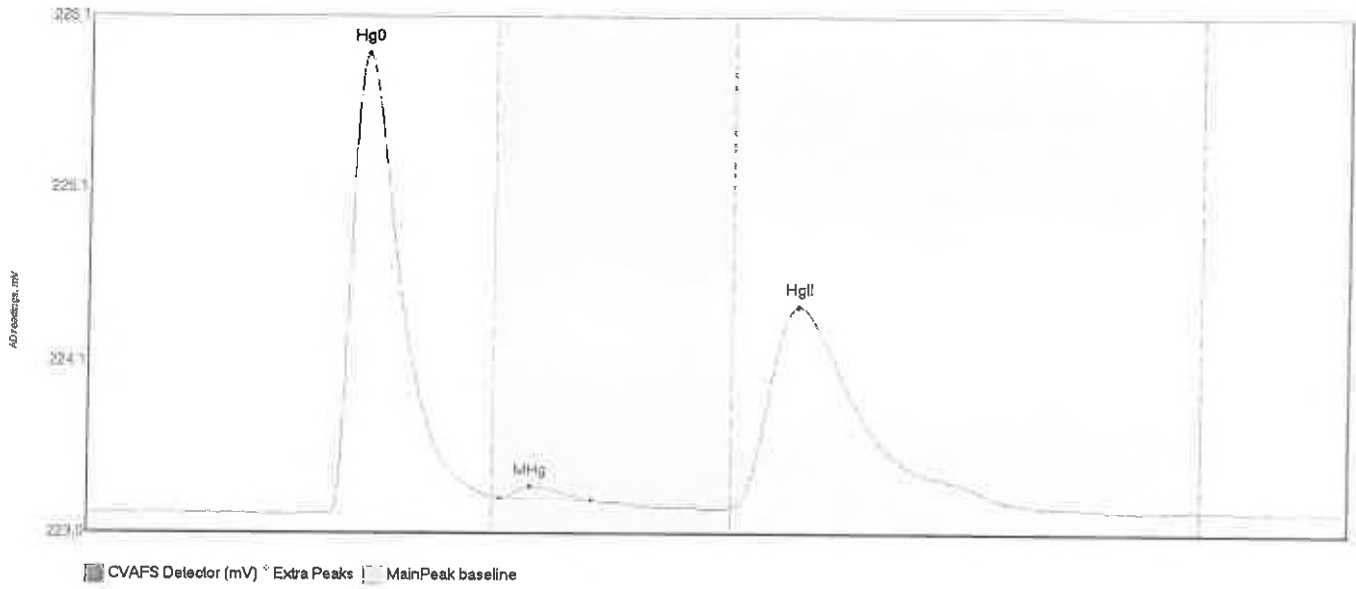
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100073-BD Hg0	361.071	47.2	80.0	223.15	223.27	55.4	3.317	CT	223.1601	0.00	0.00	F009428
0100073-BD HgII	433.370	127.5	186.6	223.36	223.21	138.3	2.144	OK	223.1601	0.00	0.00	F009428

#267: 0100073-BF



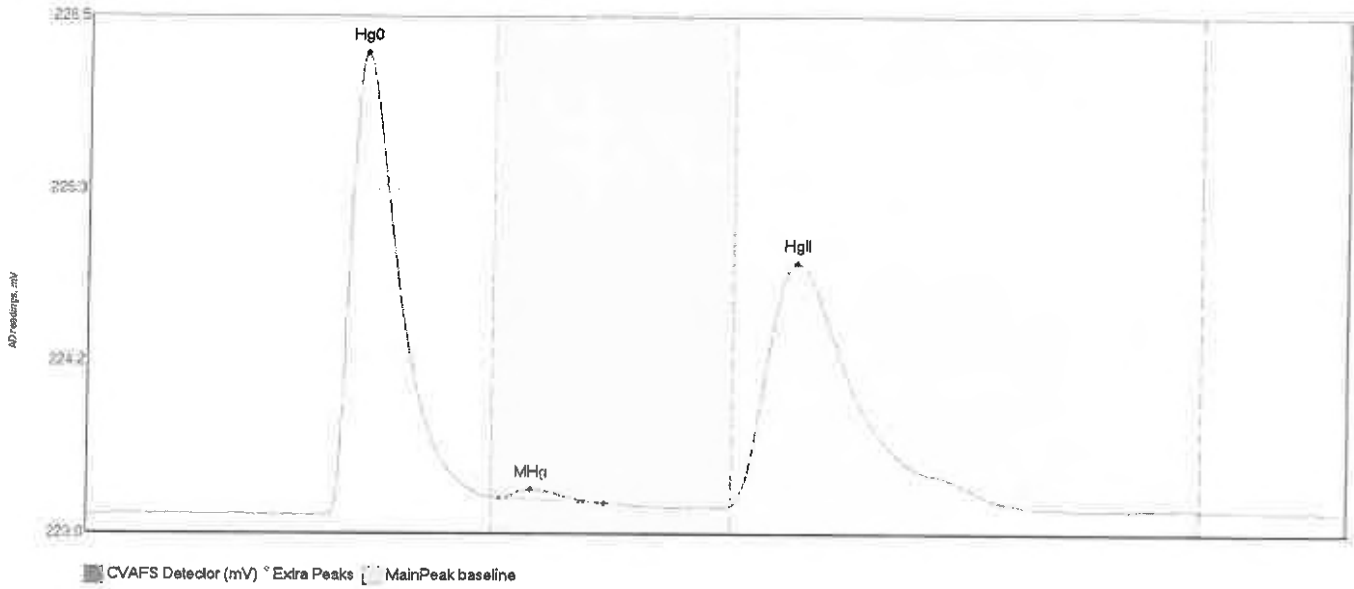
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BF Hg0	369.053	47.4	80.0	223.16	223.29	55.2	3.393	CT	223.1729	0.00	0.00	F009428
0100073-BF MHg	15.631	81.0	106.7	223.29	223.23	88.3	0.125	OK	223.1729	0.00	0.00	F009428
0100073-BF HgII	571.154	127.5	187.4	223.22	223.22	140.1	2.807	OK	223.1729	0.00	0.00	F009428

#268: 0100073-BG



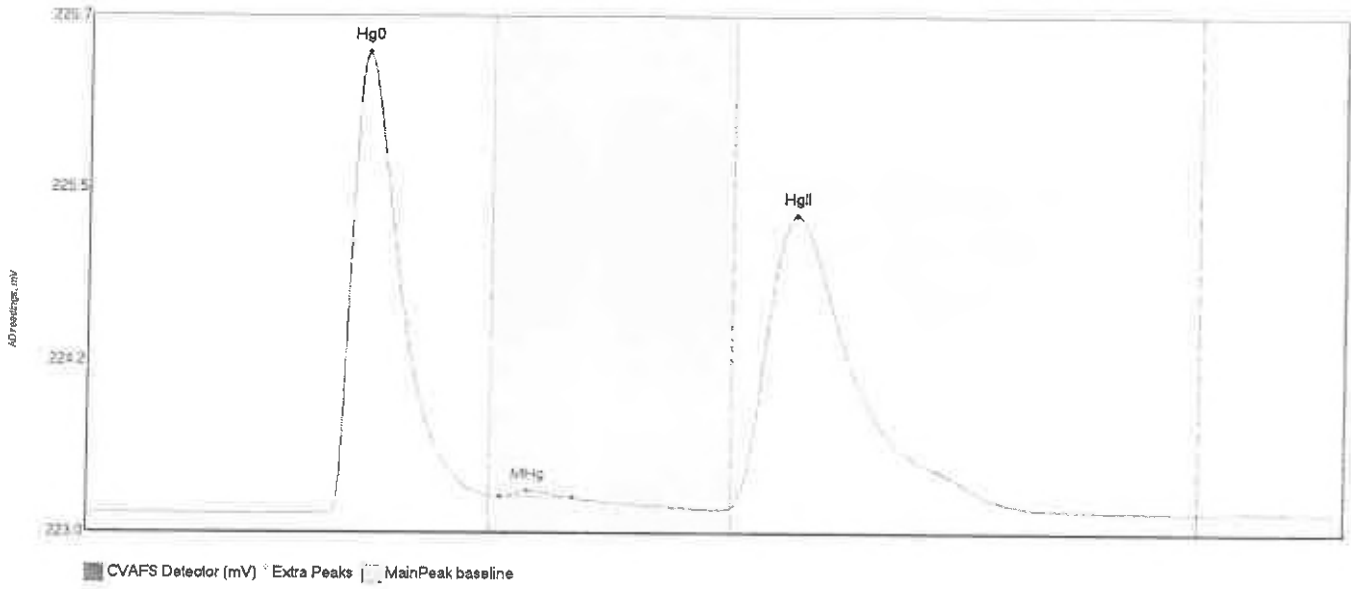
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BlShift	Comment
0100073-BG Hg0	301.198	47.8	80.0	223.16	223.26	55.0	2.760	CT	223.1642	0.00	0.01	F009428
0100073-BG MHg	7.251	81.4	99.6	223.26	223.24	87.4	0.069	OK	223.1642	0.00	0.01	F009428
0100073-BG HgII	247.755	127.5	186.6	223.20	223.21	140.4	1.211	OK	223.1642	0.00	0.01	F009428

#269: 0100073-BH



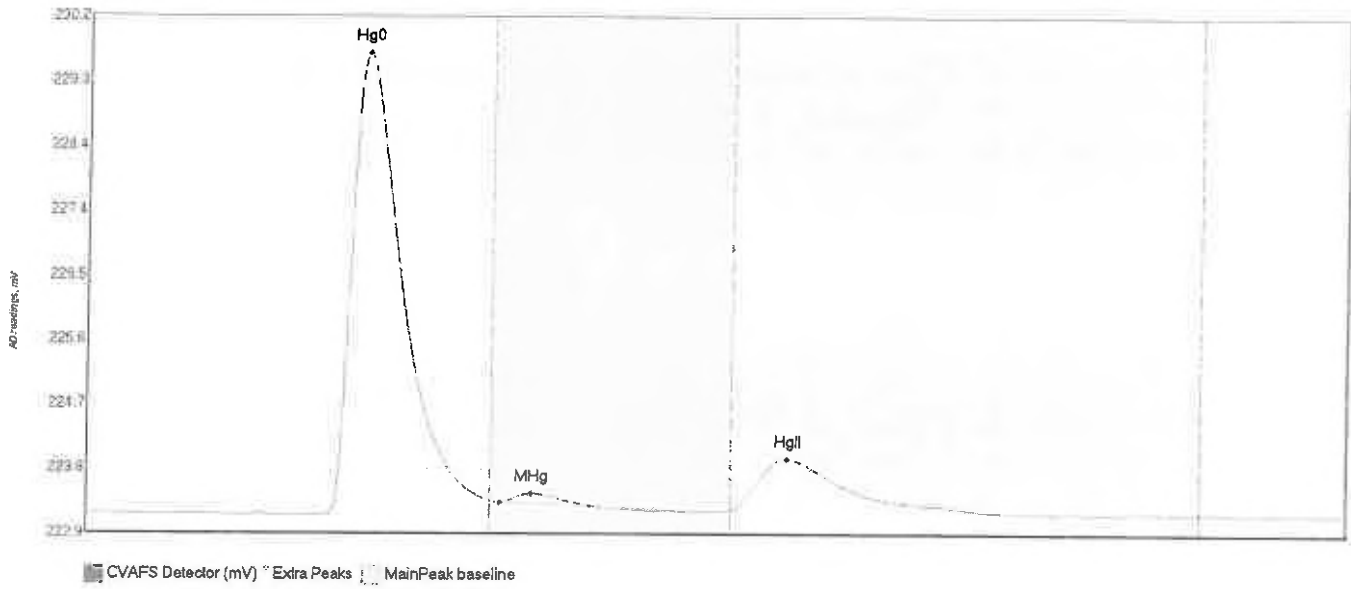
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BH Hg0	332.005	47.1	80.0	223.16	223.28	54.9	3.055	CT	223.1652	0.00	0.01	F009428
0100073-BH MHgI	6.999	81.7	102.4	223.27	223.24	87.9	0.060	OK	223.1652	0.00	0.01	F009428
0100073-BH HgII	320.105	127.5	183.1	223.22	223.23	139.9	1.615	OK	223.1652	0.00	0.01	F009428

#270: 0100073-BJ



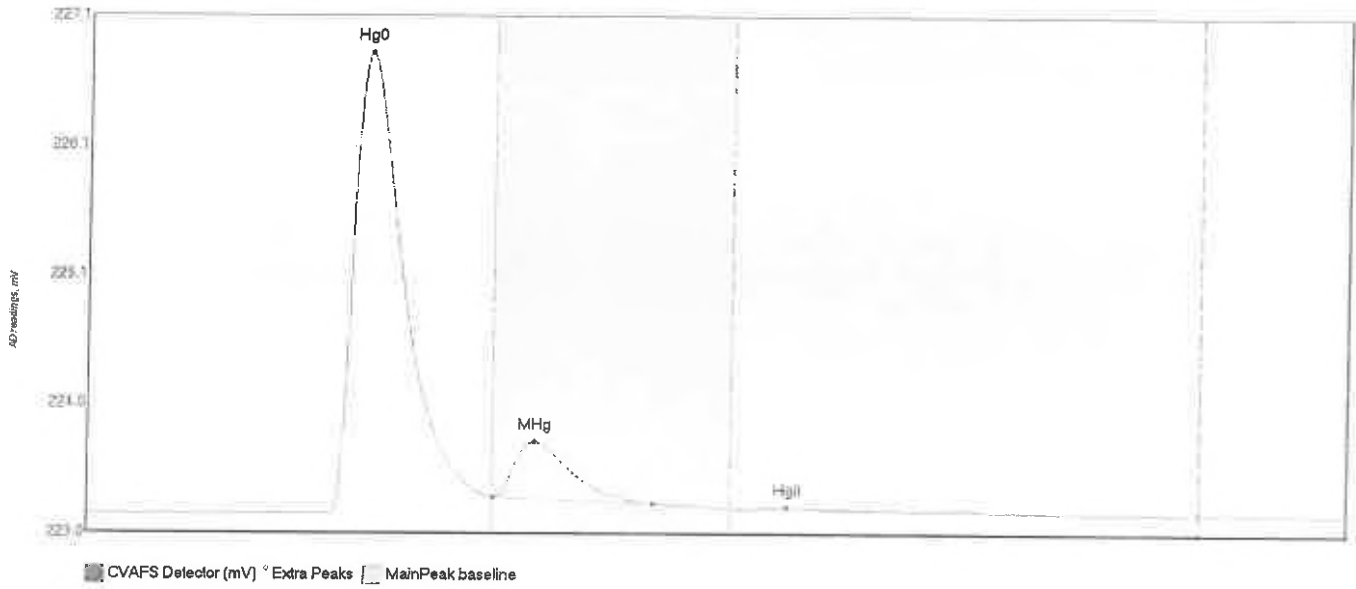
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BJ Hg0	355.243	48.0	80.0	223.16	223.29	55.2	3.270	CT	223.1625	0.00	0.01	F009428
0100073-BJ MHg	3.585	82.1	96.2	223.28	223.28	87.6	0.045	OK	223.1625	0.00	0.01	F009428
0100073-BJ HgII	410.696	127.5	183.1	223.21	223.23	140.1	2.070	OK	223.1625	0.00	0.01	F009428

#271: 0100084-02



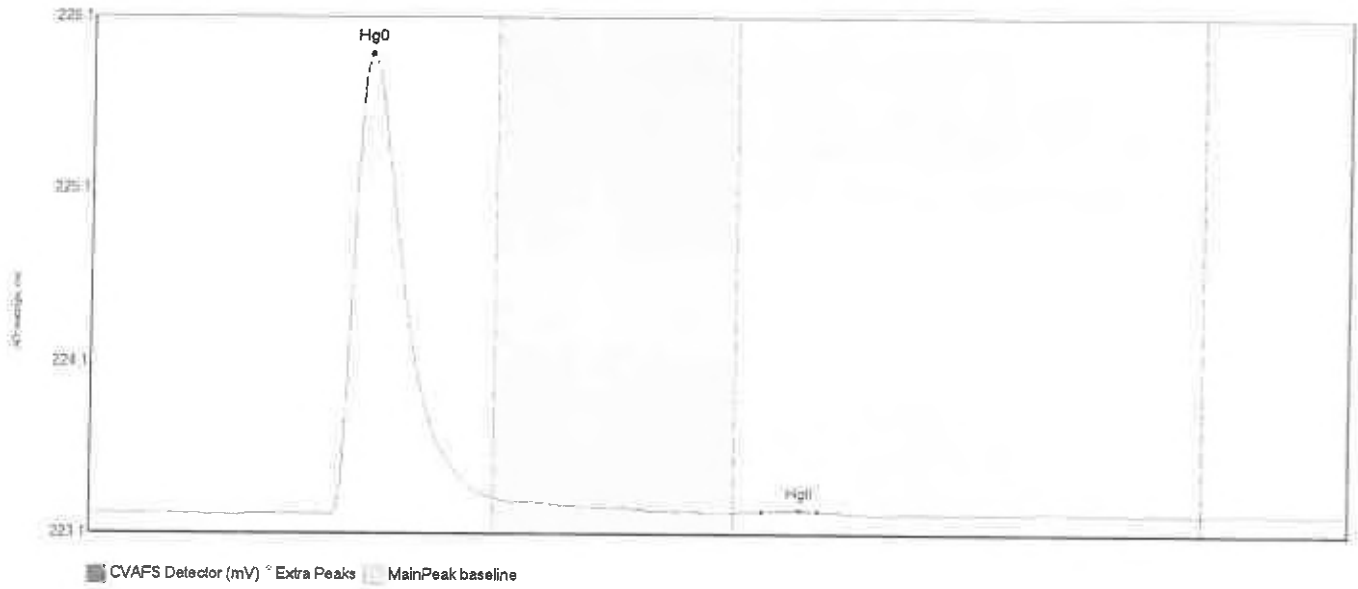
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0 726.694	45.7	80.0	223.17	223.38	55.5	6.479	CT	223.1934	0.00	0.00	F009428
MHg 16.457	81.9	112.2	223.35	223.24	88.1	0.128	OK	223.1934	0.00	0.00	F009428
HgII 140.617	127.5	179.2	223.25	223.21	138.6	0.717	OK	223.1934	0.00	0.00	F009428

#272: SEQ-CCVN



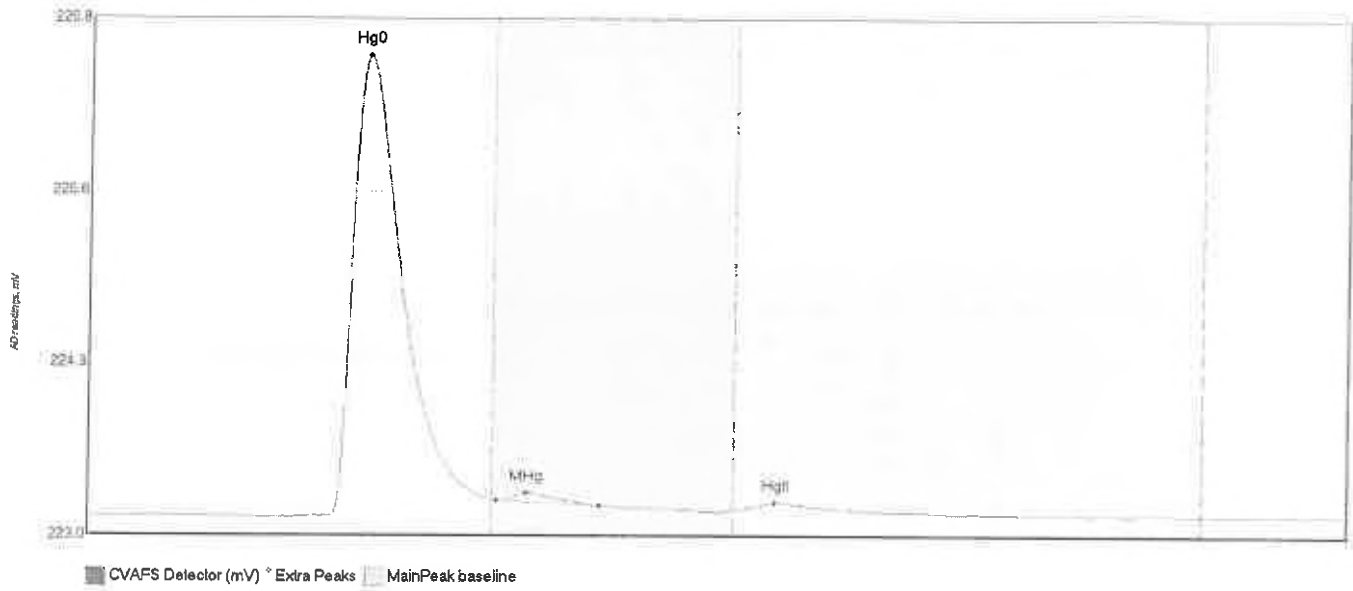
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVN Hg0	405.533	47.9	80.0	223.18	223.31	55.7	3.646	CT	223.1794	0.00	0.00	
SEQ-CCVN MHg	57.528	80.4	112.0	223.31	223.26	88.4	0.437	OK	223.1794	0.00	0.00	
SEQ-CCVN HgII	0.751	131.7	141.8	223.22	223.23	138.5	0.015	OK	223.1794	0.00	0.00	

#273: SEQ-CCBN



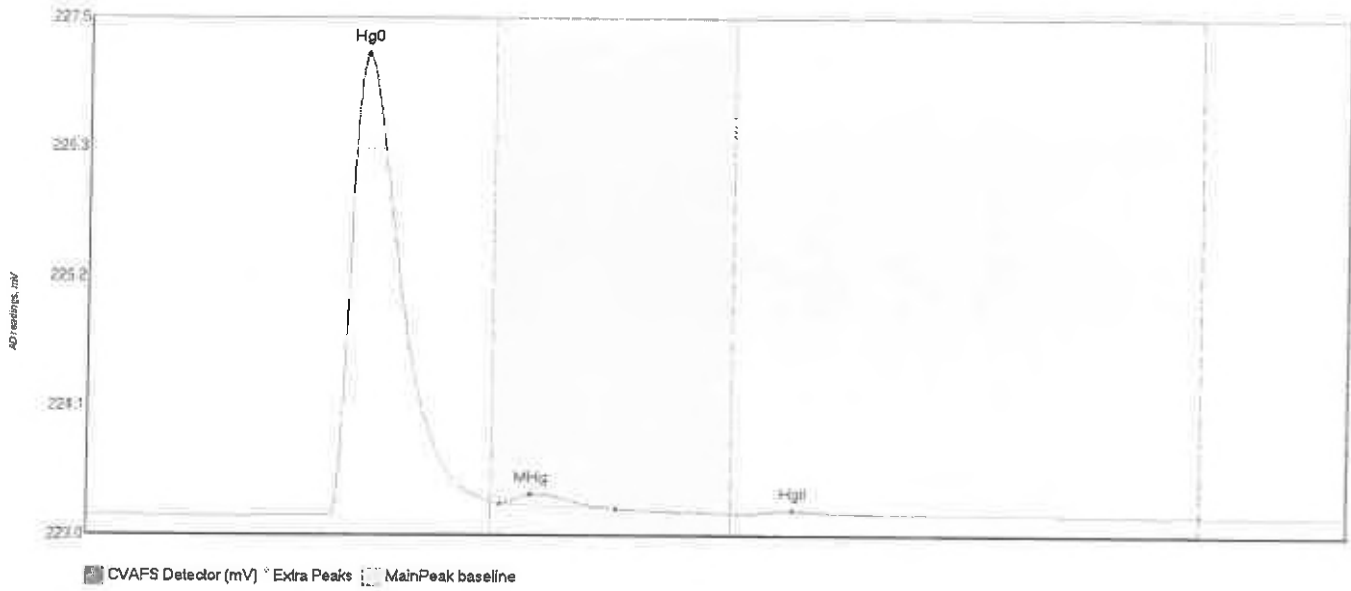
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
SEQ-CCBN Hg0	295.625	47.7	80.0	223.17	223.27	55.3	2.679	CT	223.1817	13.1	14.1	
SEQ-CCBN HgII	0.635	133.0	144.0	223.19	223.19	140.3	0.011	OK	223.1817	11.0	11.0	

#274: 0100084-03



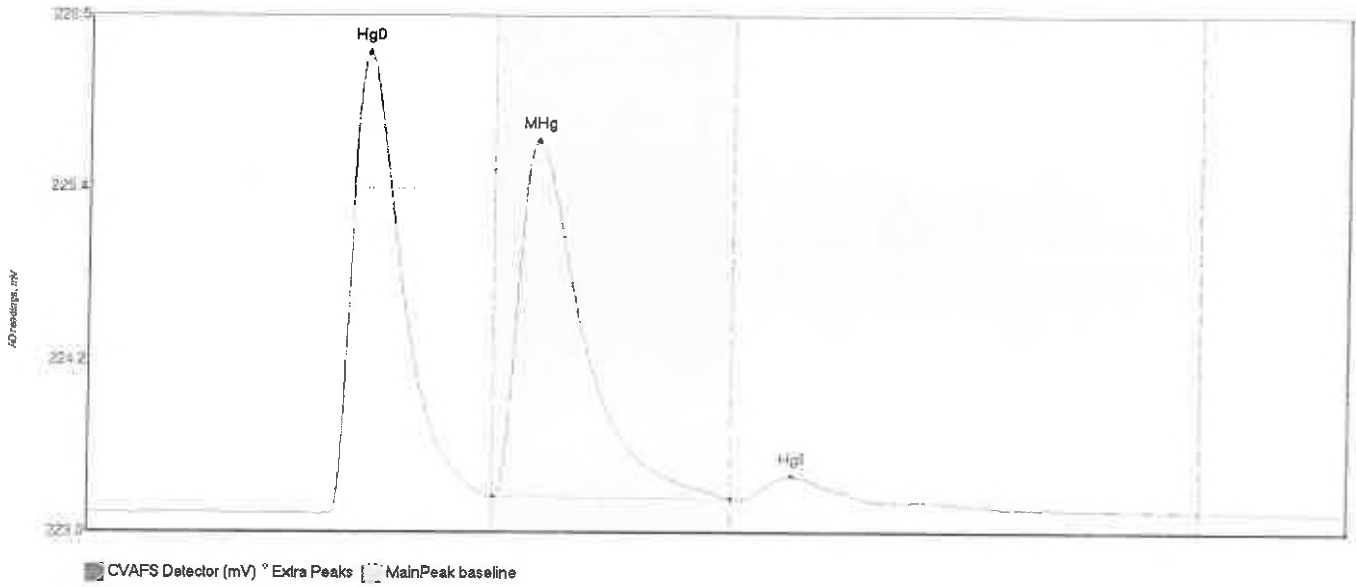
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	
0100084-03 Hg0	376.638	47.3	80.0	223.18	223.30	55.1	3.392	CT	223.1799	0.00	0.00	0100084
0100084-03 NH3	6.783	81.0	100.9	223.29	223.25	86.7	0.056	OK	223.1799	0.00	0.00	0100084
0100084-03 HgII	6.047	127.5	150.7	223.22	223.23	135.8	0.055	OK	223.1799	0.00	0.00	0100084

#276: 0100085-01



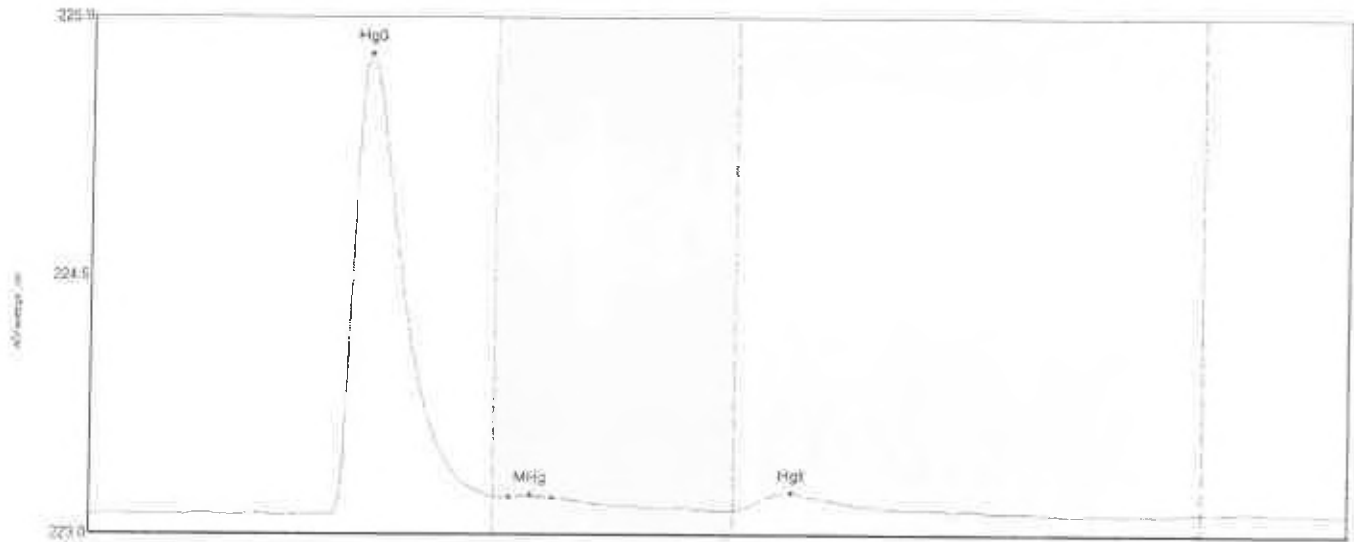
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100085-01 Hg0	439.806	47.6	80.0	223.17	223.29	55.3	3.964	CT	223.1783	0.00	-0.01	F009428
0100085-01 MHg	11.633	81.8	104.5	223.28	223.23	87.8	0.082	OK	223.1783	0.00	-0.01	F009428
0100085-01 HgII	2.400	130.3	148.9	223.19	223.20	139.7	0.029	OK	223.1783	0.00	-0.01	F009428

#276: 000086-01



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100086-01 HgD	343.585	47.8	80.0	223.17	223.28	55.4	3.111	CT	223.1690	0.00	-0.01	F009428
0100036-01 MHg	354.096	80.1	127.5	223.28	223.27	88.9	2.408	CT	223.1690	0.00	-0.01	F009428
0100086-01 HgI	21.986	129.8	158.0	223.26	223.24	139.2	0.155	OK	223.1690	0.00	-0.01	F009428

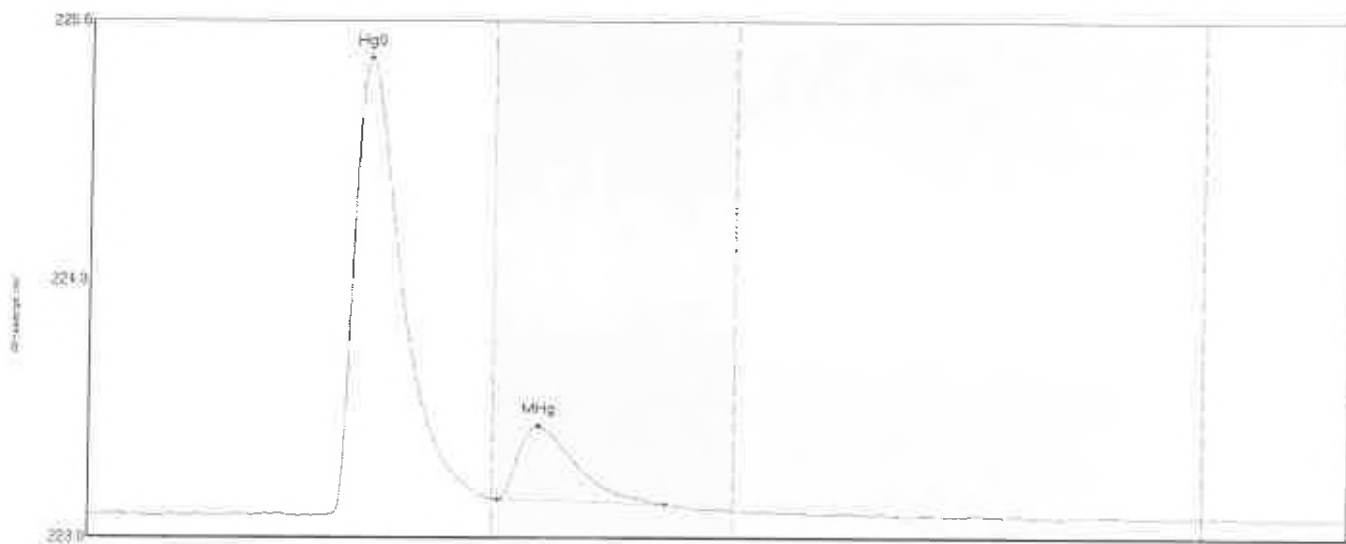
#277: 0100099-01



CVAFS Detector (mV) Extra Peaks MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Height	Comment
0100099-01 Hg0	275.133	47.6	80.0	223.16	224.28	21.8	2.516	CT	223.1557	0.00	21.8	F009428
0100099-01 MHg	0.711	83.3	91.8	223.25	223.24	0.004	0.012	OK	223.1557	0.00	0.004	F009428
0100099-01 HgII	15.213	127.5	160.7	223.18	223.18	0.004	0.098	OK	223.1557	0.00	0.004	F009428

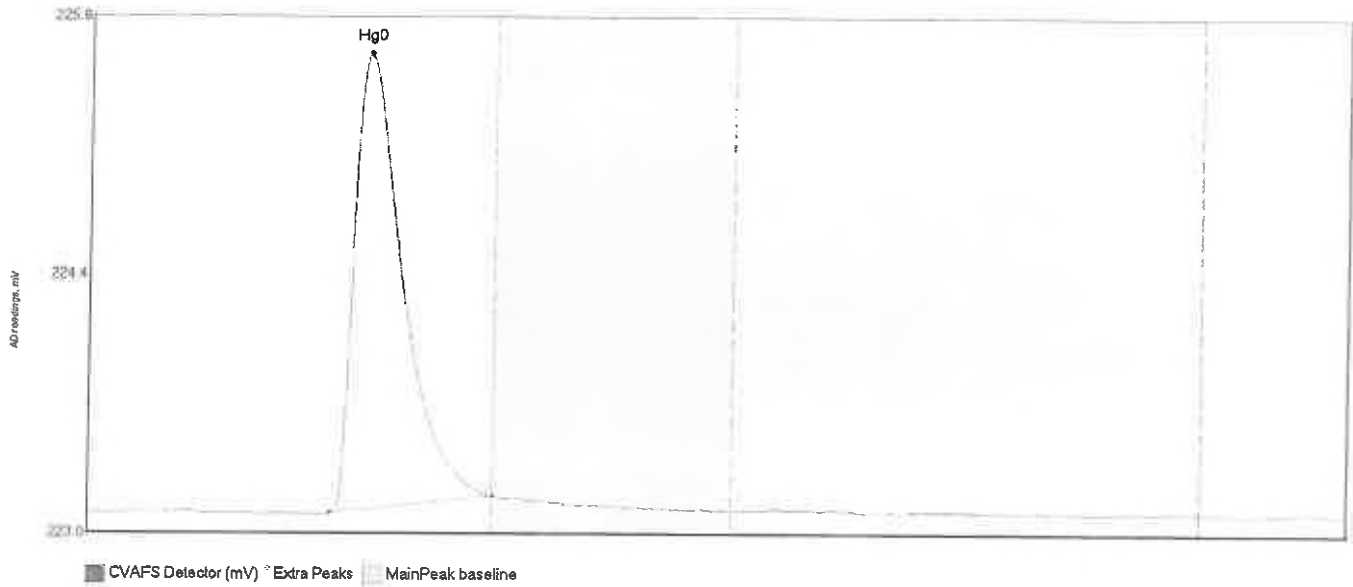
#278: SEQ-CCVO



CVAFS Detector (mV) Extra Peaks ; MainPeak baseline

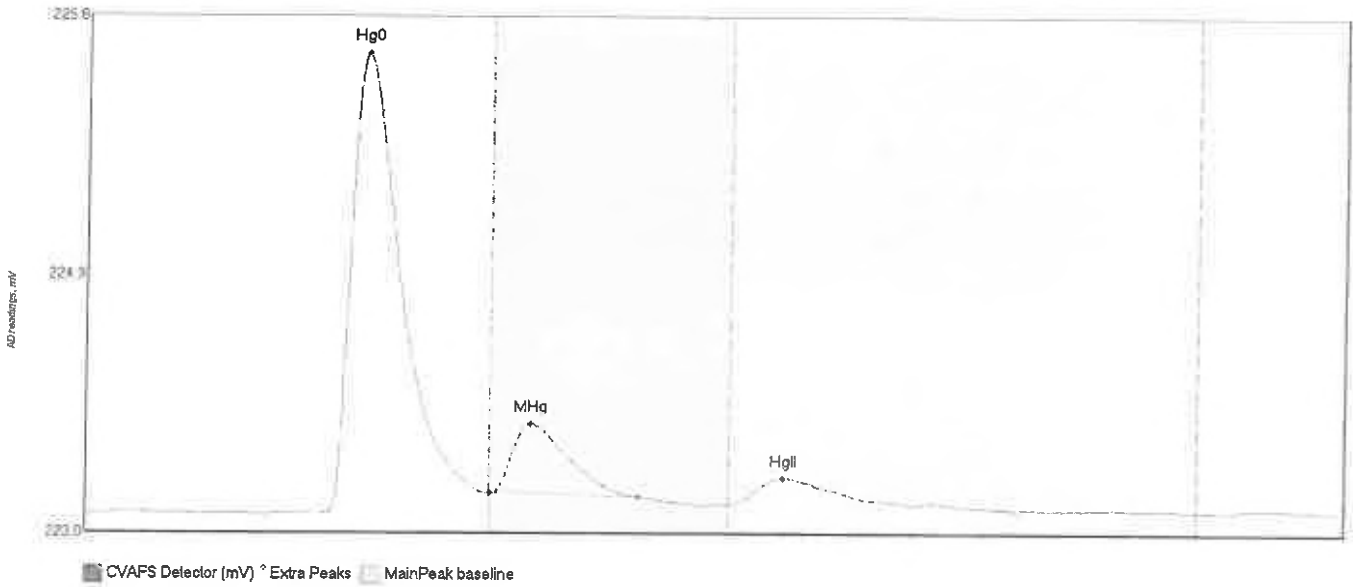
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVO Hg0	251.011	46.6	30.0	223.16	223.24	55.2	2.296	CT	223.1609	0.00	-0.02	
SEQ-CCVO MHg	48.411	81.0	113.9	223.24	223.21	88.8	0.368	OK	223.1609	0.00	-0.02	

#279: SEQ-CCBO



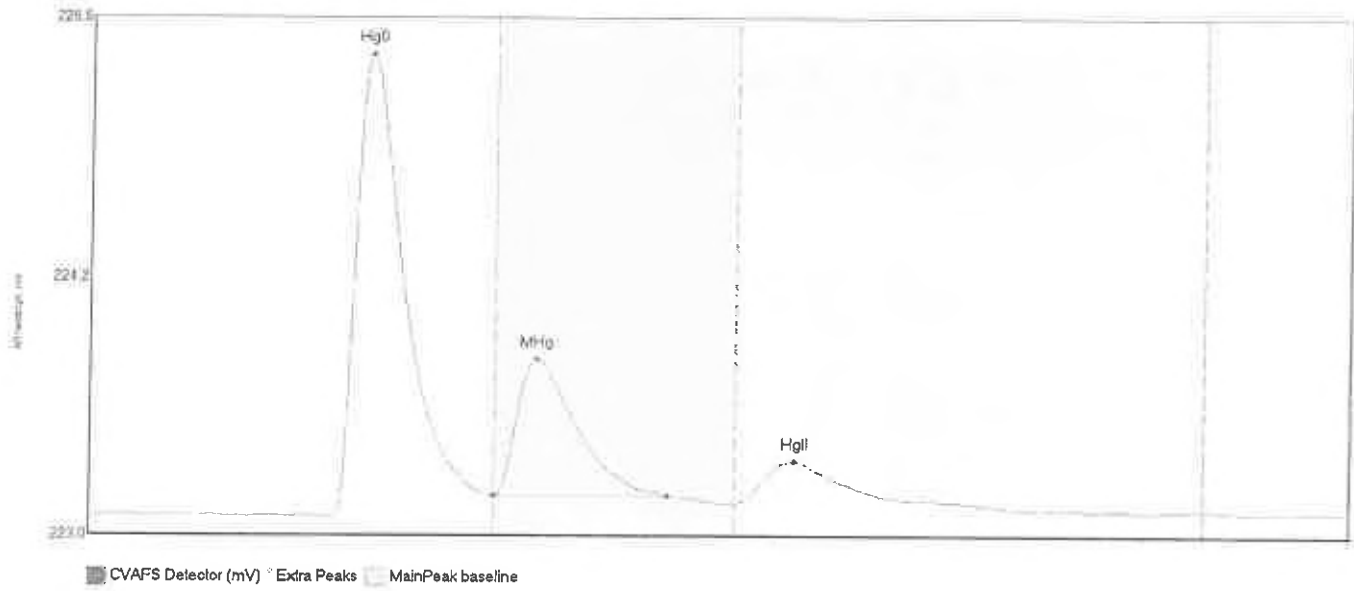
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBO	264.519	48.3	80.0	223.14	223.24	55.7	2.436	CT	223.1493	0.00	-0.01	

#280: 0100048-51RE1



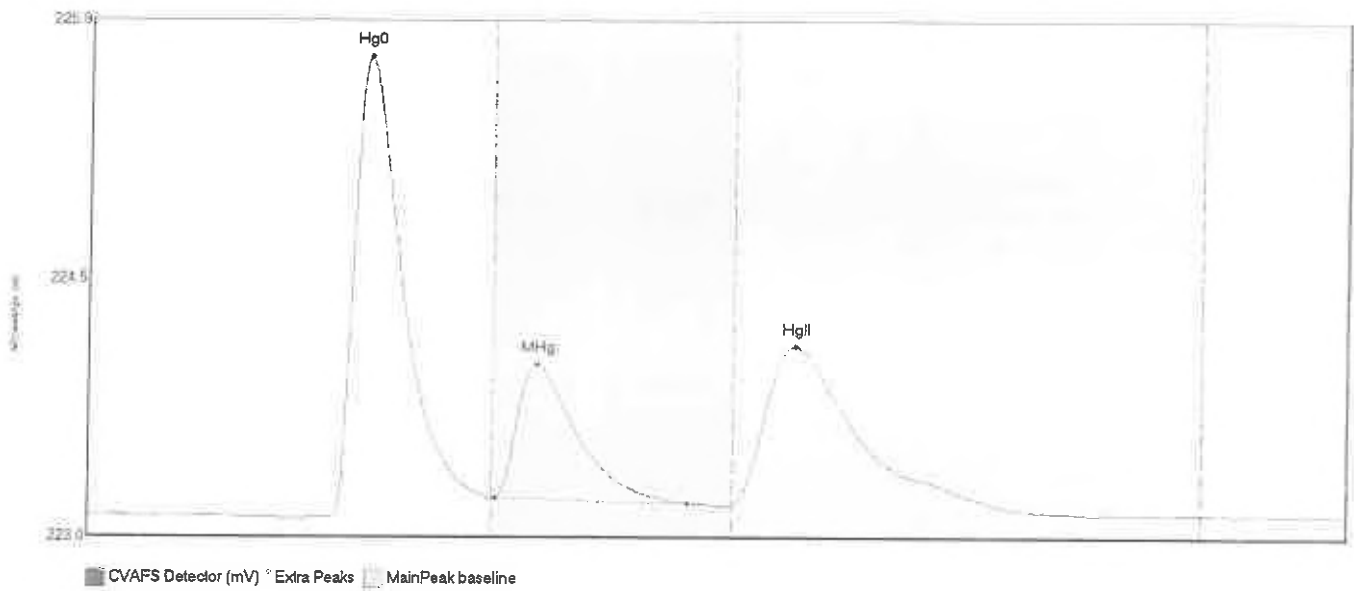
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100043-51RE1 H	244.409	47.9	80.0	223.13	223.23	55.5	2.247	CF	223.1301	0.00	0.01	F009389
0100043-51RE1 M	43.483	80.2	109.6	223.23	223.21	88.1	0.336	OK	223.1301	0.00	0.01	F009389
0100043-51RE1 H	21.094	128.1	162.6	223.17	223.17	138.1	0.129	OK	223.1301	0.00	0.01	F009389

#281: 0100043-52RE1



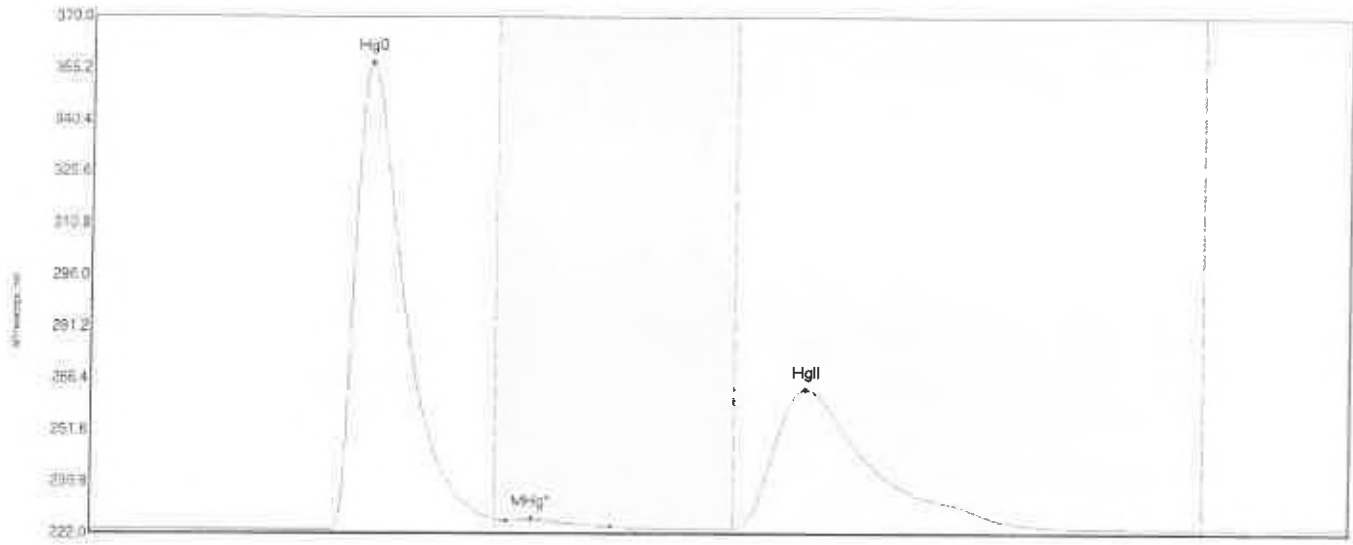
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Height	Width	Comment
0100043-52RE1	H 236.826	47.7	79.8	223.12	223.21	55.2	2.173	OK	223.1237	0.30	9.21	F009389
0100043-52RE1	M 86.612	80.0	114.2	223.22	223.22	88.3	0.646	OK	223.1237	0.00	0.01	F009389
0100043-52RE1	H 33.825	127.5	169.5	223.18	223.19	139.3	0.203	OK	223.1237	0.00	0.00	F009389

#282: 0100043-53RE1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100043-53RE1	H 283.849	47.4	80.0	223.13	223.24	55.5	2.609	CT	223.1439	0.00	0.00	F009389
0100043-53RE1	M 103.706	80.6	118.5	223.23	223.21	88.7	0.762	OK	223.1439	0.00	0.00	F009389
0100043-53RE1	H 187.018	127.5	184.3	223.20	223.17	139.7	0.904	OK	223.1439	0.00	0.00	F009389

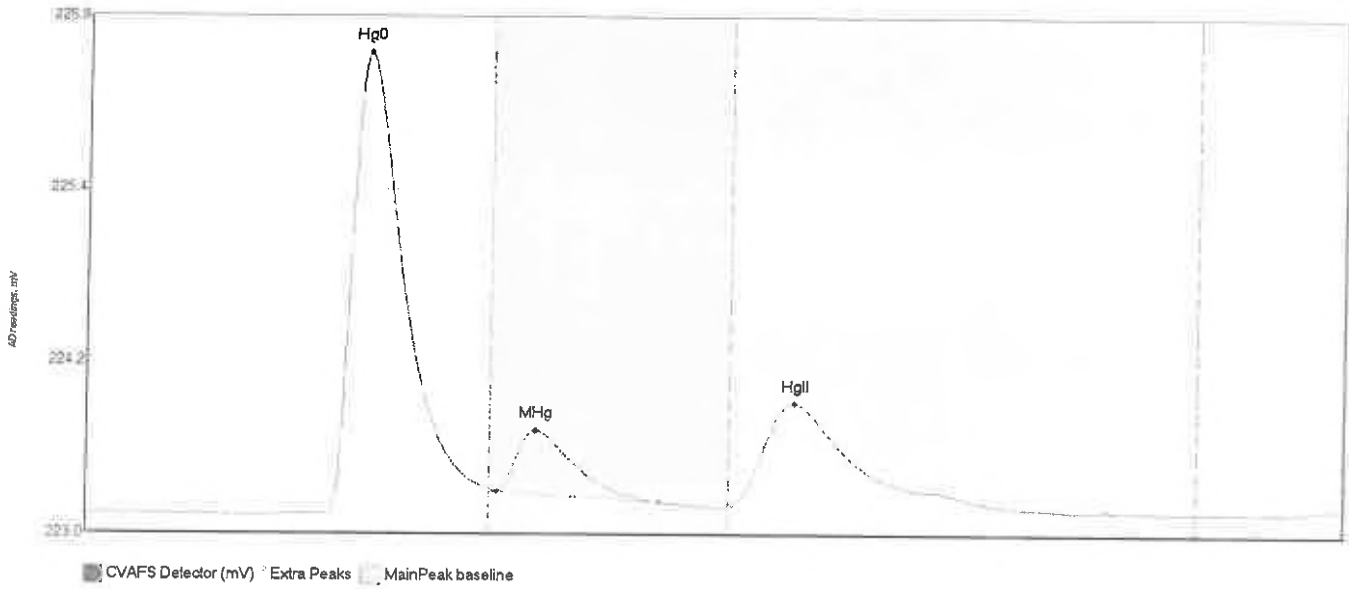
#283: 0100043-54RE1



CVAFS Detector (mV) Extra Peaks MainPeak baseline

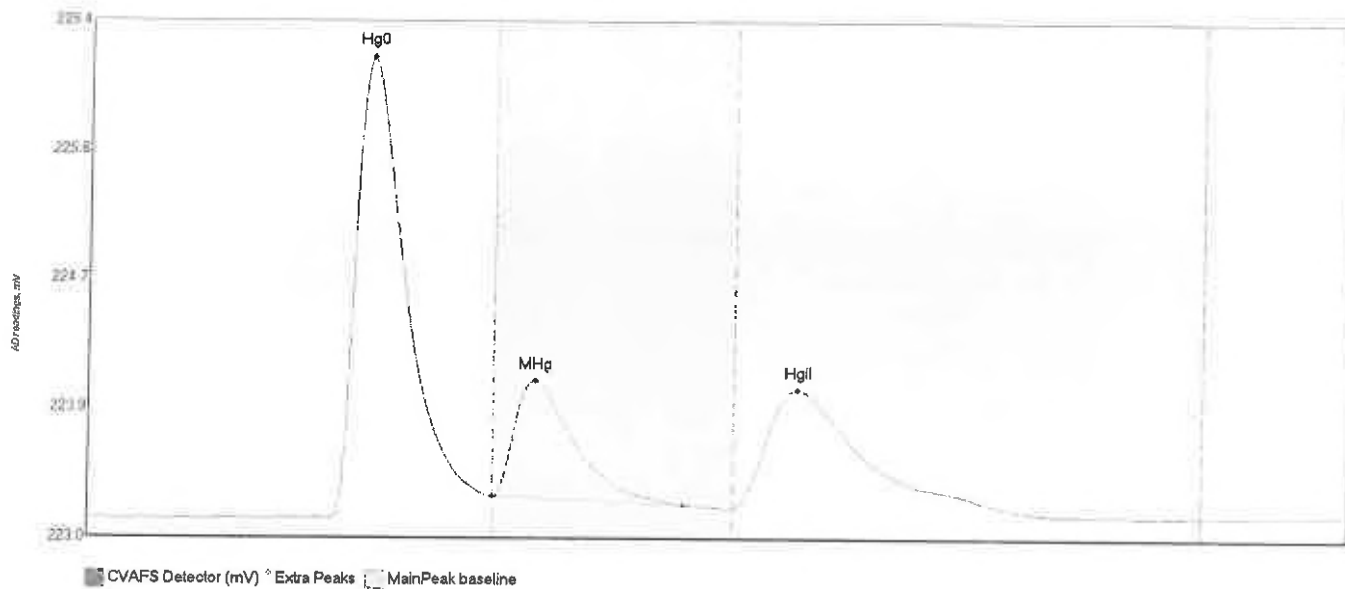
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-54RE1	H 14458.268	45.6	80.0	223.13	226.22	55.6	133.600	CT	223.1392	0.20	0.44	1005716
0100043-54RE1	M 07.188	82.4	103.0	225.66	223.95	87.2	0.588	RD	223.1392	0.10	0.44	2209787
0100043-54RE1	H 3091.174	127.5	219.4	223.56	223.39	141.5	39.910	OK	223.1392	0.18	0.44	7031469

#234: 0100043-55RE1



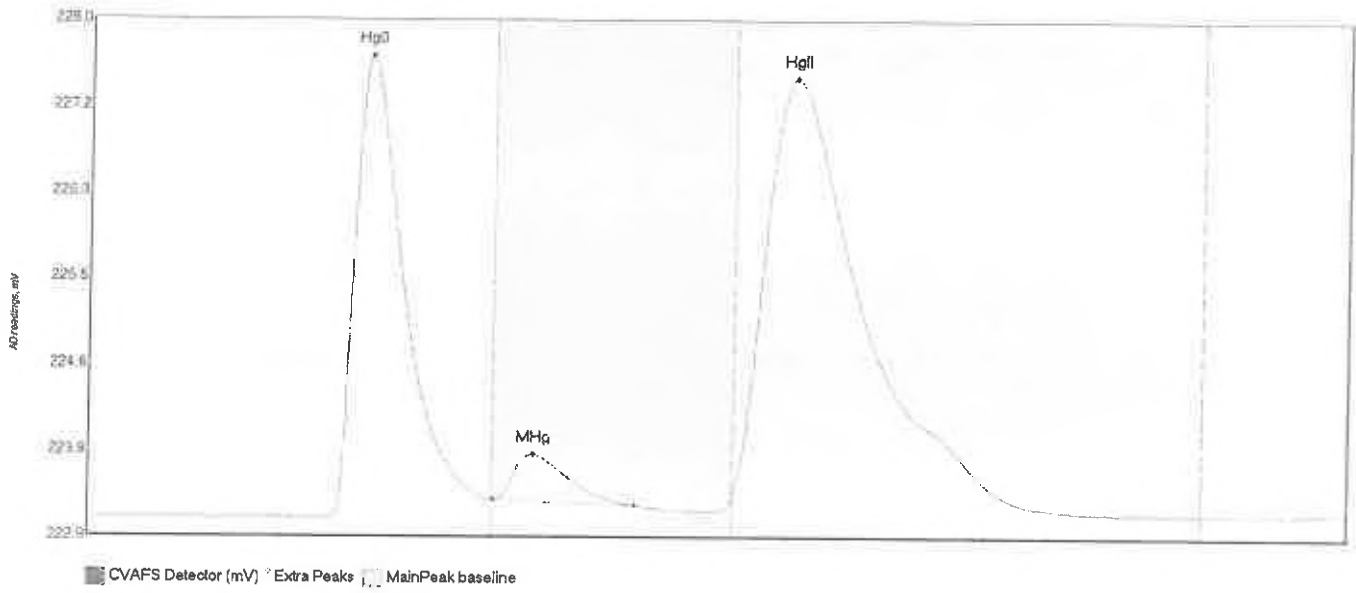
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Height	Shift	Comment
H 365.652	48.0	80.0	223.15	223.32	55.7	3.240	CT	223.1486	3.240	0.04	F009389
M 57.196	81.4	113.7	223.31	223.23	89.0	0.426	OK	223.1486	0.426	0.04	F009389
H 144.824	127.5	181.6	223.20	223.20	140.2	0.732	OK	223.1486	0.732	0.04	F009389

#285: 0100043-56RE1



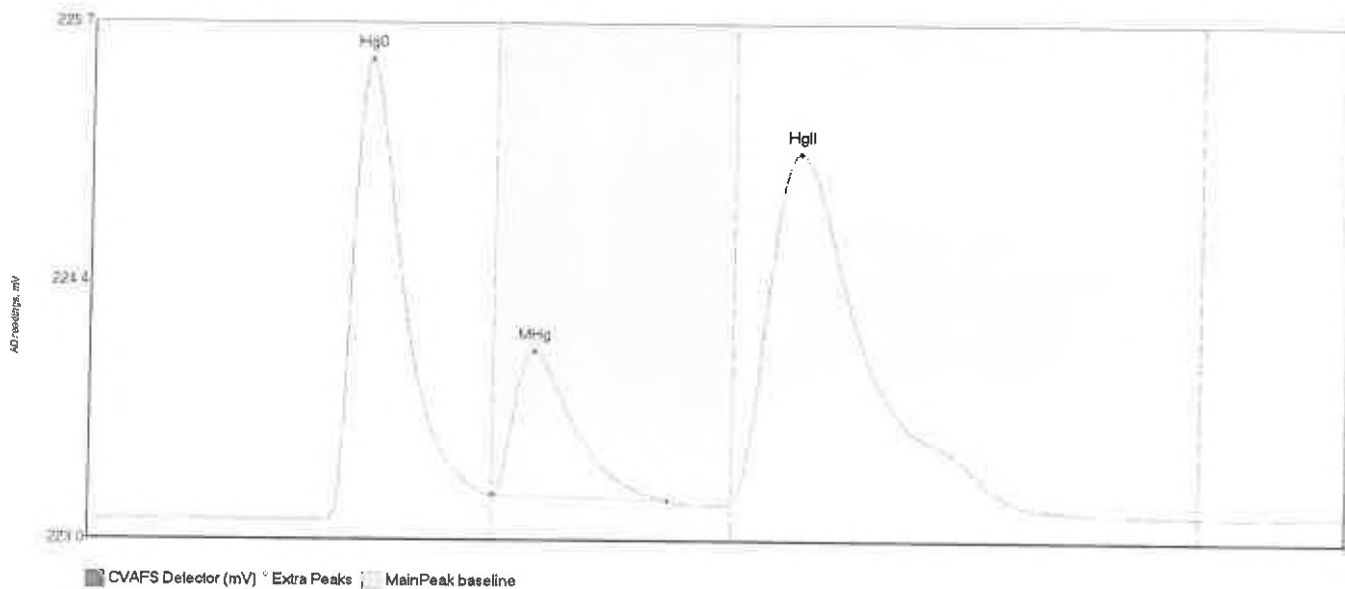
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-56RE1 H	341.590	47.8	79.9	223.13	223.28	55.7	3.068	OK	223.1350	0.00	0.03	F009389
0100043-56RE1 M	106.443	80.0	117.6	223.28	223.22	88.2	0.771	OK	223.1350	0.00	0.03	F009389
0100043-56RE1 H	173.086	127.5	185.8	223.20	223.17	140.1	0.789	OK	223.1350	0.00	0.03	F009389

#286: 0100043-57RE1



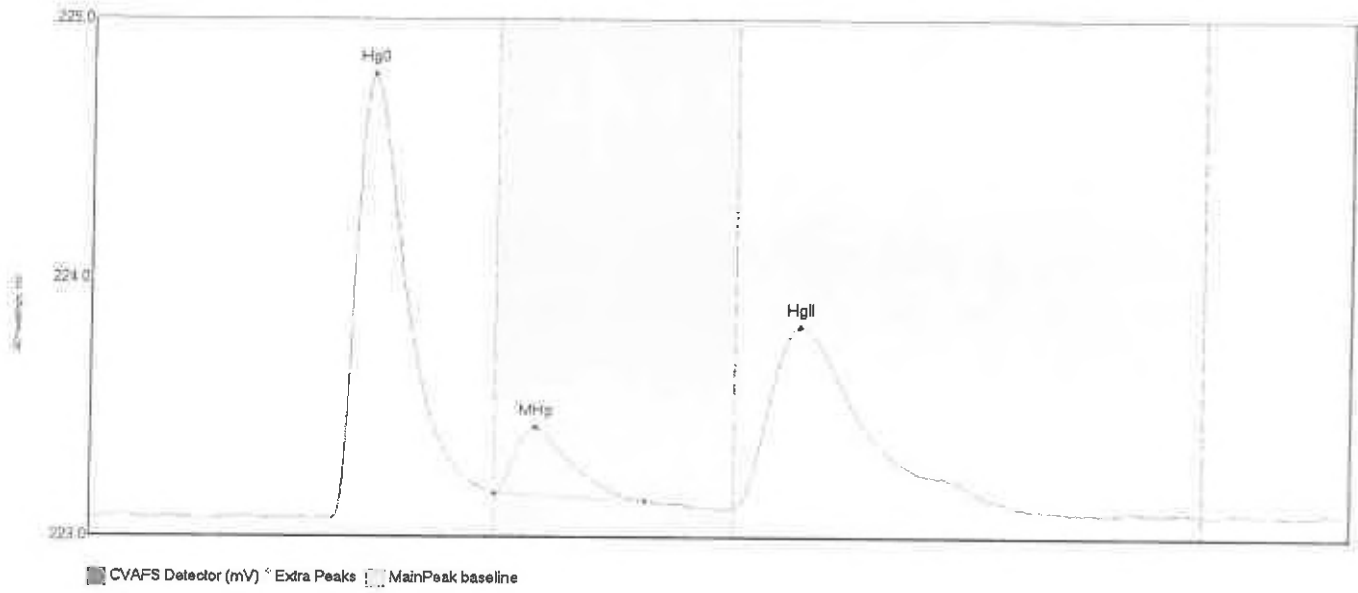
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	Comment
0100043-57RE1 H	494.782	45.8	80.0	223.12	223.31	55.6	4.516	CT	223.1304	0.00	F009389
0100043-57RE1 M	55.537	80.1	108.0	223.31	223.25	88.1	0.443	OK	223.1304	0.00	F009389
0100043-57RE1 H	902.193	127.5	193.3	223.35	223.20	139.3	4.087	OK	223.1304	0.00	F009389

#287: 0100043-58RE1



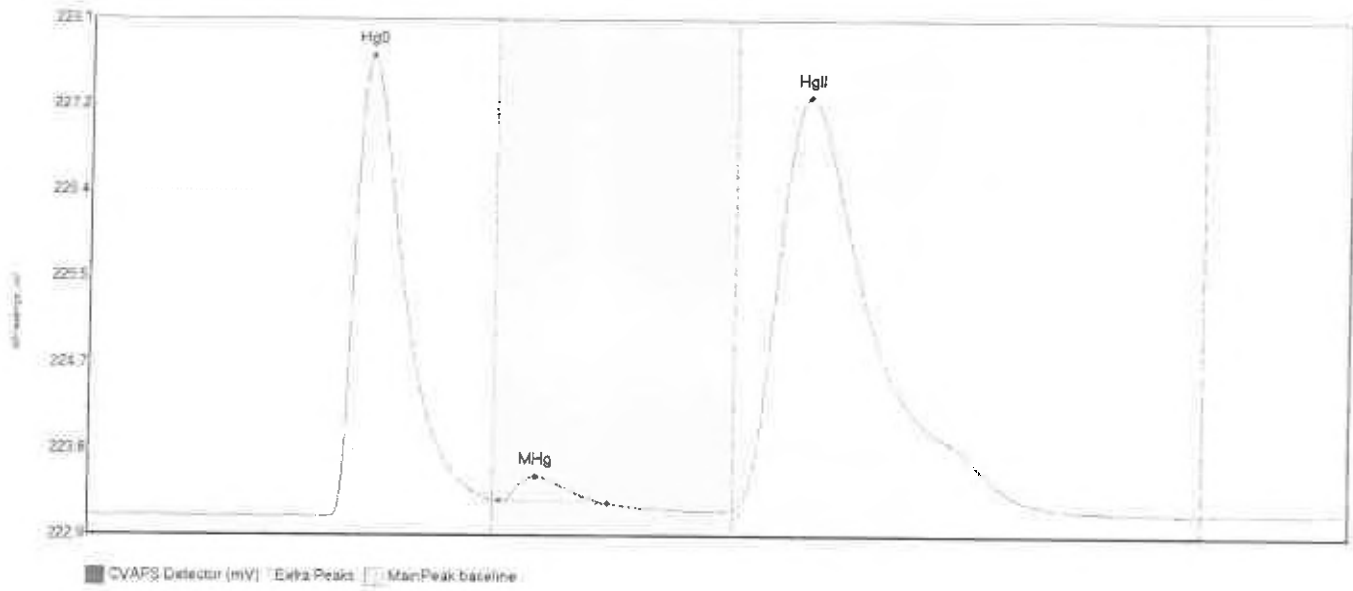
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-58RE1 H	265.751	45.6	79.7	223.13	223.26	55.5	2.418	OK	223.1223	0.00	0.04	F009389
0100043-58RE1 M	104.457	80.0	114.8	223.26	223.23	88.0	0.754	OK	223.1223	0.00	0.04	F009389
0100043-58RE1 H	401.838	127.5	187.7	223.23	223.19	140.4	1.833	OK	223.1223	0.00	0.04	F009389

#288: 0100043-59RE1



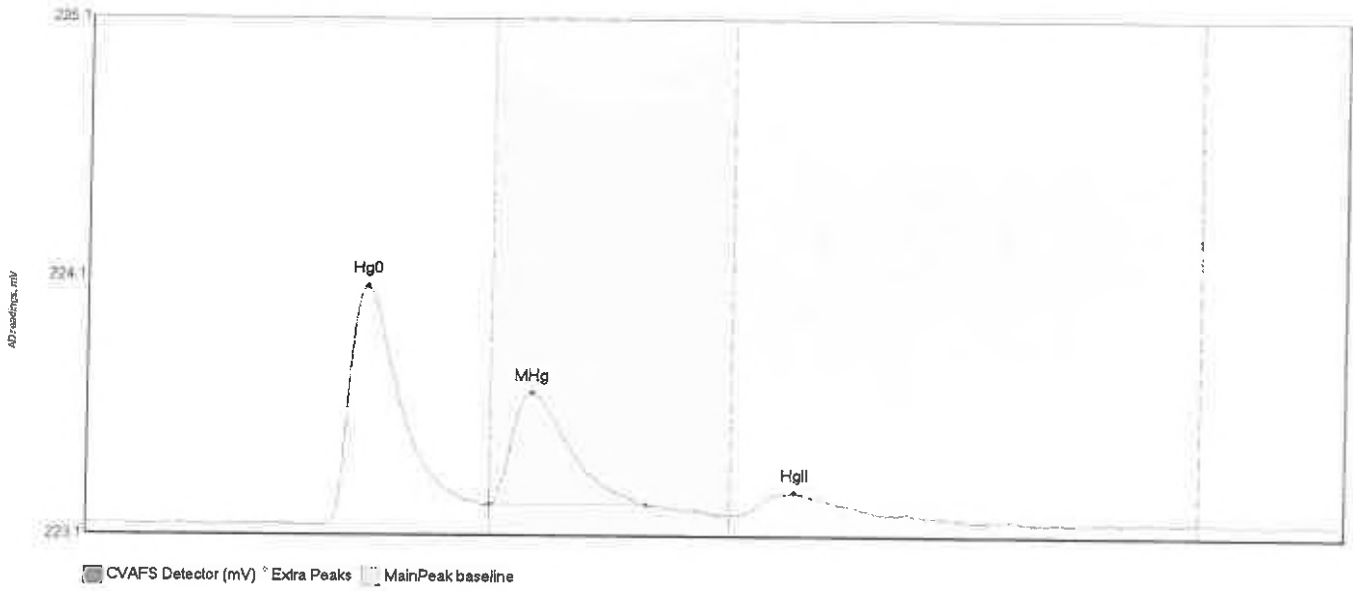
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-59RE1	H 191.187	47.7	80.0	223.12	223.21	55.5	1.712	CT	223.1210	0.00	0.01	F009389
0100043-59RE1	M 32.641	80.0	109.8	223.21	223.18	88.0	0.252	OK	223.1210	0.00	0.01	F009389
0100043-59RE1	H 149.837	127.5	183.3	223.16	223.16	140.2	0.703	OK	223.1210	0.00	0.01	F009389

#289: 0100043-60RE1



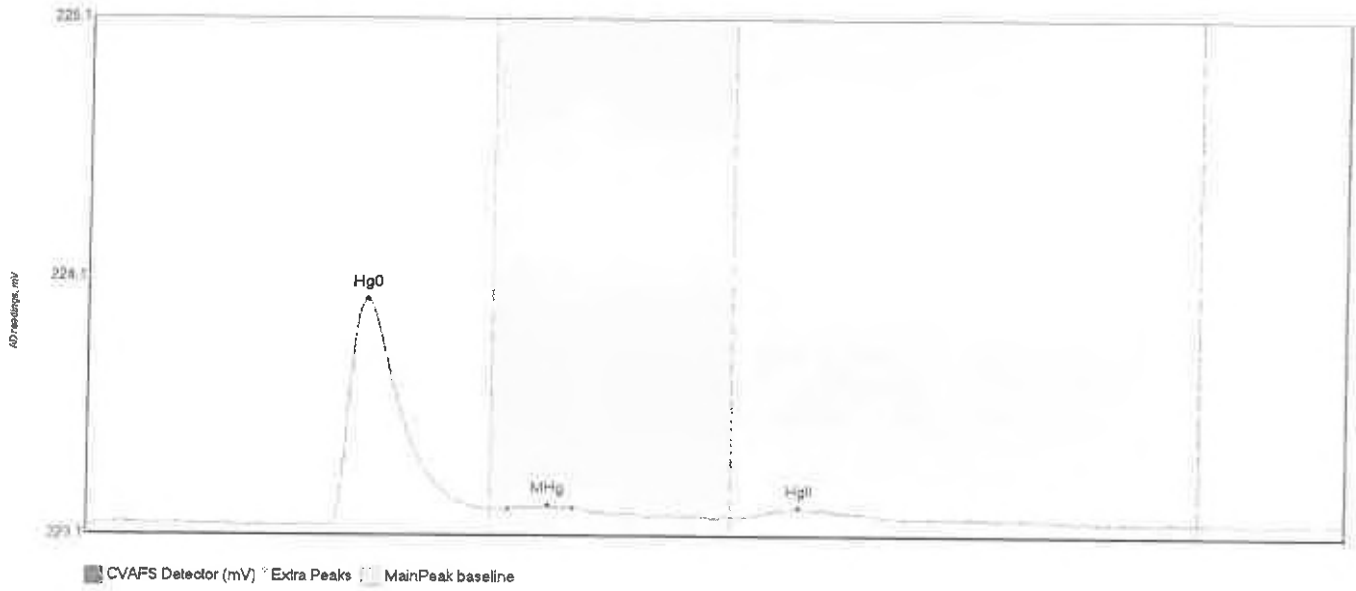
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	CVARS
0100043-60RE1	H 504.060	46.8	80.0	223.13	223.29	55.4	4.591	CT	223.1294	0.00	0.04	CVARS
0100043-60RE1	M 26.354	81.3	102.7	223.28	223.27	88.5	0.241	OK	223.1294	0.00	0.04	CVARS
0100043-60RE1	H 887.079	127.5	192.4	223.19	223.20	141.9	4.124	OK	223.1294	0.00	0.04	CVARS

#290: SEQ-CCVP



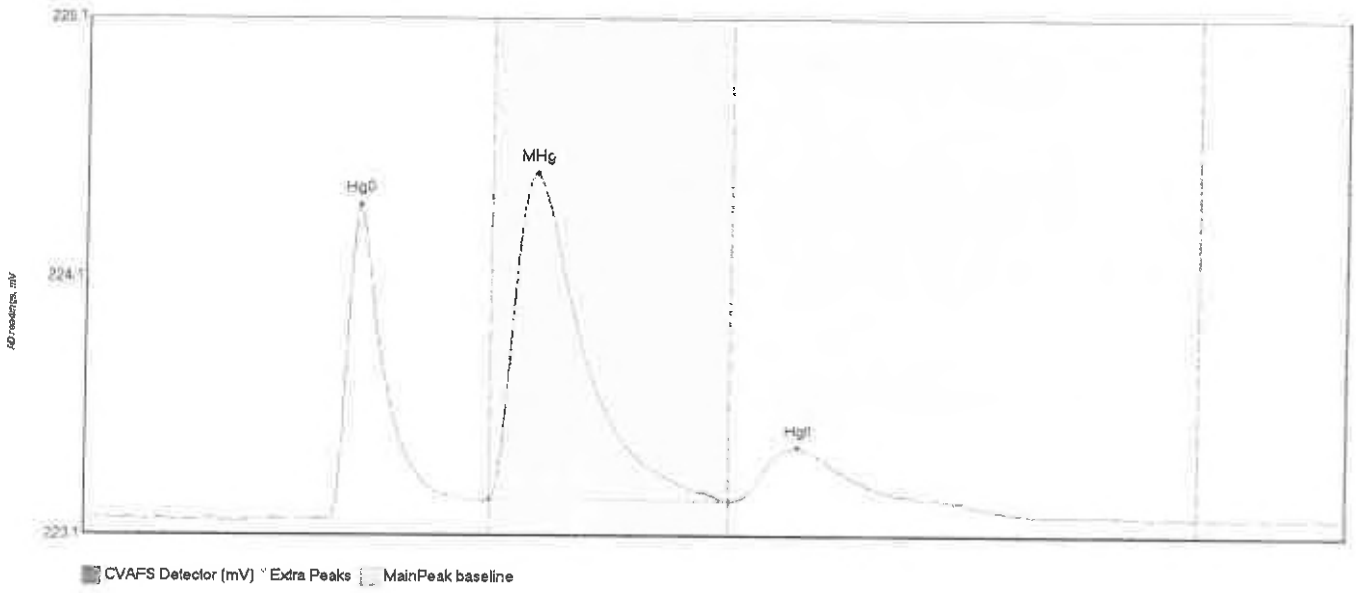
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVP Hg0	101.637	48.1	78.7	223.12	223.20	55.5	0.918	OK	223.1240	0.00	0.00	
SEQ-CCVP MHg	55.703	80.0	110.7	223.20	223.20	88.0	0.429	OK	223.1240	0.00	0.00	
SEQ-CCVP HgII	12.993	128.5	157.2	223.16	223.17	140.0	0.089	OK	223.1240	0.00	0.00	

#291: SEQ-CCVP



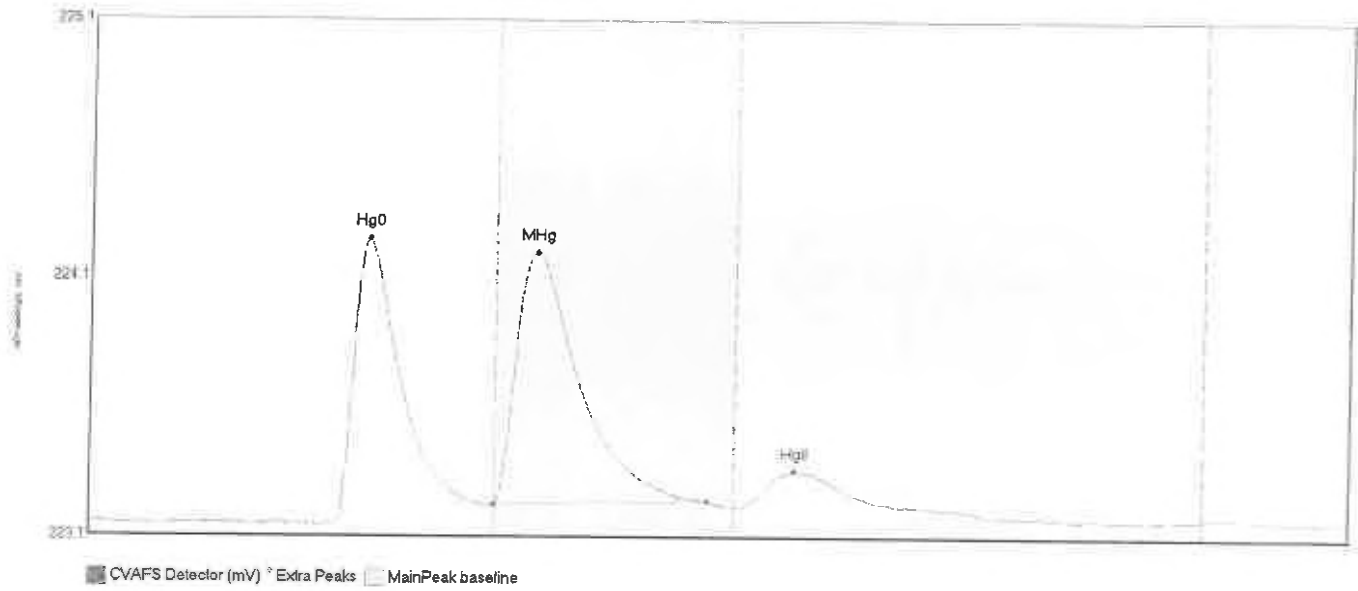
Name	Area	Start Time	EndTime	StartValue	EndValue	Height	Max	PeakHeight	Flags	Retention	StdDev	Width	Comment
SEQ-CCVP Hg0	96.521	47.9	80.0	223.13	223.18	0.875	0.875	0.875	CT	223.134	0.00	4.01	
SEQ-CCVP MHg	0.833	83.5	96.2	223.19	223.19	0.014	0.014	0.014	OK	223.194	0.00	1.00	
SEQ-CCVP HgII	4.139	130.9	156.2	223.17	223.17	0.032	0.032	0.032	OK	223.194	0.00	1.00	

#292: F009391-BS4



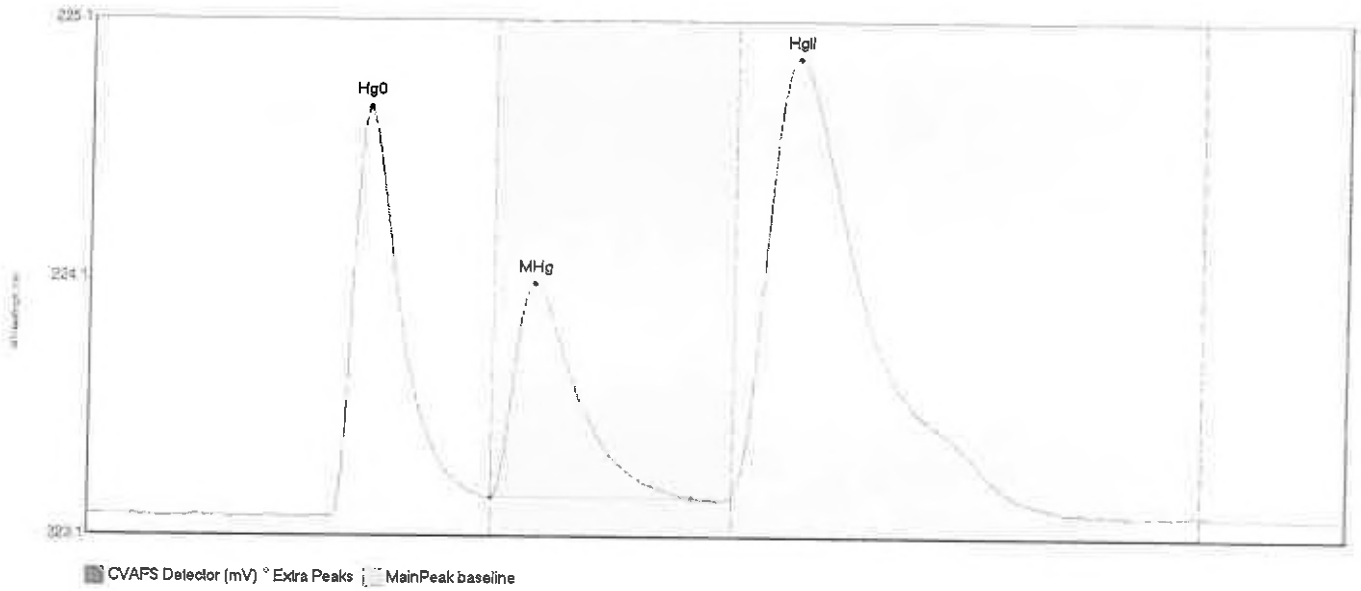
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009391-BS4 Hg0	99.304	47.9	79.3	223.14	223.21	54.0	1.210	OK	223.1366	0.00	0.00	F009391
F009391-BS4 MHg	195.565	80.0	127.5	223.21	223.21	88.8	1.262	CT	223.1366	0.00	0.00	F009391
F009391-BS4 HgI	34.892	127.5	165.7	223.21	223.21	140.8	0.207	OK	223.1366	0.00	0.00	F009391

#298: F009391-BSD4



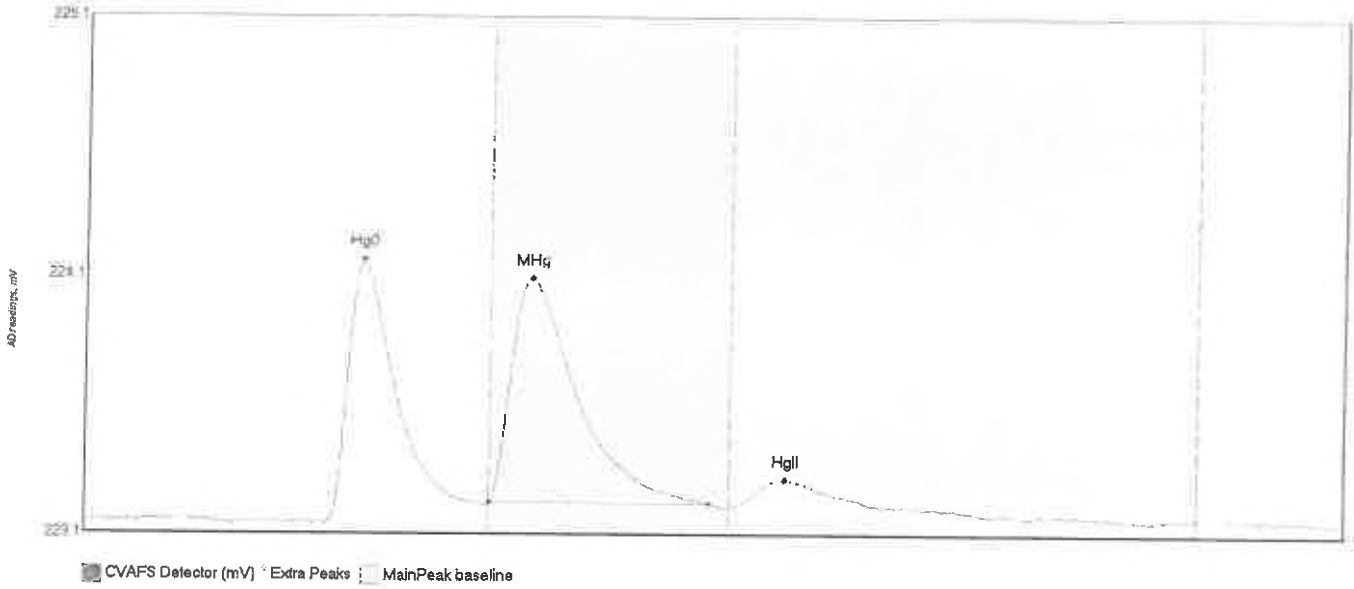
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009391-BSD4 Hg	113.883	48.2	79.3	223.12	223.20	55.0	1.099	OK	223.1325	0.00	0.01	F009391
F009391-BSD4 MH	139.529	80.0	122.2	223.20	223.21	88.3	0.972	OK	223.1325	0.00	0.01	F009391
F009391-BSD4 Hg	21.559	128.4	162.8	223.19	223.20	139.1	0.139	OK	223.1325	0.00	0.01	F009391

#294: F009392-BS3



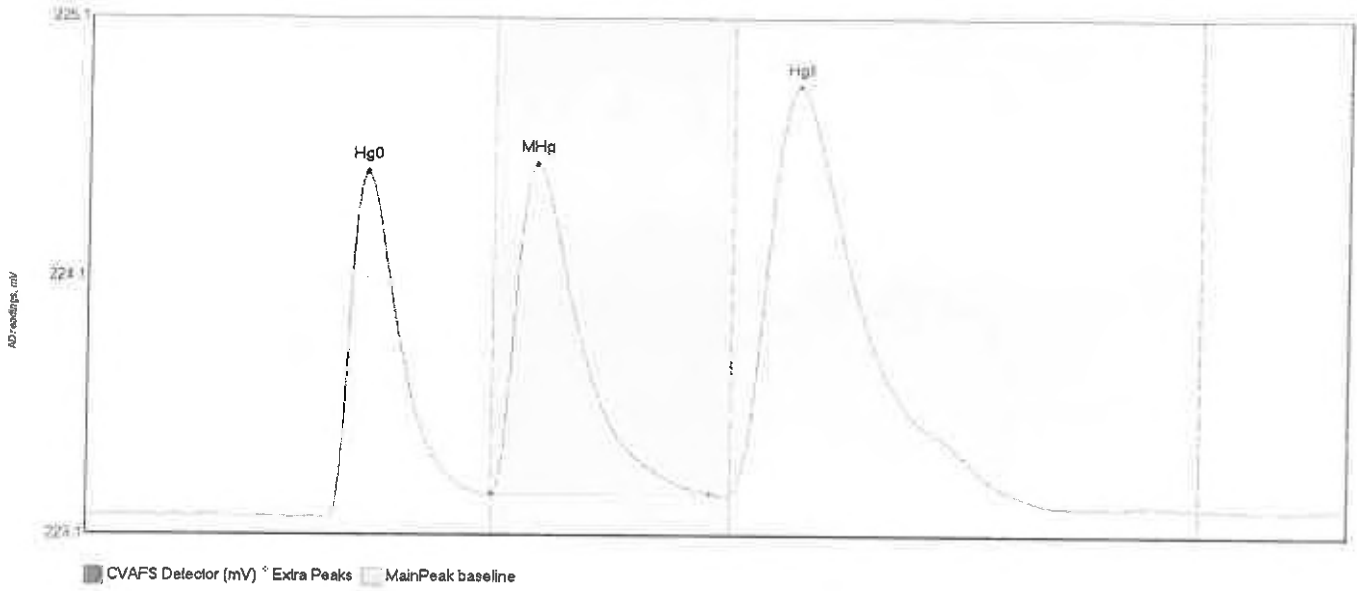
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009392-BS3 Hg0	169.276	48.4	79.4	223.14	223.21	55.2	1.600	OK	223.1496	0.00	-0.01	F009392
F009392-BS3 MHg	119.933	80.0	119.5	223.22	223.22	88.2	0.841	OK	223.1496	0.00	-0.01	F009392
F009392-BS3 HgI	378.560	127.5	187.9	223.23	223.19	139.7	1.712	OK	223.1496	0.00	-0.01	F009392

#295: F009392-BSD3



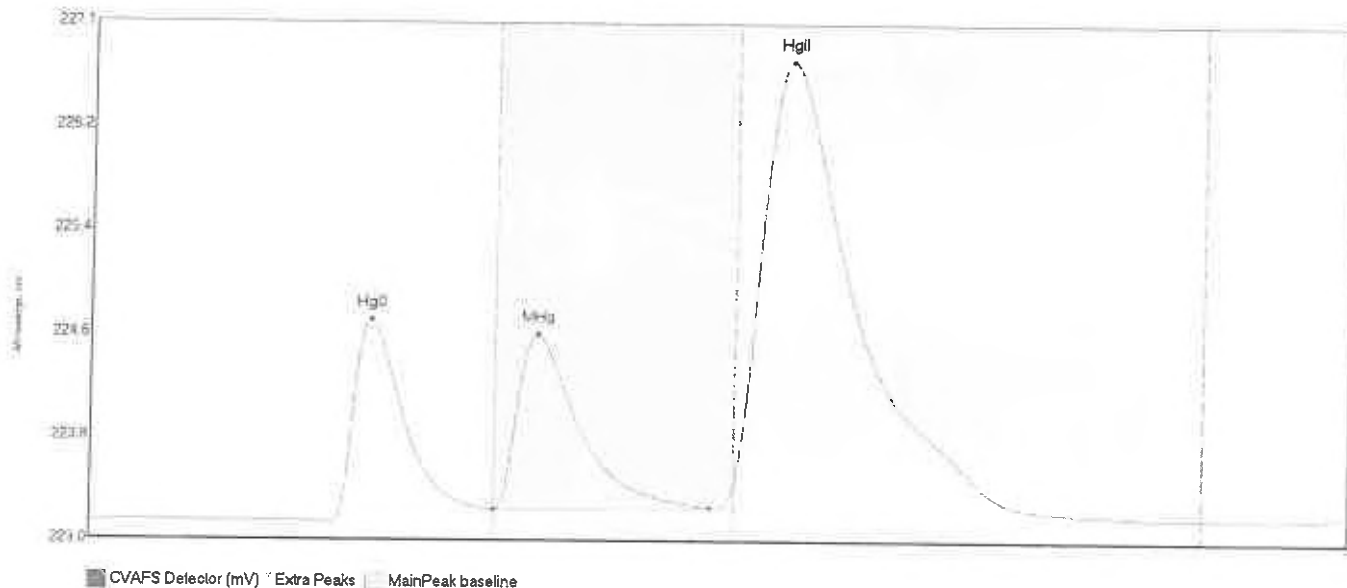
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009392-BSD3 Hg	105.044	47.8	79.0	223.13	223.20	54.9	1.015	OK	223.1436	0.00	0.00	F009392
F009392-BSD3 MH	129.687	80.0	123.4	223.21	223.21	88.2	0.869	OK	223.1436	0.00	0.00	F009392
F009392-BSD3 Hg	14.978	128.4	155.8	223.20	223.20	138.6	0.104	OK	223.1436	0.00	0.00	F009392

#296: F009425-MS3



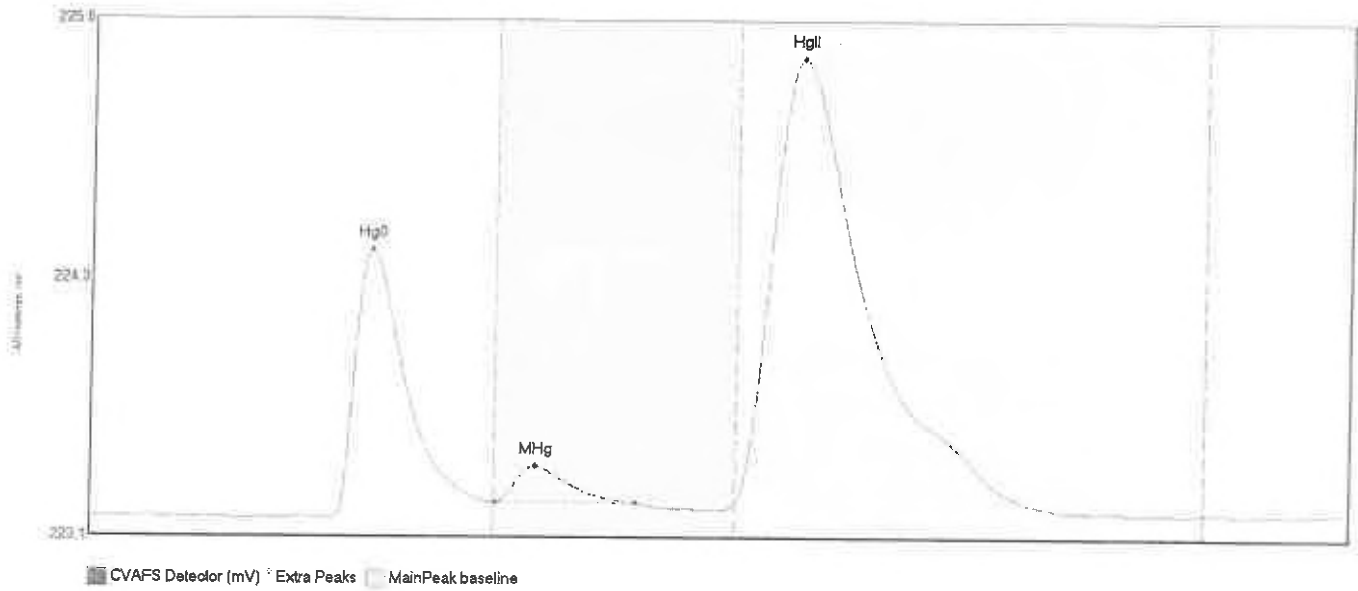
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Height	Comment
F009425-MS3 Hg0	146.199	47.8	78.9	223.14	223.22	55.2	1.331	OK	223.1404	0.00	0.04	F009425
F009425-MS3 MHg	186.062	80.0	123.4	223.22	223.23	88.4	1.280	OK	223.1404	0.00	0.04	F009425
F009425-MS3 HgI	334.747	127.5	189.7	223.23	223.18	140.2	1.573	OK	223.1404	0.00	0.04	F009425

#297: F009425-MSD3



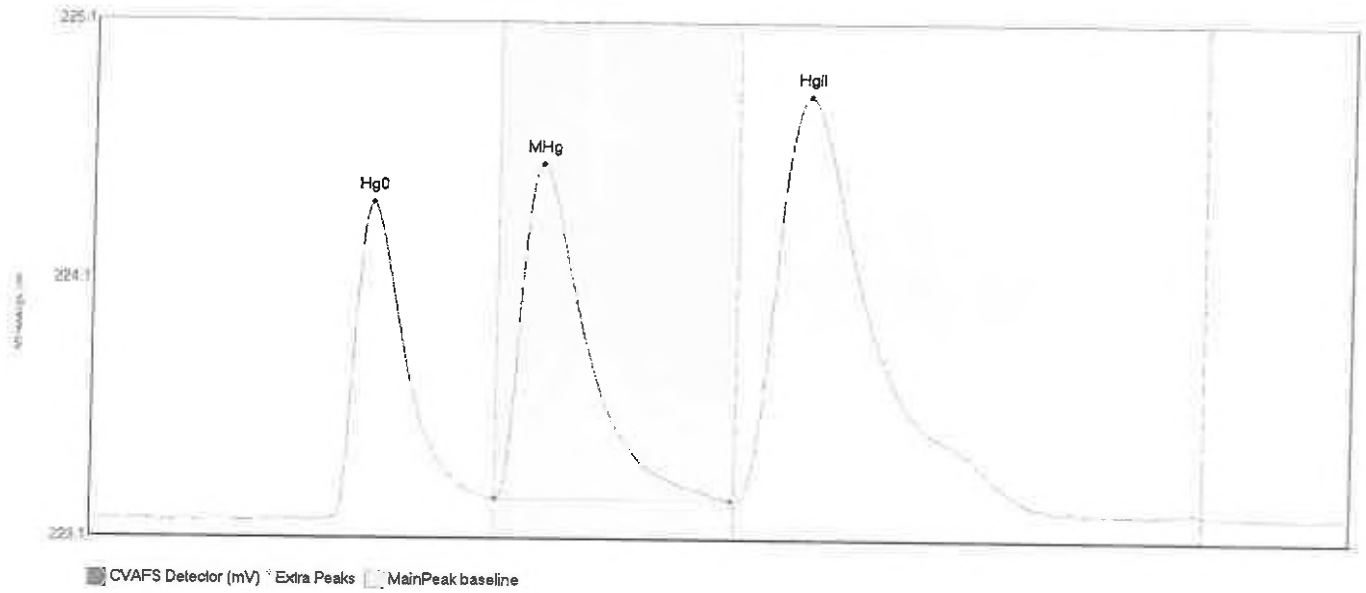
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	
F009425-MSD3 Hg	174.338	47.5	79.7	223.14	223.24	55.4	1.586	OK	223.1471	0.00	0.05	CHHWHH
F009425-MSD3 MH	193.830	80.0	122.6	223.24	223.25	88.4	1.376	OK	223.1471	0.00	0.05	HHHWHH
F009425-MSD3 Hg	681.833	127.5	188.2	223.48	223.23	137.9	3.292	OK	223.1471	0.00	0.05	HHHWHH

#298: 0100073-67RE1



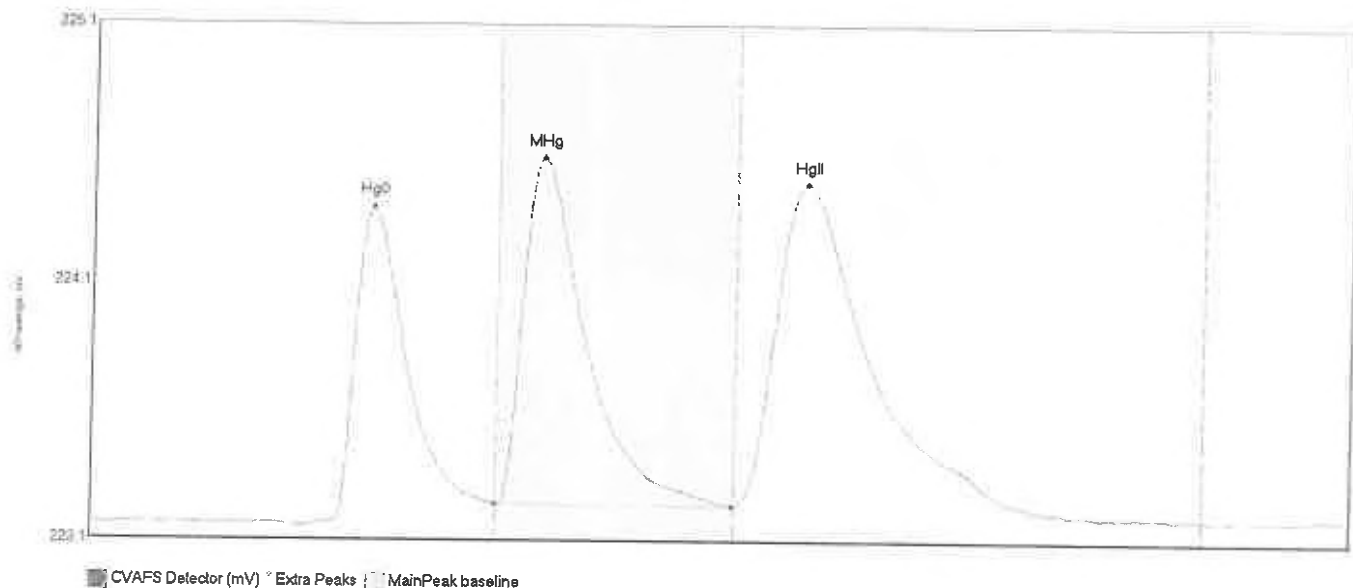
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-67RE1 H	143.280	48.0	80.0	223.15	223.22	55.4	1.283	CT	223.1557	0.00	0.03	F009426
0100073-67RE1 M	20.699	80.3	107.7	223.22	223.22	88.2	0.172	OK	223.1557	0.00	0.03	F009426
0100073-67RE1 H	455.679	127.5	187.6	223.23	223.20	140.2	2.130	OK	223.1557	0.00	0.03	F009426

#289: F009426-MS3



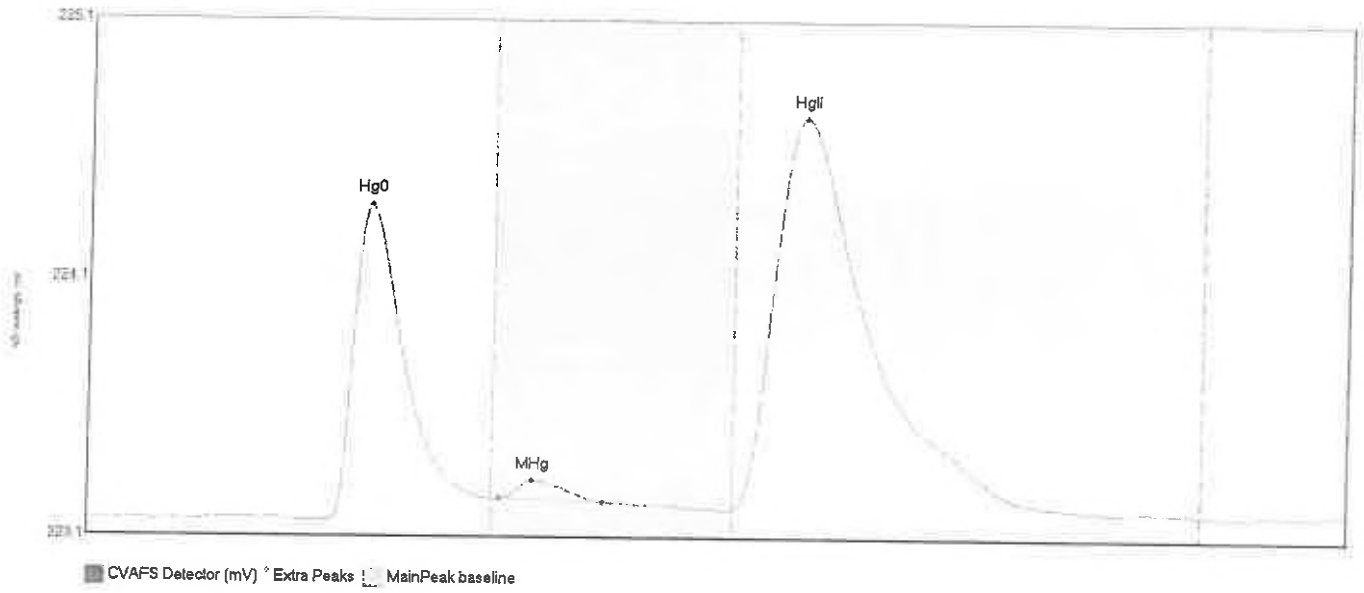
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-MS3 Hg0	135.597	45.2	80.0	223.17	223.25	55.6	1.227	CT	223.1717	0.00	0.02	F009426
F009426-MS3 MHg	190.958	80.0	126.6	223.25	223.25	88.7	1.298	OK	223.1717	0.00	0.02	F009426
F009426-MS3 HgI	331.694	127.5	187.2	223.25	223.22	141.5	1.564	OK	223.1717	0.00	0.02	F009426

#300: F009426-MSD3



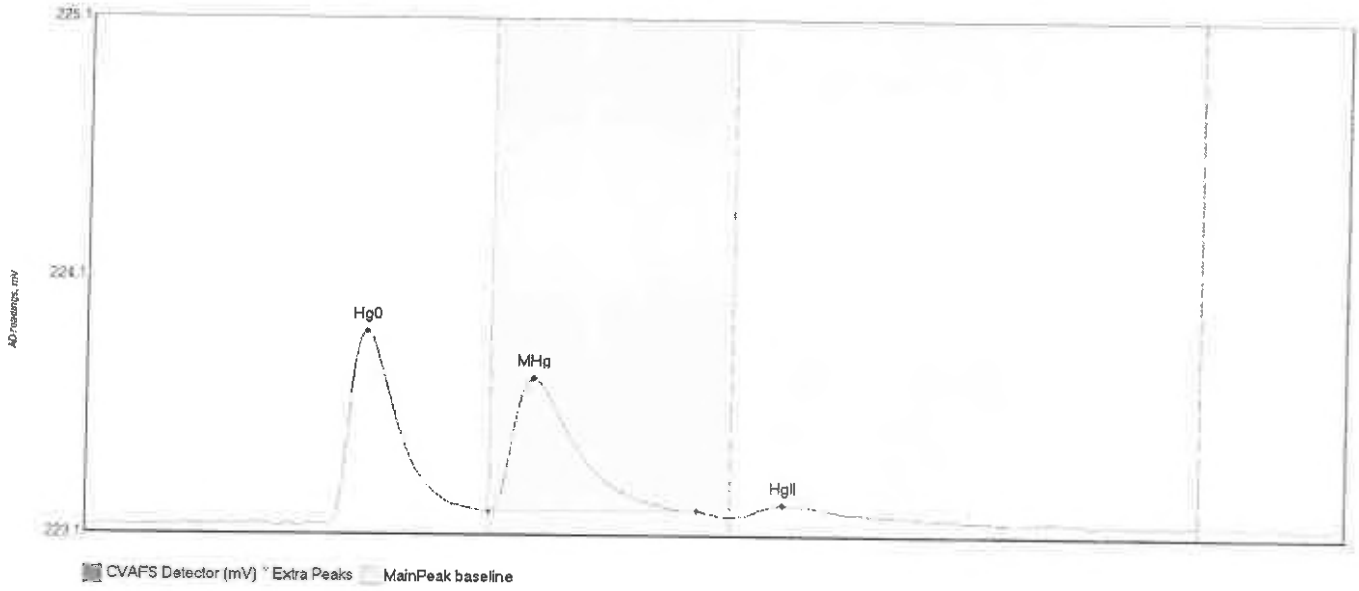
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-MSD3 Hg	136.928	44.7	80.0	223.18	223.25	55.4	1.226	CT	223.1766	0.00	0.03	F009426
F009426-MSD3 MH	193.352	80.0	127.0	223.25	223.25	88.9	1.343	OK	223.1766	0.00	0.03	F009426
F009426-MSD3 Hg	256.582	127.5	181.9	223.25	223.26	141.0	1.251	OK	223.1766	0.00	0.03	F009426

#301: 0100073-56RE1



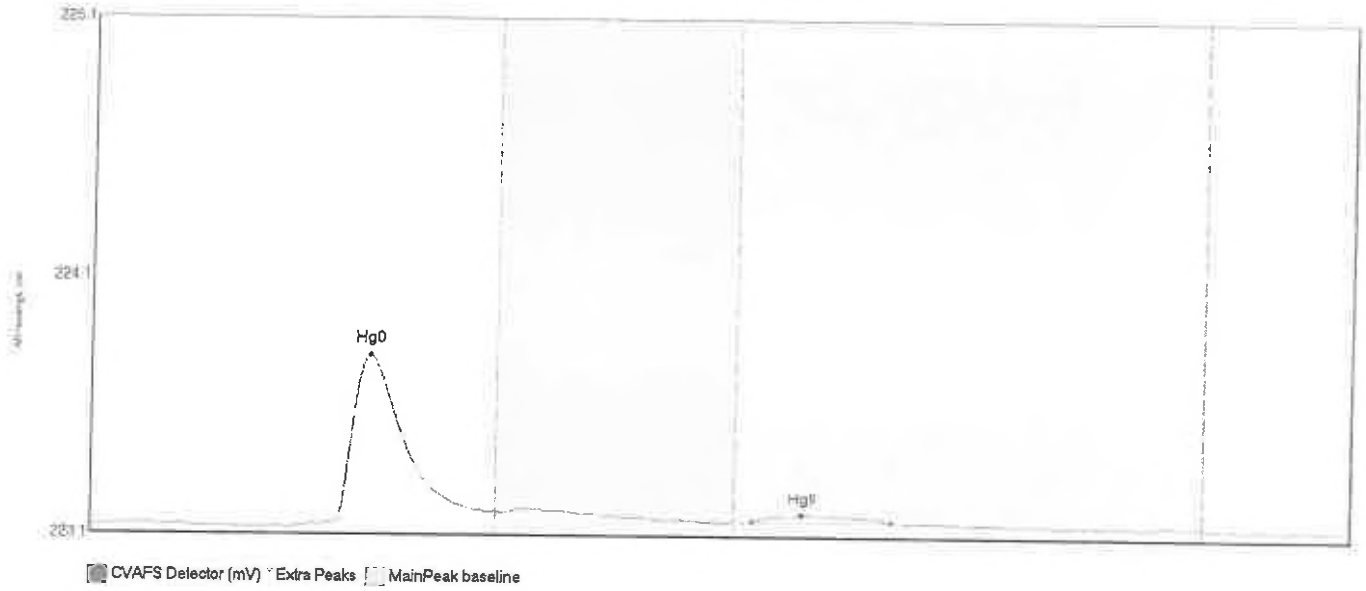
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-56RE1 H	133.503	48.2	79.9	223.18	223.26	55.6	1.213	OK	223.1811	0.00	0.03	F009426
0100073-56RE1 M	7.974	81.7	102.3	223.26	223.25	88.2	0.071	OK	223.1811	0.00	0.03	F009426
0100073-56RE1 H	324.001	127.5	190.9	223.22	223.23	141.0	1.521	OK	223.1811	0.00	0.03	F009426

#302: SEQ-CCVQ



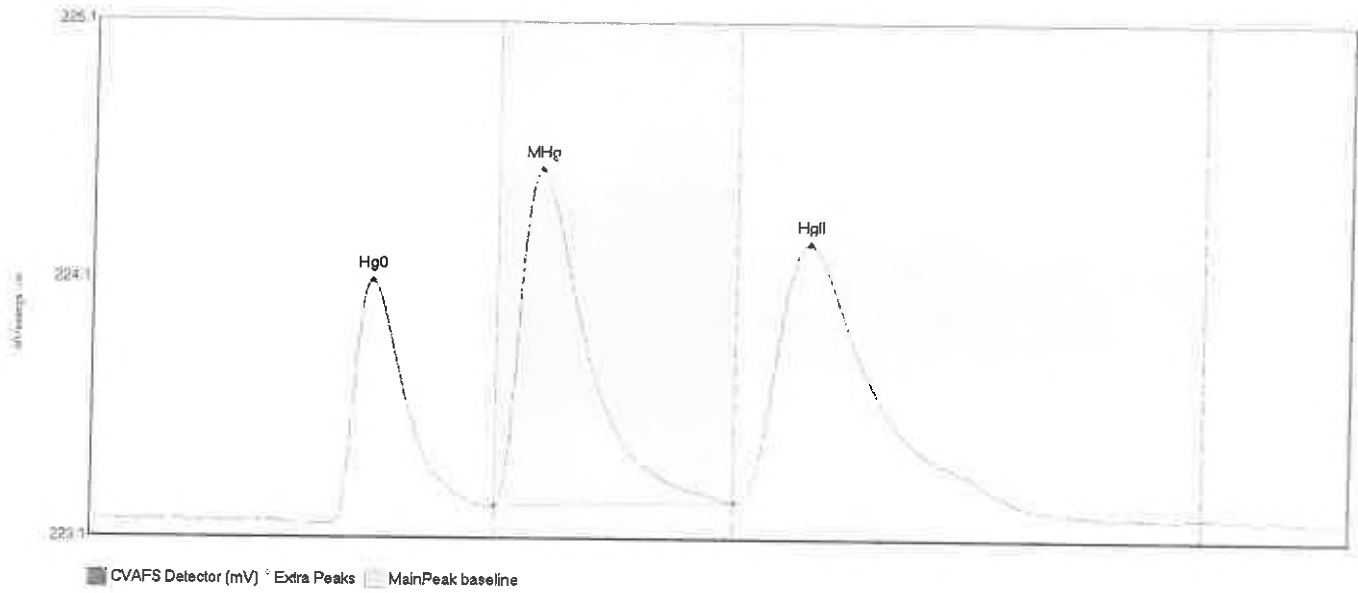
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVQ Hg0	83.035	42.0	80.0	223.18	223.23	55.5	0.756	CT	223.1767	0.00	0.01	
SEQ-CCVQ MHg	73.178	80.0	120.9	223.23	223.24	88.4	0.518	OK	223.1767	0.00	0.01	
SEQ-CCVQ HgII	5.458	130.3	154.9	223.22	223.23	137.8	0.041	OK	223.1767	0.00	0.01	

#303: SEQ-CCBQ



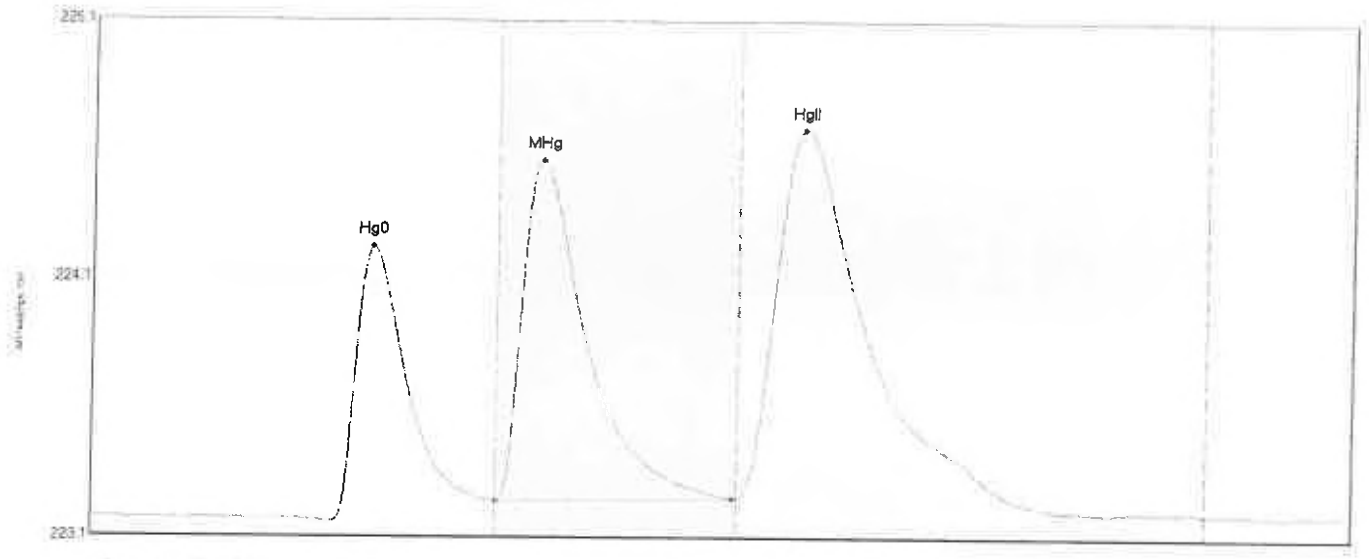
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBQ Hg0	71.096	45.1	79.1	223.18	223.24	55.4	0.661	OK	223.1770	0.00	0.00	
SEQ-CCBQ HgII	4.809	130.9	158.3	223.20	223.20	140.7	0.026	OK	223.1770	0.00	0.00	

#804: F009426-MS4



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Comment
F009426-MS4 Hg0	103.699	47.3	79.0	223.17	223.24	55.5	0.936	OK	223.1817	0.00	0.00	F009426
F009426-MS4 MHg	197.305	80.0	127.5	223.24	223.25	88.7	1.302	CT	223.1817	0.00	0.00	F009426
F009426-MS4 HgI	215.513	127.8	186.9	223.25	223.23	141.6	1.003	OK	223.1817	0.00	0.00	F009426

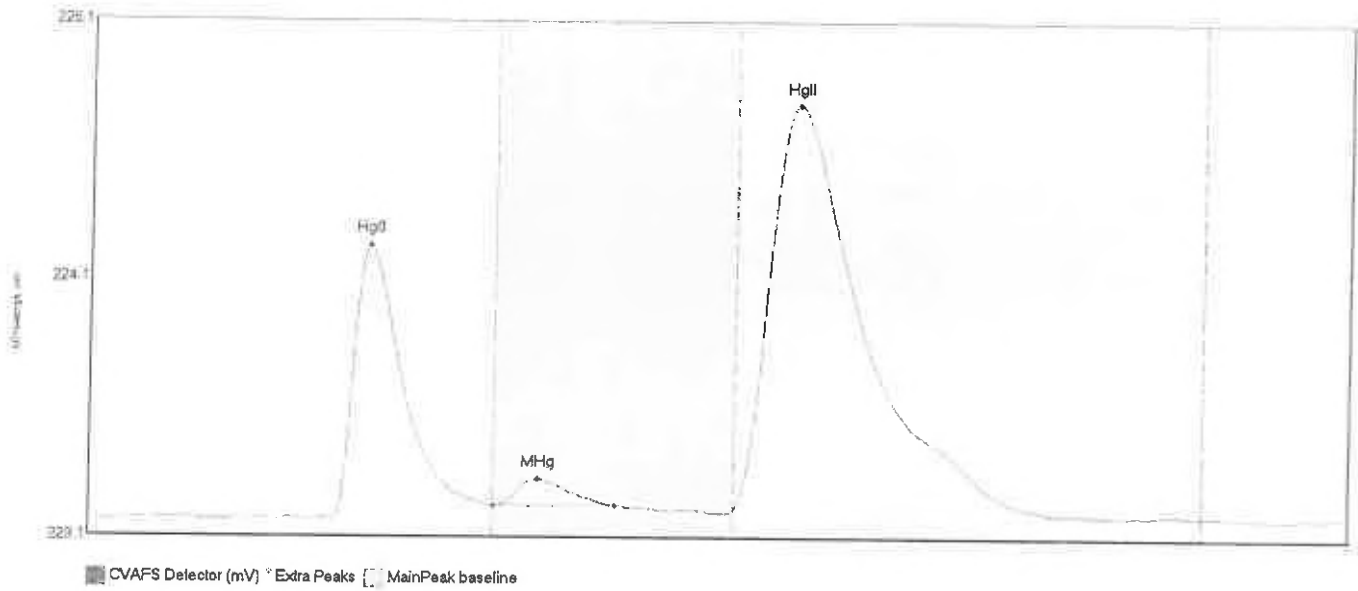
#305: F009426-MSD4



CVAFS Detector (mV) Extra Peaks MainPeak baseline

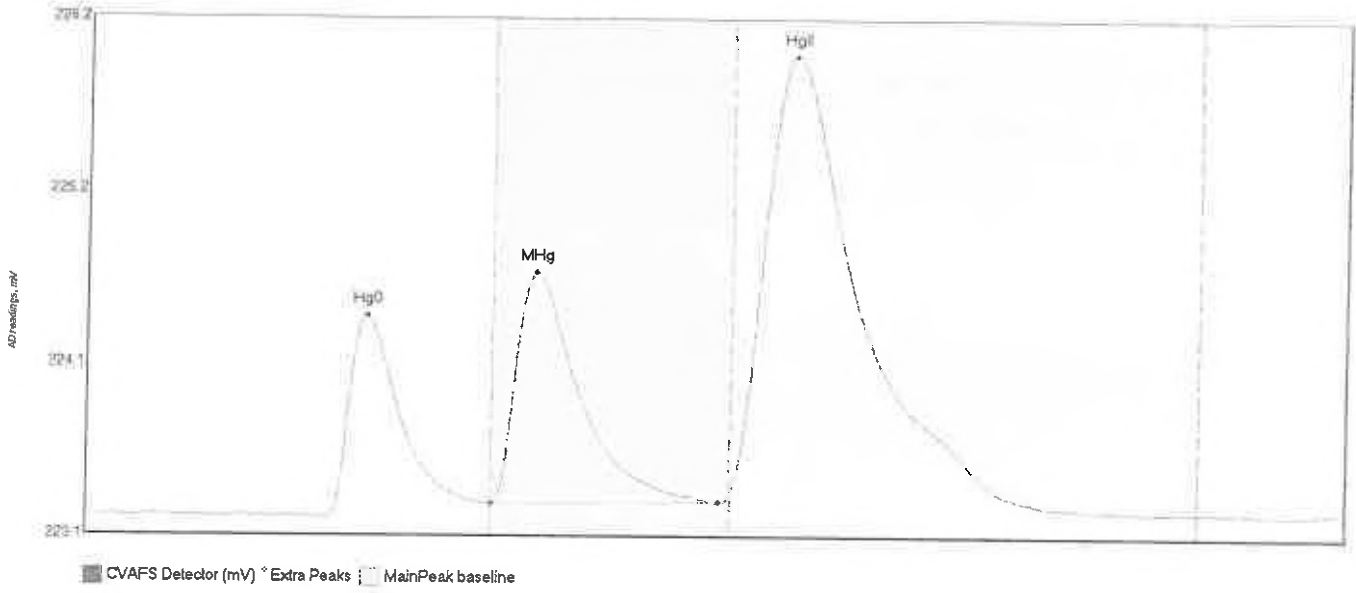
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009426-MSD4 Hg	117.174	47.1	79.6	223.17	223.25	55.3	1.058	OK	223.1896	0.00	0.01	F009426
F009426-MSD4 MHg	192.009	80.0	126.5	223.25	223.26	88.9	1.318	OK	223.1896	0.00	0.01	F009426
F009426-MSD4 Hg	293.423	127.5	187.0	223.27	223.22	140.3	1.424	OK	223.1896	0.00	0.01	F009426

#306: 0100073-86RE1



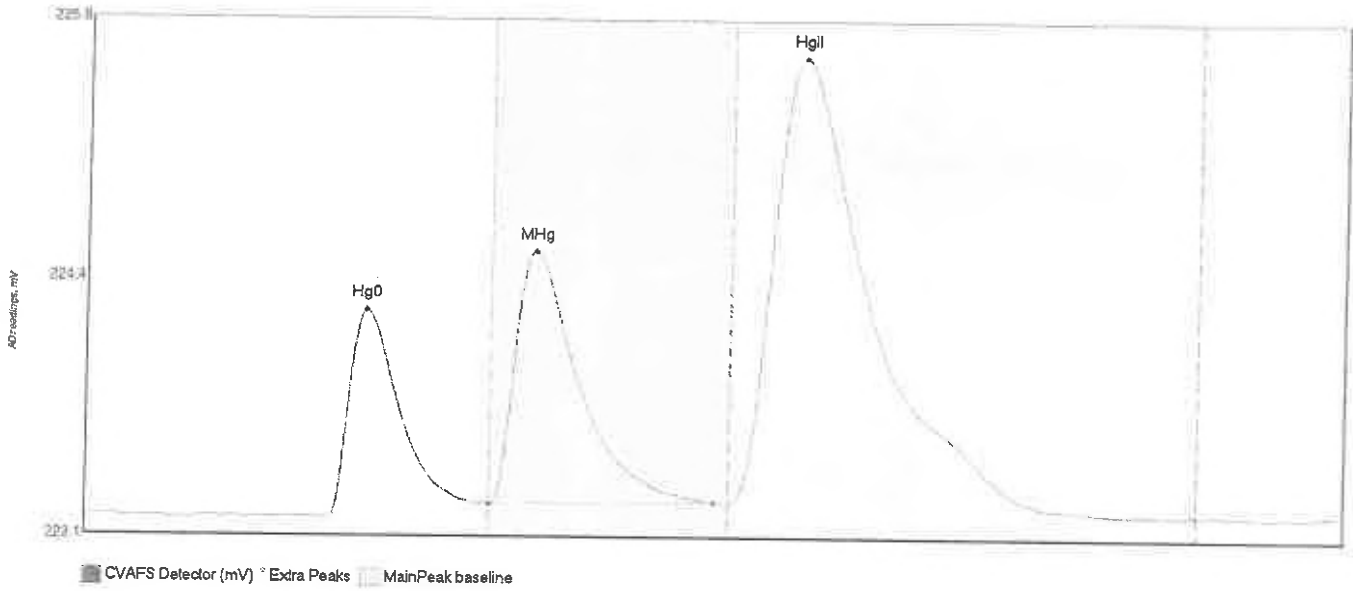
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-86RE1	H 115.550	47.7	79.7	223.19	223.24	55.3	1.054	OK	223.1881	0.02	0.02	F009427
0100073-86RE1	M 11.544	80.1	103.8	223.24	223.25	88.8	0.102	OK	223.1881	0.02	0.02	F009427
0100073-86RE1	H 328.377	127.5	186.8	223.23	223.23	139.8	1.566	OK	223.1881	0.02	0.02	F009427

#807: F009427-MS3



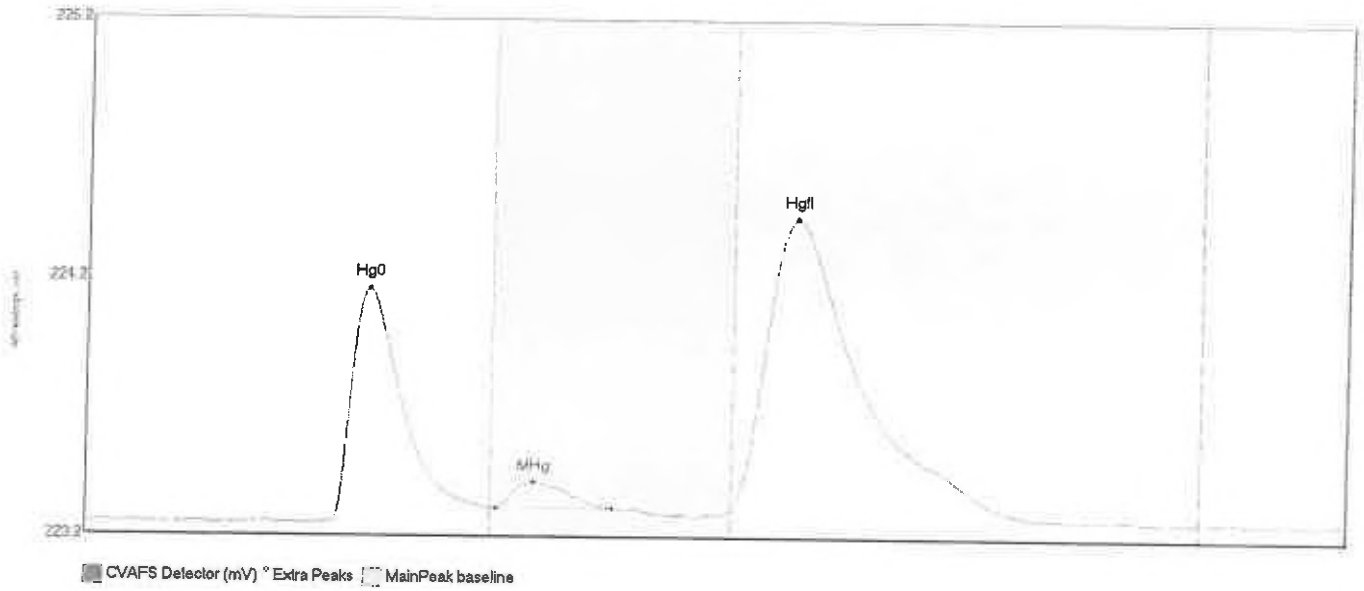
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-MS3 Hg0	136.224	48.2	79.7	223.19	223.27	55.5	1.235	OK	223.2044	0.00	0.02	F009427
F009427-MS3 MHg	203.714	125.0	125.1	223.27	223.28	88.6	1.418	OK	223.2044	0.00	0.02	F009427
F009427-MS3 Hg1	568.328	127.5	189.9	223.34	223.25	139.6	2.670	OK	223.2044	0.00	0.02	F009427

#308: F009427-MSD3



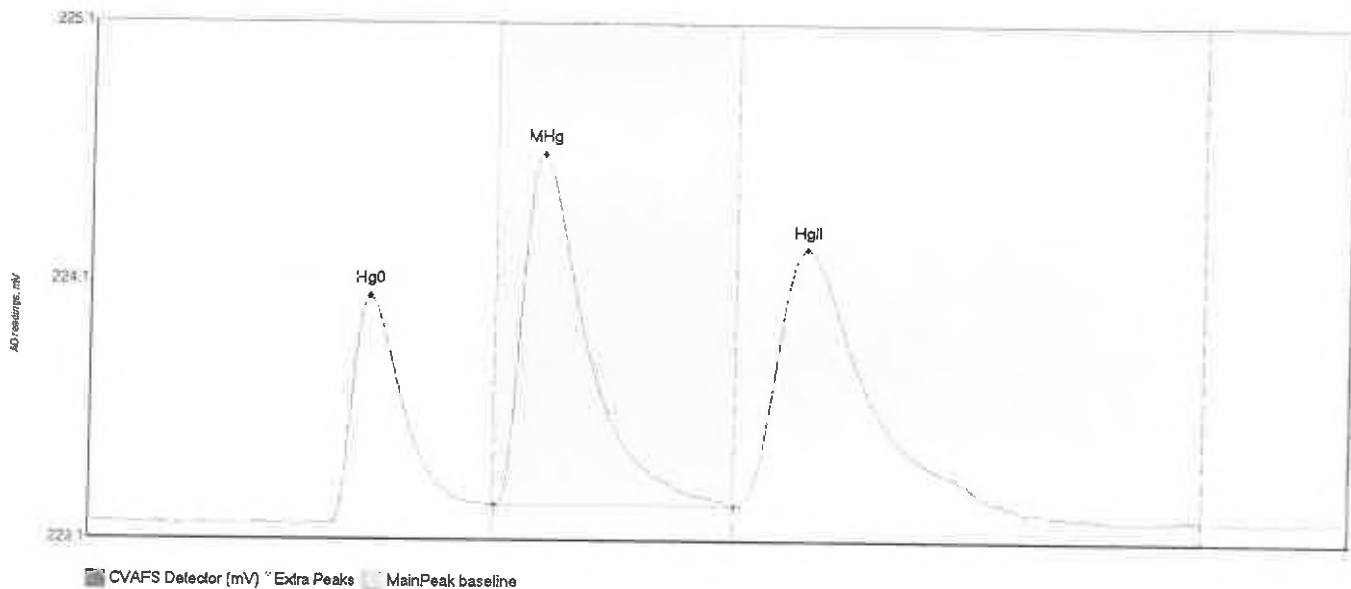
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-MSD3 Hg	119.136	47.8	79.7	223.20	223.27	55.4	1.073	OK	223.2049	0.00	0.02	F009427
F009427-MSD3 MHg	190.101	80.0	124.4	223.27	223.28	88.8	1.310	OK	223.2049	0.00	0.02	F009427
F009427-MSD3 Hg	503.842	127.5	188.5	223.27	223.26	141.5	2.315	OK	223.2049	0.00	0.02	F009427

#309: 0100073-87RE1



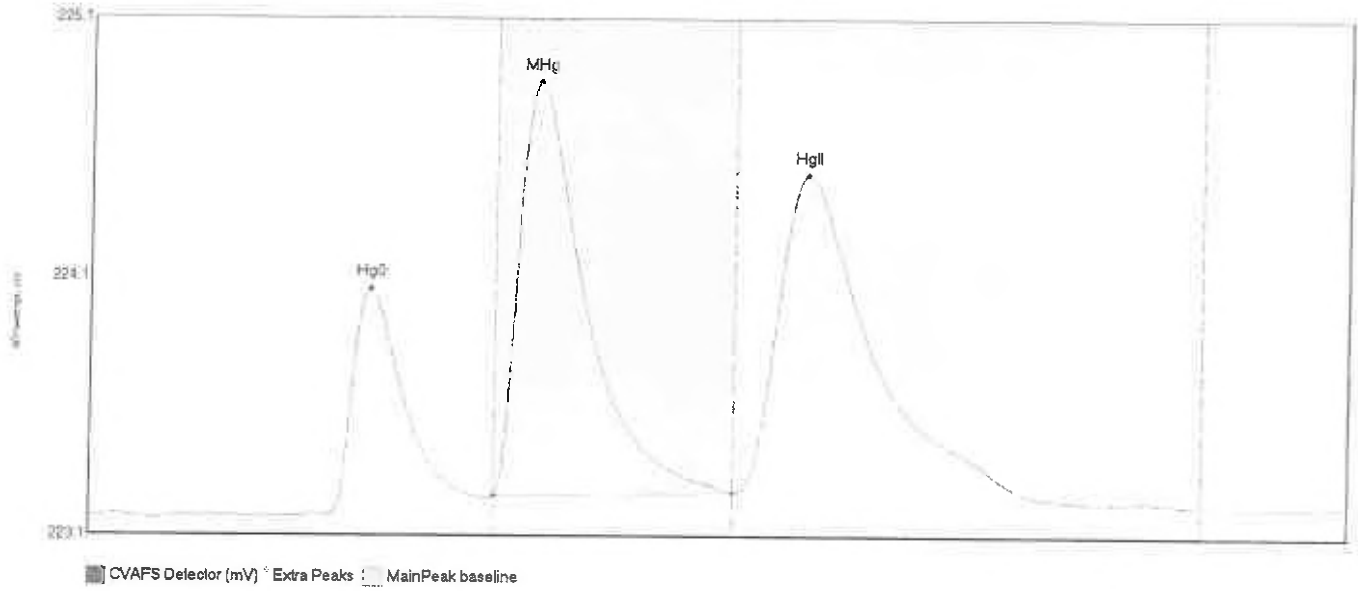
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Filter	BShift	Comment
0100073-87RE1 H	99.923	48.2	60.0	223.21	223.26	55.6	0.903	CT	223.2035	0.01	0.01	F009427
0100073-87RE1 M	12.278	81.2	104.0	223.26	223.26	88.6	0.101	OK	223.2035	0.01	0.01	F009427
0100073-87RE1 H	235.711	127.5	185.0	223.26	223.24	139.9	1.125	OK	223.2035	0.01	0.01	F009427

#310: F009427-MS4



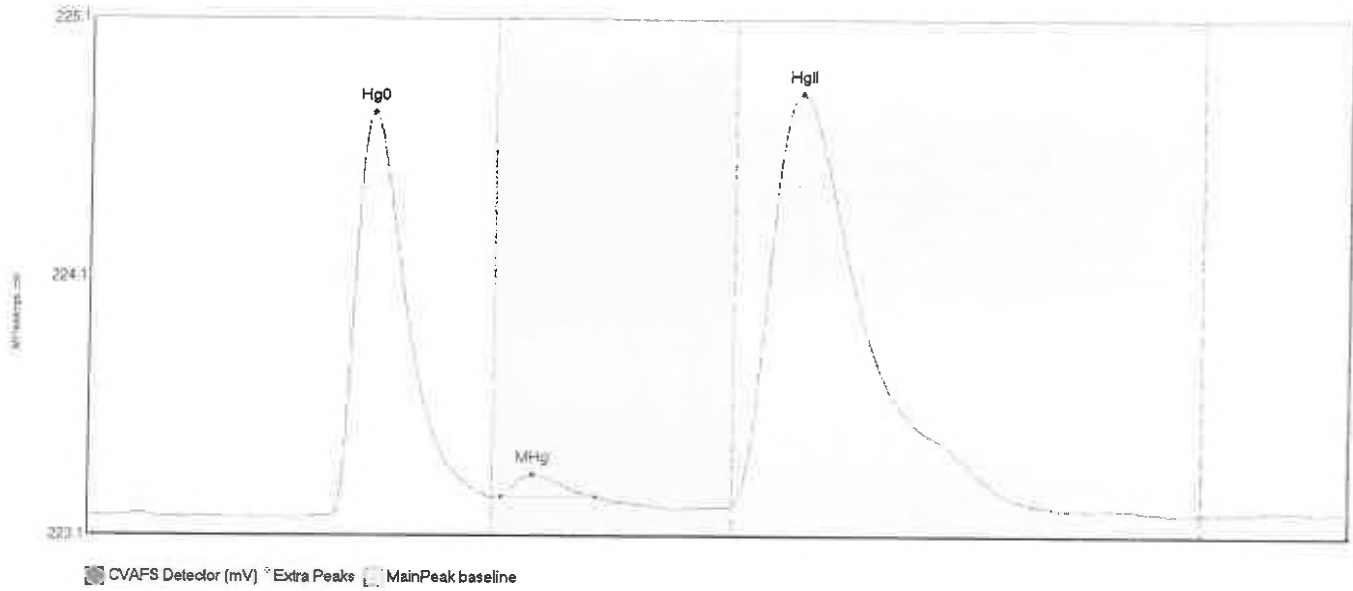
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev		
F009427-MS4 Hg0	97.162	48.0	80.0	223.20	223.28	55.4	0.877	CT	223.2127	0.00	0.00	009427
F009427-MS4 MHg	197.174	80.3	127.5	223.28	223.28	89.2	1.362	CT	223.2127	0.00	0.00	F009427
F009427-MS4 HgI	202.555	120.4	186.0	223.28	223.25	141.4	0.993	OK	223.2127	0.00	0.00	F009427

#311: F009427-MSD4



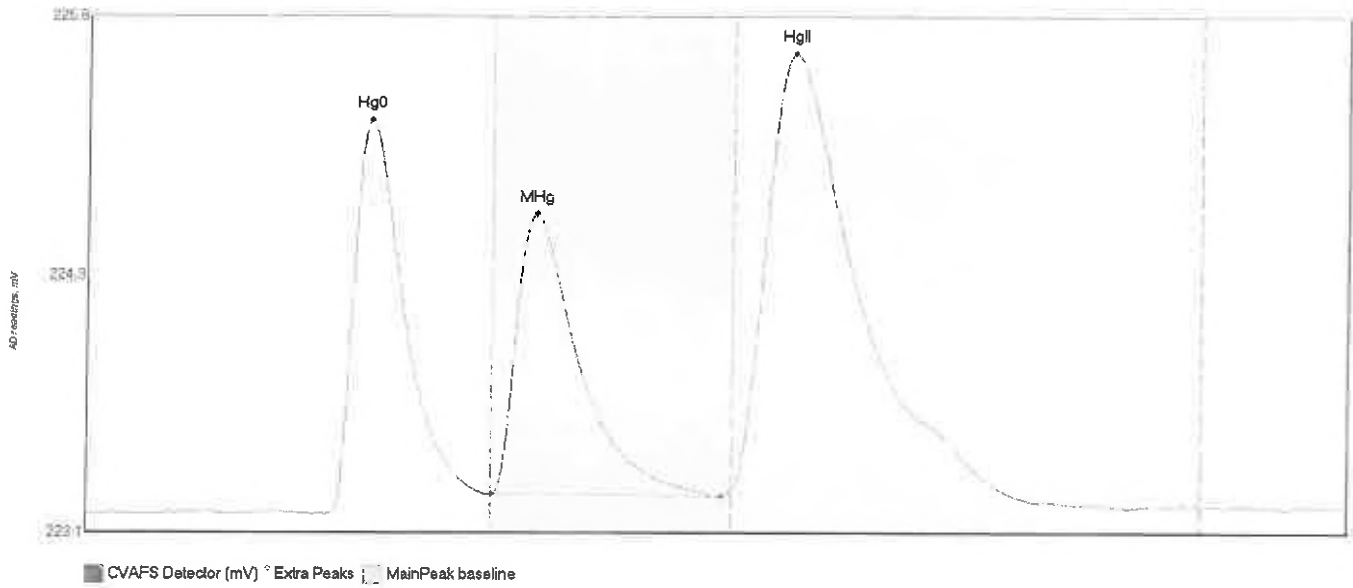
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	WDev	BShift	Comment
F009427-MSD4 Hg	95.441	45.9	79.0	223.20	223.27	55.5	0.872	OK	223.1987	2.27	0.04	F009427
F009427-MSD4 MH	242.362	80.0	127.4	223.28	223.29	88.5	1.601	OK	223.1987	2.08	0.04	F009427
F009427-MSD4 Hg	258.730	127.5	185.0	223.29	223.28	141.7	1.235	OK	223.1987	2.38	0.04	F009427

#312: 0100073-AXRE1



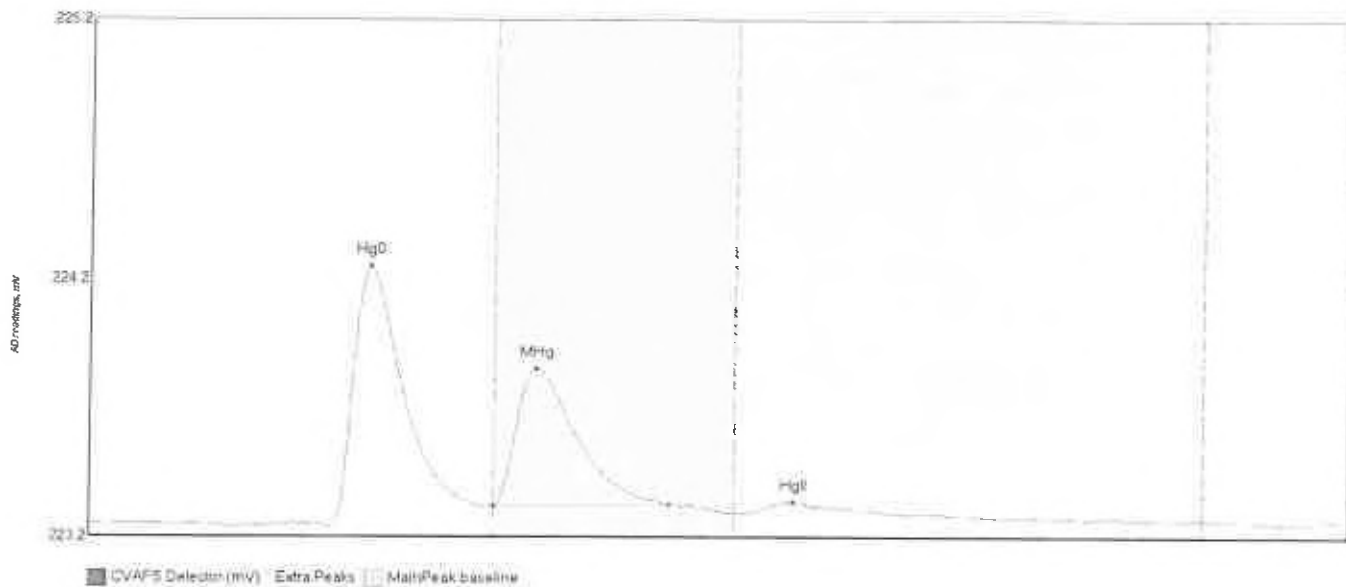
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AXRE1 H	176.675	48.2	79.9	223.22	223.29	56.0	1.556	OK	223.2174	0.00	0.02	F009428
0100073-AXRE1 M	8.692	81.8	100.5	223.29	223.29	87.9	0.086	OK	223.2174	0.00	0.02	F009428
0100073-AXRE1 H	334.374	127.5	186.0	223.27	223.26	140.5	1.590	OK	223.2174	0.00	0.02	F009428

#313: F009428-MS3



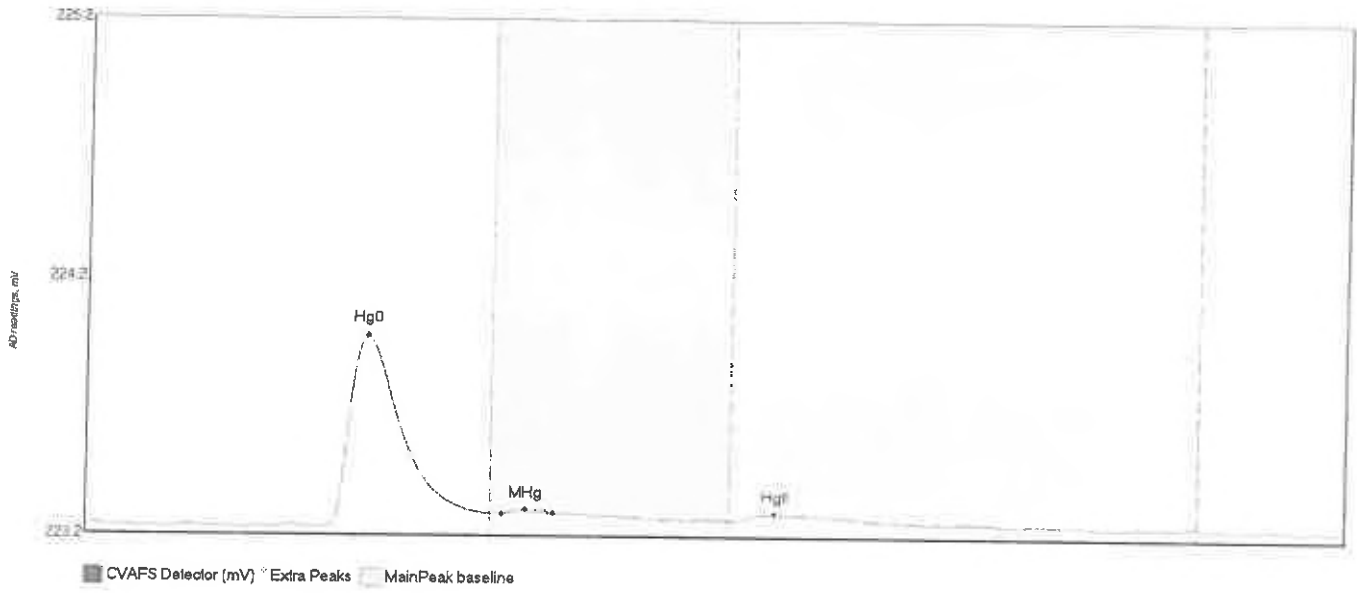
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-MS3 Hg0	209.054	47.1	80.0	223.21	223.30	55.9	1.856	CT	223.2082	0.00	0.03	F009428
F009428-MS3 MHg	187.624	80.2	125.2	223.30	223.29	88.7	1.316	OK	223.2082	0.00	0.03	F009428
F009428-MS3 HgI	432.349	127.5	187.6	223.33	223.26	139.5	2.052	OK	223.2082	0.00	0.03	F009428

#814: SEQ-CCVR



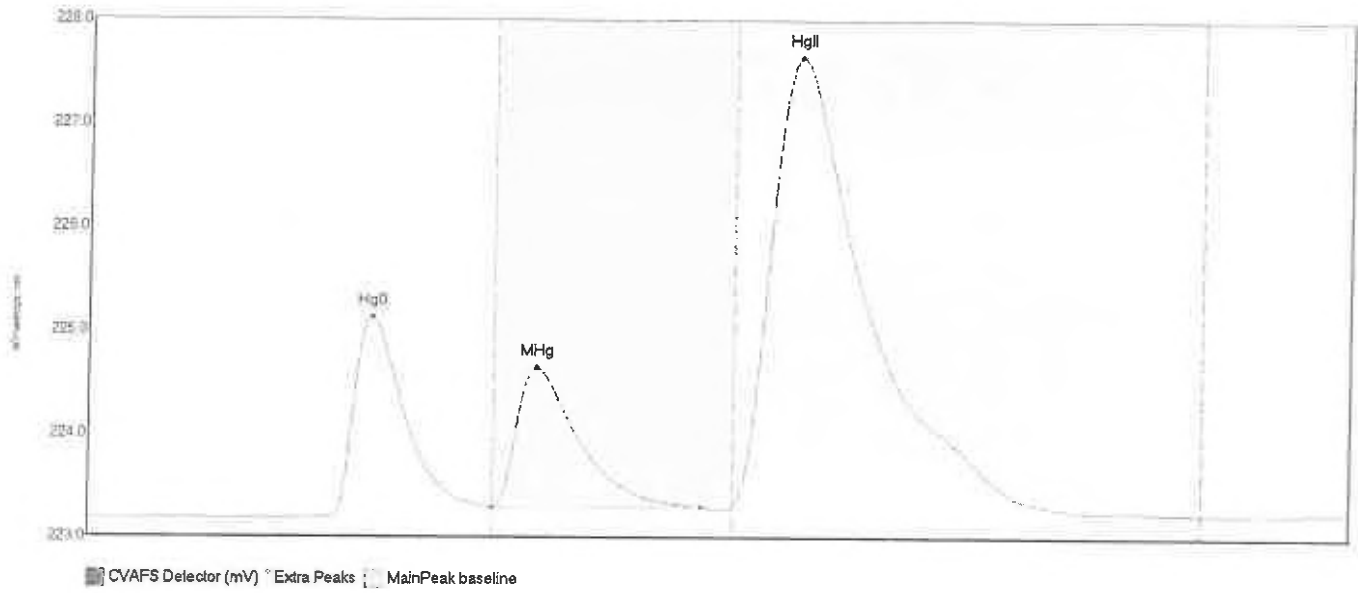
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	Width	Comment
SEQ-CCVR Hg0	111.095	47.6	79.0	223.21	223.28	55.6	1.003	OK	223.2151	0.00	3.31	
SEQ-CCVR MHg	72.128	80.0	114.7	223.28	223.29	88.2	0.533	OK	223.2151	0.00	2.31	
SEQ-CCVR HgII	5.394	130.2	155.5	223.26	223.26	139.1	0.044	OK	223.2151	0.00	3.03	

#315: SEQ-CCBR



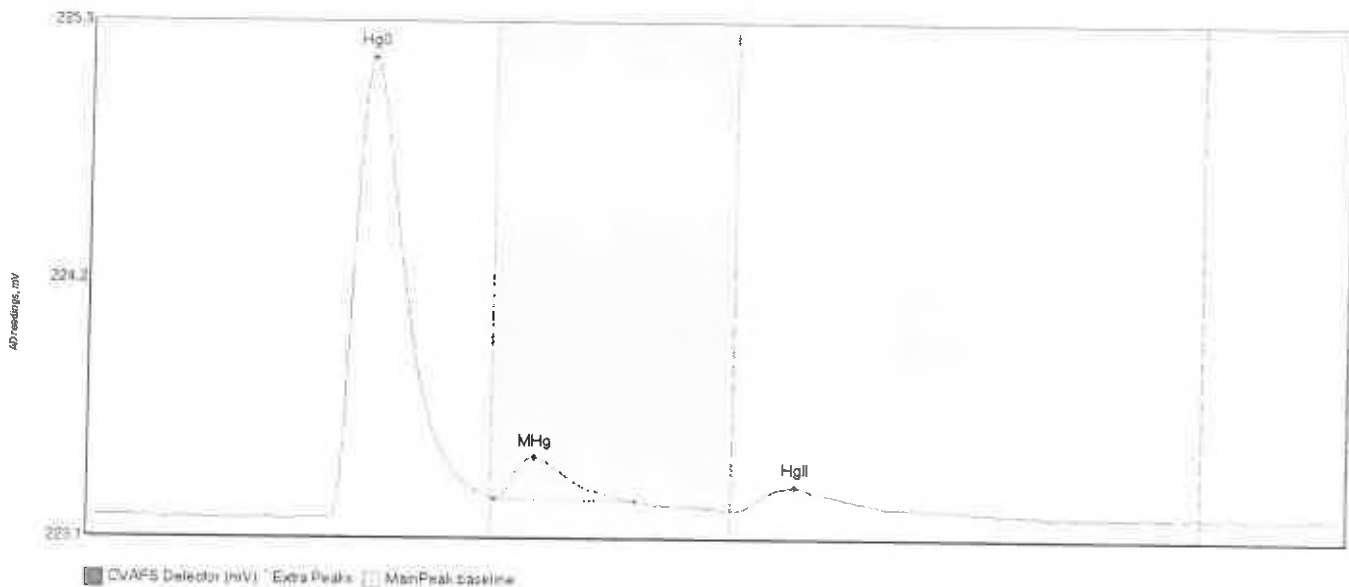
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	RT (min)	Comment
SEQ-CCBR Hg0	42.589	47.3	80.0	223.21	223.27	55.6	0.740	CT	223.2209	0.00	78.00	
SEQ-CCBR MHg	1.093	82.3	92.4	223.26	223.27	67.0	0.018	OK	223.2209	0.00	92.40	
SEQ-CCBR HgII	1.310	127.9	154.2	223.24	223.24	136.4	0.029	OK	223.2209	0.00	141.00	

#316: F009428-MSD3



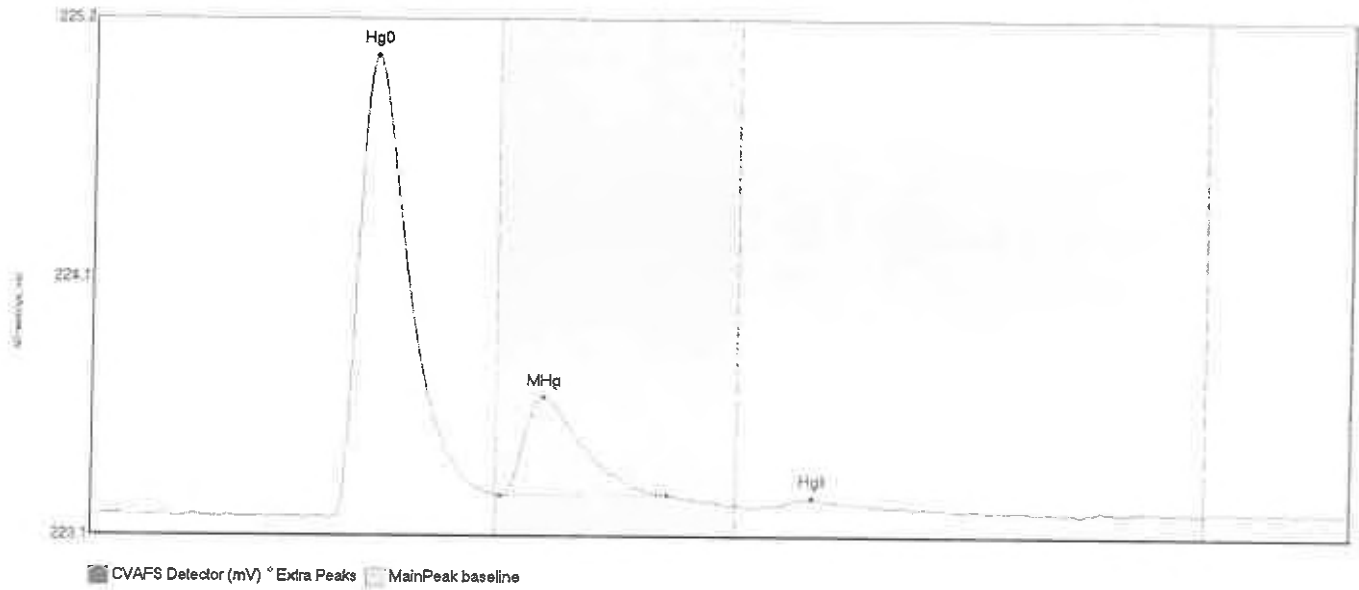
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MSD3 Hg	214.301	35.2	79.9	223.20	223.30	55.8	1.938	OK	223.1984	0.00	0.06	F009428
F009423-MSD3 MH	189.859	80.0	121.3	223.30	223.31	88.5	1.351	OK	223.1984	0.00	0.06	F009428
F009423-MSD3 Hg	943.122	127.5	196.0	223.33	223.27	140.2	4.325	OK	223.1984	0.00	0.06	F009428

#817: 0100084-01RE1



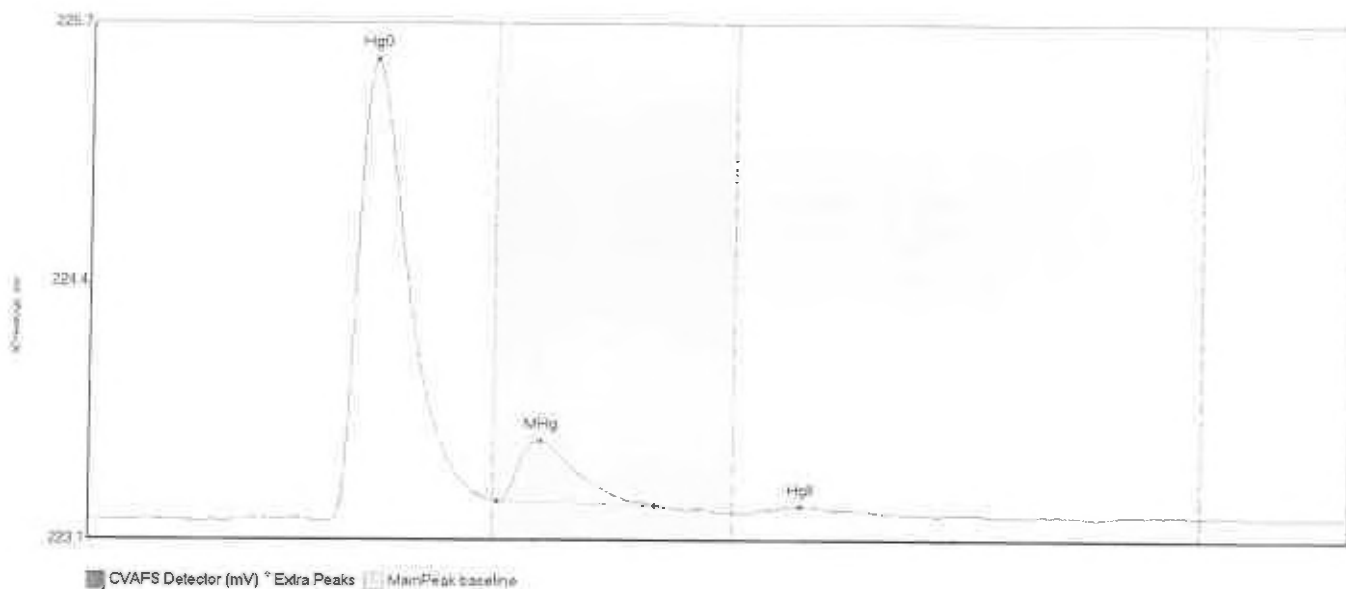
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	223.7100	BiDev	BiShift	Comment
0100084-01RE1	H 221.729	47.7	80.0	223.21	223.29	55.9	1.964	CT	223.7082	0.00	0.00	0100084
0100084-01RE1	M 21.937	80.9	108.3	223.29	223.28	88.5	0.178	OK	223.2888	0.00	0.00	0100084
0100084-01RE1	H 16.472	128.6	164.8	223.24	223.25	139.9	0.102	OK	223.2488	0.00	0.00	0100084

#318: F009428-MS4



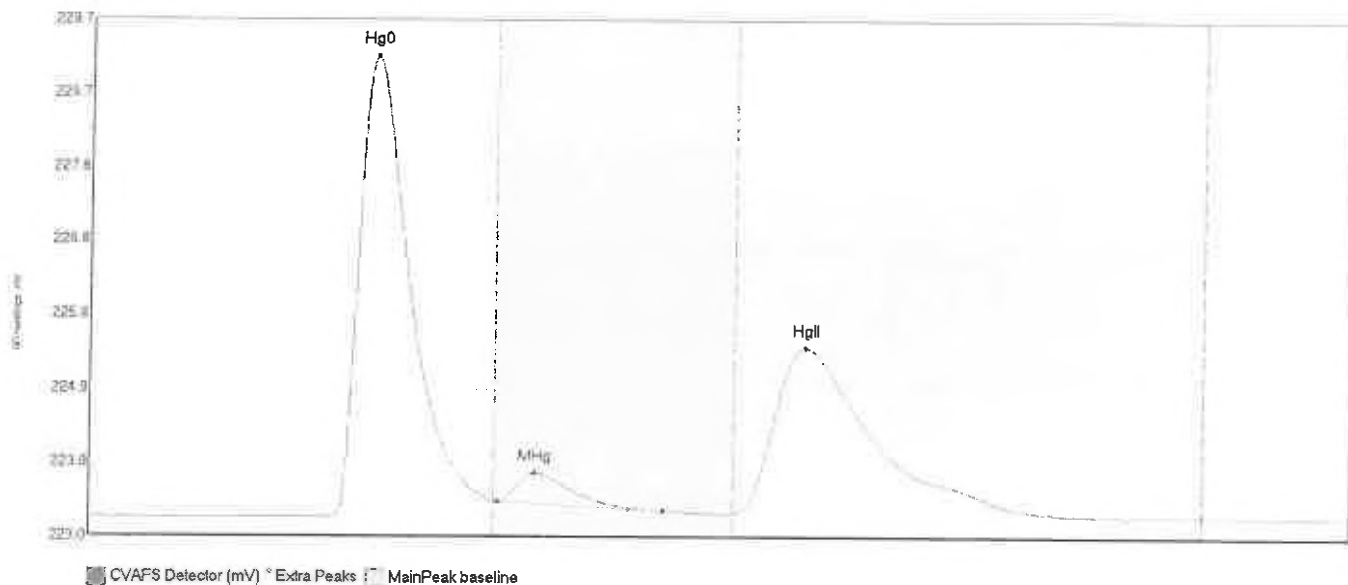
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MS4 Hg0	204.744	47.3	80.0	223.20	223.29	56.1	1.825	CT	223.2071	0.00	0.01	F009428
F009428-MS4 MHg	51.037	81.0	113.9	223.28	223.29	89.3	0.388	OK	223.2071	0.00	0.01	F009428
F009428-MS4 HgI	2.919	135.6	156.2	223.25	223.24	142.5	0.028	OK	223.2071	0.00	0.01	F009428

#319: F009428-MSD4



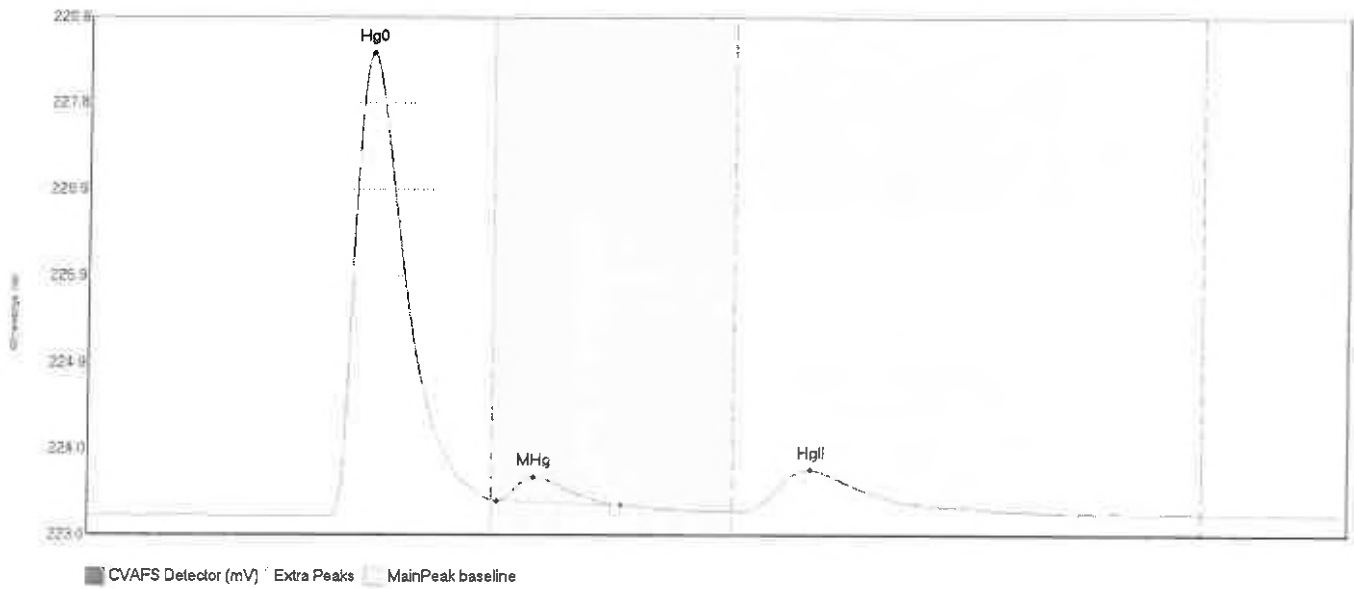
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
F009428-MSD4	Hg	256.992	46.7	80.0	223.20	223.30	56.4	2.291	CT	223.2048	0.00	0.01	F009428
F009428-MSD4	MHg	39.896	80.9	111.9	223.29	223.28	89.3	0.302	OK	223.2048	0.00	0.01	F009428
F009428-MSD4	Hg	3.931	130.3	155.1	223.24	223.24	140.9	0.029	OK	223.2048	0.00	0.01	F009428

#320: 0100084-02RE1



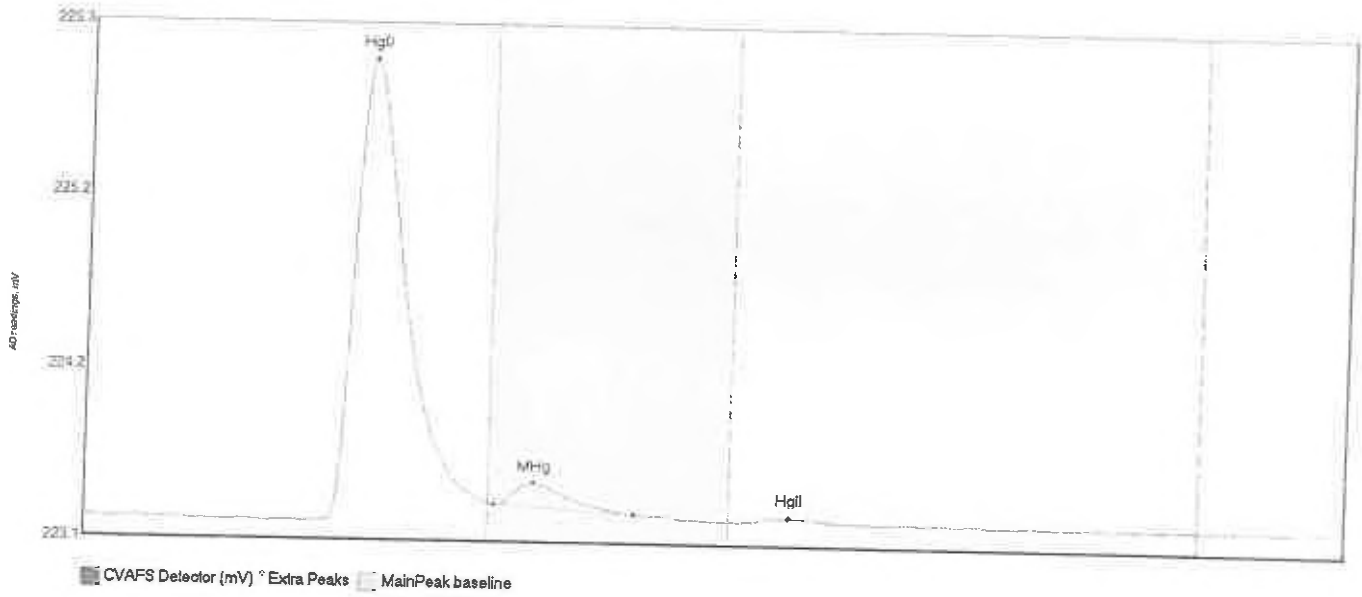
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BiShift	Comment
0100084-02RE1 H	677.580	46.8	80.0	223.20	223.42	56.3	6.018	CT	223.2105	0.00	0.03	F009428
0100084-02RE1 M	50.534	80.8	113.7	223.41	223.29	88.0	0.376	OK	223.2105	0.00	0.03	F009428
0100084-02RE1 H	470.806	127.5	188.3	223.26	223.27	141.3	2.164	OK	223.2105	0.00	0.03	F009428

#321: 0100084-03RE1



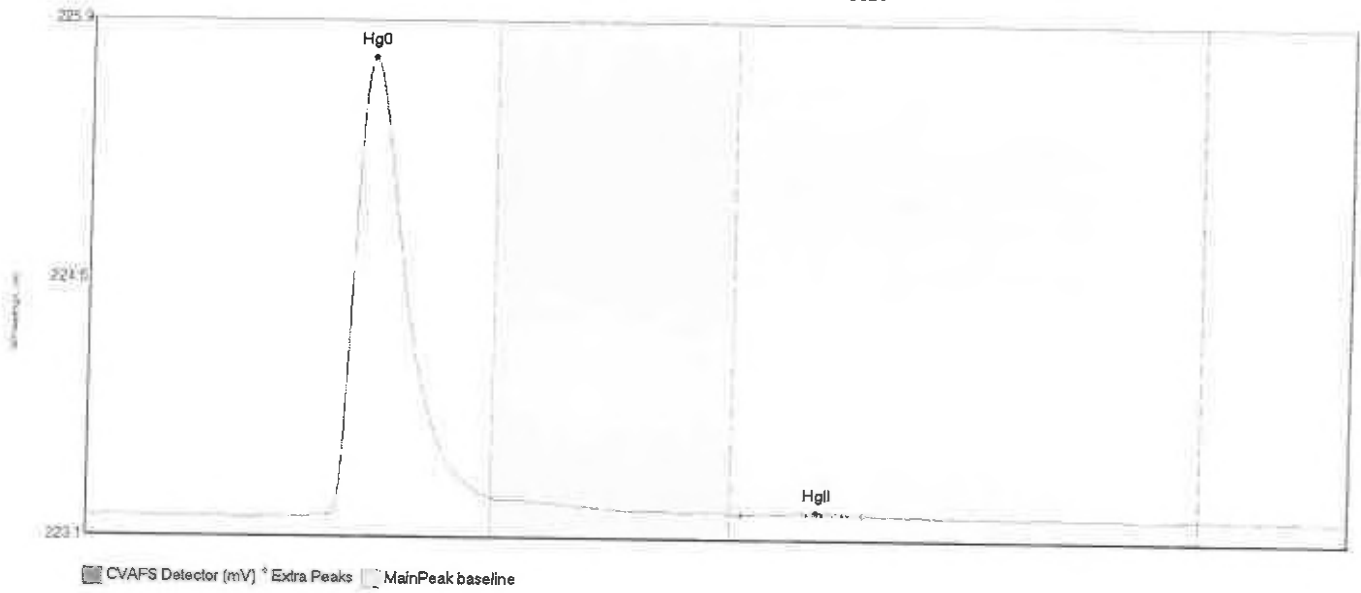
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100084-03RE1	H 587.286	47.5	80.0	223.20	223.39	56.0	5.180	CT	223.2070	0.00	0.01	F009428
0100084-03RE1	M 32.245	81.1	105.5	223.38	223.33	88.3	0.263	OK	223.2070	0.00	0.01	F009428
0100084-03RE1	H 94.088	129.4	133.3	223.26	223.26	142.3	0.468	OK	223.2070	0.00	0.01	F009428

#822: SEQ-CCVS



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVS Hg0	320.444	47.9	80.0	223.22	223.33	56.2	2.843	CT	223.2326	0.00	-0.01	
SEQ-CCVS MHg	17.830	81.1	108.6	223.32	223.27	88.9	0.136	OK	223.2326	0.00	-0.01	
SEQ-CCVS HgII	2.424	131.6	147.1	223.25	223.25	139.5	0.027	OK	223.2326	0.00	-0.01	

#323: SEQ-CCBS



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBS Hg0	281.572	45.5	80.0	223.22	223.32	55.9	2.520	CT	223.2141	0.00	0.00	
SEQ-CCBS HgII	2.475	129.6	153.5	223.24	223.25	144.4	0.021	OK	223.2141	0.00	0.00	

ANALYSIS SEQUENCE

0J06010

Analyzed with
0J06009
MPS 10/6/20

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/5/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J06010-IBL1	QC	1			
0J06010-IBL2	QC	2			
0J06010-IBL3	QC	3			
0J06010-CAL1	QC	4	2002064		QUALITY ASSURANCE PEER-REVIEWED INITIALS: PGS
0J06010-CAL2	QC	5	2002065		
0J06010-CAL3	QC	6	2002220		
0J06010-CAL4	QC	7	2002221		
0J06010-CAL5	QC	8	2002222		
0J06010-ICV1	QC	9	2001809		
0J06010-ICB1	QC	10			
0J06010-CCV1	QC	11	2001809		
0J06010-CCB1	QC	12			
0J06010-CCV2	QC	13	2001809		
0J06010-CCB2	QC	14			
0I00073-06	Hg-CVAFS-S-7474	15			
0I00073-15	Hg-CVAFS-S-7474	16			
0I00073-05	Hg-CVAFS-S-7474	17			
0I00073-16	Hg-CVAFS-S-7474	18			
F009416-BSD1	QC	19			
F009416-BLK1	QC	20			
0J06010-CCV3	QC	21	2001809		
0J06010-CCB3	QC	22			
F009416-BS1	QC	23			
F009416-BLK2	QC	24			
F009416-BLK3	QC	25			
F009416-BLK4	QC	26			
F009416-BLK5	QC	27			
0J06010-CCV4	QC	28	2001809		
0J06010-CCB4	QC	29			
0I00073-18	Hg-CVAFS-S-7474	30			
F009416-MS1	QC	31			
0I00073-19	Hg-CVAFS-S-7474	32			
F009416-MS2	QC	33			
F009416-MSD2	QC	34			
0I00073-01	Hg-CVAFS-S-7474	35			
0I00073-02	Hg-CVAFS-S-7474	36			

ANALYSIS SEQUENCE

OJ06010

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/5/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-06RE1	Hg-CVAFS-S-7474	37			Added 10/6/2020 by MFS
0I00073-08	Hg-CVAFS-S-7474	38			
0I00073-12	Hg-CVAFS-S-7474	39			
OJ06010-CCV5	QC	40	2001809		
OJ06010-CCB5	QC	41			
0I00073-13	Hg-CVAFS-S-7474	42			
0I00073-14	Hg-CVAFS-S-7474	43			
0I00073-15RE1	Hg-CVAFS-S-7474	44			Added 10/6/2020 by MFS
0I00073-20	Hg-CVAFS-S-7474	45			
F009417-BS1	QC	46			
F009417-BSD1	QC	47			
F009417-BLK1	QC	48			
F009417-BLK2	QC	49			
F009417-BLK3	QC	50			
0I00073-36	Hg-CVAFS-S-7474	51			
OJ06010-CCV6	QC	52	2001809		
OJ06010-CCV7	QC	53	2001809		
OJ06010-CCB6	QC	54			
F009417-MS1	QC	55			
F009417-MSD1	QC	56			
0I00073-37	Hg-CVAFS-S-7474	57			
F009417-MS2	QC	58			
F009417-MSD2	QC	59			
0I00073-21	Hg-CVAFS-S-7474	60			
0I00073-22	Hg-CVAFS-S-7474	61			
0I00073-23	Hg-CVAFS-S-7474	62			
0I00073-24	Hg-CVAFS-S-7474	63			
0I00073-25	Hg-CVAFS-S-7474	64			
OJ06010-CCV8	QC	65	2001809		
OJ06010-CCB7	QC	66			
0I00073-26	Hg-CVAFS-S-7474	67			
0I00073-27	Hg-CVAFS-S-7474	68			
0I00073-28	Hg-CVAFS-S-7474	69			
0I00073-29	Hg-CVAFS-S-7474	70			
0I00073-30	Hg-CVAFS-S-7474	71			
0I00073-31	Hg-CVAFS-S-7474	72			

ANALYSIS SEQUENCE

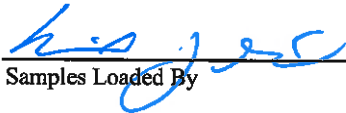
0J06010

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/5/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-32	Hg-CVAFS-S-7474	73			
0I00073-33	Hg-CVAFS-S-7474	74			
0I00073-34	Hg-CVAFS-S-7474	75			
0I00073-35	Hg-CVAFS-S-7474	76			
0J06010-CCV9	QC	77	2001809		
0J06010-CCB8	QC	78			
0I00073-38	Hg-CVAFS-S-7474	79			
0I00073-39	Hg-CVAFS-S-7474	80			
0I00073-40	Hg-CVAFS-S-7474	81			
0J06010-CCVA	QC	82	2001809		
0J06010-CCB9	QC	83			


10/16/20
 Samples Loaded By _____ Date


10/16/20
 Data Processed By _____ Date

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J06010
Reviewer:	Dataset ID(s): THg26003-201005-1
Date: 10/6/2020	WO (s) #: 0I00073
Batch #(s): F009416, F009417	

Analyst Initials MFS **Reviewer Initials** PLS

- 5b. Has the B/C section data been uploaded? YES NO N/A
- QA/QC Data Checked**
6. RSD CF (≤ 15%) PASS FAIL
 Comments: _____
7. The calibration curve included a minimum of 5 Standards YES NO
 Comments: _____
8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) PASS FAIL
9. ICV and CCV % Recoveries EPA 1631E (77-123%) PASS FAIL
 Comments: _____
10. Do all calibration points pass acceptance criteria? YES NO
 Comments: _____
11. Are qualifiers consistent with the data review flowcharts? YES NO N/A
 Comments: _____
12. Explain any items on the failed data report from Element
 Comments: _____
13. Are the individual Preparation Blanks < PQL or <2.2xMDL for WI (refer to appropriate prep method PQL list) PASS FAIL
 (a) If not < PQL or <2.2xMDL for WI, note which PB(s) are above control limit: F009416-BLK2
 (b) Is the mean PB < PQL or <2.2xMDL for WI (for appropriate qualification)? YES NO
 (c) Was a BrCl Blank analyzed for each preservation level? YES NO N/A
 (d) Are Preparation Blanks summarized on QC page? YES NO
14. Filtration Blank Prepared (if yes, use FB qualifier) YES NO
 (a) Filtration Blank prep date same as associated samples' prep date YES NO N/A
 (b) Filtration Blank absolute value < PQL or <2.2xMDL for WI YES NO N/A
15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? PASS FAIL
 Comments: _____
16. CCBs individually < 0.50 ng/L or 2.2 x MDL for WI? PASS FAIL
 Comments: _____
17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) YES NO N/A
18. Is the correct 'Source' designated for MD/MS/MSD? YES NO
19. For digested preps: was there a spike witness signature & date on the prep bench sheet? YES NO N/A

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J06010
Reviewer:	Dataset ID(s): THg26003-201005-1
Date: 10/6/2020	WO (s) #: 0I00073
Batch #(s): F009416, F009417	

Analyst Initials MFS Reviewer Initials PGS

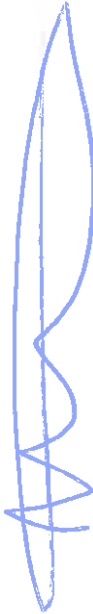
20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? YES NO
- Comments: _____
21. Are all samples within instrument calibration range? (or at minimum dilution size) PASS FAIL
- Comments: _____
22. Are the samples run at the correct dilution level for the method? YES NO
- Comments: _____
23. Dissolved < Total (if applicable) YES NO N/A
- Comments: _____
24. Effluent < Influent (visually confirm if needed) YES NO N/A
- Comments: _____
25. Are re-runs noted with reason? YES NO N/A
- Comments: _____
26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? YES NO N/A
- Comments: _____
27. Is the B trap <5% A Traps YES NO N/A
- Comments: _____
28. Are spiked trap recoveries 75-125% of true value? YES NO N/A
- Comments: _____
29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? YES NO N/A
- Comments: _____
30. Have re-extracts been created for non-reportable samples? YES NO N/A
31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. YES NO N/A
32. Does the data set need scanning? YES N/A
33. Does the dataset have an LOQ/LOQ or DOC? YES N/A
34. Water samples: has the preservation log been included in dataset for final volume verification? YES NO N/A
35. Water samples-is the final volume correct in the sequence? YES NO N/A
- Files located at:** \\Cuprum\gen admin\Quality Assurance\Training Master\DOCs
36. Date of analyst IDOC/CDOC: _____ 3/2/20 IDOC/CDOC within last 12 months? YES NO
37. Date of analyst's SOP reading for method: _____ 3/2/20 Current SOP revision read? YES NO
38. Date of LOD: _____ 12/29/19 LOD within last 3 months? YES NO
39. Date of LOQ: _____ 12/29/19 LOQ within last 3 months? YES NO

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

Failing Data Report - 0J06010

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD	RPD Limit	Over Cal	Failure	Qualifier
F009416-BLK2	Hg-CVAFS-S-7474	4.06	4.00				ng/g						PASS-OVER	FAIL-BLK	


 Analyst Reviewed By _____ Date 10/8/20


 Peer Reviewed By _____ Date _____

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: VRL
Upload/Date: VRL

9-28-2020 Samples to lab: 1745
10-6-2020 Reviewer/Date: MPS 10/1/20

Batch #: F009416

- EFGS Preparation Method**
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia
 - SOP2820 RP
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2993 Oven Digestion (As, Se Speciation)
 - SOP5145 Microwave Digestion (Nutraceuticals)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: SOP14801 EPA 7474

Initials	SOP Date	DOC Date
<u>VRL</u>	<u>8/9/2020</u>	<u>2/11/2020</u>
<u>VRL</u>	<u>9-28-2020</u>	<u>9-28-2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

- | | | Reviewer Initials | Tertiary Review |
|---|---|---|--------------------------|
| 1. Is any SOP/DOC expiring within one week of Submission Date?
Data cannot be reported without a current IDOC/CDOC. | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| If YES, notify supervisor and technician immediately. | | | |
| 2. Check prep method | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) For Ceuticals: Is correct Hg code being used in LIMS? | <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 4. Check for transcription errors from benchsheet | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) Check and compare initial and final volumes | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) Check and compare mass | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (d) Have assay logbook copies been attached & avg masses entered? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (e) For re-digests, have e-mails been attached and verified? | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) PBs per batch? | <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (b) Are pre and post homogenization blanks in batch? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) BS, BS/BSD or CRM in batch? | <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (d) MS/MSD in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (e) MD in batch? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (f) Is there at least one duplicate QC source in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (g) Are there any client specific requests, QC requests, etc?
Document: _____ | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 6. Special prep requirements? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) For all spiking was there a witness? (Initials <u>must</u> be in logbook) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) Spikes added: | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
<u>Hg 10,000 µg/L</u>	<u>2001204</u>	<u>40</u>			
<u>Hg 10,000 µg/L</u>	<u>2002298</u>	<u>50</u>			

PREPARATION BENCH SHEET

F009416

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009416-BLK1	Blank	0.5	200					
F009416-BLK2	Blank	0.5	200					
F009416-BLK3	Blank	0.5	200					
F009416-BLK4	Pre-homogenization blank	0.5	200					
F009416-BLK5	Post-homogenization blank	0.5	200					
F009416-BS1	LCS	0.5	200	2001204	40			
F009416-BSD1	LCS Dup	0.5	200	2001204	40			
F009416-MS1	Matrix Spike [0100073-18]	0.5011	200	2002298	50			
F009416-MS2	Matrix Spike [0100073-19]	0.5144	200	2002298	50			
F009416-MSD2	Matrix Spike Dup [0100073-19]	0.5233	200	2002298	50			

Standard ID(s):

2001204
2002298

Description:

THg 1.000ng/mL Secondary Spiking Standard
THg 10.000ng/mL Primary Spiking Standard

Expiration:

05-Nov-20 00:00
05-Nov-20 00:00

Reagent ID(s):

~~2001920~~ → 2001973
2002104
2002316

Description:

Sodium Borohydride Solution
TraceMetal Grade Hydrochloric Acid

Expiration:

05-Aug-20 00:00
21-Jan-23 00:00
24-Mar-23 00:00
09-Oct-20 00:00

7474 Potassium Bromate/Bromide Reagent

PREPARATION BENCH SHEET

F009416

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-01 ✓	ES-02_091620_SED_00-01	0.5146 ✓	200 ✓	-	-	S&R		
0100073-02 ✓	ES-02_091620_SED_01-03	0.5331 ✓	200 ✓	-	-	S&R		
0100073-05 ✓	FRB-02_091520_SED_01-03	0.5105 ✓	200 ✓	-	-	S&R		
0100073-06 ✓	FRB-02_091520_SED_03-05	0.5238 ✓	200 ✓	-	-	S&R		
0100073-06RE1	FRB-02_091520_SED_03-05	0.5238 ✓	200 ✓	-	-	S&R	Added 10/6/2020 by MFS	Added 10/6/2020 by MFS
0100073-08 ✓	VN-MU3-GC-1_091620_SED_00-01	0.5265 ✓	200 ✓	-	-	S&R		
0100073-12 ✓	ADD-01_091620_SED_01-03	0.5243 ✓	200 ✓	-	-	S&R		
0100073-13 ✓	ADD-01_091620_SED_03-05	0.531 ✓	200 ✓	-	-	S&R		
0100073-14 ✓	ADD-02_091620_SED_00-01	0.5527 ✓	200 ✓	-	-	S&R		
0100073-15 ✓	ADD-02_091620_SED_01-03	0.5002 ✓	200 ✓	-	-	S&R		
0100073-15RE1	ADD-02_091620_SED_01-03	0.5002 ✓	200 ✓	-	-	S&R	Added 10/6/2020 by MFS	Added 10/6/2020 by MFS
0100073-16 ✓	ADD-02_091620_SED_03-05	0.5086 ✓	200 ✓	-	-	S&R		
0100073-18 ✓	OR-T1-C3_091620_SED_01-03	0.5024 ✓	200 ✓	QC	-	S&R		
0100073-19 ✓	OR-T1-C3_091620_SED_03-05	0.54 ✓	200 ✓	QC	-	S&R		
0100073-20 ✓	OR-T1-C5_091620_SED_00-01	0.5331 ✓	200 ✓	-	-	S&R		

Microwave ID: MD7708

Microwave Digestions

Date: 9-28-2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	F009416-BIKS	A	E	12	0.5143	W		Post-Homog BIKC (OI00073-130)
13	F009416-BSI	B	E	13	0.5386	BC		
14	F009416-BSD	B	E	14	0.5709	BC		
15	OI00073-18	A	E	15	0.5024	sediment (S)		
16		A	E	16	0.5215	S		Dry Vial 9-29-2020
17	OI00073-16MSD1	A	E	17	0.5011	S		BECAME MSI VIAL 9-29-2020
18	OI00073-19	A	E	18	0.5400	S		
19	OI00073-19MS2	A	E	19	0.5144	S		
20	OI00073-19MS02	A	E	20	0.5233	S		
21	OI00073-01	A	E	21	0.5146	S		
22	OI00073-02	A	E	22	0.5331	S		
23		A	E	23	0.5366	S		Dry Vial 9-29-2020
24		A	E	24	0.5099	S		Dry Vial 9-29-2020
25	OI00073-05	A	E	25	0.5105	S		
26	OI00073-06	A	E	26	0.5238	S		Dry Vial 9-29-2020
27		A	E	27	0.5202	S		Dry Vial 9-29-2020
28	OI00073-08	A	E	28	0.5265	S		Dry Vial 9-29-2020
29		A	E	29	0.5321	S		Dry Vial 9-29-2020
30		A	E	30	0.5242	S		Dry Vial 9-29-2020
31		A	E	31	0.5165	S		Dry Vial 9-29-2020
32	OI00073-12	A	E	32	0.5343	S		
33	OI00073-13	A	E	33	0.5310	S		
34	OI00073-14	A	E	34	0.5577	S		
35	OI00073-15	A	E	35	0.5007	S		
36	OI00073-16	A	E	36	0.5096	S		
37		A	E	37	0.5202	S		Dry Vial 9-29-2020
38	OI00073-20	A	E	38	0.5331	S		
39	F009417-BIK1	B	E	39	0.5426	BC		
40	F009417-BIK2	B	E	40	0.5197	BC		

Initials:

M-2/29/2020

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: WAL 9-29-2020
Upload/Date: WAL 10-6-2020

Samples to lab: 151
Reviewer/Date: MRS White

Batch #: F009417

EFGS Preparation Method			
<input type="checkbox"/> SOP2836	Oven Digestion (Total Recoverable Metals)	<input type="checkbox"/> ICPMS	<input type="checkbox"/> AFS
<input type="checkbox"/> SOP2837	Tissue Nitric Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2840	Modified Aqua Regia		
<input type="checkbox"/> SOP2820	RP		
<input type="checkbox"/> SOP2821	HF Bomb Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2825	Nitric Bomb Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2993	Oven Digestion (As, Se Speciation)		
<input type="checkbox"/> SOP5145	Microwave Digestion (Nutraceuticals)		
<input type="checkbox"/> SOP5145	Microwave Digestion (3051)		
<input type="checkbox"/> NA	Other: <u>SOP14861 EPA7474</u>		

Initials	SOP Date	DOC Date
<u>WAL</u>	<u>9-28-2020</u>	<u>9-28-2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34filat\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

	Reviewer Initials	<u>MRS</u>	Tertiary Review	<u>PGS</u>
--	-------------------	------------	-----------------	------------

1. Is any SOP/DOC expiring within one week of Submission Date? YES NO Tertiary Review

Data cannot be reported without a current IDOC/CDOC.

If YES, notify supervisor and technician immediately.
2. Check prep method YES NO Tertiary Review
 - (a) For Ceuticals: Is correct Hg code being used in LIMS? ICPMS CV-AFS 70:30 N/A Tertiary Review
 3. Compare sample ID & container ID with benchsheet & in LIMS YES NO Tertiary Review
 4. Check for transcription errors from benchsheet YES NO Tertiary Review
 - (a) Check and compare initial and final volumes YES N/A Tertiary Review
 - (b) Check and compare mass YES N/A Tertiary Review
 - (c) Has the number of pills been documented (Special Info 5 in benchsheet)? YES N/A Tertiary Review
 - (d) Have assay logbook copies been attached & avg masses entered? YES N/A Tertiary Review
 - (e) For re-digests, have e-mails been attached and verified? YES N/A Tertiary Review
 - (f) Benchsheet prep date MUST match actual prep date YES NO Tertiary Review
 5. Samples per Batch? Check QC Requirements ≤ 20 ≤ 10 Tertiary Review
 - (a) PBs per batch? 3 PBs 2 PBs 1 PBs Tertiary Review
 - (b) Are pre and post homogenization blanks in batch? F009417 YES N/A Tertiary Review
 - (c) BS, BS/BSD or CRM in batch? BS BS/BSD CRM Tertiary Review
 - (d) MS/MSD in batch? YES N/A Tertiary Review
 - (e) MD in batch? YES N/A Tertiary Review
 - (f) Is there at least one duplicate QC source in batch? YES N/A Tertiary Review
 - (g) Are there any client specific requests, QC requests, etc? YES N/A Tertiary Review

Document: See benchsheet
 - (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? YES N/A Tertiary Review
 - (i) Correct 'source' designated for MD/MS/MSD? YES N/A Tertiary Review
 - (j) For EFGS-filtered samples, was a filtration blank included? YES N/A Tertiary Review
 6. Special prep requirements? YES N/A Tertiary Review
 - (a) For 1638: Have samples sat for 48 hours after preservation? YES N/A Tertiary Review
 - (b) For 200.8: Have samples sat for 16 hours after preservation? YES N/A Tertiary Review
 - (c) For DOD have pipettes been calibrated day of prep? YES N/A Tertiary Review
 7. Are the samples appropriately spiked? YES N/A Tertiary Review
 - (a) Is the spike and amount used appropriate and entered into LIMS? YES N/A Tertiary Review
 - (b) For all spiking was there a witness? (Initials must be in logbook) YES N/A Tertiary Review
 - (c) Spikes added: YES NO Tertiary Review

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
<u>Thy 1000^{ppb}</u>	<u>2000204</u>	<u>40</u>			
<u>Thy 10K^{ppb}</u>	<u>200020850</u>				

PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/28/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009417-BLK1	Blank	0.5	200					
F009417-BLK2	Blank	0.5	200					
F009417-BLK3	Blank	0.5	200					
F009417-BS1	LCS	0.5	200	2001204	40			
F009417-BSD1	LCS Dup	0.5	200	2001204	40			
F009417-MS1	Matrix Spike [0100073-36]	0.5124	200	2002298	50			
F009417-MS2	Matrix Spike [0100073-37]	0.513	200	2002298	50			
F009417-MSD1	Matrix Spike Dup [0100073-36]	0.5037	200	2002298	50			
F009417-MSD2	Matrix Spike Dup [0100073-37]	0.5003	200	2002298	50			

Standard ID(s)	Description:	Expiration:	Reagent ID(s)	Description:	Expiration:
2001204	THg 1.000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10.000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002104		24-Mar-23 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00

PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-21 ✓	OR-TI-C5_091620_SED_01-03	0.5093 ✓	200 ✓	-	-	S&R		
0100073-22 ✓	OR-TI-C5_091620_SED_03-05	0.5288 ✓	200 ✓	-	-	S&R		
0100073-23 ✓	BU-01-01_091720_SED_00-01	0.513 ✓	200 ✓	-	-	S&R		
0100073-24 ✓	BU-01-01_091720_SED_00-01_DUP	0.5211 ✓	200 ✓	-	-	S&R		
0100073-25 ✓	BU-01-01_091720_SED_01-03	0.5337 ✓	200 ✓	-	-	S&R		
0100073-26 ✓	BU-01-01_091720_SED_01-03_DUP	0.5338 ✓	200 ✓	-	-	S&R		
0100073-27 ✓	BU-01-01_091720_SED_03-05	0.5184 ✓	200 ✓	-	-	S&R		
0100073-28 ✓	BU-01-01_091720_SED_03-05_DUP	0.5088 ✓	200 ✓	-	-	S&R		
0100073-29 ✓	MMSW-C_091720_SED_00-01	0.5332 ✓	200 ✓	-	-	S&R		
0100073-30 ✓	MMSW-C_091720_SED_01-03	0.5424 ✓	200 ✓	-	-	S&R		
0100073-31 ✓	MMSW-C_091720_SED_03-05	0.5171 ✓	200 ✓	-	-	S&R		
0100073-32 ✓	OV-04_091620_SED_00-01	0.5271 ✓	200 ✓	-	-	S&R		
0100073-33 ✓	OV-04_091620_SED_01-03	0.5223 ✓	200 ✓	-	-	S&R		
0100073-34 ✓	OV-04_091620_SED_03-05	0.5092 ✓	200 ✓	-	-	S&R		
0100073-35 ✓	OB-01_091720_SED_00-01	0.5102 ✓	200 ✓	-	-	S&R		
0100073-36 ✓	OB-01_091720_SED_01-03	0.5296 ✓	200 ✓	QC	-	S&R		
0100073-37 ✓	OB-01_091720_SED_03-05	0.5357 ✓	200 ✓	QC	-	S&R		
0100073-38 ✓	OR-TI-C1_091720_SED_00-01	0.5001 ✓	200 ✓	-	-	S&R		
0100073-39 ✓	OR-TI-C1_091720_SED_00-01_DUP	0.5095 ✓	200 ✓	-	-	S&R		

PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

0100073-40 ✓	OR-TI-CI_091720_SED_01-03	0.5019 ✓	200 ✓	-	-	S&R	
--------------	---------------------------	----------	-------	---	---	-----	--



Date: 4-28-2020 9416: 1404/1415 9417: 1240 ^{40-15 min. 9416/9417} ~~MD7708~~ ^{MD7708}

1^o Tech.: NA 2^o Tech.: NA Spiked by: VAL Spike Witness: gretz Rack E Time In: 1745 / Out: 1910 Rack Time In: 25 / Out: 14

Batches: F009436, F009416, F009417 Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (Y/N): 25 / Y

Carousel (12/40): 40 Probe #: NA Final Volume (mL)/Initials/Date: 25 / VAL / 10-7-2020 *S.S.R Completed (Y/N) Y

Microwave Digestions

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009436-B1K1	B	E	1	0.5782	Boiling (hops) (BC)		Shared as OI00096-01 VAL 9-28-2020
2	F009436-B1K2	B	E	2	0.5149	BC		
3	F009436-B1K3	B	E	3	0.5520	BC		F009436: 15min start @ 1141 e ml HSC
4	F009436-B51	B	E	4	0.5070	BC		F009417: 15min start @ 1740
5	F009436-B52	B	E	5	0.5114	BC		F009416: 15min start @
6	F009436-B53	B	E	6	0.5116	BC		
7	F009436-B54	B	E	7	0.5119	BC		
8	F009416-B1K1	B	E	8	0.5523	BC		
9	F009416-B1K2	B	E	9	0.5183	BC		
10	F009416-B1K3	B	E	10	0.5415	BC		
11	F009416-B1511	A	E	11	0.5222	water (w)		Pre-Homog BIK (OI00073-BU)

39 240 not digested 9-28-2020 VAL 9-28-2020

Pipette ID	Cal. Date
0207850	9-29-2020
022746	10-2-2020
0240347	10-2-2020

Preparation Method:	Vol. (mL)	LIMS #
HNO ₃	1	2001932
HCl	3	2002104
7474 soln	1	2002316
HCl	1.25	2001973

VAL 10-2-2020

Combined Spike ID: _____ ; Batches: _____
 Combined Spike ID: _____ ; Batches: _____

Date: 9-28-2020

Microwave Digestions

Microwave ID: 1001000

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	F009416-BK5	A	E	12	0.5143	W		Post-Homog B11C (OI 00073-130)
13	F009416-B51	B	E	13	0.5386	BC		
14	F009416-B5D	B	E	14	0.5709	BC		
15	OI00073-18	A	E	15	0.5024	sediment (S)		
16	OI00073-18	A	E	16	0.5215	S		Dry VFA 9-29-2020
17	OI00073-16MSD1	A	E	17	0.5011	S		BECAME MSI VFA 9-29-2020
18	OI00073-19	A	E	18	0.5400	S		
19	OI00073-19MS2	A	E	19	0.5444	S		
20	OI00073-19MS02	A	E	20	0.5233	S		
21	OI00073-01	A	E	21	0.5146	S		
22	OI00073-02	A	E	22	0.5331	S		
23	OI00073-03	A	E	23	0.5266	S		Dry VFA 9-29-2020
24	OI00073-04	A	E	24	0.5099	S		Dry VFA 9-29-2020
25	OI00073-05	A	E	25	0.5103	S		
26	OI00073-06	A	E	26	0.5230	S		
27	OI00073-07	A	E	27	0.5222	S		Dry VFA 9-29-2020
28	OI00073-08	A	E	28	0.5265	S		Dry VFA 9-29-2020
29	OI00073-09	A	E	29	0.5321	S		Dry VFA 9-29-2020
30	OI00073-10	A	E	30	0.5322	S		Dry VFA 9-29-2020
31	OI00073-11	A	E	31	0.5163	S		Dry VFA 9-29-2020
32	OI00073-12	A	E	32	0.5243	S		
33	OI00073-13	A	E	33	0.5310	S		
34	OI00073-14	A	E	34	0.5577	S		
35	OI00073-15	A	E	35	0.5007	S		
36	OI00073-16	A	E	36	0.5086	S		
37	OI00073-17	A	E	37	0.5207	S		Dry VFA 9-29-2020
38	OI00073-20	A	E	38	0.5331	S		
39	F009417-B1K1	B	E	39	0.5426	BC		
40	F009417-B1C2	B	E	40	0.5197	BC		

Initials:

9418:121571230

Date: 9-28-2020

Microwave Digestions

Microwave ID: MD7708

1^o Tech: Val 2^o Tech: [Signature]

Spiked by: WIL

Rack F Time In/Out: 115/1216 Rack E Time In/Out: 1733

Batches: F009417, F009439, F009416, F009437, F009438, F009439

Boiling Chip LIMS ID# 202050 Balance #/Cal.? (N): 25 / 9-29-2020

Carousel (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 75 / Val / 10-2-2020 *S.S.R Completed (Y/N) / 9-28-2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009417-BIK3	B	F	14	0.5057	Boiling Chips (BC)		F009439: 15 min static 1203 end 1218
2	F009417-B51	B	F	15	0.5001	BC		
3	F009417-B501	B	F	16	0.5559	BC		
4	0100073-36	A	F	17	0.5296	Sediment (S)		
5	0100073-36451	A	F	18	0.5124	S		
6	0100073-36450	A	F	19	0.5037	S		
7	0100073-37	A	F	20	0.5357	S		
8	0100073-37452	A	F	21	0.5130	S		
9	0100073-37452	A	F	22	0.5003	S		
10	0100073-71	A	F	23	0.5093	S		
11	0100073-22	A	F	24	0.5286	S		

add 100µL of DI to each sample + BC to all sediments Val 9-29-2020

see pg 144 for additional reagents

Preparation Method:	Reagent	Vol. (mL)	LIMS #
	HNO3	1	2001932
	HCl	3	2002104

Pipette ID	Cal. Date
0207852	9-28-2020
0207853	9-28-2020
0207854	9-29-2020

Spike	Vol. (µL)	LIMS #
1000ng/mL	40	2001704
10000ng/mL	50	2002790
10ng/mL	see below	2002719

Combined Spike ID: = = ; Batches: Val 9-28-2020

9418:121571230

Microwave Digestions

Date: 9-28-2020 Microwave ID: MD7708
 1^o Tech.: WAL 2^o Tech.: AW Spiked by: WIL Spike Witness: AW Rack F Time In: 115 / Rack Time In: 1733
 Batches: F009417, F009439, F009418, F009419 Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (N): 25 / 9-29-2020
 Carousel (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 25 / WAL / 10-2-2020 *S.S.R Completed (N) 1 / 9-28-2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009417-BIK3	B	F	14	0.5057	Boiling Chips (BC)		F009439: Ksion Steate 1203 ended 1218
2	F009417-B51	B	F	15	0.5001	BC		
3	F009417-B501	B	F	16	0.5559	BC		
4	0100073-36	A	F	17	0.5296	Sediments (S)		
5	0100073-36451	A	F	18	0.5124	S		
6	0100073-364501	A	F	19	0.5037	S		
7	0100073-37	A	F	20	0.5357	S		
8	0100073-37MS2	A	F	21	0.5130	S		
9	0100073-37MS2	A	F	22	0.5003	S		
10	0100073-71	A	F	23	0.5093	S		
11	0100073-72	A	F	24	0.5288	S		

* See pg 144 for additional
 all Sediments W/L 9-29-2020

Pipette ID	Cal. Date	Reagent	Vol. (mL)	LIMS #
DU07857	9-28-2020	HNO3	1	2001932
PU21746	9-28-2020	HCl	3	2002104
DU07853	9-29-2020			

Preparation Method: Reagents W/L 10-5-2020
 Combined Spike ID: WAL 9-28-2020
 Batches: WAL 9-28-2020

Date: 9-28-2020

Microwave Digestions

Microwave ID: MD7708

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	0I00073-23	A	F	25	0.5130	S		
13	0I00073-24	A	F	26	0.5211	S		
14	0I00073-25	A	F	27	0.5337	S		
15	0I00073-26	A	F	28	0.5338	S		
16	0I00073-27	A	F	29	0.5184	S		
17	0I00073-28	A	F	30	0.5086	S		
18	0I00073-29	A	F	31	0.5332	S		
19	0I00073-30	A	F	32	0.5424	S		
20	0I00073-31	A	F	33	0.5171	S		
21	0I00073-32	A	F	34	0.5092	S		
22	0I00073-33	A	F	35	0.5223	S		
23	0I00073-34	A	F	36	0.5271	S		
24	0I00073-35	A	F	37	0.5102	S		
25	0I00073-36	A	F	38	0.5001	S		
26	0I00073-39	A	F	39	0.5095	S		
27	0I00073-40	A	F	40	0.5019	S		Shared as 0I00100-01 val 9-29-2020
28	F009439-BIK1	B	F	1	0.5529	BC		
29	F009439-BIK2	B	F	2	0.5204	BC		
30	F009439-BIK3	B	F	3	0.5569	BC		
31	F009439-B51	B	F	4	0.5211	BC		LOD, 100µL of C
32	F009439-B52	B	F	5	0.5511	BC		LOD, 300µL of C
33	0I00073-41	A	F	1	0.5171	S		Day val 9-30-2020
34	0I00073-42	A	F	2	0.5177	S		
35	0I00073-43	A	F	3	0.5129	S		became SDCI
36	0I00073-44	A	F	4	0.5106	S		became MS1 VAL 9-30-2020
37	0I00073-47MS2	A	F	5	0.5074	S		became MS01
38	0I00073-42M9D	A	F	6	0.5157	S		
39	0I00073-43	A	F	7	0.5134	S		Day val 9-30-2020
40	0I00073-44	A	F	8	0.5093	S		

Initials:

9/29/2020

PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 9/29/2020**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009417-BLK1	Blank	0.5	200					
F009417-BLK2	Blank	0.5	200					
F009417-BLK3	Blank	0.5	200					
F009417-BS1	LCS	0.5	200	2001204	40			
F009417-BSD1	LCS Dup	0.5	200	2001204	40			
F009417-MS1	Matrix Spike [0100073-36]	0.5124	200	2002298	50			
F009417-MS2	Matrix Spike [0100073-37]	0.513	200	2002298	50			
F009417-MSD1	Matrix Spike Dup [0100073-36]	0.5037	200	2002298	50			
F009417-MSD2	Matrix Spike Dup [0100073-37]	0.5003	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 9/29/2020**

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-21	OR-T1-C5_091620_SED_01-03	0.5093	200	-	-	S&R		
0100073-22	OR-T1-C5_091620_SED_03-05	0.5288	200	-	-	S&R		
0100073-23	BU-01-01_091720_SED_00-01	0.513	200	-	-	S&R		
0100073-24	BU-01-01_091720_SED_00-01_DUP	0.5211	200	-	-	S&R		
0100073-25	BU-01-01_091720_SED_01-03	0.5337	200	-	-	S&R		
0100073-26	BU-01-01_091720_SED_01-03_DUP	0.5338	200	-	-	S&R		
0100073-27	BU-01-01_091720_SED_03-05	0.5184	200	-	-	S&R		
0100073-28	BU-01-01_091720_SED_03-05_DUP	0.5088	200	-	-	S&R		
0100073-29	MMSW-C_091720_SED_00-01	0.5332	200	-	-	S&R		
0100073-30	MMSW-C_091720_SED_01-03	0.5424	200	-	-	S&R		
0100073-31	MMSW-C_091720_SED_03-05	0.5171	200	-	-	S&R		
0100073-32	OV-04_091620_SED_00-01	0.5271	200	-	-	S&R		
0100073-33	OV-04_091620_SED_01-03	0.5223	200	-	-	S&R		
0100073-34	OV-04_091620_SED_03-05	0.5092	200	-	-	S&R		
0100073-35	OB-01_091720_SED_00-01	0.5102	200	-	-	S&R		
0100073-36	OB-01_091720_SED_01-03	0.5296	200	QC	-	S&R		
0100073-37	OB-01_091720_SED_03-05	0.5357	200	QC	-	S&R		
0100073-38	OR-T1-C1_091720_SED_00-01	0.5001	200	-	-	S&R		
0100073-39	OR-T1-C1_091720_SED_00-01_DUP	0.5095	200	-	-	S&R		

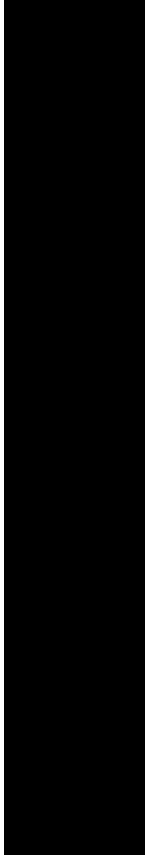
PREPARATION BENCH SHEET

F009417

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/29/2020

0100073-40	OR-TI-C1_091720_SED_01-03	0.5019	200	-	-	S&R	
------------	---------------------------	--------	-----	---	---	-----	--





Frontier Global Sciences

THg26003-201005-1

Analysis Datasheet for Total Mercury

Date of Analysis: October 05, 2020
 Instrument #: Hg2600-3
 LIMS Sequence #: 0706009_0706010

Analyst: **MP**
 Units: ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	189.05 units	378.11	143.61 units	287.23	103.9 %Rec
SEQ-CAL2	1	1.00 ng/L	320.38 units	320.38	274.94 units	274.94	99.5 %Rec
SEQ-CAL3	1	5.00 ng/L	1439.64 units	287.93	1394.20 units	278.84	100.9 %Rec
SEQ-CAL4	1	20.00 ng/L	5537.26 units	276.86	5491.82 units	274.59	99.3 %Rec
SEQ-CAL5	1	40.00 ng/L	10710.35 units	267.76	10664.91 units	266.62	96.4 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 276.44 Corr. St Dev RF +/- 7.49 Corr. RSD CF 2.7% RSD Uncorr. Mean RF 306.21

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	3	45.44 units	±5.26	0.15 ng/L	±0.02

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	3	10.672 ng/L	±4.675
BLK	2	5	2.253 ng/L	±4.428
BLK	3	3	0.968 ng/L	±0.453
BLK	4	0	0.000 ng/L	
BLK	5	0	0.000 ng/L	
BLK	6	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	10/5/2020 11:51:53 AM	11:51:53 AM	39.37				-6.1	-0.022	-0.022	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	10/5/2020 11:56:01 AM	11:56:01 AM	48.17				2.7	0.010	0.010	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	10/5/2020 12:00:10 PM	12:00:10 PM	48.77				3.3	0.012	0.012	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	10/5/2020 12:04:18 PM	12:04:18 PM	189.05				274.9	0.995	0.995	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	10/5/2020 12:08:27 PM	12:08:27 PM	320.38				1394.2	5.043	5.043	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	10/5/2020 12:12:35 PM	12:12:35 PM	1439.84				5491.8	19.866	19.866	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	10/5/2020 12:16:45 PM	12:16:45 PM	6537.26				10664.9	38.579	38.579	ng/L	
Hg2600-3	00	CAL	SEQ-CAL5	1	10/5/2020 12:20:53 PM	12:20:53 PM	10710.35				1512.1	5.470	5.470	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	10/5/2020 12:25:04 PM	12:25:04 PM	1557.58				33.6	0.121	0.121	ng/L	F009440
Hg2600-3	00	SAM	F009440-BS1	400	10/5/2020 12:28:13 PM	12:28:13 PM	78.99				1336.9	4.809	1923.747	ng/L	F009440
Hg2600-3	00	SAM	F009440-BSD1	400	10/5/2020 12:33:22 PM	12:33:22 PM	1317.49				1272.1	4.575	1829.921	ng/L	F009440
Hg2600-3	00	BLK	F009440-BLK1	100	10/5/2020 12:37:31 PM	12:37:31 PM	89.85				44.4	0.161	16.067	ng/L	F009440
Hg2600-3	00	BLK	F009440-BLK2	100	10/5/2020 12:41:40 PM	12:41:40 PM	68.00				22.6	0.082	8.160	ng/L	F009440
Hg2600-3	00	BLK	F009440-BLK3	100	10/5/2020 12:45:49 PM	12:45:49 PM	66.98				21.5	0.078	7.791	ng/L	F009440
Hg2600-3	00	SAM	0100098-01B	100	10/5/2020 12:49:58 PM	12:49:58 PM	76.42				31.0	0.005	0.535	ng/L	F009440
Hg2600-3	00	SAM	0100102-01B	100	10/5/2020 12:54:07 PM	12:54:07 PM	81.56				36.1	0.024	2.394	ng/L	F009440
Hg2600-3	00	SAM	0100102-02B	100	10/5/2020 12:58:16 PM	12:58:16 PM	89.51				44.1	0.053	5.268	ng/L	F009440
Hg2600-3	00	SAM	0100102-03B	100	10/5/2020 13:02:26 PM	1:02:26 PM	65.38				19.9	-0.035	-3.459	ng/L	F009440
Hg2600-3	00	CAL	SEQ-CCV1	1	10/5/2020 13:06:35 PM	1:06:35 PM	106.35				1391.7	5.034	5.034	ng/L	F009440
Hg2600-3	00	CAL	SEQ-CCB1	1	10/5/2020 13:10:44 PM	1:10:44 PM	1437.10				13.4	0.049	0.049	ng/L	F009440
Hg2600-3	00	SAM	0100102-04B	100	10/5/2020 13:14:53 PM	1:14:53 PM	58.87				10.4	-0.069	-6.920	ng/L	F009440
Hg2600-3	00	SAM	0100098-01C	10000	10/5/2020 13:18:02 PM	1:18:02 PM	95.81				4206.0	15.214	152135.257	ng/L	F009440
Hg2600-3	00	SAM	0100098-02C	10000	10/5/2020 13:21:12 PM	1:21:12 PM	4251.42				4199.0	15.188	151883.906	ng/L	F009440
Hg2600-3	00	SAM	0100102-01C	1250	10/5/2020 13:24:21 PM	1:24:21 PM	4244.48				5475.6	19.799	24748.482	ng/L	F009440
Hg2600-3	00	SAM	0100102-02C	1250	10/5/2020 13:27:31 PM	1:27:31 PM	5621.08				5218.3	18.868	23584.796	ng/L	F009440
Hg2600-3	00	SAM	0100102-03C	1250	10/5/2020 13:30:39 PM	1:30:39 PM	5677.75				5632.3	20.366	25456.982	ng/L	F009440
Hg2600-3	00	SAM	0100102-04C	1250	10/5/2020 13:33:48 PM	1:33:48 PM	5473.54				5368.1	19.410	24262.297	ng/L	F009440
Hg2600-3	00	SAM	0100098-01A	10000	10/5/2020 13:36:57 PM	1:36:57 PM	1410.25				1364.8	4.936	49359.718	ng/L	F009440
Hg2600-3	00	SAM	0100098-02A	10000	10/5/2020 13:40:06 PM	1:40:06 PM	1364.70				1319.3	4.771	47111.879	ng/L	F009440
Hg2600-3	00	CAL	SEQ-CCV2	1	10/5/2020 14:00:34 PM	2:00:34 PM	882.89				837.4	3.019	3018.681	ng/L	F009440
Hg2600-3	00	CAL	SEQ-CCB2	1	10/5/2020 14:04:43 PM	2:04:43 PM	1480.94				1435.5	5.193	5.193	ng/L	F009440
Hg2600-3	00	SAM	0100102-02A	1000	10/5/2020 14:08:52 PM	2:08:52 PM	63.71				18.3	0.066	0.066	ng/L	F009440
Hg2600-3	00	SAM	0100102-03A	1000	10/5/2020 14:13:02 PM	2:13:02 PM	745.68				200.2	2.522	2522.373	ng/L	F009440
Hg2600-3	00	SAM	0100102-04A	1000	10/5/2020 14:17:11 PM	2:17:11 PM	1250.50				1205.1	4.348	4348.484	ng/L	F009440
Hg2600-3	00	SAM	0100073-06	2500	10/5/2020 14:21:21 PM	2:21:21 PM	1100.94				1055.5	3.807	3807.455	ng/L	F009440
Hg2600-3	00	SAM	0100073-15	2500	10/5/2020 14:25:30 PM	2:25:30 PM	66.42				21.0	0.075	187.530	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 14:29:40 PM	2:29:40 PM	44.32				-1.1	-0.005	-12.357	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 14:33:49 PM	2:33:49 PM	23.14				-22.3	Error	#VALUE!	ng/L	SAMPLE SCREENING
Hg2600-3	00	SAM	0100073-05	50	10/5/2020 14:37:59 PM	2:37:59 PM	24.44				-21.0	Error	#VALUE!	ng/L	F009416
Hg2600-3	00	SAM	0100073-16	50	10/5/2020 14:42:08 PM	2:42:08 PM	276.22				232.8	0.797	39.850	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 14:46:17 PM	2:46:17 PM	254.87				209.4	0.713	35.627	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 14:50:27 PM	2:50:27 PM	25.74				-19.7	Error	#VALUE!	ng/L	SAMPLE SCREENING
Hg2600-3	00	BLK	F009416-BSD1	10	10/5/2020 14:54:36 PM	2:54:36 PM	5258.17				5212.7	16.604	16.604	ng/L	F009416
Hg2600-3	00	CAL	SEQ-CCV3	1	10/5/2020 14:58:45 PM	2:58:45 PM	63.67				18.2	0.066	0.066	ng/L	F009416
Hg2600-3	00	CAL	SEQ-CCB3	1	10/5/2020 15:02:55 PM	3:02:55 PM	1516.80				1471.4	5.322	0.000	ng/L	F009416
Hg2600-3	00	SAM	F009416-BS1	10	10/5/2020 15:07:04 PM	3:07:04 PM	55.98				50.5	0.038	0.000	ng/L	F009416
Hg2600-3	00	BLK	F009416-BLK2	10	10/5/2020 15:11:14 PM	3:11:14 PM	5060.74				1015.3	17.917	179.169	ng/L	F009416
Hg2600-3	00	BLK	F009416-BLK3	10	10/5/2020 15:15:23 PM	3:15:23 PM	378.20				280.8	1.016	10.156	ng/L	F009416
Hg2600-3	00	BLK	F009416-BLK4	10	10/5/2020 15:19:33 PM	3:19:33 PM	63.18				17.7	0.064	0.642	ng/L	F009416
Hg2600-3	00	BLK	F009416-BLK5	10	10/5/2020 15:23:42 PM	3:23:42 PM	58.47				13.0	0.047	0.471	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 15:27:52 PM	3:27:52 PM	43.44				-2.0	-0.007	-0.072	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 15:32:02 PM	3:32:02 PM	30.04				-15.4	Error	#VALUE!	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 15:36:12 PM	3:36:12 PM	31.43				-18.4	Error	#VALUE!	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 15:40:21 PM	3:40:21 PM	31.43				-14.0	Error	#VALUE!	ng/L	F009416
Hg2600-3	00	SAM	WS		10/5/2020 15:44:31 PM	3:44:31 PM	24.38				-21.1	Error	#VALUE!	ng/L	F009416

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialReqult	FinalResult	InitialUnits	Comments
Hg2600-3	00	SAM	WS	1	10/5/2020 15:48:40	4770-1.RAW	3:46:40 PM	27.46			-18.0	#VALUE!	ng/L		
Hg2600-3	00	CAL	SEQ-CCV4	1	10/5/2020 15:52:50	4771-1.RAW	3:52:50 PM	47.23			1.8	0.006	ng/L		
Hg2600-3	00	CAL	SEQ-CCB4	1	10/5/2020 15:58:59	4772-1.RAW	3:58:59 PM	2928.82			22883.4	82.552	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MS1	400	10/5/2020 16:01:09	4773-1.RAW	4:01:09 PM	2186.54			2141.1	7.740	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MS2	400	10/5/2020 16:05:19	4774-1.RAW	4:05:19 PM	27696.77			27650.3	99.796	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD1	400	10/5/2020 16:13:39	4775-1.RAW	4:08:28 PM	2176.55			1897.1	7.703	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD2	400	10/5/2020 16:17:48	4776-1.RAW	4:13:39 PM	16892.46			16847.0	60.717	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD1	400	10/5/2020 16:20:07	4776-1.RAW	4:21:58 PM	23731.53			23692.1	85.478	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD2	400	10/5/2020 16:21:58	4776-1.RAW	4:30:17 PM	1281.94			1216.5	4.175	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD1	400	10/5/2020 16:24:27	4781-1.RAW	4:34:27 PM	3892.85			3847.4	13.872	ng/L	F009416	
Hg2600-3	00	SAM	F009416-MSD2	400	10/5/2020 16:38:36	4782-1.RAW	4:38:38 PM	272.75			227.3	0.777	ng/L	F009416	
Hg2600-3	00	CAL	SEQ-CCV5	1	10/5/2020 16:42:46	4783-1.RAW	4:42:46 PM	1497.46			1452.0	5.252	ng/L		
Hg2600-3	00	CAL	SEQ-CCB5	1	10/5/2020 16:46:56	4784-1.RAW	4:46:56 PM	81.29			35.9	0.130	ng/L		
Hg2600-3	00	SAM	F009417-MS1	50	10/5/2020 16:51:05	4785-1.RAW	4:51:05 PM	272.90			227.5	0.778	ng/L	F009416	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 16:55:15	4786-1.RAW	4:55:15 PM	263.61			218.2	0.744	ng/L	F009416	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 16:58:26	4787-1.RAW	4:59:25 PM	219.35			173.9	0.584	ng/L	F009416	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 17:03:34	4788-1.RAW	5:03:34 PM	2834.68			2789.2	10.045	ng/L	F009416	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 17:07:44	4789-1.RAW	5:07:44 PM	5284.82			5239.4	18.856	ng/L	F009417	
Hg2600-3	00	BLK	F009417-BLK1	10	10/5/2020 17:11:53	4790-1.RAW	5:11:53 PM	5349.66			5304.2	19.091	ng/L	F009417	
Hg2600-3	00	BLK	F009417-BLK2	10	10/5/2020 17:16:03	4791-1.RAW	5:16:03 PM	85.02			39.6	0.143	ng/L	F009417	
Hg2600-3	00	BLK	F009417-BLK3	10	10/5/2020 17:20:13	4792-1.RAW	5:20:13 PM	71.55			26.1	0.094	ng/L	F009417	
Hg2600-3	00	SAM	F009417-36	50	10/5/2020 17:24:23	4793-1.RAW	5:24:23 PM	59.99			14.5	0.053	ng/L	F009417	
Hg2600-3	00	SAM	ERR	1	10/5/2020 17:32:42	4795-1.RAW	5:32:42 PM	3438.01			3392.6	12.253	ng/L	F009417	
Hg2600-3	00	SAM	ERR	1	10/5/2020 17:36:52	4796-1.RAW	5:36:52 PM	1535.32			1489.9	5.389	ng/L		
Hg2600-3	00	SAM	ERR	1	10/5/2020 17:41:01	4797-1.RAW	5:41:01 PM	238.63			193.2	Error	#VALUE!	WRONG LOCATION	
Hg2600-3	00	CAL	SEQ-CCV7	400	10/5/2020 17:45:11	4798-1.RAW	5:45:11 PM	1502.77			1457.3	5.272	ng/L		
Hg2600-3	00	CAL	SEQ-CCB6	1	10/5/2020 17:49:21	4799-1.RAW	5:49:21 PM	65.21			19.8	0.072	ng/L		
Hg2600-3	00	SAM	F009417-MS1	400	10/5/2020 17:53:31	4800-1.RAW	5:53:31 PM	2050.05			2004.6	7.249	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	400	10/5/2020 17:57:41	4801-1.RAW	5:57:41 PM	1847.16			1801.7	6.515	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MS2	400	10/5/2020 18:01:51	4802-1.RAW	6:01:51 PM	4010.53			3965.1	14.324	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	400	10/5/2020 18:06:01	4803-1.RAW	6:06:01 PM	1995.84			1950.4	7.053	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	400	10/5/2020 18:10:11	4804-1.RAW	6:10:11 PM	1954.21			1908.8	6.902	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 18:14:21	4805-1.RAW	6:14:21 PM	3876.57			3831.1	13.839	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 18:18:31	4806-1.RAW	6:18:31 PM	4342.94			4297.5	15.526	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 18:22:41	4807-1.RAW	6:22:41 PM	4568.18			4322.7	15.618	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 18:26:51	4808-1.RAW	6:26:51 PM	4546.13			4500.7	16.261	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 18:31:01	4809-1.RAW	6:31:01 PM	5002.25			4956.8	17.911	ng/L	F009417	
Hg2600-3	00	CAL	SEQ-CCV8	1	10/5/2020 18:35:11	4810-1.RAW	6:35:11 PM	1606.61			1561.2	5.647	ng/L		
Hg2600-3	00	CAL	SEQ-CCB7	1	10/5/2020 18:39:21	4811-1.RAW	6:39:21 PM	83.18			37.7	0.137	ng/L		
Hg2600-3	00	SAM	F009417-MS1	50	10/5/2020 18:43:31	4812-1.RAW	6:43:31 PM	4683.65			4638.2	16.759	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 18:47:41	4813-1.RAW	6:47:41 PM	4440.58			4395.1	15.879	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 18:51:51	4814-1.RAW	6:51:51 PM	5272.49			5227.1	18.889	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 18:56:01	4815-1.RAW	6:56:01 PM	2053.01			2007.6	7.243	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 19:00:11	4816-1.RAW	7:00:11 PM	2260.54			2215.1	7.993	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 19:04:21	4817-1.RAW	7:04:21 PM	6588.90			6543.5	23.651	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 19:08:31	4818-1.RAW	7:08:31 PM	290.57			245.1	0.867	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 19:12:41	4819-1.RAW	7:12:41 PM	245.79			200.4	0.705	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 19:16:51	4820-1.RAW	7:16:51 PM	243.94			198.5	0.699	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 19:21:01	4821-1.RAW	7:21:01 PM	2980.71			2935.3	10.599	ng/L	F009417	
Hg2600-3	00	CAL	SEQ-CCV9	1	10/5/2020 19:25:11	4822-1.RAW	7:25:11 PM	1569.36			1523.9	5.513	ng/L		
Hg2600-3	00	CAL	SEQ-CCB8	1	10/5/2020 19:29:21	4823-1.RAW	7:29:21 PM	72.60			27.2	0.098	ng/L		
Hg2600-3	00	SAM	F009417-MS1	50	10/5/2020 19:33:31	4824-1.RAW	7:33:31 PM	3368.50			3323.1	12.001	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD1	50	10/5/2020 19:37:41	4825-1.RAW	7:37:41 PM	2986.29			10.619	0.069	ng/L	F009417	
Hg2600-3	00	SAM	F009417-MSD2	50	10/5/2020 19:41:51	4826-1.RAW	7:41:51 PM	4528.62			4483.2	16.198	ng/L	F009417	
Hg2600-3	00	CAL	SEQ-CCV10	1	10/5/2020 19:46:01	4827-1.RAW	7:46:01 PM	1563.25			1517.8	5.490	ng/L		
Hg2600-3	00	CAL	SEQ-CCB9	1	10/5/2020 19:50:11	4828-1.RAW	7:50:11 PM	95.03			49.6	0.179	ng/L		

Sample/ID	Location	Rinse	Dilute	Blank	Conc (ppb)	MS%	Final Conc	Rec%	QA	Raw Data	RunTime	F Peak (Raw)	Control (ref)	Flags	RunCount	Comments
Clean				0.00	9.40					4709-1.RAW	11:35:18	2598.76	Clean	OK	1	
WS				45.44	0.00					4710-1.RAW	11:39:26	34.28	Sample	OK	1	
WS				45.44	0.00					4711-1.RAW	11:43:35	27.46	Sample	OK	1	
WS				45.44	0.00					4712-1.RAW	11:47:44	28.46	Sample	OK	1	
SEQ-IBL1	A1			0.00	0.14					4713-1.RAW	11:51:53	39.37	Sample	OK	1	
SEQ-IBL2	A2			0.00	0.17					4714-1.RAW	11:56:01	48.17	Sample	OK	1	
SEQ-IBL3	A3			0.00	0.18					4715-1.RAW	12:00:10	48.77	Sample	OK	1	
SEQ-CAL1	A4			45.44	0.52		103.90			4716-1.RAW	12:04:18	189.05	Sample	OK	1	
SEQ-CAL2	A5			45.44	0.99		98.46			4717-1.RAW	12:08:27	320.38	Sample	OK	1	
SEQ-CAL3	A6			45.44	5.04		100.87			4718-1.RAW	12:12:35	1439.64	Sample	OK	1	
SEQ-CAL4	A7			45.44	19.87		99.33			4719-1.RAW	12:16:45	5537.26	Sample	OK	1	
SEQ-CAL5	A8			45.44	38.58		96.45			4720-1.RAW	12:20:53	10710.35	Sample	OK	1	
SEQ-ICV1	A9			45.44	5.47		109.40			4721-1.RAW	12:25:04	1557.58	Sample	OK	1	
SEQ-ICB1	A10			45.44	0.12		0.00			4722-1.RAW	12:28:13	78.99	Sample	OK	1	
F009440-BS1	A11		400	45.44	1934.42					4723-1.RAW	12:33:22	1382.34	Sample	OK	1	
F009440-BSD1	A12		400	45.44	1840.59					4724-1.RAW	12:37:31	1317.49	Sample	OK	1	
F009440-BLK1	A13		100	45.44	16.07					4725-1.RAW	12:41:40	89.85	Sample	OK	1	
F009440-BLK2	A14		100	45.44	8.16					4726-1.RAW	12:45:49	68.00	Sample	OK	1	
F009440-BLK3	A15		100	45.44	7.79					4727-1.RAW	12:49:58	66.98	Sample	OK	1	
000098-01B	A16		100	45.44	11.21					4728-1.RAW	12:54:07	76.42	Sample	OK	1	
000098-02B	A17		100	45.44	13.07					4729-1.RAW	12:58:16	81.56	Sample	OK	1	
000102-01B	A18		100	45.44	15.94					4730-1.RAW	13:02:26	89.51	Sample	OK	1	
000102-02B	A19		100	45.44	7.21					4731-1.RAW	13:06:35	65.38	Sample	OK	1	
000102-03B	A20		100	45.44	22.18					4732-1.RAW	13:10:44	106.76	Sample	OK	1	
SEQ-CCV1	A21		1	45.44	5.03		100.68			4733-1.RAW	13:14:53	1437.10	Sample	OK	1	
SEQ-CCB1	A22		1	45.44	0.05		0.00			4734-1.RAW	13:18:02	58.87	Sample	OK	1	
000102-04B	B2		100	45.44	3.75					4735-1.RAW	13:23:12	55.81	Sample	OK	1	
000098-01C	B3		10000	45.44	152145.93					4736-1.RAW	13:27:21	4251.42	Sample	OK	1	
000098-02C	B4		10000	45.44	151894.58					4737-1.RAW	13:31:30	4244.48	Sample	OK	1	
000102-01C	B5		1250	45.44	24759.15					4738-1.RAW	13:35:39	5521.06	Sample	OK	1	
000102-02C	B6		1250	45.44	23595.47					4739-1.RAW	13:39:48	5263.70	Sample	OK	1	
000102-03C	B7		1250	45.44	25467.65					4740-1.RAW	13:43:58	5677.75	Sample	OK	1	
000102-04C	B8		1250	45.44	24272.97					4741-1.RAW	13:48:07	5413.54	Sample	OK	1	
000098-01A	B9		10000	45.44	49370.39					4742-1.RAW	13:52:16	1410.25	Sample	OK	1	
000098-02A	B10		10000	45.44	47722.55					4743-1.RAW	13:56:25	1364.70	Sample	OK	1	
000102-01A	B11		1000	45.44	3029.35		103.85			4744-1.RAW	14:00:34	882.89	Sample	OK	1	
SEQ-CCV2	B12		1	45.44	5.19		0.00			4745-1.RAW	14:04:43	1480.94	Sample	OK	1	
SEQ-CCB2	B13		1	45.44	0.07					4746-1.RAW	14:08:52	63.71	Sample	OK	1	
000102-02A	B14		1000	45.44	2533.05					4747-1.RAW	14:13:02	745.68	Sample	OK	1	
000102-03A	B15		1000	45.44	4359.16					4748-1.RAW	14:17:11	1250.50	Sample	OK	1	
000102-04A	B16		1000	45.44	3818.13					4749-1.RAW	14:21:21	1100.94	Sample	OK	1	
000073-06	B17		2500	45.44	189.78					4750-1.RAW	14:25:30	66.42	Sample	OK	1	F009416
000073-15	B18		2500	45.44	0.00					4751-1.RAW	14:29:40	44.32	Sample	OK	1	F009416
WS				45.44	0.00					4752-1.RAW	14:33:49	23.14	Sample	OK	1	SAMPLE SCREENING
WS				45.44	0.00					4753-1.RAW	14:37:59	24.44	Sample	OK	1	F009416
000073-05	B19		50	45.44	42.10					4754-1.RAW	14:42:08	276.22	Sample	OK	1	F009416
000073-16	B20		50	45.44	37.88					4755-1.RAW	14:46:17	254.87	Sample	OK	1	F009416
WS				45.44	0.00					4756-1.RAW	14:50:27	25.74	Sample	OK	1	SAMPLE SCREENING
F009416-BSD1	C3		1	45.44	18.86					4757-1.RAW	14:54:36	5258.17	Sample	OK	1	F009416
F009416-BLK1	C4		1	45.44	0.07					4758-1.RAW	14:58:45	63.67	Sample	OK	1	F009416
SEQ-CCV3	B21			45.44	5.32		106.45			4759-1.RAW	15:02:55	1516.80	Sample	OK	1	F009416
SEQ-CCB3	C1			45.44	0.04		0.00			4760-1.RAW	15:07:04	55.98	Sample	OK	1	F009416
F009416-BS1	C2		10	45.44	181.42					4761-1.RAW	15:11:14	5060.74	Sample	OK	1	F009416

Pg 2

F009416-BLK2	C5	10	45.44	10.16	4762-1.RAW	15:15:23	326.20	Sample	OK	1
F009416-BLK3	C6	10	45.44	0.64	4763-1.RAW	15:19:33	63.18	Sample	OK	1
F009416-BLK4	C7	10	45.44	0.47	4764-1.RAW	15:23:42	58.47	Sample	OK	1
F009416-BLK5	C8	10	45.44	0.00	4765-1.RAW	15:27:52	43.44	Sample	OK	1
WS		10	45.44	0.00	4766-1.RAW	15:32:02	30.04	Sample	OK	1
WS			45.44	0.00	4767-1.RAW	15:36:12	27.08	Sample	OK	1
WS			45.44	0.00	4768-1.RAW	15:40:21	31.43	Sample	OK	1
WS			45.44	0.00	4769-1.RAW	15:44:31	24.38	Sample	OK	1
WS			45.44	0.00	4770-1.RAW	15:48:40	27.48	Sample	OK	1
SEQ-CCV4	C9	1	45.44	5.17	4771-1.RAW	15:52:50	1475.61	Sample	OK	1
SEQ-CCB4	C10	1	45.44	0.01	4772-1.RAW	15:56:59	47.23	Sample	OK	1
0100073-18	C11	10	45.44	827.78	4773-1.RAW	16:01:08	22928.82	Sample	FB	1
F009416-MS1	C12	400	45.44	3098.06	4774-1.RAW	16:05:19	2186.54	Sample	OK	1
0100073-19	C13	10	45.44	1000.21	4775-1.RAW	16:09:29	27695.77	Sample	OK	1
F009416-MS2	C14	400	45.44	3083.61	4776-1.RAW	16:13:39	1942.57	Sample	OK	1
F009416-MSD2	C15	400	45.44	2745.05	4777-1.RAW	16:17:48	16892.46	Sample	OK	1
0100073-01	C16	10	45.44	609.42	4778-1.RAW	16:21:58	1261.94	Sample	OK	1
0100073-02	C17	10	45.44	857.03	4779-1.RAW	16:26:07	23737.53	Sample	FB	1
0100073-06	C18	10	45.44	44.01	4780-1.RAW	16:30:17	1261.94	Sample	OK	1
0100073-08	C19	50	45.44	695.88	4781-1.RAW	16:34:27	3892.85	Sample	OK	1
0100073-12	C20	50	45.44	41.11	4782-1.RAW	16:38:36	272.75	Sample	OK	1
SEQ-CCV5	C21	1	45.44	5.25	4783-1.RAW	16:42:46	1497.46	Sample	OK	1
SEQ-CCB5	A1	1	45.44	0.13	4784-1.RAW	16:46:56	81.29	Sample	OK	1
0100073-13	A2	50	45.44	41.14	4785-1.RAW	16:51:05	272.90	Sample	OK	1
300073-14	A3	50	45.44	38.46	4786-1.RAW	16:55:15	263.61	Sample	OK	1
0100073-15	A4	50	45.44	31.45	4787-1.RAW	16:59:25	219.35	Sample	OK	1
0100073-20	A5	50	45.44	504.49	4788-1.RAW	17:03:34	2834.88	Sample	OK	1
F009417-BS1	A6	10	45.44	189.53	4789-1.RAW	17:07:44	5284.82	Sample	OK	1
F009417-RSD1	A7	10	45.44	191.87	4790-1.RAW	17:11:53	5349.66	Sample	OK	1
F009417-BLK1	A8	10	45.44	1.43	4791-1.RAW	17:16:03	85.02	Sample	OK	1
F009417-BLK2	A9	10	45.44	0.94	4792-1.RAW	17:20:13	71.55	Sample	OK	1
F009417-BLK3	A10	10	45.44	0.53	4793-1.RAW	17:24:23	59.99	Sample	OK	1
0100073-36	A11	50	45.44	613.61	4794-1.RAW	17:28:32	3438.01	Sample	OK	1
SEQ-CCV6	A12	1	45.44	5.39	4795-1.RAW	17:32:42	1535.32	Sample	OK	1
ERR	A3	1	45.44	0.83	4796-1.RAW	17:36:52	276.22	Sample	OK	1
ERR	A4	400	45.44	279.54	4797-1.RAW	17:41:01	238.83	Sample	OK	1
SEQ-CCV7	B1	1	45.44	5.27	4798-1.RAW	17:45:11	1502.77	Sample	OK	1
SEQ-CCB6	A13	1	45.44		4799-1.RAW	17:49:21	65.21		OK	1
F009417-MS1	A14	400			4800-1.RAW	17:53:31	2050.05	Sample	OK	1
F009417-MSD1	A15	400			4801-1.RAW	17:57:41	1847.16	Sample	OK	1
0100073-37	A16	50			4802-1.RAW	18:01:51	4010.53	Sample	OK	1
F009417-MS2	A17	400			4803-1.RAW	18:06:01	1995.84	Sample	OK	1
F009417-MSD2	A18	400			4804-1.RAW	18:10:11	1954.21	Sample	OK	1
0100073-21	A19	50			4805-1.RAW	18:14:21	3876.57	Sample	OK	1
0100073-22	A20	50			4806-1.RAW	18:18:31	4342.94	Sample	OK	1
0100073-23	A21	50			4807-1.RAW	18:22:41	4368.18	Sample	OK	1
0100073-24	B2	50			4808-1.RAW	18:26:51	4546.13	Sample	OK	1
0100073-25	B3	50			4809-1.RAW	18:31:01	5002.25	Sample	OK	1
SEQ-CCV8	B4	50			4810-1.RAW	18:35:11	1606.61	Sample	OK	1
SEQ-CCB7	B5	1			4811-1.RAW	18:39:21	83.18	Sample	OK	1
0100073-26	B6	50			4812-1.RAW	18:43:31	4683.65	Sample	OK	1
0100073-27	B7	50			4813-1.RAW	18:47:41	4440.58	Sample	OK	1
0100073-28	B8	50			4814-1.RAW	18:51:51	5272.49	Sample	OK	1
0100073-29	B9	50			4815-1.RAW	18:56:01	2053.01	Sample	OK	1

WRONG LOCATION
WRONG LOCATION

0100073-30	B10	50	4816-1.RAW	19:00:11	2260.54	Sample	OK	1
0100073-31	B11	50	4817-1.RAW	19:04:21	6588.90	Sample	OK	1
0100073-32	B12	50	4818-1.RAW	19:08:31	290.57	Sample	OK	1
0100073-33	B13	50	4819-1.RAW	19:12:41	245.79	Sample	OK	1
0100073-34	B14	50	4820-1.RAW	19:16:51	243.94	Sample	OK	1
0100073-35	B15	50	4821-1.RAW	19:21:01	2980.71	Sample	OK	1
SEQ-CCV9	B16	1	4822-1.RAW	19:25:11	1569.36	Sample	OK	1
SEQ-CCB8	B17	1	4823-1.RAW	19:29:21	72.60	Sample	OK	1
0100073-38	B18	50	4824-1.RAW	19:33:31	3368.50	Sample	OK	1
0100073-39	B19	50	4825-1.RAW	19:37:41	2986.29	Sample	OK	1
0100073-40	B20	50	4826-1.RAW	19:41:51	4528.82	Sample	OK	1
SEQ-CCVA	B21	1	4827-1.RAW	19:46:01	1563.25	Sample	OK	1
SEQ-CCB9	C1	1	4828-1.RAW	19:50:11	95.03	Sample	OK	1

SEQ-IBL1	A1	SEQ-CCV2	B12	F009416-MSD2	C15	
SEQ-IBL2	A2	SEQ-CCB2	B13	O100073-01	C16	
SEQ-IBL3	A3	O100102-02A	B14	O100073-02	C17	
SEQ-CAL1	A4	O100102-03A	B15	O100073-06	C18	
SEQ-CAL2	A5	O100102-04A	B16	O100073-08	C19	
SEQ-CAL3	A6	O100073-06	B17	O100073-12	C20	
SEQ-CAL4	A7	O100073-15	B18	SEQ-CCV5	C21	
SEQ-CAL5	A8	WS		SEQ-CCB5	A1	
SEQ-ICV1	A9	WS		O100073-13	A2	
SEQ-ICB1	A10	O100073-05	B19	O100073-14	A3	
F009440-BS1	A11	O100073-16	B20	O100073-15	A4	
F009440-BSD1	A12	WS		O100073-20	A5	
F009440-BLK1	A13	F009416-BSD1	C3	F009417-BS1	A6	O100073-25 B3
F009440-BLK2	A14	F009416-BLK1	C4	F009417-BSD1	A7	SEQ-CCV8 B4
F009440-BLK3	A15	SEQ-CCV3	B21	F009417-BLK1	A8	SEQ-CCB7 B5
O100098-01B	A16	SEQ-CCB3	C1	F009417-BLK2	A9	O100073-26 B6
O100094-02B	A17	F009416-BS1	C2	F009417-BLK3	A10	O100073-27 B7
O100102-01B	A18	F009416-BLK2	C5	O100073-36	A11	O100073-28 B8
O100102-02B	A19	F009416-BLK3	C6	SEQ-CCV6	A12	O100073-29 B9
O100102-03B	A20	F009416-BLK4	C7	ERR	A3	O100073-30 B10
SEQ-CCV1	A21	F009416-BLK5	C8	ERR	A4	O100073-31 B11
SEQ-CCB1	B1	WS		SEQ-CCV7	B1	O100073-32 B12
O100102-04B	B2	WS		SEQ-CCB6	A13	O100073-33 B13
O100098-01C	B3	WS		F009417-MS1	A14	O100073-34 B14
O100098-02C	B4	WS		F009417-MSD1	A15	O100073-35 B15
O100102-01C	B5	WS		O100073-37	A16	SEQ-CCV9 B16
O100102-02C	B6	SEQ-CCV4	C9	F009417-MS2	A17	SEQ-CCB8 B17
O100102-03C	B7	SEQ-CCB4	C10	F009417-MSD2	A18	O100073-38 B18
O100102-04C	B8	O100073-18	C11	O100073-21	A19	O100073-39 B19
O100098-01A	B9	F009416-MS1	C12	O100073-22	A20	O100073-40 B20
O100098-02A	B10	O100073-19	C13	O100073-23	A21	SEQ-CCVA B21
O100102-01A	B11	F009416-MS2	C14	O100073-24	B2	SEQ-CCB9 C1

Verified by: *USA 10-6-2000*

ANALYSIS SEQUENCE

OJ07014

Analyzed with
 OJ070145 and OJ07016
 NPS 10/1/20
 NPS 10/1/20

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/6/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
OJ07014-IBL1	QC	1			
OJ07014-IBL2	QC	2			
OJ07014-IBL3	QC	3			
OJ07014-CAL1	QC	4	2002064		
OJ07014-CAL2	QC	5	2002065		QUALITY ASSURANCE
OJ07014-CAL3	QC	6	2002220		PEER REVIEWED
OJ07014-CAL4	QC	7	2002221		INITIALS: PGS
OJ07014-CAL5	QC	8	2002222		
OJ07014-ICV1	QC	9	2001809		
OJ07014-ICB1	QC	10			
F009418-BS1	QC	11			
F009418-BSD1	QC	12			
F009418-BLK1	QC	13			
F009418-BLK2	QC	14			
F009418-BLK3	QC	15			
O100073-42	Hg-CVAFS-S-7474	16			
F009418-MS1	QC	17			
F009418-MSD1	QC	18			
O100073-43	Hg-CVAFS-S-7474	19			
O100073-45	Hg-CVAFS-S-7474	20			
OJ07014-CCV1	QC	21	2001809		
OJ07014-CCB1	QC	22			
O100073-47	Hg-CVAFS-S-7474	23			
O100073-48	Hg-CVAFS-S-7474	24			
O100073-49	Hg-CVAFS-S-7474	25			
O100073-50	Hg-CVAFS-S-7474	26			
O100073-51	Hg-CVAFS-S-7474	27			
O100073-53	Hg-CVAFS-S-7474	28			
O100073-54	Hg-CVAFS-S-7474	29			
O100073-55	Hg-CVAFS-S-7474	30			
O100073-56	Hg-CVAFS-S-7474	31			
O100073-57	Hg-CVAFS-S-7474	32			
OJ07014-CCV2	QC	33	2001809		
OJ07014-CCB2	QC	34			
O100073-58	Hg-CVAFS-S-7474	35			
O100073-59	Hg-CVAFS-S-7474	36			

ANALYSIS SEQUENCE

0J07014

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/6/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-60	Hg-CVAFS-S-7474	37			
F009419-BS1	QC	38			
F009419-BSD1	QC	39			
F009419-BLK1	QC	40			
F009419-BLK2	QC	41			
F009419-BLK3	QC	42			
0I00073-61	Hg-CVAFS-S-7474	43			
F009419-MS1	QC	44			
0J07014-CCV3	QC	45	2001809		
0J07014-CCB3	QC	46			
F009419-MSD1	QC	47			
0I00073-67	Hg-CVAFS-S-7474	48			
F009419-MS2	QC	49			
F009419-MSD2	QC	50			
0I00073-63	Hg-CVAFS-S-7474	51			
0I00073-64	Hg-CVAFS-S-7474	52			
0I00073-65	Hg-CVAFS-S-7474	53			
0I00073-66	Hg-CVAFS-S-7474	54			
0I00073-68	Hg-CVAFS-S-7474	55			
0I00073-69	Hg-CVAFS-S-7474	56			
0J07014-CCV4	QC	57	2001809		
0J07014-CCB4	QC	58			
0I00073-70	Hg-CVAFS-S-7474	59			
0I00073-71	Hg-CVAFS-S-7474	60			
0I00073-72	Hg-CVAFS-S-7474	61			
0I00073-73	Hg-CVAFS-S-7474	62			
0I00073-74	Hg-CVAFS-S-7474	63			
0I00073-75	Hg-CVAFS-S-7474	64			
0I00073-76	Hg-CVAFS-S-7474	65			
0I00073-77	Hg-CVAFS-S-7474	66			
0I00073-78	Hg-CVAFS-S-7474	67			
0I00073-79	Hg-CVAFS-S-7474	68			
0J07014-CCV5	QC	69	2001809		
0J07014-CCB5	QC	70			
0I00073-80	Hg-CVAFS-S-7474	71			
0I00073-81	Hg-CVAFS-S-7474	72			

ANALYSIS SEQUENCE

OJ07014

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/6/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
OJ07014-CCV6	QC	73	2001809		
OJ07014-CCB6	QC	74			
OJ07014-CCV7	QC	75	2001809		
OJ07014-CCB7	QC	76			
F009420-BS1	QC	77			
F009420-BSD1	QC	78			
F009420-BLK1	QC	79			
F009420-BLK2	QC	80			
F009420-BLK3	QC	81			
O100073-82	Hg-CVAFS-S-7474	82			
F009420-MS1	QC	83			
F009420-MSD1	QC	84			
O100073-83	Hg-CVAFS-S-7474	85			
F009420-MS2	QC	86			
OJ07014-CCV8	QC	87	2001809		
OJ07014-CCB8	QC	88			
F009420-MSD2	QC	89			
O100073-84	Hg-CVAFS-S-7474	90			
O100073-85	Hg-CVAFS-S-7474	91			
O100073-86	Hg-CVAFS-S-7474	92			
O100073-87	Hg-CVAFS-S-7474	93			
O100073-88	Hg-CVAFS-S-7474	94			
O100073-89	Hg-CVAFS-S-7474	95			
O100073-90	Hg-CVAFS-S-7474	96			
O100073-91	Hg-CVAFS-S-7474	97			
O100073-92	Hg-CVAFS-S-7474	98			
OJ07014-CCV9	QC	99	2001809		
OJ07014-CCB9	QC	100			
O100073-94	Hg-CVAFS-S-7474	101			
O100073-95	Hg-CVAFS-S-7474	102			
O100073-96	Hg-CVAFS-S-7474	103			
O100073-97	Hg-CVAFS-S-7474	104			
O100073-98	Hg-CVAFS-S-7474	105			
O100073-99	Hg-CVAFS-S-7474	106			
O100073-AA	Hg-CVAFS-S-7474	107			
O100073-AB	Hg-CVAFS-S-7474	108			

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	MFS	Sequence(s) #:	0J07014
Reviewer:		Dataset ID(s):	THg26003-201006-1
Date:	10/7/2020	WO (s) #:	0I00073
Batch #(s):	F009418, F009419, F009420		

• Select the correct preparation method.

Analyte	Prep Method	Matrix	
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2985	FSTM Trap 70:30 Digest	Air/Gas
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2807	Modified Cold Aqua Regia	Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2821	Shared Bomb-HF/HNO3/HCl Digest	Sed/Soil
<input type="checkbox"/> THg	EFTM-T-TM-SOP2825	Nitric Acid Oven Bomb	Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2795	70:30 Digest	Tissue
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2800	KCl Trap BrCl Oxidation	Air/Gas
<input type="checkbox"/> THg	EFTM-T-TM-SOP2837	Shared Nitric	Tissue
<input type="checkbox"/> THg	EFSR-P-SP-SOP2796	BrCl Oxidation	Water
<input type="checkbox"/> Hg0	NA	NA	Water
<input type="checkbox"/> Inorg Hg	NA	NA	Water

THg SOP14801 74.74 Sed

Analyst Initials: MFS

Reviewer Initials: PCS

- | | | | |
|---|---|--|------------------------------|
| 1. Compare SampleID with Benchsheet/Sequence/Raw Data (Have all samples been imported?) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 2. Check for transcription errors from Excel spreadsheet (or Prep Benchsheet)/Raw data | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (a) On raw data (instrument print-out), does correct file (dataset ID#) name appear in description? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Naming convention: THg26001-yymmdd-1 or THg26002-yymmdd-1 | | | |
| (b) Check 5% of transcription from Instrument print-out and Excel file | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Compare the "Dilute" and "Peak (raw)" columns to "Dilution" and "Uncorrected Result" in Excel | | | |
| (c) Check standards & reagents in sequence & bench sheet for correct usage (expiries). | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (d) Check and compare masses (review prep benchsheet) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (e) Check & compare initial & final volumes | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (f) Do aliquots and dilutions written on benchsheet match those in Excel? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| 50 ml / aliquot = Excel dilution value | | | |
| (g) Is the sequence #, analyst, date, and instrument # on the QC page? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (h) Is the analysis status correct? (analyzed/initial review/reviewed) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (i) Original prep bench sheet added to data package? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (j) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 3. High QA? WO#(s)/Client(s): _____ | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 4. Client specific QC? (if Yes, refer to Project Notes/LIMS) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (a) Have the QC requirements been met for all WO#s? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (b) Prep blanks corrections/assigned properly | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 5a. 20 or fewer samples in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (i) 3 PBs, 1 LCS(or BS), 1 LCSD(or BSD), 1 DUP/Batch 1 MS/MSD (or AS/ASD)/10 samples? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (ii) 1 CCV and 1 CCB every 10 analytical runs? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J07014
Reviewer:	Dataset ID(s): THg26003-201006-1
Date: 10/7/2020	WO (s) #: 0I00073
Batch #(s): F009418, F009419, F009420	

Analyst Initials MFS **Reviewer Initials** PGS

- 5b. Has the B/C section data been uploaded? YES NO N/A
- QA/QC Data Checked**
6. RSD CF ($\leq 15\%$) PASS FAIL
 Comments: _____
7. The calibration curve included a minimum of 5 Standards YES NO
 Comments: _____
8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) PASS FAIL
9. ICV and CCV % Recoveries EPA 1631E (77-123%) PASS FAIL
 Comments: _____
10. Do all calibration points pass acceptance criteria? YES NO
 Comments: _____
11. Are qualifiers consistent with the data review flowcharts? YES NO N/A
 Comments: _____
12. Explain any items on the failed data report from Element
 Comments: _____
13. Are the Individual Preparation Blanks $< PQL$ or $< 2.2 \times MDL$ for WI (refer to appropriate prep method PQL list) PASS FAIL
 (a) If not $< PQL$ or $< 2.2 \times MDL$ for WI, note which PB(s) are above control limit:
 (b) Is the mean PB $< PQL$ or $< 2.2 \times MDL$ for WI (for appropriate qualification)? YES NO
 (c) Was a BrCl Blank analyzed for each preservation level? YES NO N/A
 (d) Are Preparation Blanks summarized on QC page? YES NO
14. Filtration Blank Prepared (if yes, use FB qualifier) YES NO
 (a) Filtration Blank prep date same as associated samples' prep date YES NO N/A
 (b) Filtration Blank absolute value $< PQL$ or $< 2.2 \times MDL$ for WI YES NO N/A
15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? PASS FAIL
 Comments: _____
16. CCBs individually < 0.50 ng/L or $2.2 \times MDL$ for WI? PASS FAIL
 Comments: _____
17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) YES NO N/A
18. Is the correct 'Source' designated for MD/MS/MSD? YES NO
19. For digested preps: was there a spike witness signature & date on the prep bench sheet? YES NO N/A

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J07014
Reviewer:	Dataset ID(s): THg26003-201006-1
Date: 10/7/2020	WO (s) #: 0I00073
Batch #(s): F009418, F009419, F009420	

Analyst Initials MFS

Reviewer Initials PLS

- | | | | |
|--|---|--|--|
| 20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Comments: _____ | | | |
| 21. Are all samples within instrument calibration range? (or at minimum dilution size) | <input type="checkbox"/> PASS | <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> |
| Comments: _____ | | | |
| 22. Are the samples run at the correct dilution level for the method? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | |
| Comments: _____ | | | |
| 23. Dissolved < Total (if applicable) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 24. Effluent < Influent (visually confirm if needed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 25. Are re-runs noted with reason? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 27. Is the B trap <5% A Traps | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 28. Are spiked trap recoveries 75-125% of true value? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| Comments: _____ | | | |
| 30. Have re-extracts been created for non-reportable samples? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A <input type="checkbox"/> |
| 31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 32. Does the data set need scanning? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 33. Does the dataset have an LOQ/LOQ or DOC? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 34. Water samples: has the preservation log been included in dataset for final volume verification? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 35. Water samples-is the final volume correct in the sequence? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |


Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\DOCs

- | | | | | | |
|---|-----------------|----------------------------------|---|--|--------------------------|
| 36. Date of analyst IDOC/CDOC: _____ | <u>3/2/20</u> | IDOC/CDOC within last 12 months? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 37. Date of analyst's SOP reading for method: _____ | <u>3/2/20</u> | Current SOP revision read? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 38. Date of LOD: _____ | <u>12/29/19</u> | LOD within last 3 months? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 39. Date of LOQ: _____ | <u>12/25/19</u> | LOQ within last 3 months? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |


Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

Failing Data Report - 0J07014

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD Limit	Over Cal	Failure	Qualifier
007014-CCV5	Hg-CVAFS-S-7474	6.73	2.000			4.9950	ng/L	135	77.00	123.00		PASS-OVER	FAIL-CCV	



 Analyst Reviewed By _____ Date 10/8/20



 Peer Reviewed By _____ Date _____

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: LRL
Upload/Date: LRL

9/29/20
10/6/2020

Samples to lab: 120
Reviewer/Date: MFS 10/5/20

Batch #: FO09418

- EFGS Preparation Method**
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia
 - SOP2820 RP
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2993 Oven Digestion (As, Se Speciation)
 - SOP5145 Microwave Digestion (Nutraceuticals)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: SOP1480 EPA 7474

Initials	SOP Date	DOC Date
<u>MFS</u>	<u>9-28-2020</u>	<u>9-28-2020</u>
<u>MFS</u>	<u>8/31/2020</u>	<u>10/9/2020</u>
		<u>10/17/2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34fil\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: THg

- | | Reviewer Initials | Tertiary Review |
|---|--|--------------------------|
| 1. Is any SOP/DOC expiring within one week of Submission Date?
Data cannot be reported without a current IDOC/CDOC. | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 2. Check prep method | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> |
| (a) For Ceuticals: Is correct Hg code being used in LIMS? <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 4. Check for transcription errors from benchsheet | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> |
| (a) Check and compare initial and final volumes | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) Check and compare mass | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (d) Have assay logbook copies been attached & avg masses entered? | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (e) For re-digests, have e-mails been attached and verified? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | <input type="checkbox"/> |
| (a) PBs per batch? <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) Are pre and post homogenization blanks in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> |
| (c) BS, BS/BSD or CRM in batch? <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (d) MS/MSD in batch? | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (e) MD in batch? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (f) Is there at least one duplicate QC source in batch? | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (g) Are there any client specific requests, QC requests, etc? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| Document: | | |
| (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 6. Special prep requirements? | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook) | <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (c) Spikes added: | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> |

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
<u>Thyroxine</u>	<u>2001204</u>	<u>40</u>			
<u>Thyroxine</u>	<u>2002298</u>	<u>50</u>			

10/7/2020

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009418-BLK1	Blank	0.5	200					
F009418-BLK2	Blank	0.5	200					
F009418-BLK3	Blank	0.5	200					
F009418-BS1	LCS	0.5	200	2001204	40			
F009418-BSDI	LCS Dup	0.5	200	2001204	40			
F009418-MS1	Matrix Spike [0100073-42]	0.5074	200	2002298	50			
F009418-MSD1	Matrix Spike Dup [0100073-42]	0.5157	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/29/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-42 ✓	OR-T1-C1_091720_SED_003-05	0.5108 ✓	200 ✓	-	-	S&R		
0100073-43 ✓	PBR-28_0917 SED_00-01	0.5134 ✓	200 ✓	-	-	S&R		
0100073-45 ✓	W-17-N_091720_SED_01-03	0.5114 ✓	200 ✓	-	-	S&R		
0100073-47 ✓	OR-T1-C1_091720_SED_03-05_DUP	0.5098 ✓	200 ✓	-	-	S&R		
0100073-48 ✓	OV-01_091820_SED_00-01	0.5109 ✓	200 ✓	-	-	S&R		
0100073-49 ✓	OV-01_091820_SED_01-03	0.5032 ✓	200 ✓	-	-	S&R		
0100073-50 ✓	OV-01_091820_SED_03-05	0.5079 ✓	200 ✓	-	-	S&R		
0100073-51 ✓	PBR-28_091720_SED_00-01_DUP	0.5174 ✓	200 ✓	-	-	S&R		
0100073-53 ✓	PBR-28_091720_SED_01-03_DUP	0.519 ✓	200 ✓	-	-	S&R		
0100073-54 ✓	PBR-28_091720_SED_03-05	0.5163 ✓	200 ✓	-	-	S&R		
0100073-55 ✓	PBR-28_091720_SED_03-05_DUP	0.5066 ✓	200 ✓	-	-	S&R		
0100073-56 ✓	W-22-Mid_091820_SED_00-01	0.513 ✓	200 ✓	-	-	S&R		
0100073-57 ✓	W-22-Mid_091820_SED_01-03	0.5015 ✓	200 ✓	-	-	S&R		
0100073-58 ✓	W-22-Mid_091820_SED_03-05	0.5177 ✓	200 ✓	-	-	S&R		
0100073-59 ✓	MM-T2-C1_091820_SED_00-01	0.5043 ✓	200 ✓	-	-	S&R		
0100073-60 ✓	MM-T2-C1_091820_SED_01-03	0.5009 ✓	200 ✓	-	-	S&R		



PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

9418:121571230

Date: 9-28-2020

Microwave Digestions

Microwave ID: MD7708

1° Tech.: UFL 2° Tech.: NA Spiked by: UFL

Rack F Time In/Out: 115/1216 Rack E Time In/Out: 175/1753

Batches: F009417, F009439, F009418, F009437, F009438, F009439, F009440, F009441, F009442, F009443, F009444, F009445, F009446, F009447, F009448, F009449, F009450, F009451, F009452, F009453, F009454, F009455, F009456, F009457, F009458, F009459, F009460, F009461, F009462, F009463, F009464, F009465, F009466, F009467, F009468, F009469, F009470, F009471, F009472, F009473, F009474, F009475, F009476, F009477, F009478, F009479, F009480, F009481, F009482, F009483, F009484, F009485, F009486, F009487, F009488, F009489, F009490, F009491, F009492, F009493, F009494, F009495, F009496, F009497, F009498, F009499, F009500

Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (N): 25 / 9-29-2020

Final Volume (mL)/Initials/Date: 25 / UFL / 10-7-2020 *S.S.R Completed (Y/N) Y 9-28-2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009417-81K3	B	F	14	0.5057	Boiling Chips (BC)		F009439: 15 min shake 1203 ended 1718
2	F009417-1351	B	F	15	0.5001	BC		
3	F009417-1521	B	F	16	0.5559	BC		
4	0I00073-36	A	F	17	0.5296	Schuyler (S)		
5	0I00073-36K51	A	F	18	0.5124	S		
6	0I00073-36K50	A	F	19	0.5037	S		
7	0I00073-37	A	F	20	0.5357	S		
8	0I00073-37MS2	A	F	21	0.5130	S		
9	0I00073-37MS2	A	F	22	0.5003	S		
10	0I00073-71	A	F	23	0.5093	S		
11	0I00073-72	A	F	24	0.5288	S		

add 4mL of DI to each sample & BC to all sediments UFL 9-29-2020 Initials:

See pg 144 for additional

	Spike	Vol. (µL)	LIMS #
A	THg 1000ng/mL	40	20017204
B	THg 1000ng/mL	50	20027298
C	THg 10ng/mL	see below	2002219
D			
E			
F			
G			
H			

Pipette ID	Cal. Date
0107857	9-28-2020
0107853	9-28-2020
0107853	9-29-2020

Preparation Method:	Reagent	Vol. (mL)	LIMS #
Prep method UFL 10-5-2020	HNO3	1	2001932
	HCl	3	2002104

1 Combined Spike ID: _____ = _____ Batches: _____

2 Combined Spike ID: _____ = _____ Batches: _____

UFL 9-28-2020

Date: 9-28-2020

Microwave Digestions

Microwave ID: MD7708

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	0I00073-23	A	F	25	0.5130	S		
13	0I00073-24	A	F	26	0.5211	S		
14	0I00073-25	A	F	27	0.5337	S		
15	0I00073-26	A	F	28	0.5338	S		
16	0I00073-27	A	F	29	0.5184	S		
17	0I00073-28	A	F	30	0.5088	S		
18	0I00073-29	A	F	31	0.5332	S		
19	0I00073-30	A	F	32	0.5424	S		
20	0I00073-31	A	F	33	0.5171	S		
21	0I00073-32	A	F	34	0.5092	S		
22	0I00073-33	A	F	35	0.5223	S		
23	0I00073-34	A	F	36	0.5271	S		
24	0I00073-35	A	F	37	0.5102	S		
25	0I00073-38	A	F	38	0.5001	S		
26	0I00073-39	A	F	39	0.5045	S		
27	0I00073-40	A	F	40	0.5019	S		
28	F009439-BIK1	B	F	1	0.5529	BC		Shared as 0I00100-01 val 9-29-2020
29	F009439-BIK2	B	F	2	0.5204	BC		
30	F009439-BIK3	B	F	3	0.5569	BC		
31	F009439-B51	B	F	4	0.5211	BC		100, 100ml of C
32	F009439-B52	B	F	5	0.5511	BC		100, 300ml of C
33	F009439-B53	A	F	6	0.5141	S		Dry val 9-30-2020
34	F009439-B54	A	F	7	0.5177	S		
35	F009439-B55	A	F	8	0.5119	S		became SDCI
36	0I00073-42	A	E	4	0.5100	S		became MSI (val 9-30-2020)
37	0I00073-42MS2	A	E	5	0.5074	S		became MSDI
38	0I00073-42MS3	A	E	6	0.5157	S		
39	0I00073-43	A	E	7	0.5134	S		Dry val 9-30-2020
40	0I00073-44	A	E	8	0.5093	S		

Initials:

MW

Date: 9/24/2020 See pg 148 Microwave ID: MD7708

Microwave Digestions

Tech: WJ Spiked by: WJ Spike Witness: WJ Rack Time In/Out: Rack Time In/Out:
 Batches: Boiling Chip LIMS ID# Balance #/Cal.? (Y/N):

Carouse# (12/40) #: Probe #: Final volume (mL)/Initials/Date: *S.S.R Completed (Y/N): WJ 9/29/2020

#	Sample/Batch-ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	0I00073-45	A	E	9	0.5114	Sediment(S)		
2	0I00073-46	A	E	10	0.5100	S		WJ 9/30/2020
3	0I00073-47	A	E	11	0.5098	S		
4	0I00073-48	A	E	12	0.5109	WJ 9/28/2020 Rock(0)		
5	0I00073-49	A	E	13	0.5032	R		
6	0I00073-50	A	E	14	0.5079	R		
7	0I00073-51	A	E	15	0.5174	S		
8	0I00073-52	A	E	16	0.5190	S		WJ 9/30/2020
9	0I00073-53	A	E	17	0.5190	S		
10	0I00073-54	A	E	18	0.5163	S		
11	0I00073-55	A	E	19	0.5066	S		

See pg 148

Spike	Vol. (µL)	LIMS #	Pipette ID	Cal. Date	Preparation Method:	
					Reagent	Vol. (mL)
A						LIMS #
B						
C						
D						
E						
F						
G						
H						

Combined Spike ID: = ; Batches:
 Combined Spike ID: = ; Batches: WJ 9/29/2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	0 I00073-56	A	E	20	0.5130	Sediment(S)		
13	0 I00073-57	A	E	21	0.5015	S		
14	0 I00073-58	A	E	22	0.5177	S		
15	0 I00073-59	A	E	23	0.5043	S		
16	0 I00073-60	A	E	24	0.5009	S		
17	F009418-B1K1	B	E	25	0.5559	Boiling Chip(BC)		
18	F009418-B1K2	B	E	26	0.5102	BC		
19	F009418-B1K3	B	E	27	0.5791	BC		
20	F009418-B51	B	E	28	0.5204	BC		
21	F009418-B501	B	E	29	0.5208	BC		
22	F009437-B1K1	A	F	30	0.5112	BC	✓	
23	F009437-B1K2	A	F	31	0.5092	BC	✓	
24	F009437-B1K3	A	F	32	0.5120	BC	✓	
25	F009437-B51	A	F	33	0.5234	BC	✓	
26	F009437-B501	A	F	34	0.5436	BC	✓	
27	F009437-B53	A	F	35	0.5558	BC	✓	
28	F009437-B54	A	F	36	0.5743	BC	✓	
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								ML 9-29-2020

Initials:

EFGS / Microwave Digestions / LOG-PR-009 / Effective: 4/11/17 / QA2019-033 / Page 151 of 215 / *SS.R = Sample, Spike, Reagents / Page 4 of 4 / Verified By: Jm

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: Mr 9/30/2020
Upload/Date: Mr 10/6/2020

Samples to lab: 1120
Reviewer/Date: MRK 10/15/20

Batch #: F009419

- EFGS Preparation Method
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia
 - SOP2820 RP
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2993 Oven Digestion (As, Se Speciation)
 - SOP5145 Microwave Digestion (Nutraceuticals)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: SOP 14701 EPA 7474

Initials	SOP Date	DOC Date
<u>Mr</u>	<u>4-28-2020</u>	<u>4-28-2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

- | | Reviewer Initials | MPS | Tertiary Review |
|---|--|--|--|
| 1. Is any SOP/DOE expiring within one week of Submission Date?
Data cannot be reported without a current IDOC/CDOC. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| If YES, notify supervisor and technician immediately. | | | |
| 2. Check prep method | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (a) For Ceuticals: Is correct Hg code being used in LIMS? <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. Check for transcription errors from benchsheet | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (a) Check and compare initial and final volumes | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (b) Check and compare mass | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (d) Have assay logbook copies been attached & avg masses entered? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (e) For re-digests, have e-mails been attached and verified? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (a) PBs per batch? <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (b) Are pre and post homogenization blanks in batch? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (c) BS, BS/BSD or CRM in batch? <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (d) MS/MSD in batch? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (e) MD in batch? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (f) Is there at least one duplicate QC source in batch? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (g) Are there any client specific requests, QC requests, etc?
Document: <u>WO 01C0073-67</u> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. Special prep requirements? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook) | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| (c) Spikes added: | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
<u>THs 6000046 2002296</u>	<u>40</u>	<u>40</u>	<u>THs 6000046 2002296</u>	<u>50</u>	<u>50</u>

Mr 10/7/2020

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

9/30/20

F@ 1226

E@ 1505

Prepared: 10/1/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009419-BLK1	Blank	0.532	200					
F009419-BLK2	Blank	0.5004	200					
F009419-BLK3	Blank	0.5011	200					
F009419-BS1	LCS	0.5312	200	2001204	40			
F009419-BSD1	LCS Dup	0.568	200	2001204	40			
F009419-MS1	Matrix Spike [0100073-6] 1	0.502	200	2002298	50			
F009419-MS2	Matrix Spike [0100073-6] 1	0.5313	200	2002298	50			
F009419-MSD1	Matrix Spike Dup [0100073-6] 1	0.5033	200	2002298	50			
F009419-MSD2	Matrix Spike Dup [0100073-6] 1	0.5121	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-61	MM-T2-C1_091820_SED_03-05	0.5087	200	-	-	S&R		
0100073-63	MM-T5-C1_091820_SED_00-01	0.5189	200	-	-	S&R		
0100073-64	MM-T5-C1_091820_SED_01-03	0.5168	200	-	-	S&R		
0100073-65	MM-T5-C1_091820_SED_03-05	0.5263	200	-	-	S&R		
0100073-66	OB-05_091820_SED_00-01	0.5097	200	-	-	S&R		
0100073-67	OB-05_091820_SED_01-03	0.5481	200	QC	-	S&R		
0100073-68	OB-05_091820_SED_03-05	0.5224	200	-	-	S&R		
0100073-69	W-17-Intertidal_091820_SED_00-01	0.512	200	-	-	S&R		
0100073-70	W-17-Intertidal_091820_SED_01-03	0.5206	200	-	-	S&R		
0100073-71	W-17-Intertidal_091820_SED_03-05	0.5097	200	-	-	S&R		
0100073-72	FF-08-02_091820-SED-00-01	0.5384	200	-	-	S&R		
0100073-73	FF-08-02_091820-SED-00-01_DUP	0.5191	200	-	-	S&R		
0100073-74	FF-08-02_091820-SED-01-03	0.5125	200	-	-	S&R		
0100073-75	FF-08-02_091820-SED-01-03_DUP	0.5169	200	-	-	S&R		
0100073-76	FF-08-02_091820-SED-03-05	0.5078	200	-	-	S&R		
0100073-77	FF-08-02_091820-SED-03-05_DUP	0.5004	200	-	-	S&R		
0100073-78	W-17-Low_091820_SED_00-01	0.5022	200	-	-	S&R		
0100073-79	W-17-Low_091820_SED_01-03	0.5089	200	-	-	S&R		
0100073-80	W-17-Low_091820_SED_03-05	0.5143	200	-	-	S&R		

PREPARATION BENCH SHEET

F009419

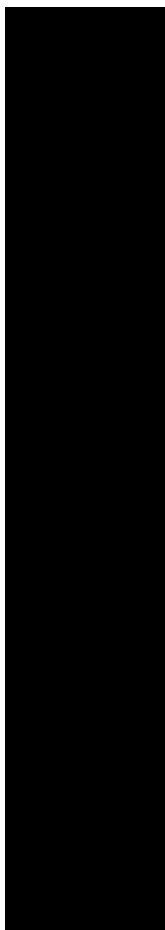
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

0100073-81	W-61-Intertidal_091820_SED_00-01	0.5117	200	-	-	S&R	
------------	----------------------------------	--------	-----	---	---	-----	--



9419:1430/1445

Microwave ID: MD7708

Microwave Digestions

Microwave ID: MD7708 Rack # Time In / Out: 1735 / 1430/1445

Tech: M 2^o Tech: VKL Spiked by: M

Spike Witness: VKL Rack # Time In / Out: 1220 / 1735 Balance #/Cal.? 0/N: 19 / 1

Boiling Chip LIMS ID# 2002050

Boiling Chip LIMS ID# 2002050 S.S.R Completed (Y/N) Y

Final Volume (ml)/Initials/Date: 75 VKL 10-7-2020

Probe #: NT

rousel (1240) #: UO

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	FO09419-BLK1	A	F	1	0.5326	Borling chips (BQ)	✓	
2	FO09419-BLK2	A	F	2	0.5004	BC	✓	
3	FO09419-BLK3	A	F	3	0.5011	BC	✓	
4	FO09419-B51	A	F	4	0.5712	BC	✓	
5	FO09419-B502	A	F	5	0.5680	BC	✓	
6	FO09419-MS1	A	F	6	0.5020	Sediment (S)	✓	Dry VKL 9-30-2020
7	FO09419-MS2	A	F	7	0.5020	S	✓	Dry VKL 9-30-2020
8	FO09419-MS3	A	F	8	0.5020	S	✓	
9	FO09419-MS2	A	F	9	0.5713	S	✓	
10	FO09419-MS2	A	F	10	0.5721	S	✓	
11	FO09419-MS1	A	F	11	0.5481	S	✓	

Initials: VKL

Preparation Method:	Reagent	Vol. (ml)	LIMS #
	HNO3	1	2001932
	HCl	3	2002104
	7474sp1n	1	2002314
	HCl	675	2001973

Pipette ID	Cal. Date
DU07852	9/22/2020
Pu21746	10-7-2020
QU40347	10-7-2020

Spike	Vol. (µL)	LIMS #
10,000 g/ml	40	2001204
	50	2002298

Batches: _____

Batches: _____

Combined Spike ID: _____

Combined Spike ID: _____

Date: 9/30/2020

Microwave Digestions

Microwave ID: M.D.7708

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	OPacc73-63	A	12	12	0.5179	Sechman (S)	/	
13	OPacc73-64	A	13	13	0.5168	S	/	
14	OPacc73-65	A	14	14	0.5263	S	/	
15	OPacc73-66	A	15	15	0.5097	S	/	
16	OPacc73-68	A	16	16	0.5224	S	/	
17	OPacc73-69	A	17	17	0.5120	S	/	
18	OPacc73-70	A	18	18	0.5206	S	/	
19	OPacc73-71	A	19	19	0.5097	S	/	
20	OPacc73-72	A	20	20	0.5384	S	/	Low Volume Sample
21	OPacc73-73	A	21	21	0.5191	S	/	Low Volume Sample
22	OPacc73-74	A	22	22	0.5125	S	/	
23	OPacc73-75	A	23	23	0.5169	S	/	
24	OPacc73-76	A	24	24	0.507E	S	/	
25	OPacc73-77	A	25	25	0.5004	S	/	
26	OPacc73-78	A	26	26	0.5022	S	/	
27	OPacc73-79	A	27	27	0.5089	S	/	
28	OPacc73-80	A	28	28	0.5143	S	/	
29	OPacc73-81	A	29	29	0.5117	S	/	
30	FO09420-Blk1	A	30	30	0.5226	Berlins Chms (B)	/	
31	FO09420-Blk2	A	31	31	0.5417	BC	/	
32	FO09420-Blk3	A	32	32	0.5070	BC	/	
33	FO09420-BS1	A	33	33	0.5536	BC	/	
34	FO09420-BSM	A	34	34	0.5136	BC	/	
35	OPacc73-82 (MS1)	A	35	35	0.5026	Sechman (S)	/	
36	FO09420-MS1	A	36	36	0.5173	S	/	
37	FO09420-MSD1	A	37	37	0.5030	S	/	
38	OPacc73-83 (MS1)	A	38	38	0.5041	S	/	
39	FO09420-MS2	A	39	39	0.5224	S	/	
40	FO09420-MSD2	A	40	40	0.5222	S	/	

Initials:

Date: 9/30/2020 Microwave ID: MD7708
 1° Tech: ym 2° Tech: VM Spiked by: ym Microwave Digestions
 Batches: F09419, F09420 Rack E Time In: 1505/1530 Rack F Time In: 1550/1605
 Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (N): 19 / 9/30/2020
 Carousels (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 50 / ym / 9.30.2020 S.S.R Completed (Y/N) Y
25 / VM / 10.7.2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F09419-MSD4	Box	E	37	0.5146	SedimentCS		Sample okay ym 9/30/2020
2	0Dec073-61	A	E	38	0.5087	S		
3	F09419-134K3	A	E	39	0.5011	Boiling checked		
4	0Dec073-84	A	E	1	0.5027	S		
5	0Dec073-85	A	E	2	0.5014	S		Dry ym 9/30/2020
6	0Dec073-86	A	E	3	0.5061	S		
7	0Dec073-87	A	E	4	0.5075	S		
8	0Dec073-88	A	E	5	0.5031	S		Dry ym 9.30.2020
9	0Dec073-89	A	E	6	0.5028	S		
10	0Dec073-90	A	E	7	0.5027	S		
11	0Dec073-91	A	E	8	0.5211	S		Dry ym 9.30.2020

Initials:

	Spike	Vol. (µL)	LIMS #	Preparation Method:		
				Reagent	Vol. (mL)	LIMS #
A	10,000 ng/mL	50	2002218	HNO3	1	2001932
B				HCl	3	2002104
C				74749d/n	1	2002316
D				HCl	1.25	2001973
E						
F						
G						VM 10.6.2020
H						VM 10.6.2020

1 Combined Spike ID: _____ ; Batches: _____
 2 Combined Spike ID: _____ ; Batches: _____

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: ML 10/11/2020
Upload/Date: ML 10/16/2020

Samples to lab: 1120
Reviewer/Date: MCS 10/16/20

Batch #: FC09420

EFGS Preparation Method

SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS

SOP2837 Tissue Nitric Digestion ICPMS CVAFS

SOP2840 Modified Aqua Regia

SOP2820 RP

SOP2821 HF Bomb Digestion ICPMS CVAFS

SOP2825 Nitric Bomb Digestion ICPMS CVAFS

SOP2993 Oven Digestion (As, Se Speciation)

SOP5145 Microwave Digestion (Nutraceuticals)

SOP5145 Microwave Digestion (3051)

NA Other: SOP 14801 EPA 7474

Initials	SOP Date	DOC Date
<u>ML</u>	<u>4/30/200</u>	<u>4/30/200</u>
<u>ML</u>	<u>8/31/2020</u>	<u>9/30/2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: THg

	Reviewer Initials	MCS	Tertiary Review
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
If YES, notify supervisor and technician immediately.			
2. Check prep method	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS? <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 <input type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>	<input type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) PBs per batch? <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) BS, BS/BSD or CRM in batch? <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d) MS/MSD in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Document:			
(h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Special prep requirements?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For all spiking was there a witness? (Initials must be in logbook)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	<input type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL
<u>THg spike 2001204</u>		<u>40</u>			
<u>THg spike 2002272</u>		<u>50</u>			

PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

9/30/20
10/1/20
Prepared: 10/1/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009420-BLK1	Blank	0.5226	200					
F009420-BLK2	Blank	0.5417	200					
F009420-BLK3	Blank	0.507	200					
F009420-BS1	LCS	0.553	200	2001204	40			
F009420-BSD1	LCS Dup	0.513	200	2001204	40			
F009420-MS1	Matrix Spike [0100073-82]	0.5173	200	2002298	50			
F009420-MS2	Matrix Spike [0100073-83]	0.5084	200	2002298	50			
F009420-MSD1	Matrix Spike Dup [0100073-82]	0.503	200	2002298	50			
F009420-MSD2	Matrix Spike Dup [0100073-83]	0.5202	200	2002298	50			

Standard ID(s)	Description:	Expiration:	Reagent ID(s)	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00

PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-82 ✓	W-61-Intertidal_091820_SED_01-03	0.502 ✓	200 ✓	-	-	S&R		
0100073-83 ✓	W-61-Intertidal_091820_SED_03-05	0.5404 0.5011 ✓	200 ✓ MES 10/1/20	-	-	S&R		
0100073-84 ✓	E-01-01_091920_SED_00-01	0.5089 ✓	200 ✓	-	-	S&R		
0100073-85 ✓	E-01-01_091920_SED_00-01_DUP	0.5006 ✓	200 ✓	-	-	S&R		
0100073-86 ✓	E-01-01_091920_SED_01-03	0.5261 ✓	200 ✓	-	-	S&R		
0100073-87 ✓	E-01-01_091920_SED_01-03_DUP	0.5075 ✓	200 ✓	-	-	S&R		
0100073-88 ✓	E-01-01_091920_SED_03-05	0.5031 ✓	200 ✓	-	-	S&R		
0100073-89 ✓	E-01-01_091920_SED_03-05_DUP	0.5146 ✓	200 ✓	-	-	S&R		
0100073-90 ✓	E-01-03_091920-SED-00-01	0.5257 ✓	200 ✓	-	-	S&R		
0100073-91 ✓	E-01-03_091920-SED-01-03	0.5227 ✓	200 ✓	-	-	S&R		
0100073-92 ✓	E-01-03_091920-SED-03-05	0.5157 ✓	200 ✓	-	-	S&R		
0100073-93 ✓	SVE-01_091820_SED_00-01	0.5128 0.5264 ✓	200 ✓ MES 10/1/20	-	-	S&R		
0100073-94 ✓	SVE-01_091820_SED_01-03	0.5264 ✓	200 ✓	-	-	S&R		
0100073-95 ✓	SVE-01_091820_SED_03-05	0.5229 ✓	200 ✓	-	-	S&R		
0100073-96 ✓	CJ-04_092020_SED_00-01	0.5189 ✓	200 ✓	-	-	S&R		
0100073-97 ✓	CJ-04_092020_SED_01-03	0.5218 ✓	200 ✓	-	-	S&R		
0100073-98 ✓	E-01-04_091920_SED_00-01	0.5175 ✓	200 ✓	-	-	S&R		
0100073-99 ✓	E-01-04_091920_SED_01-03	0.5289 ✓	200 ✓	-	-	S&R		
0100073-AA ✓	E-01-04_091920_SED_03-05	0.5194 ✓	200 ✓	-	-	S&R		

PREPARATION BENCH SHEET

F009420

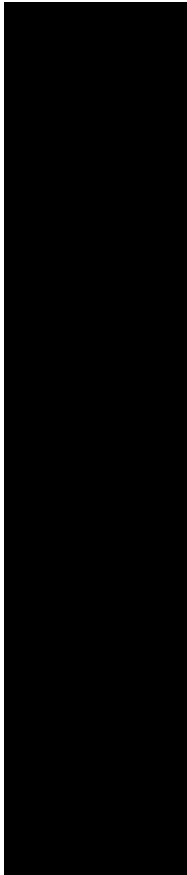
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

0100073-AB	ES-FP_091920_SED_00-01	0.52	200	-	-	S&R	
------------	------------------------	------	-----	---	---	-----	--



9136/2020
9419:1430/1445

Microwave ID: MD7708
Microwave Digestions
Rack F Time In: 12:20 Out: 12:35
Rack G Time In: 14:30 Out: 14:45
Balance #/Cal.?/O/N: 69 / L
Boiling Chip LIMS ID# 200050
Final Volume (mL)/Initials/Date: 75 mL 10-7-2020

1° Tech: M 2° Tech: VEA Spiked by: AV
Spike Witness: VEA 9-30-2020
Batches: F009419, F009420
Carousel (12/40) #: 40 Probe #: NT

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009419-BL62	A	F	1	0.5326	Boiling chips (BC)	/	
2	F009419-BL62	A	F	2	0.5004	BC	/	
3	F009419-BL63	A	F	3	0.5011	BC	/	
4	F009419-B54	A	F	4	0.5212	BC	/	
5	F009419-B502	A	F	5	0.5680	BC	/	
6	F009419-M51	A	F	6	0.5020	Sediment (S)	/	
7	F009419-M501	A	F	7	0.5021	S	/	Dry VEA 9-30-2020
8	F009419-M502	A	F	8	0.5021	S	/	Dry VEA 9-30-2020
9	F009419-M52	A	F	9	0.5213	S	/	
10	F009419-M502	A	F	10	0.5121	S	/	
11	F009419-M51	A	F	11	0.5481	S	/	

Initials: VEA

Preparation Method:	Reagent	Vol. (mL)	LIMS #
	HNO3	1	2001932
	HCl	3	2002104
	H474501H	1	2002314
	HCl	675	2001973

Pipette ID	Cal. Date
DU07852	9/28/2020
PU21746	10-2-2020
QU40347	10-2-2020

Spike	Vol. (µL)	LIMS #
THy 10,000 µg/mL	40	2001204
	50	2002298

Combined Spike ID:	Batches:
1	VEA 10-6-2020
2	

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	OP00073-63	A	12	12	0.5179	Sediment (S)	/	
13	OP00073-64	A	13	13	0.5168	S	/	
14	OP00073-65	A	14	14	0.5263	S	/	
15	OP00073-66	A	15	15	0.5097	S	/	
16	OP00073-68	A	16	16	0.5224	S	/	
17	OP00073-69	A	17	17	0.5120	S	/	
18	OP00073-70	A	18	18	0.5206	S	/	
19	OP00073-71	A	19	19	0.5097	S	/	
20	OP00073-72	A	20	20	0.5384	S	/	
21	OP00073-73	A	21	21	0.5191	S	/	
22	OP00073-74	A	22	22	0.5125	S	/	Low volume Sample
23	OP00073-75	A	23	23	0.5169	S	/	Low volume Sample
24	OP00073-76	A	24	24	0.5078	S	/	
25	OP00073-77	A	25	25	0.5004	S	/	
26	OP00073-78	A	26	26	0.5022	S	/	
27	OP00073-79	A	27	27	0.5089	S	/	
28	OP00073-80	A	28	28	0.5143	S	/	
29	OP00073-81	A	29	29	0.5117	S	/	
30	FO09420-81k1	A	30	30	0.5226	Burling Chase (C)		
31	FO09420-81k2	A	31	31	0.5417	BC		
32	FO09420-81k3	A	32	32	0.5070	BC		
33	FO09420-85L	A	33	33	0.5536	BC		
34	FO09420-85M	A	34	34	0.5130	BC		
35	OP00073-82 (MS2)	A	35	35	0.5020	Sediment (S)		
36	FO09420-MS1	A	36	36	0.5173	S		
37	FO09420-MS1	A	37	37	0.5030	S		
38	OP00073-83 (MS1)	A	38	38	0.5041	S		
39	FO09420-MS2	A	39	39	0.5204	S		
40	FO09420-MS2	A	40	40	0.5202	S		

Initials:

EFGS / Microwave Digestions / LOG-PR-009 / Effective: 4/11/17 / QA2019-033 / Page 155 of 245 / *S.S.R. = Sample, Spike, Reagents / Page 4 of 4 / Verified By: MFS 10/17/20

9/30/2020
 Microwave ID: MD7708
 Microwave Digestions
 9420: 1550/1605
 Microwave Digestions
 9/30/2020
 1505/1530 Rack F Time In: 1550 Out: 1605
 Spike Witness: VM Spiked by: VM
 Balance #/Cal.? (N): 19 / 9/30/2020
 Boiling Chip LIMS ID# 2002050
 Final Volume (mL)/Initials/Date: 50 / VM / 9.30.2020 S.R Completed (Y/N) Y
 Probe #: NA
 Sample/Batch ID: F09419, F09420
 Sample (12/40) #: 40
 Initials: VM

Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
F09419-MSDA	A	E	37	0.5146	Sediment(S)		Sample okay 9/30/2020
F09419-61	A	F	38	0.5087	S		
F09419-134K3	A	E	39	0.5011	Boiling checked		
F09419-84	A	F	1	0.5087	S		Dry 9/30/2020
F09419-85	A	F	2	0.5014	S		
F09419-86	A	F	3	0.5061	S		
F09419-87	A	F	4	0.5075	S		
F09419-88	A	F	5	0.5031	S		Dry 9/30/2020
F09419-89	A	F	6	0.5288	S		
F09419-90	A	F	7	0.5257	S		
F09419-91	A	F	8	0.5211	S		Dry 9/30/2020

Preparation Method:

Reagent	Vol. (mL)	LIMS #
HNO3	1	2001932
HCl	3	2002104
74749811	1	2002316
HCl	1.25	2001973

Pipette ID	Cal. Date
QW0782	9/28/2020
QU02746	10-7-2020
QU0347	10-7-2020

Spike	Vol. (µL)	LIMS #
16,000 ng/mL	50	2002218

Combined Spike ID: _____
 Combined Spike ID: _____
 Batches: _____
 Batches: _____
 Initials: VM

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	0100073-92	A	E	9	0.5157	Sediment(S)		
13	0100073-93	A	E	10	0.5214	S		Dg 9m 9.30.2020
14	0100073-94	A	E	11	0.5264	S		
15	0100073-95	A	E	12	0.5227	S		
16	0100073-96	A	E	13	0.5189	S		
17	0100073-97	A	E	14	0.5219	S		
18	0100073-98	A	E	15	0.5175	S		
19	0100073-99	A	E	16	0.5200	S		Dg 9m 9.30.2020
20	0100073-AA	A	E	17	0.5194	S		
21	0100073-AB	A	E	18	0.5200	S		
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

9m 10/1/2020

Initials:

Date: 9/30/2020 Microwave Digestions Microwave ID: MD7708
 1° Tech: ML 2° Tech: ML Spiked by: ML Spike Witness: ML Rack Time In/Out: 120/145 Rack Time In/Out: 120/145
 Batches: F009421, F009442, F009443, F009444 Boiling Chip LIMS ID# 200252 Balance #/Cal.: DN: 19 192020
 Carousel (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 50 ML 9.30.20 S.S.R Completed (Y/N) Y

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	OT00073-85	A	F1		0.5206	Sediment (S)		
2	OT00073-89	A	F2		0.5146	S		
3	OT00073-91	A	F3		0.5227	S		
4	OT00073-93	A	F4		0.5279	S		Dig 10/11/2020
5	OT00073-99	A	F5		0.5289	S		
6	OT00073-99	A	F6		0.5710	Beating Chops		
7	F009421-Blk2	A	F7		0.5284	BC		
8	F009421-Blk3	A	F8		0.5280	BC		MFS 10/11/20
9	F009421-Blk1	A	F9		0.5148	BC		MFS 10/11/20
10	F009421-Blk1	A	F10		0.5400	BC		MFS 10/11/20
11	OT00073-AC	A	F11		0.5271	S		

Initials:

	Spike	Vol. (µL)	LIMS #	Preparation Method:	
				Reagent	Vol. (mL)
A	THy 1,000 ng/mL	40	2001204	HNO ₃	1
B	THy 10,000 ng/mL	50	2001204	HCl	3
C				7474 soln	1
D				HCl	1.25
E					
F					
G					
H					

Cal. Date: 9/28/2020
 10-2-2020
 10-2-2020
 LIMS #: 2001982, 2001104, 2002314, 2001973
 Vol. (mL): 10.0, 10.0, 10.0
 Batches: ; Batches: ML 10-6-2020

Date: 10.1.2020 Microwave ID: MD7708
 1^o Tech.: Ym 2^o Tech.: Vm Spiked by: Mm Spike Witness: EM/No Rack F Time 10:10 Rack 1705 Time 10:16
 Batches: F009422, F009421 (Redos) Boiling Chip LIMS ID# 2002020 Balance #/Cal.? (Y/N): 23 / Y
 Carousel (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 50 / Ym / 10.1.2020 S.S.R Completed (Y/N) Y

#	Sample/Batch ID	Bottle	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	O100073-AY	901120						
2	O100073-AY	101120						
3	O100073-BE	A	F	19	0.5121	Sediment (S)		Sample Used
4	O100073-REBU	A	E	20	0.5051	S		
5	F009422-MS2	A	E	21	0.5001	S		Source is O100073-AYA Sample used
6	F009422-MS2	A	E	22	0.5035	S		
7	O100073-93	A	E	23	0.5210	S		Sample used
8	O100073-93	A	E	24	0.5728	S		
9								
10								
11								

VM 10-6-2020

Initials:

Preparation Method:		
Reagent	Vol. (mL)	LIMS #
HNO3	1	2001932
HCl	3	2002109
SEP PG 160		
VM 10-6-2020		

Pipette ID	Cal. Date
OUG7852	9/28/2020

Spike	Vol. (µL)	LIMS #
A TH ₂ 100000µL	50	2002278
B		
C		
D		
E		
F		
G		
H		

Combined Spike ID: _____ Batches: _____
 Combined Spike ID: _____ Batches: _____

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Prepared: 9/29/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009418-BLK1	Blank	0.5	200					
F009418-BLK2	Blank	0.5	200					
F009418-BLK3	Blank	0.5	200					
F009418-BLK4	Blank	0.5	200					E-01: RR BLK1@10x MFS 10/8/2020
F009418-BS1	LCS	0.5	200	2001204	40			
F009418-BS2	LCS	0.5	200	2001204	40			E: RR BS1@20x MFS 10/8/20
F009418-BSD1	LCS Dup	0.5	200	2001204	40			
F009418-BSD2	LCS Dup	0.5	200	2001204	40			E: RR BS1@20x MFS 10/8/20
F009418-MS1	Matrix Spike [0100073-42]	0.5074	200	2002298	50			
F009418-MS2	Matrix Spike [0100073-42]	0.5074	200	2002298	50			RR MS1@400x for confirmation MFS 10/8/2020
F009418-MSD1	Matrix Spike Dup [0100073-42]	0.5157	200	2002298	50			
F009418-MSD2	Matrix Spike Dup [0100073-42]	0.5157	200	2002298	50			RR MSD1@400x for confirmation MFS 10/8/2020

Standard ID(s)	Description:	Expiration:	Reagent ID(s)	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001974	50% Stannous Chloride Working solution	09-Feb-21 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 9/29/2020**

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-42	OR-T1-C1_091720_SED_003-05	0.5108	200	-	-	S&R		
0100073-43	PBR-28_0917_SED_00-01	0.5134	200	-	-	S&R		
0100073-45	W-17-N_091720_SED_01-03	0.5114	200	-	-	S&R		
0100073-47	OR-T1-C1_091720_SED_03-05_DUP	0.5098	200	-	-	S&R		
0100073-48	OV-01_091820_SED_00-01	0.5109	200	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	0.5032	200	-	-	S&R		
0100073-50	OV-01_091820_SED_03-05	0.5079	200	-	-	S&R		
0100073-51	PBR-28_091720_SED_00-01_DUP	0.5174	200	-	-	S&R		
0100073-53	PBR-28_091720_SED_01-03_DUP	0.519	200	-	-	S&R		
0100073-54	PBR-28_091720_SED_03-05	0.5163	200	-	-	S&R		
0100073-55	PBR-28_091720_SED_03-05_DUP	0.5066	200	-	-	S&R		
0100073-56	W-22-Mid_091820_SED_00-01	0.513	200	-	-	S&R		
0100073-57	W-22-Mid_091820_SED_01-03	0.5015	200	-	-	S&R		
0100073-58	W-22-Mid_091820_SED_03-05	0.5177	200	-	-	S&R		
0100073-59	MM-T2-C1_091820_SED_00-01	0.5043	200	-	-	S&R		
0100073-60	MM-T2-C1_091820_SED_01-03	0.5009	200	-	-	S&R		

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009419-BLK1	Blank	0.532	200					
F009419-BLK2	Blank	0.5004	200					
F009419-BLK3	Blank	0.5011	200					
F009419-BS1	LCS	0.5312	200	2001204	40			
F009419-BS2	LCS	0.5312	200	2001204	40			E: RR BS1 @20x MFS 10/8/20
F009419-BSD1	LCS Dup	0.568	200	2001204	40			
F009419-BSD2	LCS Dup	0.568	200	2001204	40			E-01: RR BSD1 @20x MFS 10/8/20
F009419-MS1	Matrix Spike [0100073-61]	0.502	200	2002298	50			
F009419-MS2	Matrix Spike [0100073-67]	0.5313	200	2002298	50			
F009419-MS3	Matrix Spike [0100073-61]	0.502	200	2002298	50			RR MS1 @400x for confirmation MFS 10/8/20
F009419-MS4	Matrix Spike [0100073-67]	0.5313	200	2002298	50			RR MS2 @400x for confirmation MFS 10/8/20
F009419-MSD1	Matrix Spike Dup [0100073-61]	0.5031	200	2002298	50			
F009419-MSD2	Matrix Spike Dup [0100073-67]	0.5121	200	2002298	50			
F009419-MSD3	Matrix Spike Dup [0100073-61]	0.5031	200	2002298	50			RR MSD1 @400x for confirmation MFS 10/8/20
F009419-MSD4	Matrix Spike Dup [0100073-67]	0.5121	200	2002298	50			RR MSD2 @400x for confirmation MFS 10/8/20

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, TraceMetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 9/30/2020**

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-61	MM-T2-C1_091820_SED_03-05	0.5087	200	-	-	S&R		
0100073-63	MM-T5-C1_091820_SED_00-01	0.5189	200	-	-	S&R		
0100073-64	MM-T5-C1_091820_SED_01-03	0.5168	200	-	-	S&R		
0100073-65	MM-T5-C1_091820_SED_03-05	0.5263	200	-	-	S&R		
0100073-66	OB-05_091820_SED_00-01	0.5097	200	-	-	S&R		
0100073-67	OB-05_091820_SED_01-03	0.5481	200	QC	-	S&R		
0100073-68	OB-05_091820_SED_03-05	0.5224	200	-	-	S&R		
0100073-69	W-17-Intertidal_091820_SED_00-01	0.512	200	-	-	S&R		
0100073-70	W-17-Intertidal_091820_SED_01-03	0.5206	200	-	-	S&R		
0100073-70RE1	W-17-Intertidal_091820_SED_01-03	0.5206	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-71	W-17-Intertidal_091820_SED_03-05	0.5097	200	-	-	S&R		
0100073-71RE1	W-17-Intertidal_091820_SED_03-05	0.5097	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-72	FF-08-02_091820-SED-00-01	0.5384	200	-	-	S&R		
0100073-72RE1	FF-08-02_091820-SED-00-01	0.5384	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-73	FF-08-02_091820-SED-00-01_DUP	0.5191	200	-	-	S&R		
0100073-73RE1	FF-08-02_091820-SED-00-01_DUP	0.5191	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-74	FF-08-02_091820-SED-01-03	0.5125	200	-	-	S&R		
0100073-74RE1	FF-08-02_091820-SED-01-03	0.5125	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-75	FF-08-02_091820-SED-01-03_DUP	0.5169	200	-	-	S&R		

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Prepared: 9/30/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

0100073-75RE1	FF-08-02_091820-SED-01-03_DUP	0.5169	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-76	FF-08-02_091820-SED-03-05	0.5078	200	-	-	S&R		
0100073-76RE1	FF-08-02_091820-SED-03-05	0.5078	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-77	FF-08-02_091820-SED-03-05_DUP	0.5004	200	-	-	S&R		
0100073-77RE1	FF-08-02_091820-SED-03-05_DUP	0.5004	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-78	W-17-Low_091820_SED_00-01	0.5022	200	-	-	S&R		
0100073-78RE1	W-17-Low_091820_SED_00-01	0.5022	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-79	W-17-Low_091820_SED_01-03	0.5089	200	-	-	S&R		
0100073-79RE1	W-17-Low_091820_SED_01-03	0.5089	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-80	W-17-Low_091820_SED_03-05	0.5143	200	-	-	S&R		
0100073-80RE1	W-17-Low_091820_SED_03-05	0.5143	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-81	W-61-Intertidal_091820_SED_00-01	0.5117	200	-	-	S&R		
0100073-81RE1	W-61-Intertidal_091820_SED_00-01	0.5117	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20



PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Prepared: 10/1/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009420-BLK1	Blank	0.5226	200					
F009420-BLK2	Blank	0.5417	200					
F009420-BLK3	Blank	0.507	200					
F009420-BS1	LCS	0.553	200	2001204	40			
F009420-BSD1	LCS Dup	0.513	200	2001204	40			
F009420-MS1	Matrix Spike [0100073-82]	0.5173	200	2002298	50			
F009420-MS2	Matrix Spike [0100073-83]	0.5084	200	2002298	50			
F009420-MSD1	Matrix Spike Dup [0100073-82]	0.503	200	2002298	50			
F009420-MSD2	Matrix Spike Dup [0100073-83]	0.5202	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-82	W-61-Intertidal_091820_SED_01-03	0.502	200	-	-	S&R		
0100073-83	W-61-Intertidal_091820_SED_03-05	0.5401	200	-	-	S&R		
0100073-84	E-01-01_091920_SED_00-01	0.5089	200	-	-	S&R		
0100073-85	E-01-01_091920_SED_00-01_DUP	0.5006	200	-	-	S&R		
0100073-86	E-01-01_091920_SED_01-03	0.5261	200	-	-	S&R		
0100073-87	E-01-01_091920_SED_01-03_DUP	0.5075	200	-	-	S&R		
0100073-88	E-01-01_091920_SED_03-05	0.5031	200	-	-	S&R		
0100073-89	E-01-01_091920_SED_03-05_DUP	0.5146	200	-	-	S&R		
0100073-90	E-01-03_091920-SED-00-01	0.5257	200	-	-	S&R		
0100073-91	E-01-03_091920-SED-01-03	0.5227	200	-	-	S&R		
0100073-92	E-01-03_091920-SED-03-05	0.5157	200	-	-	S&R		
0100073-93	SVE-01_091820_SED_00-01	0.5128	200	-	-	S&R		
0100073-94	SVE-01_091820_SED_01-03	0.5264	200	-	-	S&R		
0100073-95	SVE-01_091820_SED_03-05	0.5229	200	-	-	S&R		
0100073-96	CJ-04_092020_SED_00-01	0.5189	200	-	-	S&R		
0100073-97	CJ-04_092020_SED_01-03	0.5218	200	-	-	S&R		
0100073-98	E-01-04_091920_SED_00-01	0.5175	200	-	-	S&R		
0100073-99	E-01-04_091920_SED_01-03	0.5289	200	-	-	S&R		
0100073-AA	E-01-04_091920_SED_03-05	0.5194	200	-	-	S&R		

PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Prepared: 10/1/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

0100073-AB	ES-FP_091920_SED_00-01	0.52	200	-	-	S&R	
------------	------------------------	------	-----	---	---	-----	--





Frontier Global Sciences

THg26003-201006-1

Analysis Datasheet for Total Mercury

Date of Analysis: October 06, 2020

Instrument #: Hg2600-3

LIMS Sequence #: 0107014, 0107015, 0107016

Analyst: **MS**
Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	201.66 units	403.33	136.70 units	273.41	111.1 %Rec
SEQ-CAL2	1	1.00 ng/L	302.84 units	302.84	237.88 units	237.88	96.6 %Rec
SEQ-CAL3	1	5.00 ng/L	1295.89 units	259.18	1230.93 units	246.19	100.0 %Rec
SEQ-CAL4	1	20.00 ng/L	4790.01 units	239.50	4725.05 units	236.25	96.0 %Rec
SEQ-CAL5	1	40.00 ng/L	9549.26 units	238.73	9484.30 units	237.11	96.3 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 246.17 Corr. St Dev RF +/- 15.74 Corr. RSD CF 6.4% RSD Uncorr. Mean RF 288.72

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-TBL	3	64.96 units	±9.73	0.22 ng/L	±0.03

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	3	2.455 ng/L	±1.185
BLK	2	3	1.174 ng/L	±1.505
BLK	3	0	0.000 ng/L	
BLK	4	0	0.000 ng/L	
BLK	5	3	-2.236 ng/L	±2.388
BLK	6	3	0.240 ng/L	±0.270

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	10/6/2020 11:30:22	4835-1.RAW	11:30:22 AM	60.17			-4.9	-0.020	-0.020	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	10/6/2020 11:34:31	4836-1.RAW	11:34:31 AM	76.01			11.2	0.046	0.046	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	10/6/2020 11:38:39	4837-1.RAW	11:38:39 AM	58.70			-6.3	-0.025	-0.025	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	10/6/2020 11:42:48	4838-1.RAW	11:42:48 AM	201.68			136.7	0.555	0.555	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	10/6/2020 11:46:57	4839-1.RAW	11:46:57 AM	1285.89			237.9	0.966	0.966	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	10/6/2020 11:51:06	4840-1.RAW	11:51:06 AM	4790.01			1230.9	5.000	5.000	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	10/6/2020 11:55:14	4841-1.RAW	11:55:14 AM	9490.28			4725.1	19.195	19.195	ng/L	
Hg2600-3	00	CAL	SEQ-CAL5	1	10/6/2020 11:59:24	4842-1.RAW	11:59:24 AM	1417.57			38.528	38.528	38.528	ng/L	
Hg2600-3	00	CAL	SEQ-ICV1	1	10/6/2020 12:03:33	4843-1.RAW	12:03:33 PM	78.53			1352.6	5.495	5.495	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	10/6/2020 12:07:43	4844-1.RAW	12:07:43 PM	10280.16			13.6	0.055	0.055	ng/L	
Hg2600-3	00	SAM	F009418-BS1	10	10/6/2020 12:11:52	4845-1.RAW	12:11:52 PM	10593.65			10215.2	41.252	41.252	ng/L	F004818
Hg2600-3	00	SAM	F009418-BSD1	10	10/6/2020 12:16:01	4846-1.RAW	12:16:01 PM	128.83			42.525	42.525	42.525	ng/L	F004818
Hg2600-3	00	BLK	F009418-BLK1	10	10/6/2020 12:20:19	4847-1.RAW	12:20:19 PM	94.68			63.9	0.259	2.595	ng/L	F004818
Hg2600-3	00	BLK	F009418-BLK2	10	10/6/2020 12:24:19	4848-1.RAW	12:24:19 PM	152.69			29.7	0.121	1.207	ng/L	F004818
Hg2600-3	00	BLK	F009418-BLK3	10	10/6/2020 12:28:29	4849-1.RAW	12:28:29 PM	4516.42			87.7	0.356	3.564	ng/L	F004818
Hg2600-3	00	SAM	0100073-42	50	10/6/2020 12:32:38	4850-1.RAW	12:32:38 PM	3031.88			4451.5	18.094	901.701	ng/L	F004818
Hg2600-3	00	SAM	F009418-MS1	400	10/6/2020 12:36:47	4851-1.RAW	12:36:47 PM	3211.69			2966.9	12.046	4818.541	ng/L	F004818
Hg2600-3	00	SAM	F009418-MSD1	400	10/6/2020 12:40:56	4852-1.RAW	12:40:56 PM	3871.17			3146.7	12.777	5110.717	ng/L	F004818
Hg2600-3	00	SAM	0100073-45	50	10/6/2020 12:45:06	4853-1.RAW	12:45:06 PM	4333.44			3806.2	15.413	770.640	ng/L	F004818
Hg2600-3	00	CAL	SEQ-CCV1	1	10/6/2020 12:49:15	4854-1.RAW	12:49:15 PM	1370.85			4268.5	17.291	864.533	ng/L	F004818
Hg2600-3	00	CAL	SEQ-CCB1	1	10/6/2020 12:53:24	4855-1.RAW	12:53:24 PM	80.61			15.6	0.064	0.064	ng/L	
Hg2600-3	00	SAM	0100073-47	50	10/6/2020 13:01:43	4857-1.RAW	1:01:43 PM	4531.08			4466.1	18.094	904.677	ng/L	F004818
Hg2600-3	00	SAM	0100073-48	50	10/6/2020 13:05:52	4858-1.RAW	1:05:52 PM	281.38			168.3	0.635	31.725	ng/L	F004818
Hg2600-3	00	SAM	0100073-49	50	10/6/2020 13:10:02	4859-1.RAW	1:10:02 PM	276.52			196.4	0.749	37.441	ng/L	F004818
Hg2600-3	00	SAM	0100073-50	50	10/6/2020 13:14:11	4860-1.RAW	1:14:11 PM	4271.12			211.6	0.810	40.516	ng/L	F004818
Hg2600-3	00	SAM	0100073-51	50	10/6/2020 13:18:20	4861-1.RAW	1:18:20 PM	3363.07			4206.2	17.038	851.876	ng/L	F004818
Hg2600-3	00	SAM	0100073-53	50	10/6/2020 13:22:30	4862-1.RAW	1:22:30 PM	6488.21			6423.2	26.044	1302.198	ng/L	F004818
Hg2600-3	00	SAM	0100073-54	50	10/6/2020 13:26:39	4863-1.RAW	1:26:39 PM	5870.39			5805.4	23.594	1176.710	ng/L	F004818
Hg2600-3	00	SAM	0100073-55	50	10/6/2020 13:30:49	4864-1.RAW	1:30:49 PM	3522.54			3457.6	13.997	699.829	ng/L	F004818
Hg2600-3	00	SAM	0100073-56	50	10/6/2020 13:34:58	4865-1.RAW	1:34:58 PM	3826.09			3761.1	15.230	761.483	ng/L	F004818
Hg2600-3	00	CAL	SEQ-CCV2	1	10/6/2020 13:39:08	4866-1.RAW	1:39:08 PM	1393.49			1328.5	5.397	5.397	ng/L	
Hg2600-3	00	CAL	SEQ-CCB2	1	10/6/2020 13:43:17	4867-1.RAW	1:43:17 PM	78.14			13.2	0.054	0.054	ng/L	
Hg2600-3	00	SAM	0100073-58	50	10/6/2020 13:47:27	4868-1.RAW	1:47:27 PM	5486.51			5421.6	21.975	1098.740	ng/L	F004818
Hg2600-3	00	SAM	0100073-59	50	10/6/2020 13:51:36	4869-1.RAW	1:51:36 PM	1287.21			385.8	1.518	75.913	ng/L	F004818
Hg2600-3	00	SAM	0100073-60	50	10/6/2020 13:55:46	4870-1.RAW	1:55:46 PM	10361.26			1232.2	4.957	247.832	ng/L	F004818
Hg2600-3	00	SAM	0100073-61	50	10/6/2020 13:59:55	4871-1.RAW	1:59:55 PM	8966.81			10296.3	41.709	417.091	ng/L	F004819
Hg2600-3	00	SAM	F009419-BS1	10	10/6/2020 14:04:04	4872-1.RAW	2:04:04 PM	136.06			71.1	0.289	360.444	ng/L	F004819
Hg2600-3	00	SAM	F009419-BLK1	10	10/6/2020 14:08:14	4873-1.RAW	2:08:14 PM	78.89			13.9	0.057	0.566	ng/L	F004819
Hg2600-3	00	BLK	F009419-BLK2	10	10/6/2020 14:12:23	4874-1.RAW	2:12:23 PM	66.65			1.7	0.007	0.069	ng/L	F004819
Hg2600-3	00	BLK	F009419-BLK3	10	10/6/2020 14:16:33	4875-1.RAW	2:16:33 PM	1464.23			1399.3	5.661	283.037	ng/L	F004819
Hg2600-3	00	SAM	0100073-61	50	10/6/2020 14:20:42	4876-1.RAW	2:20:42 PM	3058.08			2993.1	12.156	4862.390	ng/L	F004819
Hg2600-3	00	SAM	0100073-62	50	10/6/2020 14:24:52	4877-1.RAW	2:24:52 PM	1385.51			1320.5	5.364	5.364	ng/L	
Hg2600-3	00	SAM	F009419-MS1	400	10/6/2020 14:29:01	4878-1.RAW	2:29:01 PM	70.42			5.5	0.022	0.022	ng/L	
Hg2600-3	00	CAL	SEQ-CCB3	1	10/6/2020 14:33:11	4879-1.RAW	2:33:11 PM	1786.85			1721.9	6.992	2796.749	ng/L	F004819
Hg2600-3	00	SAM	F009419-MSD1	400	10/6/2020 14:37:21	4880-1.RAW	2:37:21 PM	4368.04			4304.1	17.461	873.047	ng/L	F004819
Hg2600-3	00	SAM	0100073-67	50	10/6/2020 14:41:30	4881-1.RAW	2:41:30 PM	2799.55			11.106	11.106	4442.295	ng/L	F004819
Hg2600-3	00	SAM	F009419-MS2	400	10/6/2020 14:45:40	4882-1.RAW	2:45:40 PM	3145.96			12.513	12.513	5005.192	ng/L	F004819
Hg2600-3	00	SAM	F009419-MSD2	400	10/6/2020 14:49:50	4883-1.RAW	2:49:50 PM	2183.37			8.582	8.582	429.104	ng/L	F004819
Hg2600-3	00	SAM	0100073-63	50	10/6/2020 14:53:59	4884-1.RAW	2:53:59 PM	5560.21			5495.3	22.300	1114.991	ng/L	F004819
Hg2600-3	00	SAM	0100073-64	50	10/6/2020 14:58:09	4885-1.RAW	2:58:09 PM	3141.70			12.475	12.475	623.755	ng/L	F004819
Hg2600-3	00	SAM	0100073-65	50	10/6/2020 15:02:19	4886-1.RAW	3:02:19 PM	3141.70			15.458	15.458	772.883	ng/L	F004819
Hg2600-3	00	SAM	0100073-66	50	10/6/2020 15:06:28	4887-1.RAW	3:06:28 PM	3492.82			13.901	13.901	695.072	ng/L	F004819
Hg2600-3	00	SAM	0100073-68	50	10/6/2020 15:10:38	4888-1.RAW	3:10:38 PM	1445.95			1380.4	5.608	5.608	ng/L	
Hg2600-3	00	SAM	0100073-69	50	10/6/2020 15:14:47	4889-1.RAW	3:14:47 PM							ng/L	
Hg2600-3	00	SAM	0100073-69	50	10/6/2020 15:18:57	4890-1.RAW	3:18:57 PM							ng/L	
Hg2600-3	00	CAL	SEQ-CCV4	1	10/6/2020 15:23:07	4891-1.RAW	3:23:07 PM							ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RSP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-CCB4	1	10/6/2020 15:27:16	4882-1.RAW	3:27:16 PM	75.76			10.8	0.044	0.044	ng/L	
Hg2600-3	00	SAM	0100073-70	50	10/6/2020 15:31:26	4883-1.RAW	3:31:26 PM	3745.92	2		3679.0	14.921	746.075	ng/L	F004819
Hg2600-3	00	SAM	0100073-71	50	10/6/2020 15:35:36	4884-1.RAW	3:35:36 PM	5477.14	2		5477.14	21.962	1098.118	ng/L	F004819
Hg2600-3	00	SAM	0100073-72	50	10/6/2020 15:39:45	4885-1.RAW	3:39:45 PM	3022.16	2		2957.2	11.990	599.475	ng/L	F004819
Hg2600-3	00	SAM	0100073-73	50	10/6/2020 15:43:55	4886-1.RAW	3:43:55 PM	2840.29	2		2775.3	11.251	562.536	ng/L	F004819
Hg2600-3	00	SAM	0100073-74	50	10/6/2020 15:48:05	4887-1.RAW	3:48:05 PM	3465.84	2		3398.9	13.784	689.188	ng/L	F004819
Hg2600-3	00	SAM	0100073-75	50	10/6/2020 15:52:14	4888-1.RAW	3:52:14 PM	3604.64	2		3539.7	14.356	717.786	ng/L	F004819
Hg2600-3	00	SAM	0100073-76	50	10/6/2020 15:56:24	4889-1.RAW	3:56:24 PM	4098.55	2		4034.6	16.366	818.308	ng/L	F004819
Hg2600-3	00	SAM	0100073-77	50	10/6/2020 16:00:34	4900-1.RAW	4:00:34 PM	3610.55	2		3445.6	13.973	698.674	ng/L	F004819
Hg2600-3	00	SAM	0100073-78	50	10/6/2020 16:04:45	4901-1.RAW	4:04:45 PM	5111.09	2		5046.1	20.475	1023.767	ng/L	F004819
Hg2600-3	00	SAM	0100073-79	50	10/6/2020 16:08:55	4902-1.RAW	4:08:55 PM	3976.9169	2		3911.4	15.866	793.294	ng/L	F004819
Hg2600-3	00	CAL	SEQ-CCV5	1	10/6/2020 16:13:04	4903-1.RAW	4:13:04 PM	1720.45			1655.5	6.725	6.725	ng/L	
Hg2600-3	00	CAL	SEQ-CCB5	1	10/6/2020 16:17:14	4904-1.RAW	4:17:14 PM	79.96			15.0	0.061	0.061	ng/L	
Hg2600-3	00	SAM	0100073-80	50	10/6/2020 16:21:24	4905-1.RAW	4:21:24 PM	6330.07	2		6265.1	25.427	1271.359	ng/L	F004819
Hg2600-3	00	SAM	0100073-81	50	10/6/2020 16:25:34	4906-1.RAW	4:25:34 PM	3370.05	2		3305.1	13.403	670.136	ng/L	F004819
Hg2600-3	00	SAM	0100047-65R2Z	1000	10/6/2020 16:29:44	4907-1.RAW	4:29:44 PM	3469.59	3		3405.0	13.832	19382.063	ng/L	F009384
Hg2600-3	00	SAM	F009384-MSA	1000	10/6/2020 16:33:54	4908-1.RAW	4:33:54 PM	4837.66	3		4772.7	19.388	19388.088	ng/L	F009384
Hg2600-3	00	SAM	F009384-MSD4	1000	10/6/2020 16:38:05	4909-1.RAW	4:38:05 PM	4851.44	3		4786.5	19.444	19444.045	ng/L	F009384
Hg2600-3	00	SAM	0100078-08RE1	20	10/6/2020 16:42:14	4910-1.RAW	4:42:14 PM	3050.39	4		2985.4	12.128	242.553	ng/L	F009413
Hg2600-3	00	SAM	0100078-09RE1	20	10/6/2020 16:46:24	4911-1.RAW	4:46:24 PM	1745.26	4		1680.3	6.826	136.517	ng/L	F009413
Hg2600-3	00	SAM	0100078-10RE1	20	10/6/2020 16:50:34	4912-1.RAW	4:50:34 PM	1986.30	4		1921.3	7.805	156.100	ng/L	F009413
Hg2600-3	00	SAM	0100078-11RE1	20	10/6/2020 16:54:44	4913-1.RAW	4:54:44 PM	2911.62	4		2846.7	11.564	231.279	ng/L	F009413
Hg2600-3	00	SAM	0100078-12RE1	20	10/6/2020 16:58:54	4914-1.RAW	4:58:54 PM	3378.96	4		3314.0	13.462	269.248	ng/L	F009413
Hg2600-3	00	CAL	SEQ-CCV6	1	10/6/2020 17:03:04	4915-1.RAW	5:03:04 PM	1425.72			1360.8	5.528	5.528	ng/L	
Hg2600-3	00	CAL	SEQ-CCB6	1	10/6/2020 17:07:14	4916-1.RAW	5:07:14 PM	69.71			4.7	0.019	0.019	ng/L	
Hg2600-3	00	SAM	F010335-B51	400	10/6/2020 17:11:24	4917-1.RAW	5:11:24 PM	1345.19	5		1280.2	5.206	2082.500	ng/L	F010335
Hg2600-3	00	SAM	F010335-B5D1	400	10/6/2020 17:15:33	4918-1.RAW	5:15:33 PM	1380.43	5		1315.5	5.949	2139.764	ng/L	F010335
Hg2600-3	00	BLK	F010335-BLK1	100	10/6/2020 17:19:43	4919-1.RAW	5:19:43 PM	66.23	5		1.3	0.005	0.515	ng/L	F010335
Hg2600-3	00	BLK	F010335-BLK2	100	10/6/2020 17:23:53	4920-1.RAW	5:23:53 PM	56.50	5		-8.5	-0.034	-3.439	ng/L	F010335
Hg2600-3	00	BLK	F010335-BLK3	100	10/6/2020 17:28:03	4921-1.RAW	5:28:03 PM	55.65	5		-9.3	-0.038	-3.784	ng/L	F010335
Hg2600-3	00	SAM	0100112-01	100	10/6/2020 17:32:13	4922-1.RAW	5:32:13 PM	730.05	5		665.1	2.724	272.413	ng/L	F010335
Hg2600-3	00	SAM	0100112-02	100	10/6/2020 17:36:23	4923-1.RAW	5:36:23 PM	806.32	5		741.4	3.034	303.397	ng/L	F010335
Hg2600-3	00	SAM	0100112-03	100	10/6/2020 17:40:33	4924-1.RAW	5:40:33 PM	512.51	5		447.6	1.840	184.044	ng/L	F010335
Hg2600-3	00	SAM	0100112-04	100	10/6/2020 17:44:43	4925-1.RAW	5:44:43 PM	561.01	5		496.1	2.037	203.747	ng/L	F010335
Hg2600-3	00	SAM	0100112-06	100	10/6/2020 17:48:53	4926-1.RAW	5:48:53 PM	620.36	5		555.4	2.279	227.857	ng/L	F010335
Hg2600-3	00	CAL	SEQ-CCV7	1	10/6/2020 17:53:02	4927-1.RAW	5:53:02 PM	1355.04			1290.1	5.241	5.241	ng/L	
Hg2600-3	00	CAL	SEQ-CCB7	1	10/6/2020 17:57:12	4928-1.RAW	5:57:12 PM	52.08			-12.9	-0.052	-0.052	ng/L	
Hg2600-3	00	SAM	F009420-B51	20	10/6/2020 18:01:22	4929-1.RAW	6:01:22 PM	3858.12	6		3793.2	15.397	307.938	ng/L	F009420
Hg2600-3	00	SAM	F009420-B5D1	20	10/6/2020 18:05:33	4930-1.RAW	6:05:33 PM	4286.35	6		4221.4	17.136	342.730	ng/L	F009420
Hg2600-3	00	BLK	F009420-BLK1	10	10/6/2020 18:09:44	4931-1.RAW	6:09:44 PM	77.89	6		12.9	0.053	0.525	ng/L	F009420
Hg2600-3	00	BLK	F009420-BLK2	10	10/6/2020 18:13:54	4932-1.RAW	6:13:54 PM	70.06	6		5.1	0.021	0.207	ng/L	F009420
Hg2600-3	00	BLK	F009420-BLK3	10	10/6/2020 18:18:04	4933-1.RAW	6:18:04 PM	64.65	6		-0.3	-0.001	-0.013	ng/L	F009420
Hg2600-3	00	SAM	0100073-82	50	10/6/2020 18:22:15	4934-1.RAW	6:22:15 PM	3706.22	6		3641.3	14.787	739.352	ng/L	F009420
Hg2600-3	00	SAM	F009420-MS1	400	10/6/2020 18:26:25	4935-1.RAW	6:26:25 PM	2169.25	6		2104.3	8.548	3419.054	ng/L	F009420
Hg2600-3	00	SAM	F009420-MSD1	400	10/6/2020 18:30:36	4936-1.RAW	6:30:36 PM	1931.96	6		1867.0	7.584	3033.483	ng/L	F009420
Hg2600-3	00	SAM	0100073-83	50	10/6/2020 18:34:47	4937-1.RAW	6:34:47 PM	6016.98	6		5952.0	24.174	1208.701	ng/L	F009420
Hg2600-3	00	SAM	F009420-MS2	400	10/6/2020 18:38:57	4938-1.RAW	6:38:57 PM	2205.0	6		2205.0	8.957	3582.695	ng/L	F009420
Hg2600-3	00	CAL	SEQ-CCB8	1	10/6/2020 18:43:08	4939-1.RAW	6:43:08 PM	1358.84			1293.9	5.256	5.256	ng/L	
Hg2600-3	00	CAL	SEQ-CCV8	1	10/6/2020 18:47:18	4940-1.RAW	6:47:18 PM	56.29			-8.7	-0.035	-0.035	ng/L	
Hg2600-3	00	SAM	F009420-MSD2	400	10/6/2020 18:51:28	4941-1.RAW	6:51:28 PM	2367.83	6		2302.9	9.354	3741.721	ng/L	F009420
Hg2600-3	00	SAM	0100073-84	50	10/6/2020 18:55:39	4942-1.RAW	6:55:39 PM	1618.65	6		1553.7	6.307	315.337	ng/L	F009420
Hg2600-3	00	SAM	0100073-85	50	10/6/2020 18:59:50	4943-1.RAW	6:59:50 PM	2785.90	6		2720.9	11.048	552.422	ng/L	F009420
Hg2600-3	00	SAM	0100073-86	50	10/6/2020 19:04:00	4944-1.RAW	7:04:00 PM	2055.38	6		1990.4	8.881	444.069	ng/L	F009420
Hg2600-3	00	SAM	0100073-87	50	10/6/2020 19:08:10	4945-1.RAW	7:08:10 PM	2252.44	6		2187.5	8.881	404.042	ng/L	F009420
Hg2600-3	00	SAM	0100073-88	50	10/6/2020 19:12:20	4946-1.RAW	7:12:20 PM	2713.29	6		2648.3	10.753	537.673	ng/L	F009420
Hg2600-3	00	SAM	0100073-89	50	10/6/2020 19:16:30	4947-1.RAW	7:16:30 PM	1694.35	6		1629.4	6.614	330.713	ng/L	F009420
Hg2600-3	00	SAM	0100073-90	50	10/6/2020 19:20:41	4948-1.RAW	7:20:41 PM	1727.85	6		1662.9	6.750	337.517	ng/L	F009420
Hg2600-3	00	SAM	0100073-91	50	10/6/2020 19:24:51	4949-1.RAW	7:24:51 PM	2442.05	6		2377.1	9.652	482.581	ng/L	F009420
Hg2600-3	00	SAM	0100073-92	50	10/6/2020 19:29:01	4950-1.RAW	7:29:01 PM	5112.46	6		5047.5	20.500	1024.980	ng/L	F009420
Hg2600-3	00	CAL	SEQ-CCV9	1	10/6/2020 19:33:12	4951-1.RAW	7:33:12 PM	1389.58			1324.6	5.381	5.381	ng/L	
Hg2600-3	00	CAL	SEQ-CCB9	1	10/6/2020 19:37:22	4952-1.RAW	7:37:22 PM	62.81			-2.1	-0.009	-0.009	ng/L	
Hg2600-3	00	SAM	0100073-94	50	10/6/2020 19:41:32	4953-1.RAW	7:41:32 PM	4408.36	6		4343.4	17.639	881.966	ng/L	F009420
Hg2600-3	00	SAM	0100073-95	50	10/6/2020 19:45:43	4954-1.RAW	7:45:43 PM	3670.52	6		3605.6	14.642	732.100	ng/L	F009420
Hg2600-3	00	SAM	0100073-96	50	10/6/2020 19:49:53	4955-1.RAW	7:49:53 PM	2067.21	6		2002.2	8.129	406.445	ng/L	F009420
Hg2600-3	00	SAM	0100073-97	50											

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	SAM	0100073-98	50	10/6/2020 19:58:14	4957-1.RAW	7:58:14 PM	1619.53	6		1554.6	6.310	315.514	ng/L	F009420
Hg2600-3	00	SAM	0100073-99	50	10/6/2020 20:02:24	4958-1.RAW	8:02:24 PM	1181.28	6		1116.3	4.530	226.501	ng/L	F009420
Hg2600-3	00	SAM	0100073-AA	50	10/6/2020 20:06:35	4959-1.RAW	8:06:35 PM	745.58	6		680.6	2.760	138.003	ng/L	F009420
Hg2600-3	00	SAM	0100073-AB	50	10/6/2020 20:10:45	4960-1.RAW	8:10:45 PM	2297.73	6		2232.8	9.065	453.267	ng/L	F009420
Hg2600-3	00	CAL	SEQ-CCVA	1	10/6/2020 20:14:55	4961-1.RAW	8:14:55 PM	1324.43			1259.5	5.116	5.116	ng/L	
Hg2600-3	00	CAL	SEQ-CCBA	1	10/6/2020 20:19:06	4962-1.RAW	8:19:06 PM	63.21			-1.8	-0.007	-0.007	ng/L	

P71

SampleID	Operator	MFS	BlankSi	CalibFa	64.96	Calib Eqn:	Conc =	(Area-64.96	Run Date:	10/16/2020	Blank SD:	9.730961601	RunEnd	Peak (Raw)	Control (ref)	Flags	RunCount
Method	Thg2601	CalibFa	246.17	Status:	QC Warnings:	7/QC E	Run Time:	11:02:38	Blank RSD%:	14.97981523	CF SD:	15.74042944	RunEnd	Peak (Raw)	Control (ref)	Flags	RunCount
Descript	THg26003-201006-1	R:	1	R ² :	1	R ² :	1		CF RSD%:	6.394214281			RunEnd	Peak (Raw)	Control (ref)	Flags	RunCount
Lab	THg	Dilute	Blank	Conc (ppb)	MFB%	FinalConc	Rec%	QA	Rec%	FinalConc	Rec%	QA	Rec%	Peak (Raw)	Control (ref)	Flags	RunCount
Clean				0.00	4.86								11:05:30	1195.41	Clean	OK	1
WS				64.96	0.00								11:09:39	22.24	Sample	OK	1
WS				64.96	0.00								11:13:47	19.77	Sample	OK	1
WS				64.96	0.00								11:17:56	20.52	Sample	OK	1
WS				64.96	0.00								11:22:04	43.93	Sample	OK	1
WS				64.96	0.00								11:26:13	45.99	Sample	OK	1
SEQ-IBL1	A1	1		0.00	0.24								11:30:22	60.01	Sample	OK	1
SEQ-IBL2	A2	1		0.00	0.31								11:34:31	76.17	Sample	OK	1
SEQ-IBL3	A3	1		0.00	0.24								11:38:39	58.70	Sample	OK	1
SEQ-CAL1	A4	1		64.96	0.56	111.07							11:42:48	201.66	Sample	OK	1
SEQ-CAL2	A5	1		64.96	0.97	96.63							11:46:57	302.84	Sample	OK	1
SEQ-CAL3	A6	1		64.96	5.00	100.01							11:51:06	1295.89	Sample	OK	1
SEQ-CAL4	A7	1		64.96	19.19	95.97							11:55:14	4790.01	Sample	OK	1
SEQ-CAL5	A8	1		64.96	38.53	96.32							11:59:24	9549.26	Sample	OK	1
SEQ-ICV1	A9	1		64.96	5.49	109.89							12:03:33	1417.57	Sample	OK	1
SEQ-ICB1	A10	1		64.96	0.06	0.00							12:07:43	78.53	Sample	OK	1
F009418-BS1	A11	10		64.96	414.97								12:11:52	10280.16	Sample	OK	1
F009418-BSD1	A12	10		64.96	427.71								12:16:01	10593.65	Sample	OK	1
F009418-BLK1	A13	10		64.96	2.59								12:20:10	128.63	Sample	OK	1
F009418-BLK2	A14	10		64.96	1.21								12:24:19	94.66	Sample	OK	1
F009418-BLK3	A15	10		64.96	3.56								12:28:29	152.69	Sample	OK	1
0100073-42	A16	50		64.96	904.16								12:32:36	4516.42	Sample	OK	1
F009418-MS1	A17	400		64.96	4821.00	532.61							12:36:47	3031.88	Sample	OK	1
F009418-MSD1	A18	400		64.96	5113.17								12:40:56	3211.69	Sample	OK	1
0100073-43	A19	50		64.96	773.10								12:45:06	3671.17	Sample	OK	1
0100073-45	A20	50		64.96	866.99								12:49:15	4333.44	Sample	OK	1
SEQ-CCV1	A21	1		64.96	5.30	106.10							12:53:24	1370.85	Sample	OK	1
SEQ-CCB1	B1	1		64.96	0.06	0.00							12:57:34	80.61	Sample	OK	1
0100073-47	B2	50		64.96	907.13								13:01:43	4531.08	Sample	OK	1
0100073-48	B3	50		64.96	34.18								13:05:52	233.24	Sample	OK	1
0100073-49	B4	50		64.96	39.90								13:10:02	261.38	Sample	OK	1
0100073-50	B5	50		64.96	42.97								13:14:11	276.52	Sample	OK	1
0100073-51	B6	50		64.96	669.69								13:18:20	3363.07	Sample	OK	1
0100073-53	B7	50		64.96	854.33								13:22:30	4271.12	Sample	OK	1
0100073-54	B8	50		64.96	1304.65								13:26:39	6486.21	Sample	OK	1
0100073-55	B9	50		64.96	1179.17								13:30:49	5870.39	Sample	OK	1
0100073-56	B10	50		64.96	702.28								13:34:58	3522.54	Sample	OK	1
0100073-57	B11	50		64.96	763.94								13:39:08	3826.09	Sample	OK	1
SEQ-CCV2	B12	1		64.96	5.40	107.94							13:43:17	1393.49	Sample	OK	1
SEQ-CCB2	B13	1		64.96	0.05	0.00							13:47:27	78.14	Sample	OK	1
0100073-58	B14	50		64.96	1101.19								13:51:36	5486.51	Sample	OK	1
0100073-59	B15	50		64.96	78.37								13:55:46	450.79	Sample	OK	1
0100073-60	B16	50		64.96	250.29								13:59:55	1297.21	Sample	OK	1
F009419-BS1	B17	10		64.96	418.27								14:04:04	10361.26	Sample	OK	1
F009419-BSD1	B18	10		64.96	361.62								14:08:14	8966.81	Sample	OK	1
F009419-BLK1	B19	10		64.96	2.89								14:12:23	136.06	Sample	OK	1

P.2

F009419-BLK2	B20	10	64.96	0.57	4875-1.RAW	14:16:33	78.89	Sample	OK	1	F004819
F009419-BLK3	B21	10	64.96	0.07	4876-1.RAW	14:20:42	66.65	Sample	OK	1	F004819
0100073-61	C1	50	64.96	284.21	4877-1.RAW	14:24:52	1464.23		OK	1	F004819
F009419-MS1	C2	400	64.96	4863.56	4878-1.RAW	14:29:01	3058.08	Sample	OK	1	F004819
SEQ-CCV3	C3	1	64.96	5.36	4879-1.RAW	14:33:11	1385.51	Sample	OK	1	F004819
SEQ-CCB3	C4	1	64.96	0.02	4880-1.RAW	14:37:21	70.42	Sample	OK	1	F004819
F009419-MSD1	C5	400	64.96	2797.92	4881-1.RAW	14:41:30	1786.85	Sample	OK	1	F004819
0100073-67	C6	50	64.96	874.22	4882-1.RAW	14:45:40	4369.04	Sample	OK	1	F004819
F009419-MS2	C7	400	64.96	4443.47	4883-1.RAW	14:49:50	2799.55	Sample	OK	1	F004819
F009419-MSD2	C8	400	64.96	5006.37	4884-1.RAW	14:53:59	3145.96	Sample	OK	1	F004819
0100073-63	C9	50	64.96	430.28	4885-1.RAW	14:58:09	2183.37	Sample	OK	1	F004819
0100073-64	C10	50	64.96	627.92	4886-1.RAW	15:02:19	3156.40	Sample	OK	1	F004819
0100073-65	C11	50	64.96	1116.16	4887-1.RAW	15:06:28	5560.21	Sample	OK	1	F004819
0100073-66	C12	50	64.96	624.93	4888-1.RAW	15:10:38	3141.70	Sample	OK	1	F004819
0100073-66	C13	50	64.96	774.06	4889-1.RAW	15:14:47	3875.90	Sample	OK	1	F004819
0100073-69	C14	50	64.96	696.25	4890-1.RAW	15:18:57	3492.82	Sample	OK	1	F004819
SEQ-CCV4	C15	1	64.96	5.61	4891-1.RAW	15:23:07	1445.35	Sample	OK	1	F004819
SEQ-CCB4	C16	1	64.96	0.04	4892-1.RAW	15:27:16	75.76	Sample	OK	1	F004819
0100073-70	C17	50	64.96	747.25	4893-1.RAW	15:31:26	3743.92	Sample	OK	1	F004819
0100073-71	C18	50	64.96	1099.29	4894-1.RAW	15:35:36	5477.14	Sample	OK	1	F004819
0100073-72	C19	50	64.96	600.65	4895-1.RAW	15:39:45	3022.16	Sample	OK	1	F004819
0100073-73	C20	50	64.96	563.71	4896-1.RAW	15:43:55	2840.29	Sample	OK	1	F004819
0100073-74	C21	50	64.96	690.36	4897-1.RAW	15:48:05	3463.84	Sample	OK	1	F004819
0100073-75	A1	50	64.96	718.96	4898-1.RAW	15:52:14	3604.64	Sample	OK	1	F004819
0100073-76	A2	50	64.96	819.48	4899-1.RAW	15:56:24	4089.55	Sample	OK	1	F004819
0100073-77	A3	50	64.96	699.85	4900-1.RAW	16:00:34	3510.55	Sample	OK	1	F004819
0100073-78	A4	50	64.96	1024.94	4901-1.RAW	16:04:45	5111.09	Sample	OK	1	F004819
0100073-79	A5	50	64.96	794.47	4902-1.RAW	16:08:55	3976.39	Sample	OK	1	F004819
SEQ-CCV5	A6	1	64.96	6.73	4903-1.RAW	16:13:04	1720.45	Sample	OK	1	F004819
SEQ-CCB5	A7	1	64.96	0.06	4904-1.RAW	16:17:14	79.96	Sample	OK	1	F004819
0100073-80	A8	50	64.96	1272.53	4905-1.RAW	16:21:24	6330.07	Sample	OK	1	F004819
0100073-81	A9	50	64.96	671.31	4906-1.RAW	16:25:34	3370.05	Sample	OK	1	F004819
F009419-MS4	A10	1000	64.96	13832.06	4907-1.RAW	16:29:44	3469.95	Sample	OK	1	F009384
F009384-MSD4	A11	1000	64.96	19388.09	4908-1.RAW	16:33:54	4837.66	Sample	OK	1	F009384
0100073-85-RES-MS4	A12	1000	64.96	19444.04	4909-1.RAW	16:38:05	4851.44	Sample	OK	1	F009384
0100078-08RE1	A13	20	64.96	242.55	4910-1.RAW	16:42:14	3050.39	Sample	OK	1	F009413
0100078-09RE1	A14	20	64.96	136.52	4911-1.RAW	16:46:24	1745.26	Sample	OK	1	F009413
0100078-10RE1	A15	20	64.96	156.10	4912-1.RAW	16:50:34	1986.30	Sample	OK	1	F009413
0100078-11RE1	A16	20	64.96	231.28	4913-1.RAW	16:54:44	2911.62	Sample	OK	1	F009413
0100078-22RE1	A17	20	64.96	269.25	4914-1.RAW	16:58:54	3378.96	Sample	OK	1	F009413
SEQ-CCV6	A18	1	64.96	5.53	4915-1.RAW	17:03:04	1425.72	Sample	OK	1	F009413
SEQ-CCB6	A19	1	64.96	0.02	4916-1.RAW	17:07:14	69.71	Sample	OK	1	F010335
F010335-BS1	A20	400	64.96	2080.26	4917-1.RAW	17:11:24	1345.19	Sample	OK	1	F010335
F010335-BSD1	A21	400	64.96	2137.53	4918-1.RAW	17:15:33	1380.43	Sample	OK	1	F010335
F010335-BLK1	B1	100	64.96	0.51	4919-1.RAW	17:19:43	66.23	Sample	OK	1	F010335
F010335-BLK2	B2	100	64.96	0.00	4920-1.RAW	17:23:53	56.50	Sample	OK	1	F010335
F010335-BLK3	B3	100	64.96	0.00	4921-1.RAW	17:28:03	55.65	Sample	OK	1	F010335
0100112-01	B4	100	64.96	270.18	4922-1.RAW	17:32:13	730.05	Sample	OK	1	F010335
0100112-02	B5	100	64.96	301.16	4923-1.RAW	17:36:23	806.32	Sample	OK	1	F010335
0100112-03	B6	100	64.96	181.81	4924-1.RAW	17:40:33	512.51	Sample	OK	1	F010335
0100112-04	B7	100	64.96	201.51	4925-1.RAW	17:44:43	561.01	Sample	OK	1	F010335

65000471-6
9354-MS4
9354-MS4
MS4 WH120

Pg 3

0100112-06	B6	100	64.96	225.62		4926-1.RAW	17:48:53	620.36	Sample	OK	1	F010335
SEQ-CCV7	B9	1	64.96	5.24	104.81	4927-1.RAW	17:53:02	1355.04	Sample	OK	1	
SEQ-CCB7	B10	1	64.96	0.00	0.00	4928-1.RAW	17:57:12	52.08	Sample	OK	1	
F009420-BS1	B11	20	64.96	308.18		4929-1.RAW	18:01:22	3858.12	Sample	OK	1	F009420
F009420-BSD1	B12	20	64.96	342.97		4930-1.RAW	18:05:33	4286.35	Sample	OK	1	F009420
F009420-BLK1	B13	10	64.96	0.53		4931-1.RAW	18:09:44	77.89	Sample	OK	1	F009420
F009420-BLK2	B14	10	64.96	0.21		4932-1.RAW	18:13:54	70.06	Sample	OK	1	F009420
F009420-BLK3	B15	10	64.96	0.00		4933-1.RAW	18:18:04	64.65	Sample	OK	1	F009420
0100073-82	B16	50	64.96	739.59		4934-1.RAW	18:22:15	3706.22	Sample	OK	1	F009420
F009420-MS1	B17	400	64.96	3419.29	341929.44	4935-1.RAW	18:26:25	2169.25	Sample	OK	1	F009420
F009420-MSD1	B18	400	64.96	3033.72		4936-1.RAW	18:30:36	1931.96	Sample	OK	1	F009420
0100073-83	B19	50	64.96	1208.94		4937-1.RAW	18:34:47	6016.98	Sample	OK	1	F009420
F009420-MS2	B20	400	64.96	3582.94	179146.76	4938-1.RAW	18:38:57	2269.96	Sample	OK	1	F009420
SEQ-CCV8	B21	1	64.96	5.26	105.12	4939-1.RAW	18:43:08	1358.84	Sample	OK	1	F009420
SEQ-CCB8	C1	1	64.96	0.00	0.00	4940-1.RAW	18:47:18	56.29	Sample	OK	1	
F009420-MSD2	C2	400	64.96	3741.96		4941-1.RAW	18:51:29	2367.83	Sample	OK	1	F009420
0100073-84	C3	50	64.96	315.58		4942-1.RAW	18:55:39	1618.65	Sample	OK	1	F009420
0100073-85	C4	50	64.96	552.66		4943-1.RAW	18:59:50	2785.90	Sample	OK	1	F009420
0100073-86	C5	50	64.96	404.28		4944-1.RAW	19:04:00	2055.38	Sample	OK	1	F009420
0100073-87	C6	50	64.96	444.31		4945-1.RAW	19:08:10	2252.44	Sample	OK	1	F009420
0100073-88	C7	50	64.96	537.91		4946-1.RAW	19:12:20	2713.29	Sample	OK	1	F009420
0100073-89	C8	50	64.96	330.95		4947-1.RAW	19:16:30	1694.35	Sample	OK	1	F009420
0100073-90	C9	50	64.96	337.76		4948-1.RAW	19:20:41	1727.85	Sample	OK	1	F009420
0100073-91	C10	50	64.96	482.82		4949-1.RAW	19:24:51	2442.05	Sample	OK	1	F009420
0100073-92	C11	50	64.96	1025.22		4950-1.RAW	19:29:01	5112.46	Sample	OK	1	F009420
SEQ-CCV9	C12	1	64.96	5.38	107.62	4951-1.RAW	19:33:12	1389.58	Sample	OK	1	F009420
SEQ-CCB9	C13	1	64.96	0.00	0.00	4952-1.RAW	19:37:22	62.81	Sample	OK	1	
0100073-94	C14	50	64.96	882.21		4953-1.RAW	19:41:32	4406.36	Sample	OK	1	F009420
0100073-95	C15	50	64.96	732.34		4954-1.RAW	19:45:43	3670.52	Sample	OK	1	F009420
0100073-96	C16	50	64.96	406.68		4955-1.RAW	19:49:53	2067.21	Sample	OK	1	F009420
0100073-97	C17	50	64.96	516.27		4956-1.RAW	19:54:03	2606.74	Sample	OK	1	F009420
0100073-98	C18	50	64.96	315.75		4957-1.RAW	19:58:14	1619.53	Sample	OK	1	F009420
0100073-99	C19	50	64.96	226.74		4958-1.RAW	20:02:24	1181.28	Sample	OK	1	F009420
0100073-AA	C20	50	64.96	138.24		4959-1.RAW	20:06:35	745.58	Sample	OK	1	F009420
0100073-AB	C21	50	64.96	453.51		4960-1.RAW	20:10:45	2297.73	Sample	OK	1	F009420
SEQ-CCVA	A1	1	64.96	5.12		4961-1.RAW	20:14:55	1324.43	Sample	OK	1	
SEQ-CCBA	A2	1	64.96	0.00		4962-1.RAW	20:19:06	63.21	Sample	OK	1	

SEQ-IBL1	A1	0100073-57	B11	0100073-74	C21	SEQ-CCB7	B10
SEQ-IBL2	A2	SEQ-CCV2	B12	0100073-75	A1	F009420-BS1	B11
SEQ-IBL3	A3	SEQ-CCB2	B13	0100073-76	A2	F009420-BSD1	B12
SEQ-CAL1	A4	0100073-58	B14	0100073-77	A3	F009420-BLK1	B13
SEQ-CAL2	A5	0100073-59	B15	0100073-78	A4	F009420-BLK2	B14
SEQ-CAL3	A6	0100073-60	B16	0100073-79	A5	F009420-BLK3	B15
SEQ-CAL4	A7	F009419-BS1	B17	SEQ-CCV5	A6	0100073-82	B16
SEQ-CAL5	A8	F009419-BSD1	B18	SEQ-CCB5	A7	F009420-MS1	B17
SEQ-ICV1	A9	F009419-BLK1	B19	0100073-80	A8	F009420-MSD1	B18
SEQ-ICB1	A10	F009419-BLK2	B20	0100073-81	A9	0100073-83	B19
F009418-BS1	A11	F009419-BLK3	B21	F009384-MS4	A10	F009420-MS2	B20
F009418-BSD1	A12	0100073-61	C1	F009384-MSD4	A11	SEQ-CCV8	B21
F009418-BLK1	A13	F009419-MS1	C2	0100047-65RE2	A12	SEQ-CCB8	C1
F009418-BLK2	A14	SEQ-CCV3	C3	0100078-08RE1	A13	F009420-MSD2	C2
F009418-BLK3	A15	SEQ-CCB3	C4	0100078-09RE1	A14	0100073-84	C3
0100073-42	A16	F009419-MSD1	C5	0100078-10RE1	A15	0100073-85	C4
F009418-MS1	A17	0100073-67	C6	0100078-11RE1	A16	0100073-86	C5
F009418-MSD1	A18	F009419-MS2	C7	0100078-22RE1	A17	0100073-87	C6
0100073-43	A19	F009419-MSD2	C8	SEQ-CCV6	A18	0100073-88	C7
0100073-45	A20	0100073-63	C9	SEQ-CCB6	A19	0100073-89	C8
SEQ-CCV1	A21	0100073-64	C10	F010335-BS1	A20	0100073-90	C9
SEQ-CCB1	B1	0100073-65	C11	F010335-BSD1	A21	0100073-91	C10
0100073-47	B2	0100073-66	C12	F010335-BLK1	B1	0100073-92	C11
0100073-48	B3	0100073-68	C13	F010335-BLK2	B2	SEQ-CCV9	C12
0100073-49	B4	0100073-69	C14	F010335-BLK3	B3	SEQ-CCB9	C13
0100073-50	B5	SEQ-CCV4	C15	0100112-01	B4	0100073-94	C14
0100073-51	B6	SEQ-CCB4	C16	0100112-02	B5	0100073-95	C15
0100073-53	B7	0100073-70	C17	0100112-03	B6	0100073-96	C16
0100073-54	B8	0100073-71	C18	0100112-04	B7	0100073-97	C17
0100073-55	B9	0100073-72	C19	0100112-06	B8	0100073-98	C18
0100073-56	B10	0100073-73	C20	SEQ-CCV7	B9	0100073-99	C19

0100047-65RE2 : A10
 -MS4 : A11
 -MSD4 : A12

0100073-AA C20
 0100073-AB C21
 SEQ-CCVA A1
 SEQ-CCBA A2

Verified by:
 [Signature] 10-7-2020

ANALYSIS SEQUENCE

OJ08010

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/7/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-AP	Hg-CVAFS-S-7474	37			
0I00073-AQ	Hg-CVAFS-S-7474	38			
0I00073-AR	Hg-CVAFS-S-7474	39			
0I00073-AS	Hg-CVAFS-S-7474	40			
0I00073-AT	Hg-CVAFS-S-7474	41			
0I00073-AU	Hg-CVAFS-S-7474	42			
0I00073-AV	Hg-CVAFS-S-7474	43			
OJ08010-CCV3	QC	44	2001809		
OJ08010-CCB3	QC	45			
F009438-BS1	QC	46			
F009438-BS2	QC	47			
F009438-BS3	QC	48			
OJ08010-CCV4	QC	49	2001809		
OJ08010-CCB4	QC	50			
F009438-BS4	QC	51			
0I00096-01	Hg-CVAFS-S-7474	52			
F009438-BLK2	QC	53			
F009438-BLK3	QC	54			
F009442-BS1	QC	55			
F009442-BSD1	QC	56			
F009442-BLK1	QC	57			
F009442-BLK2	QC	58			
F009442-BLK3	QC	59			
0I00073-03	Hg-CVAFS-S-7474	60			
OJ08010-CCV5	QC	61	2001809		
OJ08010-CCB5	QC	62			
F009442-MS1	QC	63			
F009442-MSD1	QC	64			
0I00073-41	Hg-CVAFS-S-7474	65			
F009442-MS2	QC	66			
F009442-MSD2	QC	67			
0I00073-04	Hg-CVAFS-S-7474	68			
0I00073-07	Hg-CVAFS-S-7474	69			
0I00073-09	Hg-CVAFS-S-7474	70			
0I00073-10	Hg-CVAFS-S-7474	71			
0I00073-11	Hg-CVAFS-S-7474	72			

ANALYSIS SEQUENCE

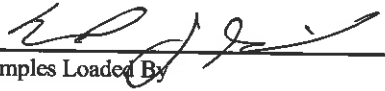
OJ08010

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/7/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
OJ08010-CCV6	QC	73	2001809		
OJ08010-CCB6	QC	74			
OI00073-17	Hg-CVAFS-S-7474	75			
OI00073-46	Hg-CVAFS-S-7474	76			
OI00073-52	Hg-CVAFS-S-7474	77			
OI00073-44	Hg-CVAFS-S-7474	78			
OI00073-93	Hg-CVAFS-S-7474	79			
OJ08010-CCV7	QC	80	2001809		
OJ08010-CCB7	QC	81			



 Samples Loaded By _____ Date 10/8/20



 Data Processed By _____ Date 10/8/20

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	MFS	Sequence(s) #:	0J08010
Reviewer:		Dataset ID(s):	THg26003-201007-1
Date:	10/8/2020	WO (s) #:	0100073
Batch #(s):	F009421, F009438, F009442, F009420		

• Select the correct preparation method.

Analyte	Prep Method	FSTM Trap	Matrix
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2985	FSTM Trap 70:30 Digest	Air/Gas
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2807	Modified Cold Aqua Regia	Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2821	Shared Bomb- HF/HNO3/HCl Digest	Sed/Soil
<input type="checkbox"/> THg	EFTM-T-TM-SOP2825	Nitric Acid Oven Bomb	Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2795	70:30 Digest	Tissue
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2800	KCl Trap BrCl Oxidation	Air/Gas
<input type="checkbox"/> THg	EFTM-T-TM-SOP2837	Shared Nitric	Tissue
<input type="checkbox"/> THg	EFSR-P-SP-SOP2796	BrCl Oxidation	Water
<input type="checkbox"/> Hg0	NA	NA	Water
<input type="checkbox"/> Inorg Hg	NA	NA	Water

THg SOP 14801 7474 Sed

Analyst Initials: MFS

Reviewer Initials: PGS

1. Compare SampleID with Benchsheet/Sequence/Raw Data (Have all samples been imported?) YES NO
2. Check for transcription errors from Excel spreadsheet (or Prep Benchsheet)/Raw data YES NO
 - (a) On raw data (instrument print-out), does correct file (dataset ID#) name appear in description? YES NO
 Naming convention: THg26001-yymmdd-1 or THg26002-yymmdd-1
 - (b) Check 5% of transcription from Instrument print-out and Excel file YES NO
 Compare the "Dilute" and "Peak (raw)" columns to "Dilution" and "Uncorrected Result" in Excel
 - (c) Check standards & reagents in sequence & bench sheet for correct usage (expiries). YES NO N/A
 - (d) Check and compare masses (review prep benchsheet) YES NO N/A
 - (e) Check & compare initial & final volumes YES NO N/A
 - (f) Do aliquots and dilutions written on benchsheet match those in Excel? YES NO N/A
 50 ml / aliquot = Excel dilution value
 - (g) Is the sequence #, analyst, date, and instrument # on the QC page? YES NO
 - (h) Is the analysis status correct? (analyzed/initial review/reviewed) YES NO
 - (i) Original prep bench sheet added to data package? YES NO
 - (j) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract) YES NO
3. High QA? YES NO WO#(s)/Client(s): _____
4. Client specific QC? (if Yes, refer to Project Notes/LIMS) YES NO
 - (a) Have the QC requirements been met for all WO#s? YES NO
 - (b) Prep blanks corrections/assigned properly YES NO
- 5a. 20 or fewer samples in batch? YES NO
 - (i) 3 PBs, 1 LCS(or BS), 1 LCSD(or BSD), 1 DUP/Batch 1 MS/MSD (or AS/ASD)/10 samples? YES NO
 - (ii) 1 CCV and 1 CCB every 10 analytical runs? YES NO

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	MFS	Sequence(s) #:	0J08010
Reviewer:		Dataset ID(s):	THg26003-201007-1
Date:	10/8/2020	WO (s) #:	0100073
Batch #(s):	F009421, F009438, F009442, F009420		

Analyst Initials MFS Reviewer Initials PGS

- 5b. Has the B/C section data been uploaded? YES NO N/A
- QA/QC Data Checked**
6. RSD CF ($\leq 15\%$) PASS FAIL
 Comments: _____
7. The calibration curve included a minimum of 5 Standards YES NO
 Comments: _____
8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) PASS FAIL
9. ICV and CCV % Recoveries EPA 1631E (77-123%) PASS FAIL
 Comments: _____
10. Do all calibration points pass acceptance criteria? YES NO
 Comments: _____
11. Are qualifiers consistent with the data review flowcharts? YES NO N/A
 Comments: _____
12. Explain any items on the failed data report from Element
 Comments: _____
13. Are the individual Preparation Blanks $< PQL$ or $< 2.2 \times MDL$ for WI (refer to appropriate prep method PQL list) PASS FAIL
 (a) If not $< PQL$ or $< 2.2 \times MDL$ for WI, note which PB(s) are above control limit:
- (b) Is the mean PB $< PQL$ or $< 2.2 \times MDL$ for WI (for appropriate qualification)? YES NO
- (c) Was a BrCl Blank analyzed for each preservation level? YES NO N/A
- (d) Are Preparation Blanks summarized on QC page? YES NO
14. Filtration Blank Prepared (if yes, use FB qualifier) YES NO
 (a) Filtration Blank prep date same as associated samples' prep date YES NO N/A
 (b) Filtration Blank absolute value $< PQL$ or $< 2.2 \times MDL$ for WI YES NO N/A
15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? PASS FAIL
 Comments: _____
16. CCBs individually < 0.50 ng/L or $2.2 \times MDL$ for WI? PASS FAIL
 Comments: _____
17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) YES NO N/A
18. Is the correct 'Source' designated for MD/MS/MSD? YES NO
19. For digested preps: was there a spike witness signature & date on the prep bench sheet? YES NO N/A

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	MFS	Sequence(s) #:	0J08010
Reviewer:		Dataset ID(s):	THg26003-201007-1
Date:	10/8/2020	WO (s) #:	0I00073
Batch #(s):	F009421, F009438, F009442, F009420		

Analyst Initials MFS Reviewer Initials PGS

- | | | | |
|--|--|-------------------------------|--|
| 20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Comments: _____ | | | |
| 21. Are all samples within instrument calibration range? (or at minimum dilution size) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | <input type="checkbox"/> |
| Comments: _____ | | | |
| 22. Are the samples run at the correct dilution level for the method? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | |
| Comments: _____ | | | |
| 23. Dissolved < Total (if applicable) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 24. Effluent < Influent (visually confirm if needed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 25. Are re-runs noted with reason? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 27. Is the B trap <5% A Traps | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 28. Are spiked trap recoveries 75-125% of true value? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 30. Have re-extracts been created for non-reportable samples? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 32. Does the data set need scanning? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 33. Does the dataset have an LOQ/LOQ or DOC? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 34. Water samples: has the preservation log been included in dataset for final volume verification? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 35. Water samples-is the final volume correct in the sequence? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |

Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\DOCs

- | | | | | | |
|---|----------|----------------------------------|---|--|--------------------------|
| 36. Date of analyst IDOC/CDOC: _____ | 3/2/20 | IDOC/CDOC within last 12 months? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 37. Date of analyst's SOP reading for method: _____ | 3/2/20 | Current SOP revision read? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 38. Date of LOD: _____ | 12/29/19 | MFS 10/8/20 | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 39. Date of LOQ: _____ | 12/29/19 | MFS 10/8/20 | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009421-BLK1	Blank	0.571	200					
F009421-BLK2	Blank	0.5284	200					
F009421-BLK3	Blank	0.525	200					
F009421-BS1	LCS	0.5148	200	2001204	40			
F009421-BSD1	LCS Dup	0.54	200	2001204	40			
F009421-MS1	Matrix Spike [0100073-AC]	0.5169	200	2002298	50			
F009421-MS2	Matrix Spike [0100073-AD]	0.5095	200	2002298	50			
F009421-MSD1	Matrix Spike Dup [0100073-AC]	0.5198	200	2002298	50			
F009421-MSD2	Matrix Spike Dup [0100073-AD]	0.5132	200	2002298	50			

<u>Standard ID(s):</u>	<u>Description:</u>	<u>Expiration:</u>	<u>Reagent ID(s):</u>	<u>Description:</u>	<u>Expiration:</u>
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002104	7474 Potassium Bromate/Bromide Reagent	24-Mar-23 00:00
			2002316		09-Oct-20 00:00

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AC	ES-FP_091920_SED_01-03	0.5271	200	-	-	S&R		
0100073-AD	ES-FP_091920_SED_030-036	0.5273	200	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	0.5198	200	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	0.5059	200	-	-	S&R		
0100073-AG	L9-45_092020_SED_03-05	0.5289	200	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	0.5039	200	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	0.5212	200	-	-	S&R		
0100073-AJ	CJ-04_092020_SED_03-05	0.5211	200	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	0.5298	200	-	-	S&R		
0100073-AL	W-61-High_0902020_SED_00-01	0.5006	200	-	-	S&R		
0100073-AM	W-61-High_0902020_SED_01-03	0.5251	200	-	-	S&R		
0100073-AN	W-61-High_0902020_SED_03-05	0.5298	200	-	-	S&R		
0100073-AO	W-61-Low_092020_SED_00-01	0.5134	200	-	-	S&R		
0100073-AP	W-61-Low_092020_SED_01-03	0.5062	200	-	-	S&R		
0100073-AQ	W-61-Low_092020_SED_03-05	0.5199	200	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	0.522	200	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	0.5041	200	-	-	S&R		
0100073-AT	W-61-Mid_092020_SED_03-05	0.5291	200	-	-	S&R		
0100073-AU	FRB-01_092120_SED_00-01	0.5201	200	-	-	S&R		

PREPARATION BENCH SHEET

F009421

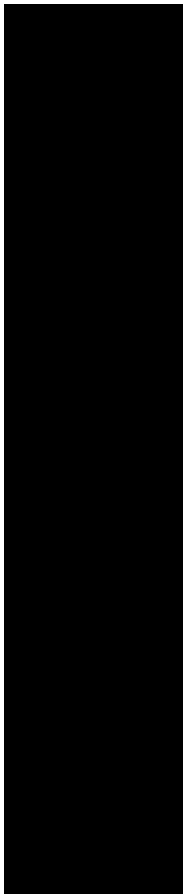
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/30/2020

0100073-AV	FRB-01_092120_SED_01-03	0.5247	200	-	-	S&R	
------------	-------------------------	--------	-----	---	---	-----	--



#	Sample / Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	F009421-MS1	A	F	12	0.5769	Saltmax CS2		MES 10/1/10
13	F009421-MSD1	A	F	13	0.5798	S		MES 10/1/10
14	O10073-A0	A	F	14	0.5273	S		Low Volume Sample
15	F009421-MS2	A	F	15	0.5095	S		MES 10/1/10
16	F009421-MSD2	A	F	16	0.5732	S		MES 10/1/10
17	O10073-AE	A	F	17	0.5748	S		
18	O10073-AF	A	F	18	0.5059	S		
19	O10073-AG	A	F	19	0.5289	S		
20	O10073-AH	A	F	20	0.5639	S		
21	O10073-AI	A	F	21	0.5212	S		
22	O10073-AJ	A	F	22	0.5211	S		
23	O10073-AK	A	F	23	0.5248	S		
24	O10073-AL	A	F	24	0.5006	S		
25	O10073-AM	A	F	25	0.5257	S		
26	O10073-AN	A	F	26	0.5272	S		
27	O10073-AO	A	F	27	0.5734	S		Low Volume Sample
28	O10073-AP	A	F	28	0.5662	S		
29	O10073-AQ	A	P	29	0.5749	S		
30	O10073-AR	A	F	30	0.5220	S		
31	O10073-AS	A	F	31	0.5047	S		
32	O10073-AT	A	F	32	0.5391	S		
33	O10073-AU	A	F	33	0.5726	S		
34	O10073-AV	A	F	34	0.5247	S		
35	F009421-MS1	A	P	35	0.5250	Berly chaser		
36	F009421-MS2	A	F	36	0.5328	BC		
37	F009421-MS3	A	F	37	0.5072	BC		
38	F009421-MS4	A	P	38	0.5562	BC		MES 10/1/10
39	F009421-MS5	A	F	39	0.5017	BC		MES 10/1/10
40	O10073-44	A	F	40	0.5720	S		From batch F009421

Initials:

Microwave ID: MD7708

Microwave Digestions

Microwave ID: MD7708

Tech: ML 2^o Tech: ML Spiked by: ML Spike Witness: ML Rack F Time In/Out: 11:20/11:45 Rack 11 Time In/Out: 11:20/11:45
 Samples: P009421, P009422, P009423, P009424 Boiling Chip LIMS ID# 200258 Balance #/Cal.: DN: 19 192602
 Vial (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 50 / ML / 9.30.2000 S.S.R Completed (Y/N) Y

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	010073-35	A	F1		0.5206	Sediment CoS		
2	010073-39	A	F2		0.5146	S		
3	010073-41	A	F3		0.5227	S		
4	010073-93	A	F4		0.5279	S		DN 10/11/2000
5	010073-99	A	F5		0.5231	S		
6	010073-101	A	F6		0.5710	Barium chips		
7	P009421-Blank	A	F7		0.5284	BC		
8	P009421-Blank	A	F8	8	0.5250	BC		MES 10/11/20
9	P009421-BS1	A	F9	9	0.5148	BC		MES 10/11/20
10	P009421-BS01	A	F10	10	0.5400	BC		MES 10/11/20
11	010073-AC	A	F11	11	0.5271	S		

Initials:

	Spike	Vol. (µL)	LIMS #	Preparation Method:		
				Reagent	Vol. (mL)	LIMS #
A	THy 1,000 ng/mL	40	2001204	HNO ₃	1	2001982
B	THy 1,000 ng/mL	50	2001208	HCl	3	2001104
C				747450in	1	2002316
D				HCl	1.25	2001973
E						
F						
G						
H						

Combined Spike ID: _____
 Combined Spike ID: _____
 Batches: _____
 Batches: _____

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: UHL
Upload/Date: UHL

9-28-2020
10-6-2020

Samples to lab: 1745
Reviewer/Date: MFS 10/1/20

Batch #: F069438

EFGS Preparation Method		
<input type="checkbox"/>	SOP2836	Oven Digestion (Total Recoverable Metals)
<input type="checkbox"/>	SOP2837	Tissue Nitric Digestion
<input type="checkbox"/>	SOP2840	Modified Aqua Regia
<input type="checkbox"/>	SOP2820	RP
<input type="checkbox"/>	SOP2821	HF Bomb Digestion
<input type="checkbox"/>	SOP2825	Nitric Bomb Digestion
<input type="checkbox"/>	SOP2993	Oven Digestion (As, Se Speciation)
<input type="checkbox"/>	SOP5145	Microwave Digestion (Nutraceuticals)
<input type="checkbox"/>	SOP5145	Microwave Digestion (3051)
<input type="checkbox"/>	NA	Other: <u>SOP14861 EPA 7474</u>

Initials	SOP Date	DOC Date
<u>UHL</u>	<u>9-28-2020</u>	<u>9-28-2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

Question	ICPMS	CV-AFS	70:30	N/A	Reviewer Initials	Tertiary Review
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/>
If YES, notify supervisor and technician immediately.						
2. Check prep method	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) PBs per batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) BS, BS/BSO or CRM in batch?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(d) MS/MSD in batch?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Document:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Special prep requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL

PREPARATION BENCH SHEET

F009438

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009438-BLK1	Blank	0.5	200					
F009438-BLK2	Blank	0.5	200					
F009438-BLK3	Blank	0.5	200					
F009438-BS1	LCS	0.5	200	2001204	40			
F009438-BS2	LCS	0.5	200	2001204	40			
F009438-BS3	LCS	0.5	200	2001204	40			
F009438-BS4	LCS	0.5	200	2001204	40			

Standard ID(s):
2001204

Description:
THg 1,000ng/mL Secondary Spiking Standard

Expiration:
05-Nov-20 00:00

Reagent ID(s):
2001932 ✓
2002050 ✓
2002104 ✓
2002316 ✓
266473

Description:
Fisher Nitric Acid, TraceMetal Grade
Boiling Chips for Trace Metals
TraceMetal Grade Hydrochloric Acid
7474 Potassium Bromate/Bromide Reagent
HCl

Expiration:
01-Mar-22 00:00
20-Feb-21 00:00
24-Mar-23 00:00
09-Oct-20 00:00

PREPARATION BENCH SHEET

F009438

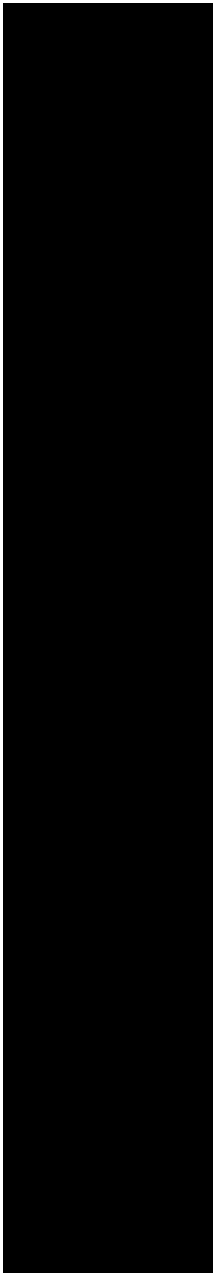
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100096-01	LEL 7474 IDOC	0.5	200	-	-	S&R		Shared as F009438-BLK1. LEL-9/28/2020



9416: 14091415 9417: 1240 for 15 min. 9418: 9419: 9420: 10-2-2020

Microwave ID: MD7708

Microwave Digestions

Date: 4-26-2020
 1^o Tech.: VA 2^o Tech.: NA Spiked by: VA Spike Witness: MS Rack E Time In: 1745 Rack E Time Out: 1810 Rack Time In/Out:
 Batches: F009436, F009416, F009417 Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (Y/N): 25 / Y
 Carousel (12/40): 40 Probe #: NA Final Volume (mL)/Initials/Date: 25 / VA / 10-7-2020 *S.S.R Completed (Y/N) Y

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009436-BIK1	B	E	1	0.5782	Boiling (chip/B)		Shared as OI00096-01 ML 9-28-2020
2	F009436-BIK2	B	E	2	0.5149	BC		
3	F009436-BIK3	B	E	3	0.5520	BC		F009436: 15 min start @ 1741 end @ 1810
4	F009436-B51	B	E	4	0.5070	BC		F009417: 15 min start @ 1740
5	F009436-B52	B	E	5	0.5114	BC		F009416: 15 min start @
6	F009436-B53	B	E	6	0.5116	BC		
7	F009436-B54	B	E	7	0.5119	BC		
8	F009416-BIK1	B	E	8	0.5523	BC		
9	F009416-BIK2	B	E	9	0.5183	BC		
10	F009416-BIK3	B	E	10	0.5415	BC		
11	F009416-BIK4	A	E	11	0.5222	water (W)		Pre-Homog BIK (OI 60073-BU)

Preparation Method: SOP 17801 (7474)

Reagent	Vol. (mL)	LIMS #
HNO ₃	1	2001932
HCl	3	2002104
H ₂ O	1	2002316
HCl	1.25	2001973

Pipette ID	Cal. Date
0207850	9-29-2020
P21746	10-2-2020
02040347	10-2-2020

Spike	Vol. (μL)	LIMS #
1kg 1000 μg/mL	40	2001204
1kg 10,000 μg/mL	50	2002298

Combined Spike ID:	Batches:
1	VA 10-7-2020
2	VA 10-7-2020

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: UFL 9-28-2020
Upload/Date: UFL 10-6-2020

Samples to lab: 1745
Reviewer/Date: _____

Batch #: F009430

EFGS Preparation Method			
<input type="checkbox"/>	SOP2836	Oven Digestion (Total Recoverable Metals)	<input type="checkbox"/> ICPMS <input type="checkbox"/> AFS
<input type="checkbox"/>	SOP2837	Tissue Nitric Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2840	Modified Aqua Regia	
<input type="checkbox"/>	SOP2820	RP	
<input type="checkbox"/>	SOP2821	HF Bomb Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2825	Nitric Bomb Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2993	Oven Digestion (As, Se Speciation)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (Nutraceuticals)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (3051)	
<input type="checkbox"/>	NA	Other: <u>SOP 14861 EPA 7474</u>	

Initials	SOP Date	DOC Date
<u>UFL</u>	<u>9-28-2020</u>	<u>9-28-2020</u>
Comments: _____		

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

		Reviewer Initials	Tertiary Review
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
If YES, notify supervisor and technician immediately.			
2. Check prep method	<input checked="" type="checkbox"/> YES		<input type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS?	<input type="checkbox"/> ICPMS <input checked="" type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30	<input type="checkbox"/> N/A	<input type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES		<input type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES		<input type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input type="checkbox"/> ≤ 20 <input checked="" type="checkbox"/> ≤ 10		<input type="checkbox"/>
(a) PBs per batch?	<input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs		<input type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(c) BS, BS/BSD or CRM in batch?	<input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM		<input type="checkbox"/>
(d) MS/MSD in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
Document:			
(h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
6. Special prep requirements?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/> YES		<input type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL

UFL 107-2020

PREPARATION BENCH SHEET

F009438

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation**

Prepared: 9/28/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009438-BLK1	Blank	0.5	200					
F009438-BLK2	Blank	0.5	200					
F009438-BLK3	Blank	0.5	200					
F009438-BS1	LCS	0.5	200	2001204	40			
F009438-BS2	LCS	0.5	200	2001204	40			
F009438-BS3	LCS	0.5	200	2001204	40			
F009438-BS4	LCS	0.5	200	2001204	40			

Standard ID(s): 2001204	Description: THg 1,000mg/mL Secondary Spiking Standard	Expiration: 05-Nov-20 00:00	Reagent ID(s): 2001932 2002050 2002104 2002316	Description: Fisher Nitric Acid, Tracemetal Grade Boiling Chips for Trace Metals TraceMetal Grade Hydrochloric Acid 7474 Potassium Bromate/Bromide Reagent	Expiration: 01-Mar-22 00:00 20-Feb-21 00:00 24-Mar-23 00:00 09-Oct-20 00:00
-----------------------------------	--	---------------------------------------	---	---	--

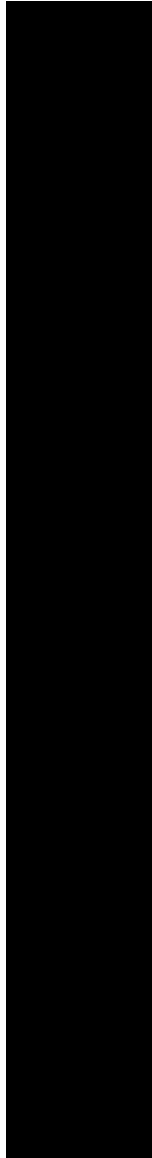
PREPARATION BENCH SHEET

F009438

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100096-01	LEL 7474 IDOC	0.5	200	-	-	S&R		Shared as F009438-BLKI. LEL 9/28/2020



Date: 4-26-2010

9416: 14009415 9417: 1240 For 15 min. 9418: 14009416

Microwave Digestions

Microwave ID: M07708

1° Tech: WA 2° Tech: NA Spiked by: WA Spike Witness: WA Rack E Time ⁱⁿ/_{out}: 1745 / 1810 Rack Time ⁱⁿ/_{out}: /

Batches: F009436, F009416, F009417 Boiling Chip LIMS ID# 2002050 Balance #/Cal.? (V/N): 25 / Y

Carousel (12/40) #: 40 Probe #: NA Final Volume (mL)/Initials/Date: 25 / WA / 10-2-2010 *S.S.R Completed (Y/N) Y

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
1	F009436-BLK1	B	E	1	0.5782	Boiling (chip/BC)		Shared as OI00096-01 WA 4-26-2010
2	F009436-BLK2	B	E	2	0.5149	BC		
3	F009436-BLK3	B	E	3	0.5520	BC		F009436: 15min start @ 1741 end @ 1810
4	F009436-RS1	B	E	4	0.5070	BC		F009417: 15min start @ 1740
5	F009416-RS2	B	G	5	0.5114	BC		F009416: 15min start @ 1740
6	F009436-RS3	B	E	6	0.5118	BC		
7	F009436-RS4	B	E	7	0.5119	BC		
8	F009416-BLK1	B	E	8	0.5523	BC		
9	F009416-BLK2	B	E	9	0.5183	BC		
10	F009416-BLK3	B	E	10	0.5415	BC		
11	F009416-BLK4	A	E	11	0.5222	Water (W)		Pre-Homog BLK (OI00073-BU)

39 are not digested 9-26-2009 WA 9-28-2009

	Spike	Vol. (µL)	LIMS #	Pipette ID	Cal. Date	Preparation Method: SOP 1480 (1747)	Reagent	Vol. (mL)	LIMS #
A	THg 1000µg/mL	40	2001204	0207850	9-28-2009	H2O2	1	2001932	
B	THg 1000µg/mL	50	2002298	021746	10-2-2010	HCl	3	2002104	
C				0240347	10-2-2010	HCl	1	2002316	
D						HCl	1.25	2001973	
E									
F									
G									
H									

1	Combined Spike ID:	=	: Batches:
2	Combined Spike ID:	=	: Batches:

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: mn
Upload/Date: mn

10/7/2020
10-6-2020

Samples to lab: 1120
Reviewer/Date: MRS 10/7/20

Batch #: P009442

EFGS Preparation Method

SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS

SOP2837 Tissue Nitric Digestion ICPMS CVAFS

SOP2840 Modified Aqua Regia

SOP2820 RP

SOP2821 HF Bomb Digestion ICPMS CVAFS

SOP2825 Nitric Bomb Digestion ICPMS CVAFS

SOP2893 Oven Digestion (As, Se Speciation)

SOP5145 Microwave Digestion (Nutraceuticals)

~~SOP5145 Microwave Digestion (2064)~~ mn 10/7/2020

NA Other: SOP 14801 FVA 7474

Initials	SOP Date	DOC Date
<u>mn</u>	<u>8/3/2020</u>	<u>9/30/2020</u>
<u>mn</u>	<u>9-28-2020</u>	<u>9-28-2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

	Reviewer Initials	Tertiary Review
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/>
If YES, notify supervisor and technician immediately.		
2. Check prep method	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS? <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input type="checkbox"/> N/A	<input type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES	<input type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES	<input type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES	<input type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES	<input type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10	<input type="checkbox"/>
(a) PBs per batch? <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM	<input type="checkbox"/>
(c) BS, BS/BSD or CRM in batch? <input type="checkbox"/> BS	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(d) MS/MSD in batch?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(e) MD in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
Document:		
(h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
6. Special prep requirements?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	<input type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A	<input type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID : _____

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
<u>Hg100ng/ml</u>	<u>200193209</u>	<u>70</u>			
<u>Hg100ng/ml</u>	<u>2002298</u>	<u>50</u>			
<u>mn 10/7/20</u>					

PREPARATION BENCH SHEET

F009442

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009442-BLK1	Blank	0.5515	200					
F009442-BLK2	Blank	0.5638	200					
F009442-BLK3	Blank	0.5077	200					
F009442-BS1	LCS	0.5327	200	2001204	40			
F009442-BSID1	LCS Dup	0.5472	200	2001204	40			
F009442-MS1	Matrix Spike [0100073-03]	0.5001	200	2002298	50			
F009442-MS2	Matrix Spike [0100073-41]	0.5122	200	2002298	50			
F009442-MSD1	Matrix Spike Dup [0100073-03]	0.5234	200	2002298	50			
F009442-MSD2	Matrix Spike Dup [0100073-41]	0.5088	200	2002298	50			

Standard ID(s)	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2002104		24-Mar-23 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00

PREPARATION BENCH SHEET

F009442

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-03 ✓	ES-02_091620_SED_03-05	0.5154 ✓	200 ✓	-	-	S&R		
0100073-04 ✓	FRB-02_091520_SED_00-01	0.5091 ✓	200 ✓	-	-	S&R		
0100073-07 ✓	VN-02-04_091620_SED_03-05	0.5038 ✓	200 ✓	-	-	S&R		
0100073-09 ✓	VN-MU3-GC-1_091620_SED_01-03	0.5234 ✓	200 ✓	-	-	S&R		
0100073-10 ✓	VN-MU3-GC-1_091620_SED_03-05	0.5102 ✓	200 ✓	-	-	S&R		
0100073-11 ✓	ADD-01_091620_SED_00-01	0.5135 ✓	200 ✓	-	-	S&R		
0100073-17 ✓	OR-T1-C3_091620_SED_00-01	0.5156 ✓	200 ✓	-	-	S&R		
0100073-41 ✓	OR-T1-C1_091720_SED_01-03_DUP	0.5222 ✓	200 ✓	-	-	S&R		
0100073-44 ✓	W-17-N_091720_SED_00-01	0.512 ✓	200 ✓	-	-	S&R		
0100073-46 ✓	W-17-N_091720_SED_03-05	0.5043 ✓	200 ✓	-	-	S&R		
0100073-52 ✓	PBR-28_091720_SED_01-03	0.5031 ✓	200 ✓	-	-	S&R		

Date: 9/30/2020

Microwave Digestions

Microwave ID: MD7708

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	F009421-MS1	A	F	12	0.5769	Sachmet CD		MES 10/1/20
13	F009421-MSD1	A	F	13	0.5798	S		MES 10/1/20
14	OT0073-AD	A	F	14	0.5273	S		Low Volume Sample
15	F009421-MS2	A	F	15	0.5095	S		MES 10/1/20
16	F009421-MSD2	A	F	16	0.5732	S		MES 10/1/20
17	OT0073-AE	A	F	17	0.5198	S		
18	OT0073-AF	A	F	18	0.5059	S		
19	OT0073-AG	A	F	19	0.5239	S		
20	OT0073-AH	A	F	20	0.5639	S		
21	OT0073-AI	A	F	21	0.5212	S		
22	OT0073-AJ	A	F	22	0.5211	S		
23	OT0073-AK	A	F	23	0.5298	S		
24	OT0073-AL	A	F	24	0.5006	S		
25	OT0073-AM	A	F	25	0.5251	S		
26	OT0073-AN	A	F	26	0.5292	S		
27	OT0073-AO	A	F	27	0.5134	S		Low Volume Sample
28	OT0073-AP	A	F	28	0.5062	S		
29	OT0073-AQ	A	F	29	0.5149	S		
30	OT0073-AR	A	F	30	0.5220	S		
31	OT0073-AS	A	F	31	0.5241	S		
32	OT0073-AT	A	F	32	0.5291	S		
33	OT0073-AU	A	F	33	0.5204	S		
34	OT0073-AV	A	F	34	0.5247	S		
35	F009421-BL1	A	F	35	0.5250	Berby chaser		
36	F009421-BL2	A	F	36	0.5328	BC		
37	F009421-BL3	A	F	37	0.5273	BC		
38	F009421-BL4	A	F	38	0.5562	BC		MES 10/1/20
39	F009421-BL5	A	F	39	0.5217	BC		MES 10/1/20
40	OT0073-44	A	F	40	0.5720	S		From batch F009421

Initials:

e: 10-1-2020

Microwave Digestions

Microwave ID: MD7708

Tech.: M 2nd Tech.: VM Spiked by: M Spike Witness: MFS Rack E Time In: 12:10 / 12:35 Rack Time: 12:10 / 12:35
 Date: 10-1-2020 Probe #: NA Boiling Chip LIMS ID# 2002070 Balance #/Cal.? Y/N: 23 / 10-1-2020
 Sample (12/40) #: 40 Final Volume (mL)/Initials/Date: 50 / M / 10-1-2020 S.S.R Completed (Y/N) Y

Sample/Batch ID	Bottle #/ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
OP0073-Ax(MS)	A	E	1	0.5032	Sediment(S)		
FO0942-MS1	A	E	2	0.5202	S		MFS 10/1/20
FO0942-MS2	A	E	3	0.5142	S		MFS 10/1/20
OP0073-A1(MS)	A	E	4	0.5146	S		
OP0073-MS	A	E	5	0.5141	S		MFS 10-1-2020
FO0942-MS2	A	E	6	0.5071	S		MFS 10/1/20
OP0073-AW	A	E	7	0.5122	S		
OP0073-A2	A	E	8	0.5080	S		
OP0073-BA	A	E	9	0.5152	S		
OP0073-BB	A	E	10	0.5071	S		
OP0073-BC	A	E	11	0.5136	S		

Initials:

Spike	Vol. (µL)	LIMS #
Thy 1000 µL	40	200204H
Thy 10,000 µL	50	200207E

Pipette ID	Cal. Date
OU07853	9/29/2020
PU 21746	10-2-2020
QU 40347	10-2-2020

Reagent	Vol. (mL)	LIMS #
HNO3	1	2001932
HCl	3	2002107
7474 50% HCl	1	2002316
	1.75	2001937

Combined Spike ID: _____ = _____
 Combined Spike ID: _____ = _____

Batches: 10-6-2020
 Batches: 10-6-2020

10-6-2020

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	OT00073-BD	A	E	12	0.5103	Seehman (CS)		
13	OT00073-BE	A	E	13	0.5122	S		Dec 10/1/2020
14	OT00073-BF	A	E	14	0.5100	S		
15	OT00073-BG	A	E	15	0.5007	S		
16	OT00073-BH	A	E	16	0.5081	S		
17	OT00073-BI	A	E	17	0.5192	S		
18	OT00073-BJ	A	E	18	0.5198	S		
19	OT00073-BK	A	E	19	0.5114	S		
20	OT00073-BL	A	E	20	0.5201	S		
21	OT00073-BM	A	E	21	0.5123	S		
22	FO09442-BL41	A	E	22	0.5515	Buildings Chex (Dec)		
23	FO09442-BL42	A	E	23	0.5638	BC		
24	FO09442-BL43	A	E	24	0.5077	BC		
25	FO09442-BJ1	A	E	25	0.5327	BC		MFS 10/1/20
26	FO09442-BJ07	A	E	26	0.5472	BC		MFS 10/1/20
27	FO09442-MS1	A	E	27	0.5001	S		MFS 10/1/20
28	FO09442-MSD1	A	E	28	0.5234	S		MFS 10/1/20
29	OT00073-03 (MS1)	A	E	29	0.5154	S		
30	FO09442-MS2	A	E	30	0.5122	S		MFS 10/1/20
31	FO09442-MSD2	A	E	31	0.5088	S		MFS 10/1/20
32	OT00073-41 (MS1)	A	E	32	0.5222	S		
33	OT00073-04	A	E	33	0.5091	S		
34	OT00073-07	A	E	34	0.5232	S		
35	OT00073-01	A	E	35	0.5234	S		
36	OT00073-10	A	E	36	0.5102	S		
37	OT00073-11	A	E	37	0.5135	S		
38	OT00073-17	A	E	38	0.5152	S		
39	OT00073-46	A	E	39	0.5043	S		
40	OT00073-12	A	E	40	0.5031	S		

Initials:

EFGS / Microwave Digestions / LOG-PR-009 / Effective: 4/11/17 / QA2019-033 / Page 161 of 215 / *S.S.R = Sample, Spike, Reagents / Page 2 of 2 / Verified By: MFS 10/1/20

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009421-BLK1	Blank	0.571	200					
F009421-BLK2	Blank	0.5284	200					
F009421-BLK3	Blank	0.525	200					
F009421-BS1	LCS	0.5148	200	2001204	40			
F009421-BS2	LCS	0.5148	200	2001204	40			RR BS1 for confirmation MFS 10/8/20
F009421-BSD1	LCS Dup	0.54	200	2001204	40			
F009421-BSD2	LCS Dup	0.54	200	2001204	40			RR BSD1 for confirmation MFS 10/8/20
F009421-MS1	Matrix Spike [0100073-AC]	0.5169	200	2002298	50			
F009421-MS2	Matrix Spike [0100073-AD]	0.5095	200	2002298	50			
F009421-MS3	Matrix Spike [0100073-AC]	0.5169	200	2002298	50			RR MS1 for confirmation MFS 10/8/20
F009421-MS4	Matrix Spike [0100073-AD]	0.5095	200	2002298	50			RR MSD1 for confirmation MFS 10/8/20
F009421-MSD1	Matrix Spike Dup [0100073-AC]	0.5198	200	2002298	50			
F009421-MSD2	Matrix Spike Dup [0100073-AD]	0.5132	200	2002298	50			
F009421-MSD3	Matrix Spike Dup [0100073-AC]	0.5198	200	2002298	50			RR MS2 for confirmation MFS 10/8/20
F009421-MSD4	Matrix Spike Dup [0100073-AD]	0.5132	200	2002298	50			RR MSD2 for confirmation MFS 10/8/20

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1.000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10.000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AC	ES-FP_091920_SED_01-03	0.5271	200	-	-	S&R		
0100073-AD	ES-FP_091920_SED_030-036	0.5273	200	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	0.5198	200	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	0.5059	200	-	-	S&R		
0100073-AG	L9-45_092020_SED_03-05	0.5289	200	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	0.5039	200	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	0.5212	200	-	-	S&R		
0100073-AJ	CJ-04_092020_SED_03-05	0.5211	200	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	0.5298	200	-	-	S&R		
0100073-AL	W-61-High_0902020_SED_00-01	0.5006	200	-	-	S&R		
0100073-AM	W-61-High_0902020_SED_01-03	0.5251	200	-	-	S&R		
0100073-AN	W-61-High_0902020_SED_03-05	0.5298	200	-	-	S&R		
0100073-AO	W-61-Low_092020_SED_00-01	0.5134	200	-	-	S&R		
0100073-AP	W-61-Low_092020_SED_01-03	0.5062	200	-	-	S&R		
0100073-AQ	W-61-Low_092020_SED_03-05	0.5199	200	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	0.522	200	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	0.5041	200	-	-	S&R		
0100073-AT	W-61-Mid_092020_SED_03-05	0.5291	200	-	-	S&R		
0100073-AU	FRB-01_092120_SED_00-01	0.5201	200	-	-	S&R		

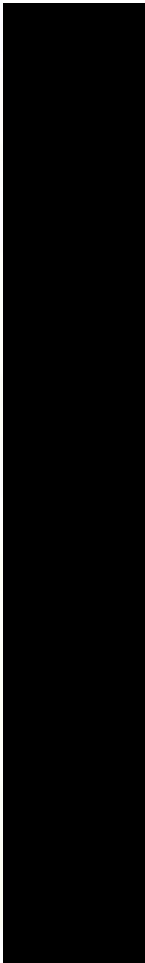
PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 10/1/2020

0100073-AUREI	FRB-01_092120_SED_00-01	0.5201	200	-	-	S&R	Added 10/8/2020 by MFS	Undercurve: RR@10x MFS 10/8/2020
0100073-AV	FRB-01_092120_SED_01-03	0.5247	200	-	-	S&R		
0100073-AVREI	FRB-01_092120_SED_01-03	0.5247	200	-	-	S&R	Added 10/8/2020 by MFS	Undercurve: RR@10x MFS 10/8/2020



PREPARATION BENCH SHEET

F009438

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 9/28/2020**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009438-BLK1	Blank	0.5	200					
F009438-BLK2	Blank	0.5	200					
F009438-BLK3	Blank	0.5	200					
F009438-BS1	LCS	0.5	200	2001204	40			
F009438-BS2	LCS	0.5	200	2001204	40			
F009438-BS3	LCS	0.5	200	2001204	40			
F009438-BS4	LCS	0.5	200	2001204	40			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
			2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009438

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100096-01	LEL 7474 IDOC	0.5	200	-	-	S&R		Shared as F009438-BLK1. LEL 9/28/2020



PREPARATION BENCH SHEET

F009442

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 10/1/2020**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009442-BLK1	Blank	0.5515	200					
F009442-BLK2	Blank	0.5638	200					
F009442-BLK3	Blank	0.5077	200					
F009442-BS1	LCS	0.5327	200	2001204	40			
F009442-BS2	LCS	0.5327	200	2001204	40			RR BS1 for confirmation MFS 10/8/20
F009442-BSD1	LCS Dup	0.5472	200	2001204	40			
F009442-BSD2	LCS Dup	0.5472	200	2001204	40			RR BSD1 for confirmation MFS 10/8/20
F009442-MS1	Matrix Spike [0100073-03]	0.5001	200	2002298	50			
F009442-MS2	Matrix Spike [0100073-41]	0.5122	200	2002298	50			
F009442-MS3	Matrix Spike [0100073-03]	0.5001	200	2002298	50			RR MS1 for confirmation MFS 10/8/20
F009442-MS4	Matrix Spike [0100073-41]	0.5122	200	2002298	50			RR MS2 for confirmation MFS 10/8/20
F009442-MSD1	Matrix Spike Dup [0100073-03]	0.5234	200	2002298	50			
F009442-MSD2	Matrix Spike Dup [0100073-41]	0.5088	200	2002298	50			
F009442-MSD3	Matrix Spike Dup [0100073-03]	0.5234	200	2002298	50			RR MSD1 for confirmation MFS 10/8/20
F009442-MSD4	Matrix Spike Dup [0100073-41]	0.5088	200	2002298	50			RR MSD2 for confirmation MFS 10/8/20

Standard ID(s):
 2001204 THg 1,000ng/mL Secondary Spiking Standard
 2002298 THg 10,000ng/mL Primary Spiking Standard

Expiration:
 05-Nov-20 00:00
 05-Nov-20 00:00

Reagent ID(s):

Description:
 Fisher Nitric Acid, Tracemetal Grade
 TraceMetal Grade Hydrochloric Acid
 THg Dilute 1% BrCl
 TraceMetal Grade Hydrochloric Acid
 3% SnCl2 THg reductant
 7474 Potassium Bromate/Bromide Reagent
 25% Hydroxylamine-HCl working solution
 THg Washstation (0.5% BrCl)

Expiration:
 01-Mar-22 00:00
 21-Jan-23 00:00
 07-Feb-21 00:00
 24-Mar-23 00:00
 09-Feb-21 00:00
 09-Oct-20 00:00
 01-Apr-21 00:00
 07-Feb-21 00:00

PREPARATION BENCH SHEET

F009442

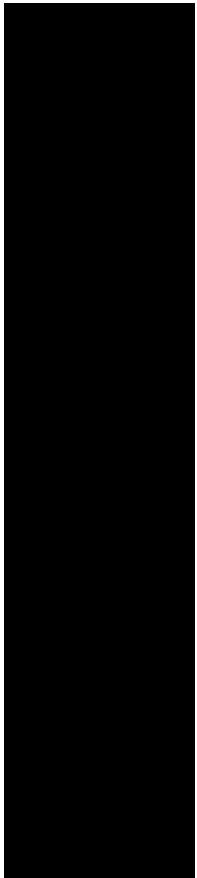
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-03	ES-02_091620_SED_03-05	0.5154	200	-	-	S&R		
0100073-04	FRB-02_091520_SED_00-01	0.5091	200	-	-	S&R		
0100073-07	VN-02-04_091620_SED_03-05	0.5038	200	-	-	S&R		
0100073-09	VN-MU3-GC-1_091620_SED_01-03	0.5234	200	-	-	S&R		
0100073-10	VN-MU3-GC-1_091620_SED_03-05	0.5102	200	-	-	S&R		
0100073-11	ADD-01_091620_SED_00-01	0.5135	200	-	-	S&R		
0100073-17	OR-T1-C3_091620_SED_00-01	0.5156	200	-	-	S&R		
0100073-41	OR-T1-C1_091720_SED_01-03_DUP	0.5222	200	-	-	S&R		
0100073-44	W-17-N_091720_SED_00-01	0.512	200	-	-	S&R		
0100073-46	W-17-N_091720_SED_03-05	0.5043	200	-	-	S&R		
0100073-52	PBR-28_091720_SED_01-03	0.5031	200	-	-	S&R		



PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 10/1/2020**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009420-BLK1	Blank	0.5226	200					
F009420-BLK2	Blank	0.5417	200					
F009420-BLK3	Blank	0.507	200					
F009420-BS1	LCS	0.553	200	2001204	40			
F009420-BSD1	LCS Dup	0.513	200	2001204	40			
F009420-MS1	Matrix Spike [0100073-82]	0.5173	200	2002298	50			
F009420-MS2	Matrix Spike [0100073-83]	0.5084	200	2002298	50			
F009420-MSD1	Matrix Spike Dup [0100073-82]	0.503	200	2002298	50			
F009420-MSD2	Matrix Spike Dup [0100073-83]	0.5202	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetall Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009420

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 10/1/2020**

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-82	W-61-Intertidal_091820_SED_01-03	0.502	200	-	-	S&R		
0100073-83	W-61-Intertidal_091820_SED_03-05	0.5401	200	-	-	S&R		
0100073-84	E-01-01_091920_SED_00-01	0.5089	200	-	-	S&R		
0100073-85	E-01-01_091920_SED_00-01_DUP	0.5006	200	-	-	S&R		
0100073-86	E-01-01_091920_SED_01-03	0.5261	200	-	-	S&R		
0100073-87	E-01-01_091920_SED_01-03_DUP	0.5075	200	-	-	S&R		
0100073-88	E-01-01_091920_SED_03-05	0.5031	200	-	-	S&R		
0100073-89	E-01-01_091920_SED_03-05_DUP	0.5146	200	-	-	S&R		
0100073-90	E-01-03_091920-SED-00-01	0.5257	200	-	-	S&R		
0100073-91	E-01-03_091920-SED-01-03	0.5227	200	-	-	S&R		
0100073-92	E-01-03_091920-SED-03-05	0.5157	200	-	-	S&R		
0100073-93	SVE-01_091820_SED_00-01	0.5128	200	-	-	S&R		
0100073-94	SVE-01_091820_SED_01-03	0.5264	200	-	-	S&R		
0100073-95	SVE-01_091820_SED_03-05	0.5229	200	-	-	S&R		
0100073-96	CJ-04_092020_SED_00-01	0.5189	200	-	-	S&R		
0100073-97	CJ-04_092020_SED_01-03	0.5218	200	-	-	S&R		
0100073-98	E-01-04_091920_SED_00-01	0.5175	200	-	-	S&R		
0100073-99	E-01-04_091920_SED_01-03	0.5289	200	-	-	S&R		
0100073-AA	E-01-04_091920_SED_03-05	0.5194	200	-	-	S&R		

PREPARATION BENCH SHEET

F009420

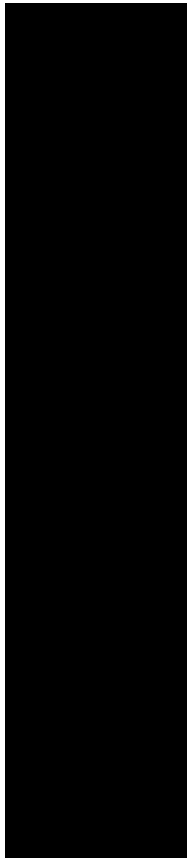
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

0100073-AB	ES-FP_091920_SEID_00-01	0.52	200	-	-	S&R
------------	-------------------------	------	-----	---	---	-----





Frontier Global Sciences

THg26003-201007-1

Analysis Datasheet for Total Mercury

Date of Analysis: October 07, 2020
 Instrument #: Hg2600-3
 LIMS Sequence #: 0708010_0708011

Analyst: WPS
 Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	187.63 units	375.27	123.94 units	247.88	107.8 %Rec
SEQ-CAL2	1	1.00 ng/L	294.11 units	294.11	230.42 units	230.42	100.3 %Rec
SEQ-CAL3	1	5.00 ng/L	1190.70 units	238.14	1127.01 units	225.40	98.1 %Rec
SEQ-CAL4	1	20.00 ng/L	4389.20 units	219.46	4325.50 units	216.28	94.1 %Rec
SEQ-CAL5	1	40.00 ng/L	9233.07 units	230.83	9169.38 units	229.23	99.7 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 229.84 Corr. St Dev RF +/- 11.51 Corr. RSD CF 5.0% RSD Uncorr. Mean RF 271.56

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-BL	3	63.69 units	±9.03	0.23 ng/L	±0.03

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	3	4.091 ng/L	±3.936
BLK	2	0	0.000 ng/L	
BLK	3	0	0.000 ng/L	
BLK	4	2	-0.523 ng/L	±0.005
BLK	5	3	0.809 ng/L	±1.424
BLK	6	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	10/7/2020 11:35:30.4967-1.RAW	11:35:30 AM	62.78			-0.9	-0.004	-0.004	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	10/7/2020 11:39:38.4968-1.RAW	11:39:38 AM	55.18			-8.5	-0.037	-0.037	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	10/7/2020 11:43:48.4969-1.RAW	11:43:48 AM	73.14			9.4	0.041	0.041	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	10/7/2020 11:47:56.4970-1.RAW	11:47:56 AM	187.63			123.9	0.539	0.539	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	10/7/2020 11:52:05.4971-1.RAW	11:52:05 AM	294.11			230.4	1.003	1.003	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	10/7/2020 11:56:13.4972-1.RAW	11:56:13 AM	1190.70			1127.0	4.903	4.903	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	10/7/2020 12:00:22.4973-1.RAW	12:00:22 PM	4389.20			4325.5	18.819	18.819	ng/L	
Hg2600-3	00	CAL	SEQ-CAL5	1	10/7/2020 12:04:31.4974-1.RAW	12:04:31 PM	9233.07			9169.4	39.894	39.894	ng/L	
Hg2600-3	00	CAL	SEQ-ICV1	1	10/7/2020 12:08:41.4975-1.RAW	12:08:41 PM	1285.48			1231.8	5.359	5.359	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	10/7/2020 12:12:50.4976-1.RAW	12:12:50 PM	80.79			17.1	0.074	0.074	ng/L	
Hg2600-3	00	SAM	F009421-BS1	20	10/7/2020 12:16:59.4977-1.RAW	12:16:59 PM	4551.07			4487.4	19.319	19.319	ng/L	F009421
Hg2600-3	00	SAM	F009421-BSD1	20	10/7/2020 12:21:09.4978-1.RAW	12:21:09 PM	4286.20			4232.5	18.210	18.210	ng/L	F009421
Hg2600-3	00	BLK	F009421-BLK1	10	10/7/2020 12:25:18.4979-1.RAW	12:25:18 PM	133.86			70.2	0.305	0.305	ng/L	F009421
Hg2600-3	00	BLK	F009421-BLK2	10	10/7/2020 12:29:27.4980-1.RAW	12:29:27 PM	257.73			194.0	0.844	0.844	ng/L	F009421
Hg2600-3	00	BLK	F009421-BLK3	10	10/7/2020 12:33:36.4981-1.RAW	12:33:36 PM	81.59			17.9	0.078	0.078	ng/L	F009421
Hg2600-3	00	SAM	F009421-AC	50	10/7/2020 12:37:45.4982-1.RAW	12:37:45 PM	1449.83			1386.2	5.949	5.949	ng/L	F009421
Hg2600-3	00	SAM	F009421-MS1	400	10/7/2020 12:41:55.4983-1.RAW	12:41:55 PM	3058.79			2995.0	13.021	13.021	ng/L	F009421
Hg2600-3	00	SAM	F009421-MSD1	400	10/7/2020 12:46:04.4984-1.RAW	12:46:04 PM	2462.61			2398.9	10.427	10.427	ng/L	F009421
Hg2600-3	00	SAM	F000073-AD	50	10/7/2020 12:50:13.4985-1.RAW	12:50:13 PM	684.40			630.7	2.662	2.662	ng/L	F009421
Hg2600-3	00	SAM	F009421-MS2	400	10/7/2020 12:54:22.4986-1.RAW	12:54:22 PM	2181.01			2117.3	9.202	9.202	ng/L	F009421
Hg2600-3	00	CAL	SEQ-CCV1	1	10/7/2020 12:58:32.4987-1.RAW	12:58:32 PM	1259.24			1195.5	5.202	5.202	ng/L	
Hg2600-3	00	CAL	SEQ-CCB1	1	10/7/2020 13:02:41.4988-1.RAW	1:02:41 PM	60.73			-3.0	-0.013	-0.013	ng/L	
Hg2600-3	00	SAM	F009421-MSD2	400	10/7/2020 13:06:50.4989-1.RAW	1:06:50 PM	2320.46			2256.8	9.809	9.809	ng/L	F009421
Hg2600-3	00	SAM	F000073-AE	50	10/7/2020 13:10:59.4990-1.RAW	1:10:59 PM	1909.44			1845.7	7.949	7.949	ng/L	F009421
Hg2600-3	00	SAM	F000073-AF	50	10/7/2020 13:15:09.4991-1.RAW	1:15:09 PM	2490.59			2426.9	10.477	10.477	ng/L	F009421
Hg2600-3	00	SAM	F000073-AG	50	10/7/2020 13:19:18.4992-1.RAW	1:19:18 PM	3477.44			3413.7	14.771	14.771	ng/L	F009421
Hg2600-3	00	SAM	F000073-AH	50	10/7/2020 13:23:27.4993-1.RAW	1:23:27 PM	1076.38			1012.7	4.324	4.324	ng/L	F009421
Hg2600-3	00	SAM	F000073-AI	50	10/7/2020 13:27:36.4994-1.RAW	1:27:36 PM	2817.06			2753.4	11.898	11.898	ng/L	F009421
Hg2600-3	00	SAM	F000073-AJ	50	10/7/2020 13:31:45.4995-1.RAW	1:31:45 PM	3093.14			3029.4	13.059	13.059	ng/L	F009421
Hg2600-3	00	SAM	F000073-AK	50	10/7/2020 13:35:55.4996-1.RAW	1:35:55 PM	3087.82			3034.1	13.119	13.119	ng/L	F009421
Hg2600-3	00	SAM	F000073-AL	50	10/7/2020 13:40:04.4997-1.RAW	1:40:04 PM	840.88			777.0	3.299	3.299	ng/L	F009421
Hg2600-3	00	SAM	F000073-AM	50	10/7/2020 13:44:14.4998-1.RAW	1:44:14 PM	1280.57			1216.9	5.213	5.213	ng/L	F009421
Hg2600-3	00	CAL	SEQ-CCV2	1	10/7/2020 13:48:23.4999-1.RAW	1:48:23 PM	1253.35			1189.7	5.176	5.176	ng/L	F009421
Hg2600-3	00	CAL	SEQ-CCB2	1	10/7/2020 13:52:32.5000-1.RAW	1:52:32 PM	53.62			-10.1	-0.044	-0.044	ng/L	
Hg2600-3	00	SAM	F000073-AN	50	10/7/2020 13:56:42.5001-1.RAW	1:56:42 PM	1107.93			1044.2	4.461	4.461	ng/L	F009421
Hg2600-3	00	SAM	F000073-AO	50	10/7/2020 14:00:53.5002-1.RAW	2:00:53 PM	4101.79			4038.1	17.487	17.487	ng/L	F009421
Hg2600-3	00	SAM	F000073-AP	50	10/7/2020 14:05:02.5003-1.RAW	2:05:02 PM	2981.98			2918.3	12.615	12.615	ng/L	F009421
Hg2600-3	00	SAM	F000073-AQ	50	10/7/2020 14:09:12.5004-1.RAW	2:09:12 PM	5302.59			5238.9	22.712	22.712	ng/L	F009421
Hg2600-3	00	SAM	F000073-AR	50	10/7/2020 14:13:21.5005-1.RAW	2:13:21 PM	1672.64			1608.9	6.918	6.918	ng/L	F009421
Hg2600-3	00	SAM	F000073-AS	50	10/7/2020 14:17:31.5006-1.RAW	2:17:31 PM	2632.02			2568.3	11.092	11.092	ng/L	F009421
Hg2600-3	00	SAM	F000073-AT	50	10/7/2020 14:21:40.5007-1.RAW	2:21:40 PM	2884.05			2830.4	12.233	12.233	ng/L	F009421
Hg2600-3	00	SAM	F000073-AU	50	10/7/2020 14:25:50.5008-1.RAW	2:25:50 PM	184.95			131.3	0.489	0.489	ng/L	F009421
Hg2600-3	00	SAM	F000073-AV	50	10/7/2020 14:30:00.5009-1.RAW	2:30:00 PM	182.83			119.1	0.437	0.437	ng/L	F009421
Hg2600-3	00	SAM	F000047-05RE3	1000	10/7/2020 14:34:09.5010-1.RAW	2:34:09 PM	2965.01			2891.3	12.580	12.580	ng/L	F009421
Hg2600-3	00	CAL	SEQ-CCV3	1	10/7/2020 14:38:19.5011-1.RAW	2:38:19 PM	1227.42			1163.7	5.063	5.063	ng/L	F009384
Hg2600-3	00	CAL	SEQ-CCB3	1	10/7/2020 14:42:29.5012-1.RAW	2:42:29 PM	54.33			-9.4	-0.041	-0.041	ng/L	
Hg2600-3	00	SAM	F009384-MS5	1000	10/7/2020 14:46:38.5013-1.RAW	2:46:38 PM	3957.87			3894.2	16.943	16.943	ng/L	F009384
Hg2600-3	00	SAM	F009384-MSD5	1000	10/7/2020 14:50:48.5014-1.RAW	2:50:48 PM	3921.79			3858.1	16.786	16.786	ng/L	F009384
Hg2600-3	00	SAM	F000078-09RE2	20	10/7/2020 14:54:58.5015-1.RAW	2:54:58 PM	2896.97			2633.3	11.457	11.457	ng/L	F009413
Hg2600-3	00	SAM	F000078-09RE2	20	10/7/2020 14:59:08.5016-1.RAW	2:59:08 PM	1579.00			1515.3	6.593	6.593	ng/L	F009413
Hg2600-3	00	SAM	F000078-11RE2	20	10/7/2020 15:03:18.5017-1.RAW	3:03:18 PM	1332.33			1268.6	5.520	5.520	ng/L	F009413
Hg2600-3	00	SAM	F000078-22RE2	20	10/7/2020 15:07:28.5018-1.RAW	3:07:28 PM	2614.51			2550.8	11.098	11.098	ng/L	F009413
Hg2600-3	00	SAM	F009438-BS1	20	10/7/2020 15:11:38.5019-1.RAW	3:11:38 PM	3026.66			2963.0	12.891	12.891	ng/L	F009438
Hg2600-3	00	SAM	F009438-BS2	20	10/7/2020 15:15:48.5020-1.RAW	3:15:48 PM	2046.97			1983.3	8.655	8.655	ng/L	F009438
Hg2600-3	00	SAM	F009438-BS3	20	10/7/2020 15:19:58.5021-1.RAW	3:19:58 PM	2040.52			1976.8	8.627	8.627	ng/L	F009438
Hg2600-3	00	SAM	F009438-BS3	20	10/7/2020 15:24:07.5022-1.RAW	3:24:07 PM	2117.36			2053.7	8.961	8.961	ng/L	F009438
Hg2600-3	00	CAL	SEQ-CCV4	1	10/7/2020 15:28:17.5023-1.RAW	3:28:17 PM	1177.45			1113.8	4.846	4.846	ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-CCB4	1	10/7/2020 15:32:27	5024-1.RAW	3:32:27 PM	88.48			4.8	0.021	0.021	ng/L	
Hg2600-3	00	SAM	F009438-BS4	20	10/7/2020 15:36:37	5025-1.RAW	3:36:37 PM	2109.86	4		2046.2	8.929	178.573	ng/L	F009438
Hg2600-3	00	SAM	0100098-01	10	10/7/2020 15:40:46	5028-1.RAW	3:40:46 PM	59.55	4		-10.1	0.008	0.082	ng/L	F009438
Hg2600-3	00	BLK	F009438-BLK2	10	10/7/2020 15:44:56	5027-1.RAW	3:44:56 PM	51.76	4		-11.9	-0.052	-0.520	ng/L	F009438
Hg2600-3	00	BLK	F009438-BLK3	10	10/7/2020 15:48:06	5028-1.RAW	3:49:06 PM	51.58	4		-12.1	-0.053	-0.527	ng/L	F009438
Hg2600-3	00	SAM	F009442-BS1	20	10/7/2020 15:59:16	5029-1.RAW	3:59:16 PM	4389.17	5		4325.5	18.779	375.577	ng/L	F009442
Hg2600-3	00	SAM	F009442-BSD1	20	10/7/2020 16:01:35	5031-1.RAW	3:57:26 PM	4247.40	5		4183.7	18.162	363.241	ng/L	F009442
Hg2600-3	00	BLK	F009442-BLK2	10	10/7/2020 16:05:45	5032-1.RAW	4:01:35 PM	106.23	5		42.5	0.185	1.851	ng/L	F009442
Hg2600-3	00	BLK	F009442-BLK3	10	10/7/2020 16:09:55	5033-1.RAW	4:05:45 PM	95.65	5		32.0	0.139	1.390	ng/L	F009442
Hg2600-3	00	BLK	0100073-03	50	10/7/2020 16:14:05	5034-1.RAW	4:09:55 PM	44.99	5		-18.7	-0.081	-0.814	ng/L	F009442
Hg2600-3	00	CAL	SEQ-CCV5	1	10/7/2020 16:18:15	5035-1.RAW	4:14:05 PM	5785.053857	5		5721.4	24.876	1243.818	ng/L	F009442
Hg2600-3	00	CAL	SEQ-CCB5	1	10/7/2020 16:22:25	5036-1.RAW	4:18:15 PM	1173.37			1109.7	4.828	4.828	ng/L	
Hg2600-3	00	SAM	F009442-MS1	400	10/7/2020 16:26:35	5037-1.RAW	4:22:25 PM	61.25	5		-2.4	-0.011	-0.011	ng/L	
Hg2600-3	00	SAM	F009442-MSD1	400	10/7/2020 16:30:44	5038-1.RAW	4:26:35 PM	2674.33	5		2610.6	11.356	4542.544	ng/L	F009442
Hg2600-3	00	SAM	0100073-41	50	10/7/2020 16:34:54	5039-1.RAW	4:30:44 PM	2834.15	5		2770.5	12.052	4820.687	ng/L	F009442
Hg2600-3	00	SAM	F009442-MS2	400	10/7/2020 16:38:04	5040-1.RAW	4:34:54 PM	3477.57	5		3413.9	14.837	741.846	ng/L	F009442
Hg2600-3	00	SAM	0100073-04	50	10/7/2020 16:43:14	5041-1.RAW	4:39:04 PM	2641.31	5		2577.6	11.213	4485.079	ng/L	F009442
Hg2600-3	00	SAM	0100073-07	50	10/7/2020 16:47:24	5042-1.RAW	4:43:14 PM	2679.12	5		2615.4	11.377	4550.886	ng/L	F009442
Hg2600-3	00	SAM	0100073-09	50	10/7/2020 16:51:34	5043-1.RAW	4:47:24 PM	211.29	5		147.6	0.626	31.298	ng/L	F009442
Hg2600-3	00	SAM	0100073-10	50	10/7/2020 16:55:43	5044-1.RAW	4:51:34 PM	3040.37	5		2976.7	12.935	646.738	ng/L	F009442
Hg2600-3	00	SAM	0100073-11	50	10/7/2020 16:59:54	5045-1.RAW	4:55:43 PM	3406.84	5		3343.1	14.529	726.461	ng/L	F009442
Hg2600-3	00	CAL	SEQ-CCV6	1	10/7/2020 17:04:04	5046-1.RAW	4:59:54 PM	3986.25	5		3922.6	17.050	852.505	ng/L	F009442
Hg2600-3	00	CAL	SEQ-CCB6	1	10/7/2020 17:08:14	5047-1.RAW	5:04:04 PM	218.20	5		154.5	0.656	32.802	ng/L	F009442
Hg2600-3	00	SAM	0100073-17	50	10/7/2020 17:12:24	5048-1.RAW	5:08:14 PM	1134.20			1070.5	4.658	4.658	ng/L	
Hg2600-3	00	SAM	0100073-46	50	10/7/2020 17:16:34	5049-1.RAW	5:12:24 PM	57.78			-5.9	-0.026	-0.026	ng/L	
Hg2600-3	00	SAM	0100073-52	50	10/7/2020 17:20:44	5050-1.RAW	5:16:34 PM	2933.57	5		2869.9	12.470	623.505	ng/L	F009442
Hg2600-3	00	SAM	0100073-54	50	10/7/2020 17:24:54	5051-1.RAW	5:20:44 PM	3341.88	5		3278.2	14.247	712.330	ng/L	F009442
Hg2600-3	00	SAM	0100073-44	50	10/7/2020 17:28:04	5052-1.RAW	5:24:54 PM	2969.15	5		2905.5	12.625	631.246	ng/L	F009442
Hg2600-3	00	SAM	WS	50	10/7/2020 17:33:15	5053-1.RAW	5:29:04 PM	1761.67	5		1698.0	7.371	368.570	ng/L	F009442
Hg2600-3	00	SAM	0100073-93	50	10/7/2020 17:37:25	5054-1.RAW	5:33:15 PM	39.36			-24.3	Error	#VALUE!	ng/L	
Hg2600-3	00	CAL	SEQ-CCV7	1	10/7/2020 17:41:35	5055-1.RAW	5:37:25 PM	3344.71	6		3281.0	14.275	713.755	ng/L	F009420
Hg2600-3	00	CAL	SEQ-CCB7	1	10/7/2020 17:45:46	5056-1.RAW	5:41:35 PM	1152.44			1088.7	4.737	4.737	ng/L	
Hg2600-3	00	CAL	SEQ-CCB7	1	10/7/2020 17:45:46	5056-1.RAW	5:45:45 PM	60.24			-3.4	-0.015	-0.015	ng/L	

P1

Total Mercury
EPA1631

Operator: MFS
Worksh: Thg2600
Method: #333 R:
Description: Thg26003-201007-1

BlankSI: 63.693
CallibFa: 229.84
R: 0.9996
R2: 0.9992

Conc = (Area-63.69)
QC Warnings: 7/QC E
Blank RSD%: 0.9992

Run Date: 10/7/2020
Run Time: 11:16:04

Blank SD:
9.02591189
14.1709359
11.50893238
5.007316124

Sample ID	Location	Blank	Conc (ppb)	MB%	Final Conc	Rec%	CA	Raw Data	CF RSD%	Raw Data	Run End	Peak (Raw)	Control (Ref)	Flags	Run Count	Comment
WS		0.00	5.23									1201.84	Clean	OK	1	
WS		63.69	0.00									46.42	Sample	OK	1	
WS		63.69	0.00									45.60	Sample	OK	1	
WS		63.69	0.00									42.42	Sample	OK	1	
SEQ-IBL1	A1	0.00	0.27									62.78	Sample	OK	1	
SEQ-IBL2	A2	0.00	0.24									55.16	Sample	OK	1	
SEQ-IBL3	A3	0.00	0.32									73.14	Sample	OK	1	
SEQ-CAL1	A4	0.00	0.54									187.63	Sample	OK	1	
SEQ-CAL2	A5	63.69	4.90	107.85								294.11	Sample	OK	1	
SEQ-CAL3	A6	63.69	4.90	100.25								1190.70	Sample	OK	1	
SEQ-CAL4	A7	63.69	18.82	98.07								4389.20	Sample	OK	1	
SEQ-CAL5	A8	63.69	39.89	94.10								9233.07	Sample	OK	1	
SEQ-ICV1	A9	63.69	5.36	99.74								1295.48	Sample	OK	1	
SEQ-ICB1	A10	63.69	0.07	107.19								80.79	Sample	OK	1	
F009421-BS1	A11	63.69	19.52	0.00								4551.07	Sample	OK	1	
F009421-RSD1	A12	63.69	18.41	19.52								4296.20	Sample	OK	1	
F009421-BLK1	A13	63.69	0.31	18.41								133.86	Sample	OK	1	
F009421-BLK2	A14	63.69	0.84	0.31								257.73	Sample	OK	1	
F009421-BLK3	A15	63.69	0.08	0.84								81.59	Sample	OK	1	
0100073-AC	A16	63.69	6.03	0.08								1449.93	Sample	OK	1	
F009421-MS1	A17	63.69	13.03	6.03	185.33							3058.73	Sample	OK	1	
F009421-MSD1	A18	63.69	10.44	13.03								2462.61	Sample	OK	1	
0100073-AD	A19	63.69	2.74	10.44								694.40	Sample	OK	1	
F009421-MS2	A20	63.69	9.21	2.74								2181.01	Sample	OK	1	
SEQ-CCV1	A21	63.69	5.20	9.21	194.18							1259.24	Sample	OK	1	
SEQ-CCB1	B1	63.69	0.00	5.20	104.03							60.73	Sample	OK	1	
F009421-MSD2	B2	63.69	9.92	0.00								2320.48	Sample	OK	1	
0100073-AE	B3	63.69	8.03	9.92								1909.44	Sample	OK	1	
0100073-AF	B4	63.69	10.56	8.03								2490.59	Sample	OK	1	
0100073-AG	B5	63.69	14.85	10.56								3477.44	Sample	OK	1	
0100073-AH	B6	63.69	4.41	14.85								1076.38	Sample	OK	1	
0100073-AI	B7	63.69	11.98	4.41								2817.06	Sample	OK	1	
0100073-AJ	B8	63.69	13.18	11.98								3093.14	Sample	OK	1	
0100073-AK	B9	63.69	13.20	13.18								3097.82	Sample	OK	1	
0100073-AL	B10	63.69	3.38	13.20								840.69	Sample	OK	1	
0100073-AM	B11	63.69	5.29	3.38								1280.57	Sample	OK	1	
SEQ-CCV2	B12	63.69	5.18	5.29	103.52							1253.35	Sample	OK	1	
SEQ-CCB2	B13	63.69	0.00	5.18	0.00							53.62	Sample	OK	1	
0100073-AN	B14	63.69	4.54	0.00								1107.93	Sample	OK	1	
0100073-AO	B15	63.69	17.57	4.54								4101.79	Sample	OK	1	
0100073-AP	B16	63.69	12.70	17.57								5302.59	Sample	OK	1	
0100073-AQ	B17	63.69	22.79	12.70								1672.64	Sample	OK	1	
0100073-AR	B18	63.69	7.00	22.79								2632.02	Sample	OK	1	
0100073-AS	B19	63.69	11.17	7.00								184.95	Sample	OK	1	
0100073-AT	B20	63.69	12.31	11.17								194.95	Sample	OK	1	
0100073-AU	B21	63.69	0.57	12.31										OK	1	

P-7

0100073-AV	C1	63.69	0.52	5009-1.RAW	14:30:00	182.83	Sample	OK	1	F009421
0100047-65RES	C2	63.69	12.58	5010-1.RAW	14:34:09	2955.01	Sample	OK	1	F009384
SEQ-CCB3	C3	63.69	5.06	5011-1.RAW	14:38:19	1227.42	Sample	OK	1	
SEQ-CCB3	C4	63.69	0.00	5012-1.RAW	14:42:29	54.33	Sample	OK	1	
F009384-MS5	C5	63.69	16.94	5013-1.RAW	14:46:38	3957.87	Sample	OK	1	F009384
F009384-MSD5	C6	63.69	16.79	5014-1.RAW	14:50:48	3921.79	Sample	OK	1	F009384
0100078-09RE2	C7	63.69	11.46	5015-1.RAW	14:54:58	2696.97	Sample	OK	1	F009413
0100078-10RE2	C8	63.69	6.59	5016-1.RAW	14:59:08	1579.00	Sample	OK	1	F009413
0100078-11RE2	C9	63.69	5.52	5017-1.RAW	15:03:18	1332.33	Sample	OK	1	F009413
0100078-11RE2	C10	63.69	11.10	5018-1.RAW	15:07:28	2614.51	Sample	OK	1	F009413
0100078-22RE2	C11	63.69	12.89	5019-1.RAW	15:11:38	3026.66	Sample	OK	1	F009413
F009438-BS1	C12	63.69	8.63	5020-1.RAW	15:15:48	2046.97	Sample	OK	1	F009438
F009438-BS2	C13	63.69	8.60	5021-1.RAW	15:19:58	2040.52	Sample	OK	1	F009438
F009438-BS3	C14	63.69	8.94	5022-1.RAW	15:24:07	2117.36	Sample	OK	1	F009438
SEQ-CCV4	C15	63.69	4.85	5023-1.RAW	15:28:17	1177.45	Sample	OK	1	
SEQ-CCB4	C16	63.69	0.02	5024-1.RAW	15:32:27	68.48	Sample	OK	1	
F009438-BS4	C17	63.69	8.90	5025-1.RAW	15:36:37	2109.86	Sample	OK	1	F009438
0100096-01	C18	63.69	0.00	5026-1.RAW	15:40:46	53.55	Sample	OK	1	F009438
F009438-BLK2	C19	63.69	0.00	5027-1.RAW	15:44:56	51.75	Sample	OK	1	F009438
F009438-BLK3	C20	63.69	0.00	5028-1.RAW	15:49:06	51.58	Sample	OK	1	F009438
F009442-BS1	C21	63.69	18.82	5029-1.RAW	15:53:16	4389.17	Sample	OK	1	F009442
F009442-BSD1	A1	63.69	18.20	5030-1.RAW	15:57:26	4247.40	Sample	OK	1	F009442
F009442-BLK1	A2	63.69	0.19	5031-1.RAW	16:01:35	106.23	Sample	OK	1	F009442
F009442-BLK2	A3	63.69	0.14	5032-1.RAW	16:05:45	95.65	Sample	OK	1	F009442
F009442-BLK3	A4	63.69	0.00	5033-1.RAW	16:09:55	44.99	Sample	OK	1	F009442
0100073-03	A5	63.69	24.89	5034-1.RAW	16:14:05	5785.05	Sample	OK	1	F009442
SEQ-CCV5	A6	63.69	4.83	5035-1.RAW	16:18:15	1173.37	Sample	OK	1	
SEQ-CCB5	A7	63.69	0.00	5036-1.RAW	16:22:25	61.25	Sample	OK	1	
F009442-MS1	A8	63.69	11.36	5037-1.RAW	16:26:35	2674.33	Sample	OK	1	F009442
F009442-MSD1	A9	63.69	12.05	5038-1.RAW	16:30:44	2634.15	Sample	OK	1	F009442
0100073-41	A10	63.69	14.85	5039-1.RAW	16:34:54	3477.57	Sample	OK	1	F009442
F009442-MS2	A11	63.69	11.21	5040-1.RAW	16:39:04	2641.31	Sample	OK	1	F009442
F009442-MSD2	A12	63.69	11.38	5041-1.RAW	16:43:14	2679.12	Sample	OK	1	F009442
0100073-04	A13	63.69	0.64	5042-1.RAW	16:47:24	211.29	Sample	OK	1	F009442
0100073-07	A14	63.69	12.95	5043-1.RAW	16:51:34	3040.37	Sample	OK	1	F009442
0100073-08	A15	63.69	14.55	5044-1.RAW	16:55:43	3406.84	Sample	OK	1	F009442
0100073-10	A16	63.69	17.07	5045-1.RAW	16:59:54	3986.25	Sample	OK	1	F009442
0100073-11	A17	63.69	0.67	5046-1.RAW	17:04:04	218.20	Sample	OK	1	F009442
SEQ-CCV6	A18	63.69	4.66	5047-1.RAW	17:08:14	1134.20	Sample	OK	1	
SEQ-CCB6	A19	63.69	0.00	5048-1.RAW	17:12:24	57.78	Sample	OK	1	
0100073-17	A20	63.69	12.49	5049-1.RAW	17:16:34	2933.57	Sample	OK	1	F009442
0100073-46	A21	63.69	14.26	5050-1.RAW	17:20:44	3341.88	Sample	OK	1	F009442
0100073-52	B1	63.69	12.94	5051-1.RAW	17:24:54	2969.15	Sample	OK	1	F009442
0100073-44	B2	63.69	7.39	5052-1.RAW	17:29:04	1761.67	Sample	OK	1	F009442
WS	B3	63.69	0.00	5053-1.RAW	17:33:15	39.36	Sample	OK	1	
0100073-93	B4	63.69	14.28	5054-1.RAW	17:37:25	3344.71	Sample	OK	1	F009420
SEQ-CCV7	B5	63.69	4.74	5055-1.RAW	17:41:35	1152.44	Sample	OK	1	
SEQ-CCB7		63.69	0.00	5056-1.RAW	17:45:45	60.24	Sample	OK	1	
WS				5057-1.RAW	17:49:56	30.24	Sample	OK	1	
WS				5058-1.RAW	17:54:07	26.22	Sample	OK	1	
WS				5059-1.RAW	17:58:18	23.47	Sample	OK	1	

P43

WS
WS

5060-1.RAW
5061-1.RAW

18:02:28
18:06:39

20.43 Sample
21.49 Sample

OK
OK

1

SEQ-IBL1	A1	SEQ-CCV2	B12		
SEQ-IBL2	A2	SEQ-CCB2	B13		
SEQ-IBL3	A3	0I00073-AN	B14		
SEQ-CAL1	A4	0I00073-AO	B15		
SEQ-CAL2	A5	0I00073-AP	B16		
SEQ-CAL3	A6	0I00073-AQ	B17		
SEQ-CAL4	A7	0I00073-AR	B18	F009442-BLK1	A2
SEQ-CAL5	A8	0I00073-AS	B19	F009442-BLK2	A3
SEQ-ICV1	A9	0I00073-AT	B20	F009442-BLK3	A4
SEQ-ICB1	A10	0I00073-AU	B21	0I00073-03	A5
F009421-BS1	A11	0I00073-AV	C1	SEQ-CCV5	A6
F009421-BSD1	A12	0I00047-65RE3	C2	SEQ-CCB5	A7
F009421-BLK1	A13	SEQ-CCV3	C3	F009442-MS1	A8
F009421-BLK2	A14	SEQ-CCB3	C4	F009442-MSD1	A9
F009421-BLK3	A15	F009384-MS5	C5	0I00073-41	A10
0I00073-AC	A16	F009384-MSD5	C6	F009442-MS2	A11
F009421-MS1	A17	0I00078-08RE2	C7	F009442-MSD2	A12
F009421-MSD1	A18	0I00078-09RE2	C8	0I00073-04	A13
0I00073-AD	A19	0I00078-10RE2	C9	0I00073-07	A14
F009421-MS2	A20	0I00078-11RE2	C10	0I00073-09	A15
SEQ-CCV1	A21	0I00078-22RE2	C11	0I00073-10	A16
SEQ-CCB1	B1	F009438-BS1	C12	0I00073-11	A17
F009421-MSD2	B2	F009438-BS2	C13	SEQ-CCV6	A18
0I00073-AE	B3	F009438-BS3	C14	SEQ-CCB6	A19
0I00073-AF	B4	SEQ-CCV4	C15	0I00073-17	A20
0I00073-AG	B5	SEQ-CCB4	C16	0I00073-46	A21
0I00073-AH	B6	F009438-BS4	C17	0I00073-52	B1
0I00073-AI	B7	0I00096-01	C18	0I00073-44	B2
0I00073-AJ	B8	F009438-BLK2	C19	WS	
0I00073-AK	B9	F009438-BLK3	C20	0I00073-93	B3
0I00073-AL	B10	F009442-BS1	C21	SEQ-CCV7	B4
0I00073-AM	B11	F009442-BSD1	A1	SEQ-CCB7	B5

Verified by: *[Signature]* 10/8/20

ANALYSIS SEQUENCE

0J10004

0J09001/0J09002
Attached

Instrument: Hg2700-1



Calibration ID: UNASSIGNED

Analyzed: 10/8/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J10004-IBL1	QC	1			
0J10004-CAL1	QC	2	2002026		
0J10004-CAL2	QC	3	2002027		
0J10004-CAL3	QC	4	2002028		
0J10004-CAL4	QC	5	2002029		
0J10004-CAL5	QC	6	2002030		
0J10004-ICV1	QC	7	2001845		
0J10004-ICB1	QC	8			
0J10004-CCV1	QC	9	2001845		
0J10004-CCB1	QC	10			
0J10004-CCV2	QC	11	2001845		
0J10004-CCB2	QC	12			
0J10004-CCV3	QC	13	2001845		
0J10004-CCB3	QC	14			
F010342-BS1	QC	15			
F010342-BSD1	QC	16			
F010342-BLK1	QC	17			
F010342-BLK2	QC	18			
F010342-BLK3	QC	19			
F010342-BLK4	QC	20			
0I00111-01	MHg-CVAFS-S-KOH	21			BatchQC
0I00111-01	MHg-CVAFS-S-KOH-Nutra	22			
0I00111-01	MHg-CVAFS-T-KOH	23			BatchQC
F010342-MS1	QC	24			
F010342-MSD1	QC	25			
0J10004-CCV4	QC	26	2001845		
0J10004-CCB4	QC	27			
0I00109-01	MHg-CVAFS-S-KOH	28			BatchQC
0I00109-01	MHg-CVAFS-S-KOH-Nutra	29			
0I00109-01	MHg-CVAFS-T-KOH	30			BatchQC
F010342-MS2	QC	31			
F010342-MSD2	QC	32			
0I00073-48	MHg-CVAFS-S-KOH	33			
0I00073-49	MHg-CVAFS-S-KOH	34			
0I00109-02	MHg-CVAFS-S-KOH-Nutra	35			
0J00003-01	MHg-CVAFS-T-KOH	36			

QUALITY ASSURANCE
PEER-REVIEWED
INITIALS: DGS

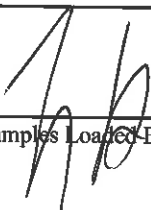
Scan all data for level IV report

Instrument: Hg2700-1

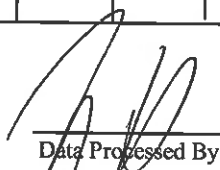
Calibration ID: UNASSIGNED

Analyzed: 10/8/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J00007-01	MHg-CVAFS-S-KOH-Nutra	37			
0J00008-01	MHg-CVAFS-S-KOH-Nutra	38			
0J00009-01	MHg-CVAFS-S-KOH-Nutra	39			
0J10004-CCV5	QC	40	2001845		
0J10004-CCB5	QC	41			
0J00010-01	MHg-CVAFS-S-KOH-Nutra	42			
0J00010-02	MHg-CVAFS-S-KOH-Nutra	43			
0J00017-01	MHg-CVAFS-S-KOH-Nutra	44			
0J10004-CCV6	QC	45	2001845		
0J10004-CCB6	QC	46			
0I00108-01	MHg-CVAFS-T-KOH	47			
0I00108-04	MHg-CVAFS-T-KOH	48			
0I00108-02	MHg-CVAFS-T-KOH	49			
0I00108-03	MHg-CVAFS-T-KOH	50			
0I00108-05	MHg-CVAFS-T-KOH	51			
0J10004-CCV7	QC	52	2001845		
0J10004-CCB7	QC	53			


Samples Loaded By

10/10/2020
Date


Data Processed By

10/10/2020
Date

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: <u>ZKH</u>	Sequence #: <u>0J10001</u>
Reviewer: _____	Dataset ID #: <u>MHg27001-201008-1</u>
Date: <u>10/10/2020</u>	WO #: <u>Multiple</u>
Batch #(s): <u>F010342</u>	

• Select the correct preparation method.

Additional Comments:

Analyte	Prep Method	Matrix
<input type="checkbox"/> MHg	SOP2797 MHg Distillation	Water
<input checked="" type="checkbox"/> MHg	SOP2986 KOH/MeOH Digest	Tissue
<input type="checkbox"/> MHg	SOP5134 MeCl Extraction	Sed/Soil
<input type="checkbox"/> DMHg	SOP2816 (None Accredited method)	ALL

	Analyst Initials:	Reviewer Initials/Date:	
	<u>ZKH</u>	<u>RGS</u>	
1. Compare Sample ID with Bench sheet/Sequence/Raw Data (Have all samples been imported?)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
2. Check for transcription errors from Excel spreadsheet (or Prep Bench sheet)/Raw data	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(a) Reviewer: 100% of peak heights checked	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(b) Are there peak height errors?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(c) Error on a sample: Do peak heights, responses, & initial results match corrected data?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(d) Error on a Cal Pt, ICB/CCB, or PB: Has the data been reimported?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(e) Check standards & reagents in sequence & bench sheet for correct usage (i.e. expiries).	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(f) Check and compare masses (review prep bench sheet)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(g) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(h) Do aliquots and dilutions written on benchsheet match those in Excel?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(i) Is the pH>3.0 for all distilled samples?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/>
(j) Is the sequence #, analyst, date, and instrument # on the QC page?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(k) Is the analysis status correct? (analyzed/initial review/reviewed)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(l) Original prep bench sheet added to data package?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(m) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
3. High QA? <u>WO#(s)/Client(s):</u>	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
4. Client specific QC? (if Yes, refer to Project Notes/LIMS)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(a) Have the QC requirements been met for all WO#s?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/>
5. 20 or fewer samples in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(a) 3 PBs, 1 LCS/LCSD (or BS/BSD), 2 MS/MSD/MD per batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
(b) 1 CCV and 1 CCB every 10 analytical runs?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
QA/QC Data Checked			
6. The calibration curve included a minimum of 5 Standards	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A
Comments: _____			
7. 1st Calibration Standard % Recoveries (65-135%)	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> N/A
Comments: _____			
8. RSD CF (≤ 15%)	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments: _____			

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: OJ10001
Reviewer: 0	Dataset ID #: MHg27001-201008-1
Date: 10/10/2020	WO #: 0
Batch #(s): F010342	

Analyst Initials: ZKH **Reviewer Initials/Date:** 065

- | | | | |
|--|---|--------------------------|--------------------------|
| <p>9. ICV % Recoveries 67-133%</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>10. CCV % Recoveries 67-133%</p> <p>Comments: <u>CCV3 failed</u></p> | <input type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>11. Are the absolute value of the ICB and CCBs < PQL?</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>12. LCS/LCSD/CRM/BS/BSD % Recoveries (70-130%)</p> <p>Comments: <u>BS's rerun</u></p> | <input checked="" type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>13. LCS/LCSD or BS/BSD RPD (< 25%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>14. Water: Average of Preparation Blanks < 0.045 ng/L and standard deviation of 0.015 ng/L?</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> FAIL <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>15. Sediment/Tissue: Individually, are the Preparation Blanks < PQL for the matrix?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>16. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done)</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>17. Is the correct 'Source' designated for MD/MS/MSD?</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>18. For digested preps: was there a spike witness signature & date on the prep bench sheet?</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>19. MD RPD/MT RSD(< 35%)</p> <p>Comments: <u>NA</u></p> | <input type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>20. Is there one set of MS/MSD per every 10 samples?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>21. MS/MSD RPD(< 35%)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>22. MS (AS) % Recoveries (65-130%)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>23. MSD (ASD) % Recoveries (65-130%)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>24. Spiked 1-5X ambient or 1-5X PQL (whichever is higher) (from EPA 1630)</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>25. Are all samples within instrument calibration range (or at maximum aliquot size)?</p> <p>Comments: <u>030007-01 overcurve but under cal 5</u></p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>26. For instrumental dilutions, is the dilution factor in excel correct?</p> <p>Is the sample volume, diluents, and final volume of the dilution noted on benchsheet?</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO <input type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>27. Dissolved < Total metals (if applicable)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>28. Effluent < Influent metals (visually confirm if needed)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J10001
Reviewer: 0	Dataset ID #: MHg27001-201008-1
Date:	WO #: 0
Batch #(s): F010342	

Analyst Initials:

Reviewer Initials/Date:

ZKH

PGS

- | | | | | |
|--|---|--|---|--------------------------|
| 29. Are re-runs noted with reason?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 30. For failing QC (CCV, CCB, PB, BS/BSD, CAL):
Was a bubbler and trap test run before the analytical run continued?
Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 31. Do re-run results compare to initial analysis (< 35% RPD)?
Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 32. Are qualifiers consistent with the data review flowcharts?
Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 33. Have non-reportable samples been imported into LIMS and clicked to non-reportable?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 34. Have re-extracts been created for non-reportable samples? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 35. Narrations in MMO box in LIMS?
Comments: _____ | | | | |
| 36. Are there any HIGH QA projects within the data?
If so, place dataset to the QA office. | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | | |
| 37. Does the data set need scanning? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |

Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\IDOCs

- | | | | | |
|--|---|-----------------------------|------------------------------|--------------------------|
| 38. Date of analyst IDOC/CDOC: _____ IDOC/CDOC within last 12 months? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| 39. Date of analyst's SOP reading: _____ Current SOP revision? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| 40. Date of LOD: <u>8/24/2020</u> LOD within last 3 months (within 12 months for MDN)? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 41. Date of LOQ: <u>8/24/2020</u> LOQ within last 3 months (within 12 months for MDN)? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 42. If MDN samples, date of last MDL study: _____ | | | | |
| 43. MDL study within last 12 months? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

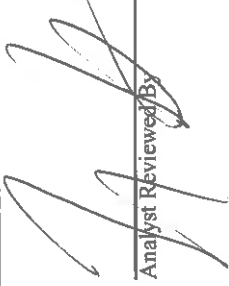
- | | | | | |
|----------------------|------------------------------|-----------------------------|--|--------------------------|
| Additional Comments: | <input type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
|----------------------|------------------------------|-----------------------------|--|--------------------------|

Failing Data Report - 0J10004

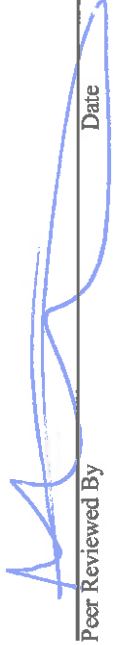
Sample ID Analysis Result MRL Dup Result Source Result True Value Units % Rec. Rec. LCL Rec. UCL RPD RPD Limit Over Cal Failure Qualifier

0J00007-01 MHg-CVAFS-S-KOH-Nutra 842 9.3 842 9.3 FAIL-OVER PASS

ng/g


 Analyst Reviewed By

10/10/2020
 /Date


 Peer Reviewed By

Date

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: ZKH 10/9/2020
Upload/Date: ZKH 10/9/2020

Samples to lab: 10/18/2020
Reviewer/Date: MPS 10/9/20

Batch #: FU1034Z

EFGS Preparation Method			
<input type="checkbox"/>	SOP2836	Oven Digestion (Total Recoverable Metals)	<input type="checkbox"/> ICPMS <input type="checkbox"/> AFS
<input type="checkbox"/>	SOP2837	Tissue Nitric Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2840	Modified Aqua Regia	
<input type="checkbox"/>	SOP2820	RP	
<input type="checkbox"/>	SOP2821	HF Bomb Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2825	Nitric Bomb Digestion	<input type="checkbox"/> ICPMS <input type="checkbox"/> CVAFS
<input type="checkbox"/>	SOP2893	Oven Digestion (As, Se Speciation)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (Nutraceuticals)	
<input type="checkbox"/>	SOP5145	Microwave Digestion (3051)	
<input checked="" type="checkbox"/>	NA	Other: <u>As, Se Speciation</u>	

Initials	SOP Date	DOC Date
<u>ZKH</u>	<u>7/4/2020</u>	<u>7/4/2020</u>
Comments: _____		

Conditionally formatted training files located at:
\\us34file\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analyses: MHg

		Reviewer Initials	<u>MPS</u>	Tertiary Review	<u>VEM</u>
1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
If YES, notify supervisor and technician immediately.					
2. Check prep method	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(a) For Ceuticals: Is correct Hg code being used in LIMS?	<input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
3. Compare sample ID & container ID with benchsheet & in LIMS	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
4. Check for transcription errors from benchsheet	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(a) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(b) Check and compare mass	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(c) Has the number of pills been documented (Special Info 5 in benchsheet)?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(d) Have assay logbook copies been attached & avg masses entered?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(e) For re-digests, have e-mails been attached and verified?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(f) Benchsheet prep date MUST match actual prep date	<input checked="" type="checkbox"/> YES		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
5. Samples per Batch? Check QC Requirements	<input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(a) PBs per batch?	<input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(b) Are pre and post homogenization blanks in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(c) BS, BS/BSD or CRM in batch?	<input type="checkbox"/> BS <input type="checkbox"/> BS/BSD <input checked="" type="checkbox"/> CRM		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(d) MS/MSD in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(e) MD in batch?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(f) Is there at least one duplicate QC source in batch?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(g) Are there any client specific requests, QC requests, etc?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
Document:					
(h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(i) Correct 'source' designated for MD/MS/MSD?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(j) For EFGS-filtered samples, was a filtration blank included?	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
6. Special prep requirements?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(a) For 1638: Have samples sat for 48 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(b) For 200.8: Have samples sat for 16 hours after preservation?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(c) For DOD have pipettes been calibrated day of prep?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
7. Are the samples appropriately spiked?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(a) Is the spike and amount used appropriate and entered into LIMS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
(c) Spikes added:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID: _____

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
<u>DOB M-4</u>	<u>1905023</u>	<u>NA</u>			
<u>100ng/mL MHg</u>	<u>2009023</u>	<u>100</u>			

PREPARATION BENCH SHEET

F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 10/7/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F010342-BLK1	Blank	0.25	20					
F010342-BLK2	Blank	0.25	20					
F010342-BLK3	Blank	0.25	20					
F010342-BLK4	Filter Blank	0.264	20					0J000003-02A - ZKH 10/7/2020
F010342-BS1	LCS	0.1285	20	1905023	128.5			
F010342-BSD1	LCS Dup	0.1294	20	1905023	129.4			
F010342-MS1	Matrix Spike [0I00111-01]	0.25	20	2002023	100			
F010342-MS2	Matrix Spike [0I00109-01]	0.26	20	2002023	100			
F010342-MSD1	Matrix Spike Dup [0I00111-01]	0.2656	20	2002023	100			
F010342-MSD2	Matrix Spike Dup [0I00109-01]	0.2661	20	2002023	100			

Standard ID(s):	1905023	Description:	DORM-4	Expiration:	01-Jun-21 00:00
	2002023		MHg New Primary 100 ng/mL spike		01-Jun-21 00:00
					24-Aug-21 00:00
Reagent ID(s):	2000603	Description:	Methanol, HPLC Grade	Expiration:	31-Oct-24 00:00
	2002392		25% KOH/Methanol		05-Apr-21 00:00

PREPARATION BENCH SHEET

F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 10/7/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-48	OV-01_091820_SED_00-01	0.2567	20	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	0.263	20	-	-	S&R		
0100108-01	SR-SPT05-TI	0.0656	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-02	TM-SPT01-TI	0.0554	10	-	-	eezer 23		
0100108-03	TM-SPT02-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-04	DUP01-SPT-TI	0.0439	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-05	MS01-SPT-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100109-01	468-2020-09290366	0.2679	20	-	-	010104	801 159 G	
0100109-02	468-2020-09290367	0.26	20	-	-	010104	801 159 G	
0100111-01	464-2020-09250858	0.263	20	-	-	010104	Stability Study #2883 - Ninc SS=5ML.1	Added for BatchQC in: F010342
0100003-01	OL-3563-01	0.0287	10	-	-	i Refriger		
0100007-01	468-2020-10010205	0.269	20	-	-	140103	Pre weight - 86.7664, Post weight - 87.1	SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100008-01	468-2020-10010214	0.2652	20	-	-	140103	1223579 ROANGE ROUGHY	
0100009-01	468-2020-10010226	0.257	20	-	-	140103	25551 SHRIMP	
0100010-01	468-2020-10010215	0.2538	20	-	-	140103	77269 AHI	
0100010-02	468-2020-10010216	0.2563	20	-	-	140103	1259349 20/30 WILD SHRIMP	
0100017-01	464-2020-10010778	0.2535	20	-	-	010301	1259349 20/30 WILD SHRIMP	
							Stability Study #2891 - LiveBiotics Imr	

PREPARATION BENCH SHEET

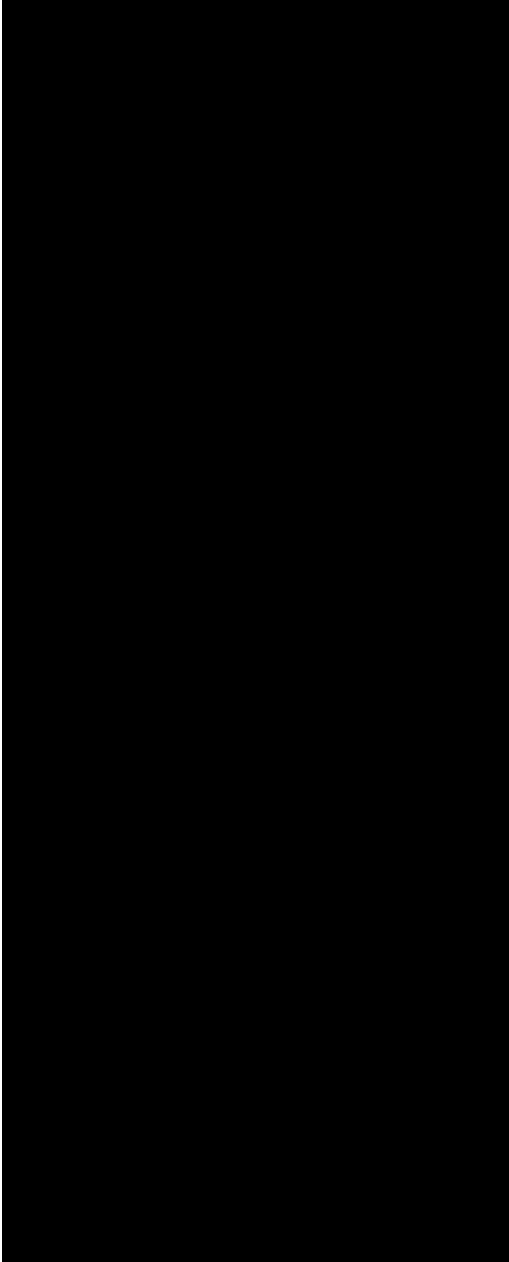
F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/7/2020



Technician: ZKH Batch#: F010342 Date: 10/7/2020

- EFAS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EFAS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EFAS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EFAS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR: 18-25°C for over four hours.

Other: 21 Vial Type: Glass Teflon
 Balance #: 1447 Calibrated? Yes No Therm. #: 1404/8012 Calibrated? Yes No
 *Time in: 1447 Actual Temp. (raw): 73.4 °C w/ CF: 31.9 °C *Time in can't begin before target temperature is reached
 Time out: 1818 Actual Temp. (raw): 77.7 °C w/ CF: 76.2 °C

Final vol.: 20 mL (LIMS ID: 0000608) BS Spike vol.: NA µL (LIMS ID: 1905023)
 Spike Witness: WU 10-12080 (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2007023)
 HCl LIMS ID: NA Pipette SN#: PU30538 Calibration Date: 10/5/2020
 HNO₃ LIMS ID: NA Pipette SN#: NU09653 Calibration Date: 10/7/2020
 70/30 LIMS ID: NA Dispenser #: 19730379 Calibrated? Yes No
 Other Acid LIMS ID: 2003392 (25% v/v MeOH) Dispenser #: NA
 Glass Vial # 00078010 Boiling Chip lot # 2008050 *Hotblock Position: G7

Vial #	Sample ID Number	Container ID	Sample Size mL/g	Vial #	Sample ID Number	Container ID	Sample Size mL/g	CRM LIMS ID
1	F010342-8L1	D	0.2613	19	F010342-01	A	0.2600	DORM-4
2	F010342-8L2	D	0.2571	20	F010342-02	B	0.2587	1905023
3	F010342-8L3	D	0.2638	21	F010342-03	A	0.2696	
4	F010342-8L4	O1A	0.1285	22	F010342-04	A	0.2652	
5	F010342-8L5	O2A	0.1294	23	F010342-05	A	0.2570	
6	F010342-8L6	A	0.2630	24	F010342-06	A	0.2538	
7	F010342-8L7	A	0.2500	25	F010342-07	A	0.2503	
8	F010342-8L8	A	0.2650	26	F010342-08	B	0.2535	
9	F010342-8L9	A	0.2639	27	F010342-09	A	0.2640	
10	F010342-8L10	A	0.2600	28				
11	F010342-8L11	A	0.2601	29				
12	F010342-8L12	A	0.2567	30				
13	F010342-8L13	A	0.2630	31				
14	F010342-8L14	C	0.2654	32				
15	F010342-8L15	B	0.0508	33				
16	F010342-8L16	B	0.0439	34				
17	F010342-8L17	B	0.0508	35				
18	F010342-8L18	R	0.0656	36				

Hotblock diagram located in back of logbook
 Verified By: MPS 10/8/20

PREPARATION BENCH SHEET

F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue **Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg** **Prepared: 10/7/2020**

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F010342-BLK1	Blank	0.25	20					
F010342-BLK2	Blank	0.25	20					
F010342-BLK3	Blank	0.25	20					
F010342-BLK4	Filter Blank	0.264	20					0100003-02A - ZKH 10/7/2020
F010342-BS1	LCS	0.1285	20	1905023	128.5			
F010342-BS2	LCS	0.1285	20	1905023	128.5			
F010342-BSD1	LCS Dup	0.1294	20	1905023	129.4			
F010342-BSD2	LCS Dup	0.1294	20	1905023	129.4			
F010342-MS1	Matrix Spike [0100111-01]	0.25	20	2002023	100			
F010342-MS2	Matrix Spike [0100109-01]	0.26	20	2002023	100			
F010342-MS3	Matrix Spike [0100111-01]	0.25	20	2002023	100			
F010342-MS4	Matrix Spike [0100109-01]	0.2661	20	2002023	100			
F010342-MSD1	Matrix Spike Dup [0100111-01]	0.2656	20	2002023	100			
F010342-MSD2	Matrix Spike Dup [0100109-01]	0.2661	20	2002023	100			
F010342-MSD3	Matrix Spike Dup [0100111-01]	0.2656	20	2002023	100			
F010342-MSD4	Matrix Spike Dup [0100109-01]	0.26	20	2002023	100			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
1905023	DORM-4	01-Jun-21 00:00	2000603	Methanol, HPLC Grade	31-Oct-24 00:00
	MHg New Primary 100 ng/mL spike	01-Jun-21 00:00	2002021	Acetate Buffer	19-Feb-21 00:00
2002023		24-Aug-21 00:00	2002191	Ethylating Agent (For Methyl Mercury Analysis)	09-Dec-20 00:00
			2002391	2.5% Ascorbic Acid	14-Oct-20 00:00
			2002392	2.5% KOH/Methanol	05-Apr-21 00:00

PREPARATION BENCH SHEET

F010342

Eurofins Frontier Global Sciences, LLC

Prepared: 10/7/2020

Matrix: Tissue Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-48	OV-01_091820_SED_00-01	0.2567	20	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	0.263	20	-	-	S&R		
0100108-01	SR-SPT05-TI	0.0656	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-02	TM-SPT01-TI	0.0554	10	-	-	eezer 23		
0100108-03	TM-SPT02-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-04	DUP01-SPT-TI	0.0439	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100108-05	MS01-SPT-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100109-01	468-2020-09290366	0.2679	20	-	-	010104	801 159 G BatchQC	Added for BatchQC in: F010342
0100109-02	468-2020-09290367	0.26	20	-	-	010104	801 159 G	
0100111-01	464-2020-09250858	0.263	20	-	-	010104	Stability Study #2883 - Ninc SS=5ML	Added for BatchQC in: F010342
0100003-01	OL-3563-01	0.0287	10	-	-	i Refriger	Pre weight - 86.7664, Post weight - 87.0	SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0100007-01	468-2020-10010205	0.269	20	-	-	140103	1223579 ROANGE ROUGHY	
0100008-01	468-2020-10010214	0.2652	20	-	-	140103	25551 SHRIMP	
0100009-01	468-2020-10010226	0.257	20	-	-	140103	77269 AHI	
0100010-01	468-2020-10010215	0.2538	20	-	-	140103	1259349 20/30 WILD SHRIMP	
0100010-02	468-2020-10010216	0.2563	20	-	-	140103	1259349 20/30 WILD SHRIMP	
0100017-01	464-2020-10010778	0.2535	20	-	-	010301	Stability Study #2891 - LiveBiotics lmr	

PREPARATION BENCH SHEET

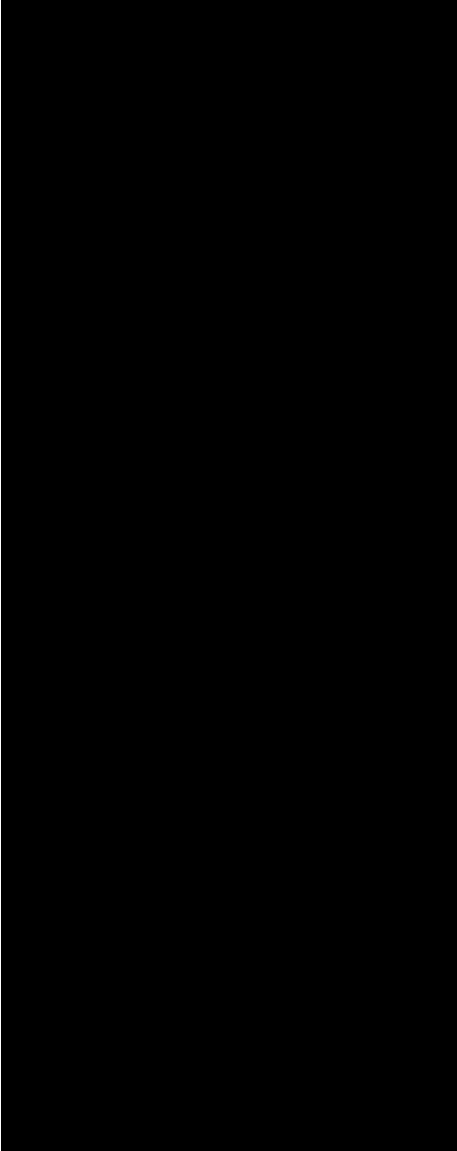
F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/7/2020



Analysis Datasheet for Methyl Mercury in Soil/Tissue

Date of Analysis: October 08, 2020

Instrument #: Hg2700-1

LIMS Sequence #: 0109002_01100024_ZICH_10/10/2020

Analyst:

Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.05 ng/L	7.23 units	144.66	4.26 units	85.25	81.4 %Rec
SEQ-CAL2	1	0.20 ng/L	21.12 units	105.60	18.15 units	90.75	86.7 %Rec
SEQ-CAL3	1	1.00 ng/L	118.79 units	118.79	115.82 units	115.82	110.6 %Rec
SEQ-CAL4	1	2.00 ng/L	221.34 units	110.67	218.37 units	109.18	104.3 %Rec
SEQ-CAL5	1	4.00 ng/L	493.31 units	123.33	490.34 units	122.59	117.1 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 104.72 Corr. St Dev RF +/- 16.10 Corr. RSD CF 15.4% RSD Uncorr. Mean RF 120.61

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	1	2.97 units		0.02 ng/L	#VALUE!

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	3	-0.018 ng/L	±0.006
BLK	2	0	0.000 ng/L	
BLK	3	4	-6.091 ng/L	±4.874
BLK	4	0	0.000 ng/L	
BLK	5	0	0.000 ng/L	

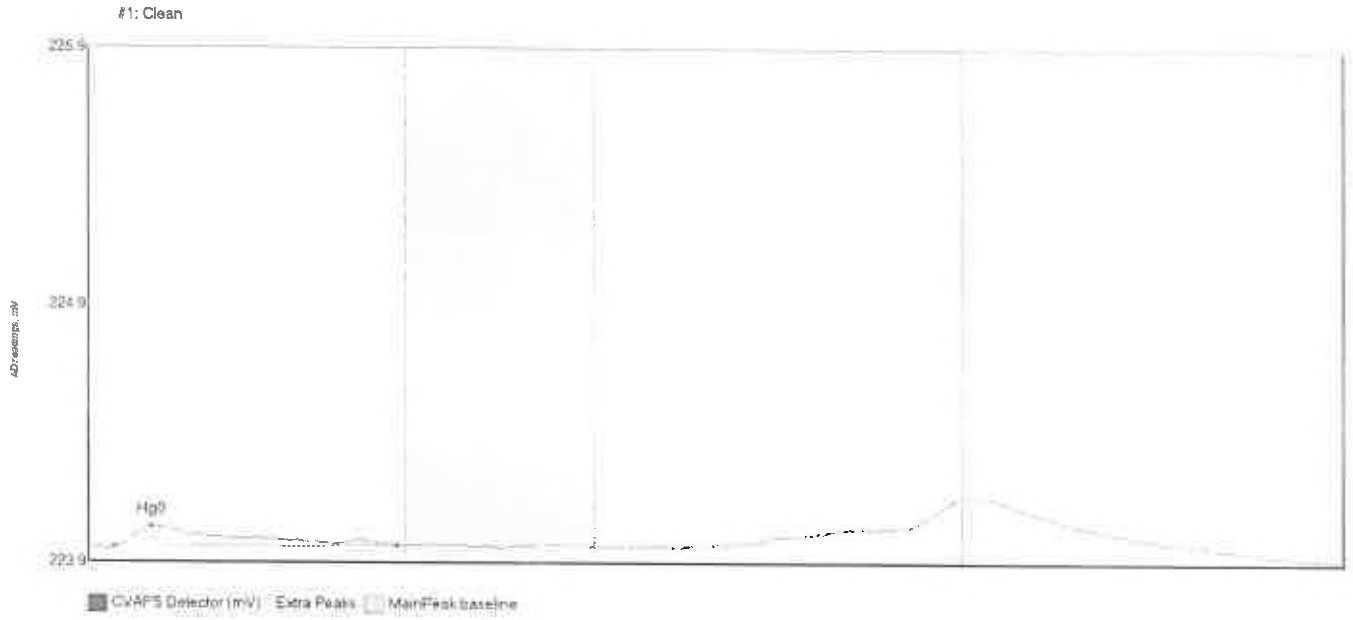
Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	Filed	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	CAL	SEQ-IBL1	1	10/8/20 13:23	1414-1.RAW	13:23:26	2.97	7.23		0.0	0.000	0.000	ng/L	
Hg2700-1	00	CAL	SEQ-CAL1	1	10/8/20 13:33	1415-1.RAW	13:33:42	7.23	2.97		4.3	0.041	0.041	ng/L	
Hg2700-1	00	CAL	SEQ-CAL2	1	10/8/20 13:43	1416-1.RAW	13:43:57	21.12	21.12		18.2	0.173	0.173	ng/L	
Hg2700-1	00	CAL	SEQ-CAL3	1	10/8/20 13:54	1417-1.RAW	13:54:13	118.79	118.79		115.8	1.106	1.106	ng/L	
Hg2700-1	00	CAL	SEQ-CAL4	1	10/8/20 14:04	1418-1.RAW	14:04:28	221.34	221.34		218.4	2.085	2.085	ng/L	
Hg2700-1	00	CAL	SEQ-CAL5	1	10/8/20 14:14	1419-1.RAW	14:14:44	493.31	493.31		490.3	4.683	4.683	ng/L	
Hg2700-1	00	SAM	NEW ICV TEST	1	10/8/20 14:25	1420-1.RAW	14:25:00	72.57	72.57		69.6	#VALUE!	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-ICV1	1	10/8/20 14:35	1421-1.RAW	14:35:57	47.05	47.05		44.1	0.421	0.421	ng/L	
Hg2700-1	00	CAL	SEQ-ICB1	1	10/8/20 14:46	1422-1.RAW	14:46:13	2.03	2.03		-0.9	-0.009	-0.009	ng/L	
Hg2700-1	00	SAM	F009386-RS1	1.25	10/8/20 14:56	1423-1.RAW	14:56:28	98.77	98.77	1	95.8	0.930	0.930	ng/L	F009386
Hg2700-1	00	SAM	F009386-RSD1	1.25	10/8/20 15:06	1424-1.RAW	15:06:44	89.84	89.84	1	86.9	0.844	0.844	ng/L	F009386
Hg2700-1	00	BLK	F009386-BLK1	1.25	10/8/20 15:17	1425-1.RAW	15:17:00	1.91	1.91	1	-1.1	-0.010	-0.010	ng/L	F009386
Hg2700-1	00	BLK	F009386-BLK2	1.25	10/8/20 15:27	1426-1.RAW	15:27:16	0.84	0.84	1	-1.4	-0.014	-0.014	ng/L	F009386
Hg2700-1	00	BLK	F009386-BLK3	1.25	10/8/20 15:37	1427-1.RAW	15:37:32	1.53	1.53	1	2.8	0.042	0.042	ng/L	F009386
Hg2700-1	00	SAM	0100050-03	1.25	10/8/20 15:47	1428-1.RAW	15:47:48	5.78	5.78	1	5.8	0.052	0.052	ng/L	F009386
Hg2700-1	00	SAM	F009386-MS1	1.25	10/8/20 15:58	1429-1.RAW	15:58:03	144.16	144.16	1	141.2	1.363	1.363	ng/L	F009386
Hg2700-1	00	SAM	F009386-MS2	1.25	10/8/20 16:08	1430-1.RAW	16:08:19	132.54	132.54	1	129.6	1.565	1.565	ng/L	F009386
Hg2700-1	00	SAM	0100055-01	1.25	10/8/20 16:18	1431-1.RAW	16:18:35	6.03	6.03	1	3.1	0.044	0.044	ng/L	F009386
Hg2700-1	00	SAM	F009386-MS2	1.25	10/8/20 16:28	1432-1.RAW	16:28:50	129.21	129.21	1	126.2	1.525	1.525	ng/L	F009386
Hg2700-1	00	CAL	SEQ-CCV1	1	10/8/20 16:39	1433-1.RAW	16:39:06	58.80	58.80		55.8	0.533	0.533	ng/L	
Hg2700-1	00	CAL	SEQ-CCB1	1	10/8/20 16:49	1434-1.RAW	16:49:22	1.35	1.35		-1.6	-0.015	-0.015	ng/L	
Hg2700-1	00	SAM	F009386-MSD2	1.25	10/8/20 16:59	1435-1.RAW	16:59:37	139.73	139.73	1	136.8	1.321	1.321	ng/L	F009386
Hg2700-1	00	SAM	0100043-2.IRE1	1.25	10/8/20 17:09	1436-1.RAW	17:09:53	10.78	10.78	1	-0.6	0.009	0.012	ng/L	F009386
Hg2700-1	00	SAM	0100043-27RE1	1.25	10/8/20 17:20	1437-1.RAW	17:20:10	2.42	2.42	1	0.1	0.016	0.020	ng/L	F009386
Hg2700-1	00	SAM	0100043-27RE1	1.25	10/8/20 17:30	1438-1.RAW	17:30:26	3.11	3.11	1	2.9	0.042	0.053	ng/L	F009386
Hg2700-1	00	SAM	0100043-28RE1	1.25	10/8/20 17:40	1439-1.RAW	17:40:42	5.85	5.85	1	4.0	0.053	0.066	ng/L	F009386
Hg2700-1	00	SAM	0100050-01	1.25	10/8/20 17:50	1440-1.RAW	17:50:58	6.81	6.81	1	3.8	0.051	0.064	ng/L	F009386
Hg2700-1	00	SAM	0100050-02	1.25	10/8/20 18:01	1441-1.RAW	18:01:13	9.17	9.17	1	6.2	0.074	0.092	ng/L	F009386
Hg2700-1	00	SAM	0100050-04	1.25	10/8/20 18:11	1442-1.RAW	18:11:29	1.11	1.11	1	-1.9	-0.003	-0.004	ng/L	F009386
Hg2700-1	00	SAM	0100050-05	1.25	10/8/20 18:21	1443-1.RAW	18:21:44	6.64	6.64	1	64.1	0.613	0.613	ng/L	F009386
Hg2700-1	00	SAM	0100050-06	1.25	10/8/20 18:32	1444-1.RAW	18:32:00	1.11	1.11	1	-1.1	-0.010	-0.010	ng/L	F009386
Hg2700-1	00	CAL	SEQ-CCV2	1	10/8/20 18:42	1445-1.RAW	18:42:15	67.11	67.11		2.2	0.036	0.045	ng/L	
Hg2700-1	00	CAL	SEQ-CCB2	1	10/8/20 18:52	1446-1.RAW	18:52:31	1.90	1.90		39.8	0.395	0.493	ng/L	F009386
Hg2700-1	00	SAM	0100055-02	1.25	10/8/20 19:02	1447-1.RAW	19:02:47	5.48	5.48	1	4.3	0.056	0.069	ng/L	F009386
Hg2700-1	00	SAM	0100055-03	1.25	10/8/20 19:13	1448-1.RAW	19:13:03	42.75	42.75	1	1.4	0.028	0.035	ng/L	F009386
Hg2700-1	00	SAM	0100002-01	1.25	10/8/20 19:23	1449-1.RAW	19:23:19	7.24	7.24	1	2.6	0.039	0.049	ng/L	F009386
Hg2700-1	00	SAM	0100002-02	1.25	10/8/20 19:33	1450-1.RAW	19:33:35	4.38	4.38	1	7.4	0.086	0.107	ng/L	F009386
Hg2700-1	00	SAM	0100002-03	1.25	10/8/20 19:43	1451-1.RAW	19:43:51	5.55	5.55	1	0.1	0.013	0.017	ng/L	F009386
Hg2700-1	00	SAM	0100002-04	1.25	10/8/20 19:54	1452-1.RAW	19:54:07	7.28	7.28	1	105.5	1.022	1.278	ng/L	F009386
Hg2700-1	00	SAM	0100002-05	1.25	10/8/20 20:04	1453-1.RAW	20:04:23	10.41	10.41	1	5311.069	5.311	5311.069	ng/L	F009428
Hg2700-1	00	SAM	0100002-06	1.25	10/8/20 20:14	1454-1.RAW	20:14:40	2.82	2.82	1	74.2	0.708	0.708	ng/L	F009428
Hg2700-1	00	SAM	0100018-01	1.25	10/8/20 20:24	1455-1.RAW	20:24:55	108.50	108.50	1	-0.1	-0.001	-0.001	ng/L	F009428
Hg2700-1	00	SAM	F009428-B52	1000	10/8/20 20:35	1456-1.RAW	20:35:12	559.13	559.13	2	556.2	5.311	5311.069	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV3	1	10/8/20 20:45	1457-1.RAW	20:45:28	77.12	77.12		0.2	0.001	0.001	ng/L	
Hg2700-1	00	CAL	SEQ-CCB3	1	10/8/20 20:55	1458-1.RAW	20:55:44	2.91	2.91		0.2	0.001	0.001	ng/L	
Hg2700-1	00	SAM	0100033-02 DS	100	10/8/20 21:06	1459-1.RAW	21:06:00	3.21	3.21		0.2	0.001	0.001	ng/L	DS

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	F010342-BS1	1000	10/8/20 21:16	1460-1.RAW	21:16:16	266.19	3		263.2	2519.744	ng/L	F010342	
Hg2700-1	00	SAM	F010342-BSD1	1000	10/8/20 21:26	1461-1.RAW	21:26:32	185.68	3		182.7	1750.891	ng/L	F010342	
Hg2700-1	00	BLK	F010342-BLK1	500	10/8/20 21:36	1462-1.RAW	21:36:48	3.01	3		0.0	0.211	ng/L	F010342	
Hg2700-1	00	BLK	F010342-BLK2	500	10/8/20 21:47	1463-1.RAW	21:47:04	1.78	3		-1.2	-5.701	ng/L	F010342	
Hg2700-1	00	BLK	F010342-BLK3	500	10/8/20 21:57	1464-1.RAW	21:57:20	1.44	3		-1.5	-7.316	ng/L	F010342	
Hg2700-1	00	BLK	F010342-BLK4	500	10/8/20 22:07	1465-1.RAW	22:07:37	0.55	3		-2.4	-11.557	ng/L	F010342	
Hg2700-1	00	SAM	0100111-01	500	10/8/20 22:17	1466-1.RAW	22:17:52	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	F010342-MS1	500	10/8/20 22:28	1467-1.RAW	22:28:08	11.56	3		8.6	47.083	ng/L	F010342	
Hg2700-1	00	SAM	F010342-MSD1	500	10/8/20 22:38	1468-1.RAW	22:38:25	23.78	3		64.1	405.443	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCV4	1	10/8/20 22:48	1469-1.RAW	22:48:41	67.07	3		64.1	0.612	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCB4	1	10/8/20 22:58	1470-1.RAW	22:58:57	1.08	3		-1.9	-0.018	ng/L	F010342	
Hg2700-1	00	SAM	0100109-01	500	10/8/20 23:09	1471-1.RAW	23:09:13	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	F010342-MS2	500	10/8/20 23:19	1472-1.RAW	23:19:28	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100073-48	500	10/8/20 23:29	1473-1.RAW	23:29:44	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100073-49	500	10/8/20 23:40	1474-1.RAW	23:40:00	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100109-02	500	10/8/20 0:00	1475-1.RAW	23:50:16	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100003-01	500	10/8/20 0:10	1476-1.RAW	0:00:32	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100007-01	500	10/8/20 0:21	1477-1.RAW	0:10:47	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100008-01	2500	10/8/20 0:31	1478-1.RAW	0:21:04	476.88	3		473.9	11320.069	ng/L	F010342	
Hg2700-1	00	SAM	0100009-01	500	10/8/20 0:41	1479-1.RAW	0:31:20	17.32	3		14.4	74.623	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCV5	2500	10/8/20 0:51	1480-1.RAW	0:41:37	83.50	3		80.5	1928.668	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCB5	1	10/8/20 1:02	1481-1.RAW	0:51:53	58.31	3		55.3	0.528	ng/L	F010342	
Hg2700-1	00	SAM	0100010-01	1000	10/8/20 1:12	1482-1.RAW	1:02:08	0.00	3		-3.0	-0.028	ng/L	F010342	
Hg2700-1	00	SAM	0100010-02	1000	10/8/20 1:22	1483-1.RAW	1:12:25	38.01	3		35.0	340.698	ng/L	F010342	
Hg2700-1	00	SAM	0100017-01	500	10/8/20 1:32	1484-1.RAW	1:22:41	26.65	3		23.7	232.188	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCV6	1	10/8/20 1:43	1485-1.RAW	1:32:57	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCB6	1	10/8/20 1:53	1486-1.RAW	1:43:13	62.23	3		59.3	0.566	ng/L	F010342	
Hg2700-1	00	SAM	0100108-01	500	10/8/20 2:03	1487-1.RAW	1:53:29	1.26	3		-1.7	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100108-02	500	10/8/20 2:14	1488-1.RAW	2:03:45	17.72	3		14.8	76.539	ng/L	F010342	
Hg2700-1	00	SAM	0100108-03	500	10/8/20 2:24	1489-1.RAW	2:14:02	9.88	3		6.9	39.076	ng/L	F010342	
Hg2700-1	00	SAM	0100108-04	500	10/8/20 2:34	1490-1.RAW	2:24:17	0.00	3		-3.0	-0.016	ng/L	F010342	
Hg2700-1	00	SAM	0100108-05	500	10/8/20 2:44	1491-1.RAW	2:34:34	22.31	3		19.3	98.443	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCV7	1	10/8/20 2:55	1492-1.RAW	2:44:51	29.98	3		27.0	135.057	ng/L	F010342	
Hg2700-1	00	CAL	SEQ-CCB7	1	10/8/20 3:05	1493-1.RAW	2:55:07	60.12	3		57.2	0.546	ng/L	F010342	
Hg2700-1	00	CAL		1	10/8/20 3:05	1494-1.RAW	3:05:23	0.00	3		-3.0	-0.028	ng/L	F010342	

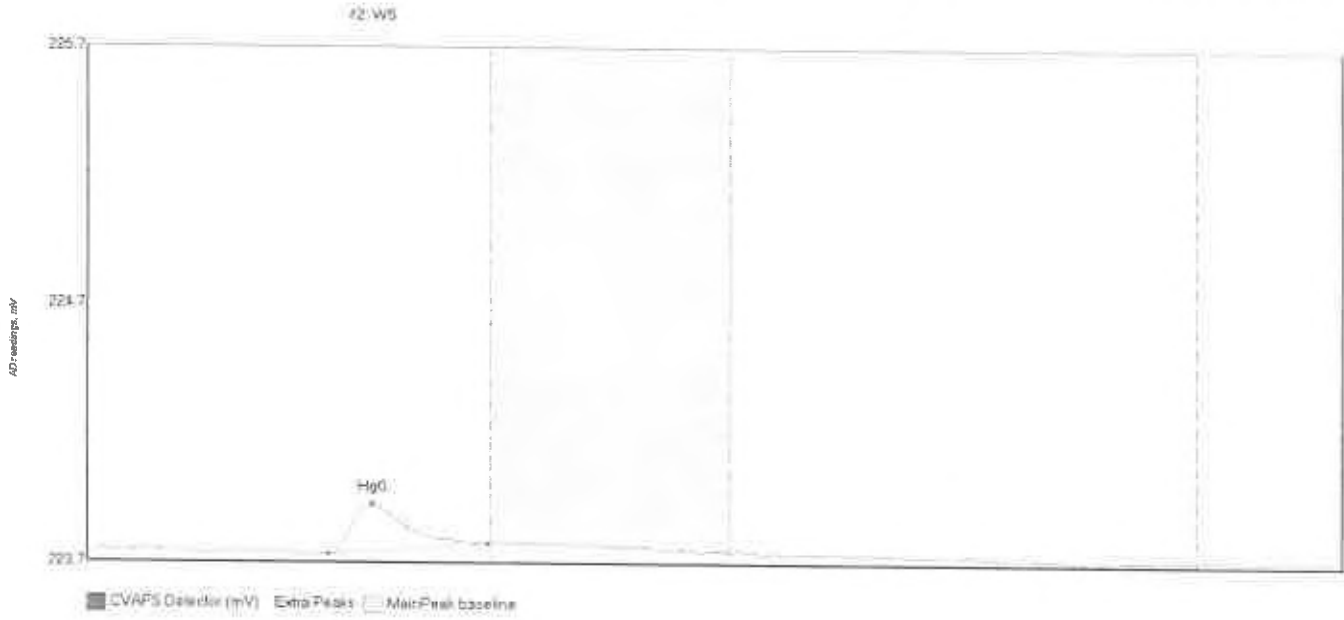
F010342-B51	C17	1000	2.9705	404.96373	2513.653275	1460-1.RAW	21:16:15	45.3773721	266.194771	0	0	psample10	CT	F010342
F010342-BSD1	C18	1000	2.9705	931.11898	1744.800507	1461-1.RAW	21:26:32	100.475085	185.681858	2.03625231	0	psample10	OK	F010342
F010342-BK1	C19	500	2.9705	155.88471	0.211382018	1462-1.RAW	21:36:48	35.618287	3.01481481	0	0	psample10	OK	F010342
F010342-BK2	C20	500	2.9705	120.6418	0	1463-1.RAW	21:47:04	28.2371817	1.77650463	0	0	psample10	OK	F010342
F010342-BK3	C21	500	2.9705	108.76669	0	1464-1.RAW	21:57:20	25.7501157	1.43828125	0	0	psample10	OK	F010342
F010342-BLK4	A1	500	2.9705	89.731208	0	1465-1.RAW	22:07:37	21.7634167	0.55002894	0.12482639	0	psample10	OK	F010342
0100111-01	A2	500				1466-1.RAW	22:17:52	25.3577257	0	0	0	psample10	OK	F010342
F010342-MS1	A3	500	2.9705	91.236624	4099.18	1467-1.RAW	22:28:08	22.0787037	11.5556713	0	0	psample10	OK	F010342
F010342-MSD1	A4	500	2.9705	96.41424	99.35175905	1468-1.RAW	22:38:25	23.1630787	23.7782986	0	0	psample10	OK	F010342
SEQ-CCV4	A5	1	2.9705	0.2622206	0.612101259	1469-1.RAW	22:48:41	30.42896586	67.068316	0	0	psample10	OK	F010342
SEQ-CCB4	A6	1	2.9705	0.20892	0	1470-1.RAW	22:58:57	24.8481481	1.08425926	0.58657407	0	psample10	CT	1
0100109-01	A7	500				1471-1.RAW	23:09:13	367.407424	0	0	0	psample10	CT	1
F010342-MS2	A8	500				1472-1.RAW	23:19:28	367.749016	0	0	0	psample10	CT	1
F010342-MSD2	A9	500				1473-1.RAW	23:29:44	371.309828	0	0	0	psample10	CT	1
0100073-48	A10	500				1474-1.RAW	23:40:00	287.835127	0	1.55553009	0	psample10	CT	1
0100073-49	A11	500				1475-1.RAW	23:50:16	251.785301	0	7.74542824	0	psample10	CT	1
0100109-02	A12	500				1476-1.RAW	0:00:32	316.717772	0	0	0	psample10	CT	1
0100003-01	A13	500				1477-1.RAW	0:10:47	252.542251	0	0	0	psample10	CT	1
0100007-01	A14	2500	2.9705	6067.4677	11313.97798	1478-1.RAW	0:21:04	257.118795	476.879572	5.4212963	0	psample10	CT	1
0100008-01	A15	500	2.9705	1013.0362	68.53226081	1479-1.RAW	0:31:20	215.135966	17.3236111	3.28070023	0	psample10	OK	F010342
0100009-01	A16	2500	2.9705	6564.3411	1922.57679	1480-1.RAW	0:41:37	277.931351	83.5015914	29.6472222	0	psample10	OK	F010342
SEQ-CCV5	A17	1	2.9705	1.5259339	0.528418572	1481-1.RAW	0:51:53	162.762674	58.3052662	0	0	psample10	OK	F010342
SEQ-CCB5	A18	1				1482-1.RAW	1:02:08	122.910359	0	0	0	psample10	CT	1
0100010-01	A19	1000	2.9705	1426.5511	334.607511	1483-1.RAW	1:12:25	152.355548	38.009838	0.57135417	0	psample10	OK	F010342
0100010-02	A20	1000	2.9705	1208.3806	226.0975224	1484-1.RAW	1:22:41	129.509259	26.6469329	0	0	psample10	OK	F010342
0100017-01	A21	500				1485-1.RAW	1:32:57	103.292708	0	0	0	psample10	CT	1
SEQ-CCV6	B1	1	2.9705	0.9608791	0.565868834	1486-1.RAW	1:43:13	103.591493	62.2269676	0	0	psample10	OK	1
SEQ-CCB6	B2	1	2.9705	0.8399777	0	1487-1.RAW	1:53:29	90.9309896	1.25775963	0.99508102	0	psample10	CT	1
0100108-01	B3	500	2.9705	475.73115	70.44823847	1488-1.RAW	2:03:45	102.605387	17.7248843	11.3903935	0	psample10	CT	F010342
0100108-02	B4	500	2.9705	350.64785	32.9852659	1489-1.RAW	2:14:02	76.4085648	9.87881944	0	0	psample10	OK	F010342
0100108-03	B5	500				1490-1.RAW	2:24:17	70.7654803	0	0	0	psample10	CT	F010342
0100108-04	B6	500	2.9705	329.20663	92.35183661	1491-1.RAW	2:34:34	71.9179977	22.3122685	1.5359375	0	psample10	OK	F010342
0100108-05	B7	500	2.9705	312.33779	128.9666561	1492-1.RAW	2:44:51	68.3850694	29.9807002	1.52748843	0	psample10	OK	F010342
SEQ-CCV7	B8	1	2.9705	0.6069471	0.54579141	1493-1.RAW	2:55:07	66.528588	60.1245081	0	0	psample10	OK	F010342
SEQ-CCB7	B9	1				1494-1.RAW	3:05:23	58.8082465	0	0	0	psample10	CT	1

WS	A1	0I00050-01	B18		
PRIMER	A2	0I00050-02	B19		
PRIMER	A3	0I00050-04	B20		
PRIMER	A4	0I00050-05	B21		
WS	A5	0I00050-06	C1		
WS	A6	SEQ-CCV2	C2		
WS	A7	SEQ-CCB2	C3		
HIGH PRIMER	A8	0I00055-02	C4		
HIGH PRIMER	A9	0I00055-03	C5		
WS	A10	0J00002-01	C6		
WS	A11	0J00002-02	C7		
SEQ-IBL1	A12	0I00002-03	C8		
SEQ-CAL1	A13	0J00002-04	C9		
SEQ-CAL2	A14	0J00002-05	C10		
SEQ-CAL3	A15	0J00002-06	C11		
SEQ-CAL4	A16	0J00018-01	C12		
SEQ-CAL5	A17	F009428-BS2	C13		
NEW ICV TEST	A18	SEQ-CCV3	C14		
SEQ-ICV1	A19	SEQ-CCB3	C15		
SEQ-ICB1	A20	0J00033-02 DS	C16	0J00003-01	A13
F009386-BS1	B1	F010342-BS1	C17	0J00007-01	A14
F009386-BSD1	B2	F010342-BSD1	C18	0J00008-01	A15
F009386-BLK1	B3	F010342-BLK1	C19	0J00009-01	A16
F009386-BLK2	B4	F010342-BLK2	C20	SEQ-CCV5	A17
F009386-BLK3	B5	F010342-BLK3	C21	SEQ-CCB5	A18
0I00050-03	B6	F010342-BLK4	A1	0J00010-01	A19
F009386-MS1	B7	0I00111-01	A2	0J00010-02	A20
F009386-MSD1	B8	F010342-MS1	A3	0J00017-01	A21
0I00055-01	B9	F010342-MSD1	A4	SEQ-CCV6	B1
F009386-MS2	B10	SEQ-CCV4	A5	SEQ-CCB6	B2
SEQ-CCV1	B11	SEQ-CCB4	A6	0I00108-01	B3
SEQ-CCB1	B12	0I00109-01	A7	0I00108-02	B4
F009386-MSD2	B13	F010342-MS2	A8	0I00108-03	B5
0I00043-21RE1	B14	F010342-MSD2	A9	0I00108-04	B6
0I00043-26RE1	B15	0I00073-48	A10	0I00108-05	B7
0I00043-27RE1	B16	0I00073-49	A11	SEQ-CCV7	B8
0I00043-28RE1	B17	0I00109-02	A12	SEQ-CCB7	B9

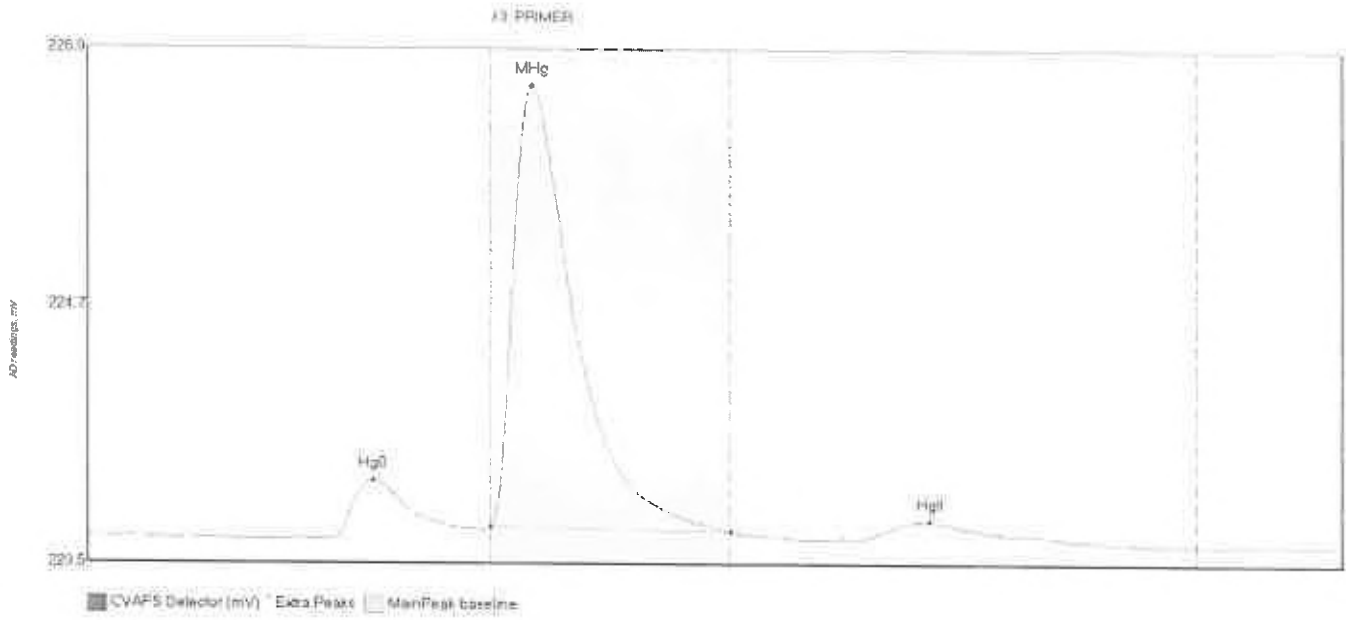
verified by: *WEL*
10-9-2005



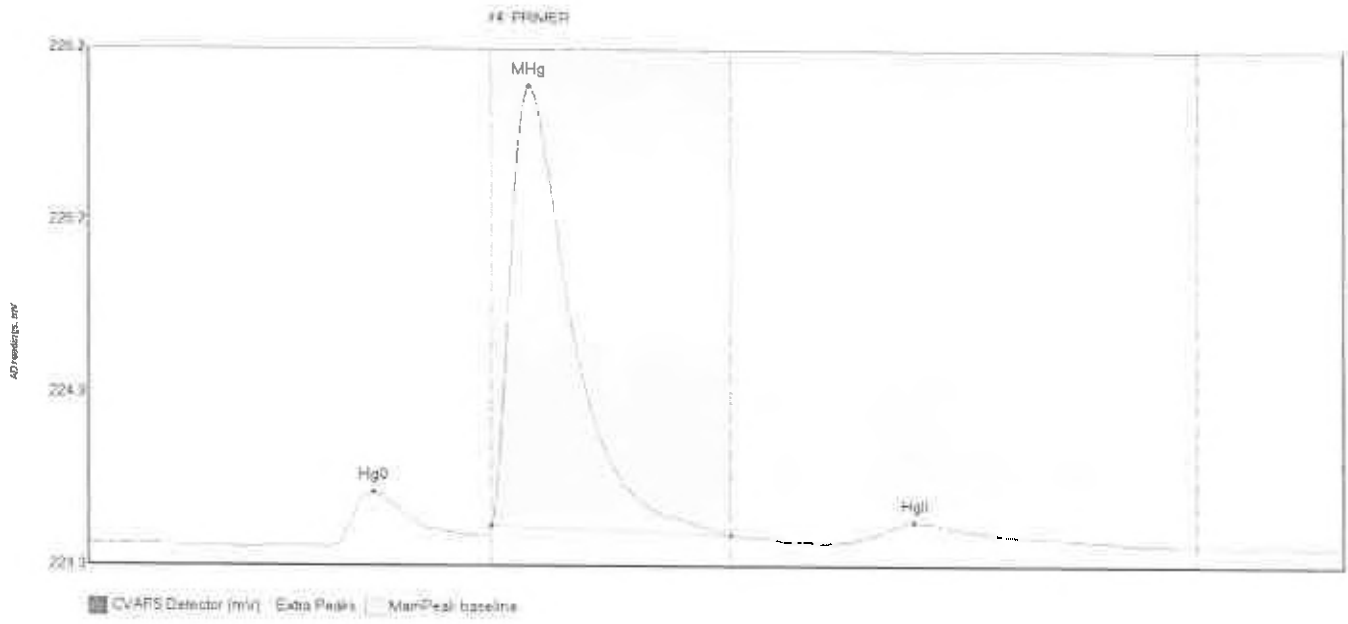
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Clean	23.470	6.5	77.8	223.91	223.92	16.0	0.078	OK	223.9073	0.00	-0.05	



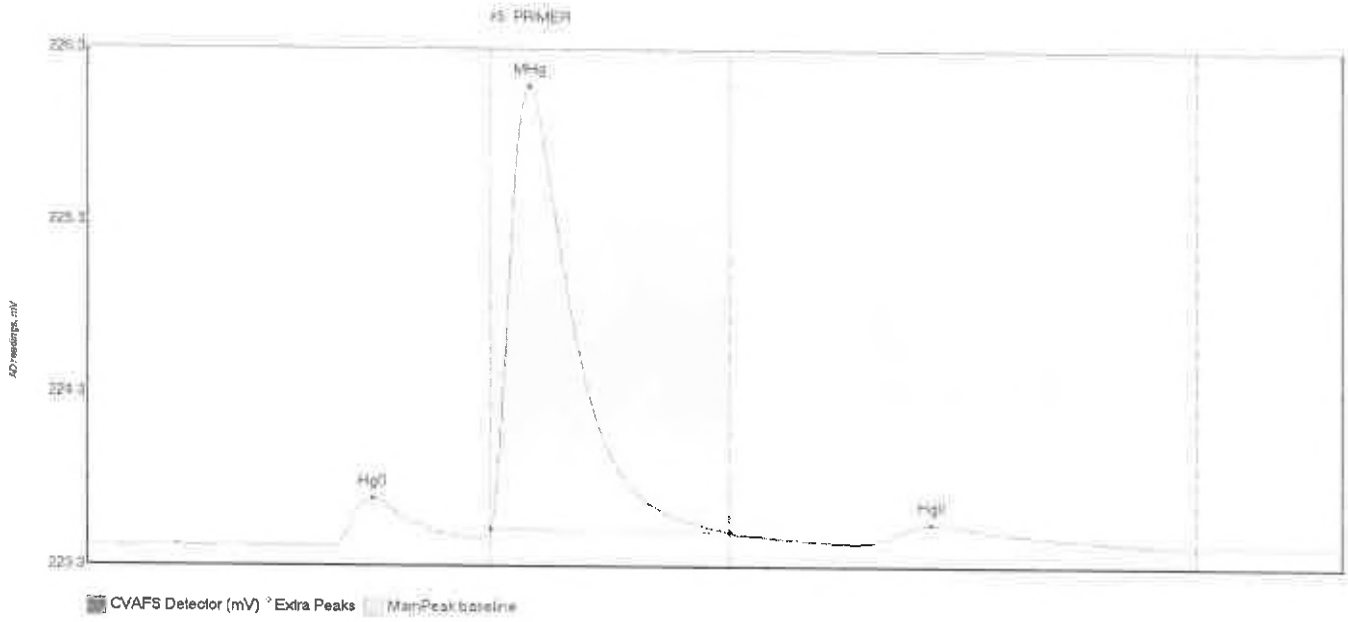
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	22.291	47.9	79.3	223.74	223.78	56.6	0.195	OK	223.7646	0.00	-0.05	



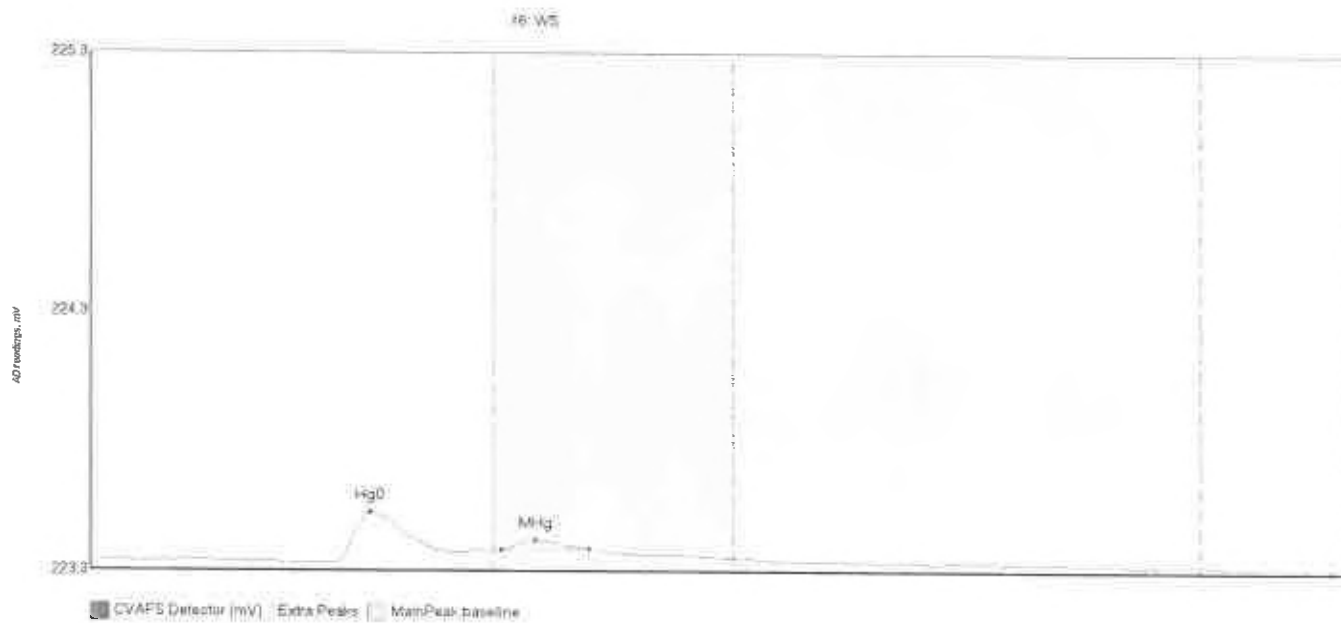
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
PRIMER Hg0	32.334	48.5	78.9	223.62	223.66	56.6	0.278	OK	223.6237	0.00	-0.04	
PRIMER MHg	294.659	80.0	127.5	223.67	223.65	88.3	2.103	CT	223.6237	0.00	-0.04	
PRIMER HgII	9.721	154.0	179.1	223.62	223.65	167.0	0.084	OK	223.6237	0.00	-0.04	



Time	Area	Start Time	EndTime	StartValue	EndValue	Peak #	PeakHeight	Flags	Baseline	Offset	BShift	Comment
47.9	34.063	47.9	78.2	223.45	223.51	56.6	0.297	OK	223.4622	0.00	-0.01	
80.0	338.009	80.0	127.5	223.56	223.51	87.5	2.422	OT	223.4622	0.00	-0.01	
148.9	14.844	148.9	182.0	223.47	223.51	163.8	0.111	OK	223.4622	0.00	-0.01	

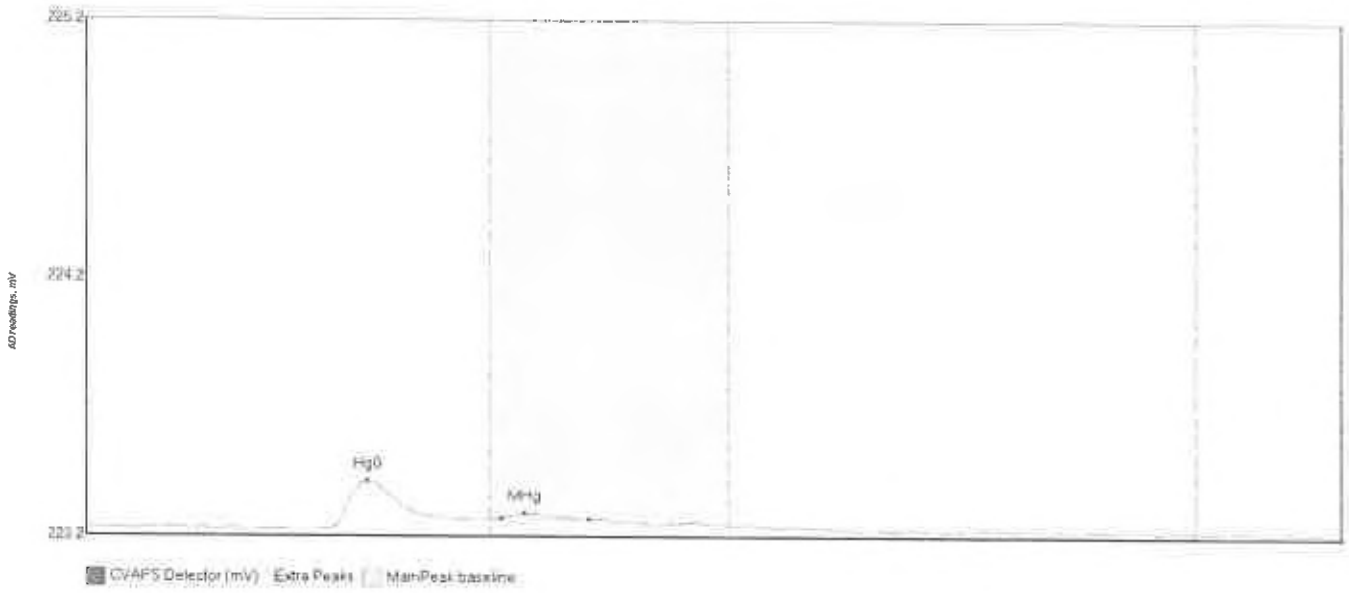


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
PRIMER Hg0	33.000	48.9	78.6	223.37	223.42	56.6	0.283	OK	223.3875	0.00	-0.01	
PRIMER MHg	366.975	80.0	127.5	223.47	223.46	87.7	2.579	CT	223.3875	0.00	-0.01	
PRIMER HgII	12.590	154.8	181.4	223.40	223.45	167.3	0.108	OK	223.3975	0.00	-0.01	

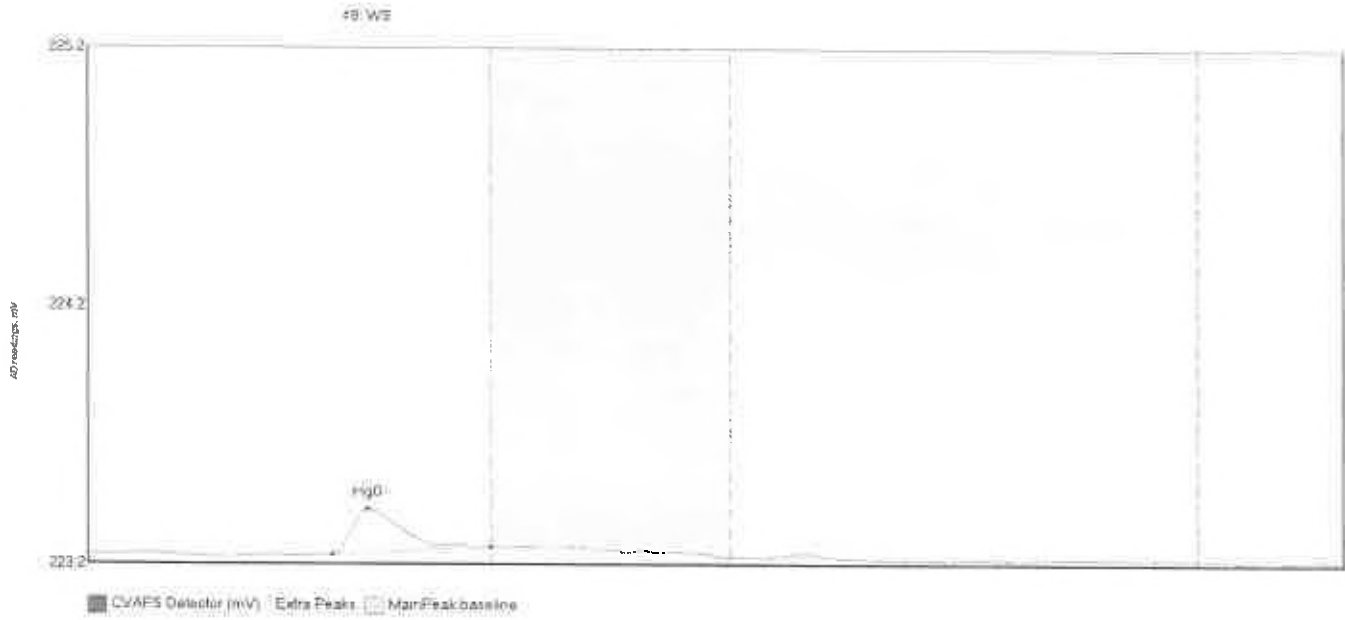


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
HS Hg0	19.426	47.7	73.6	223.30	223.35	55.5	0.193	OK	223.3187	0.00	-0.03	
WS MHg	3.422	81.5	98.9	223.36	223.36	88.3	0.037	OK	223.3187	0.00	-0.03	

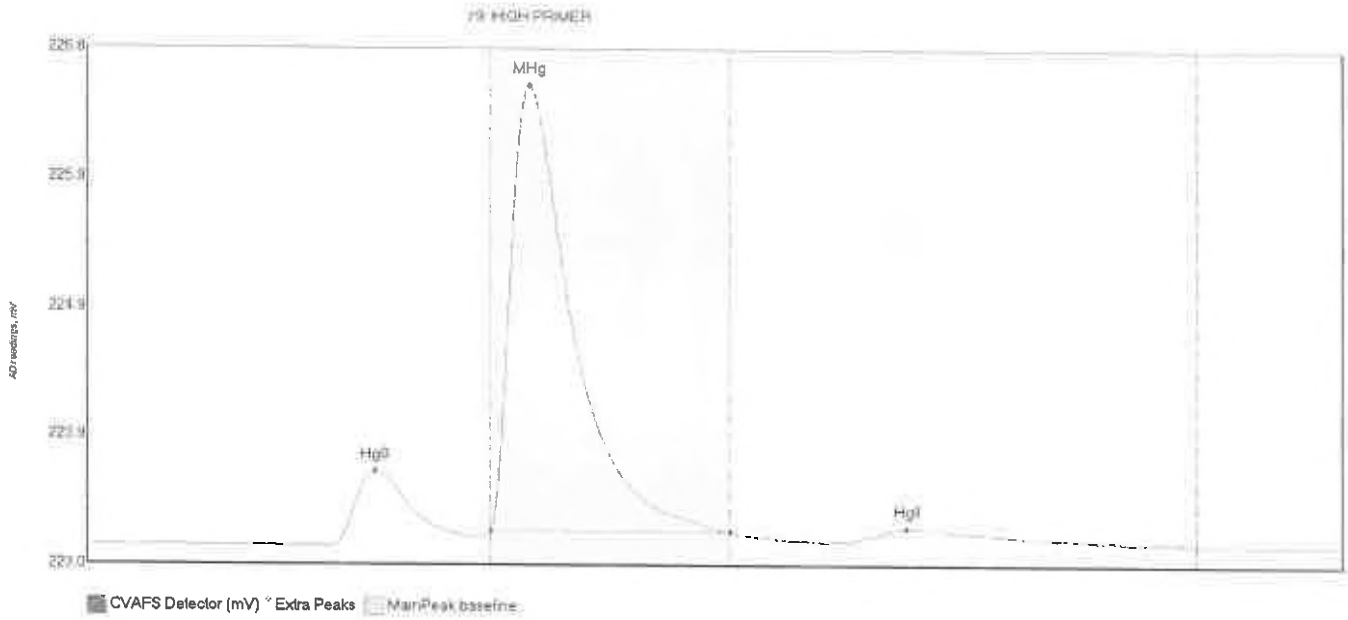
#7: WS



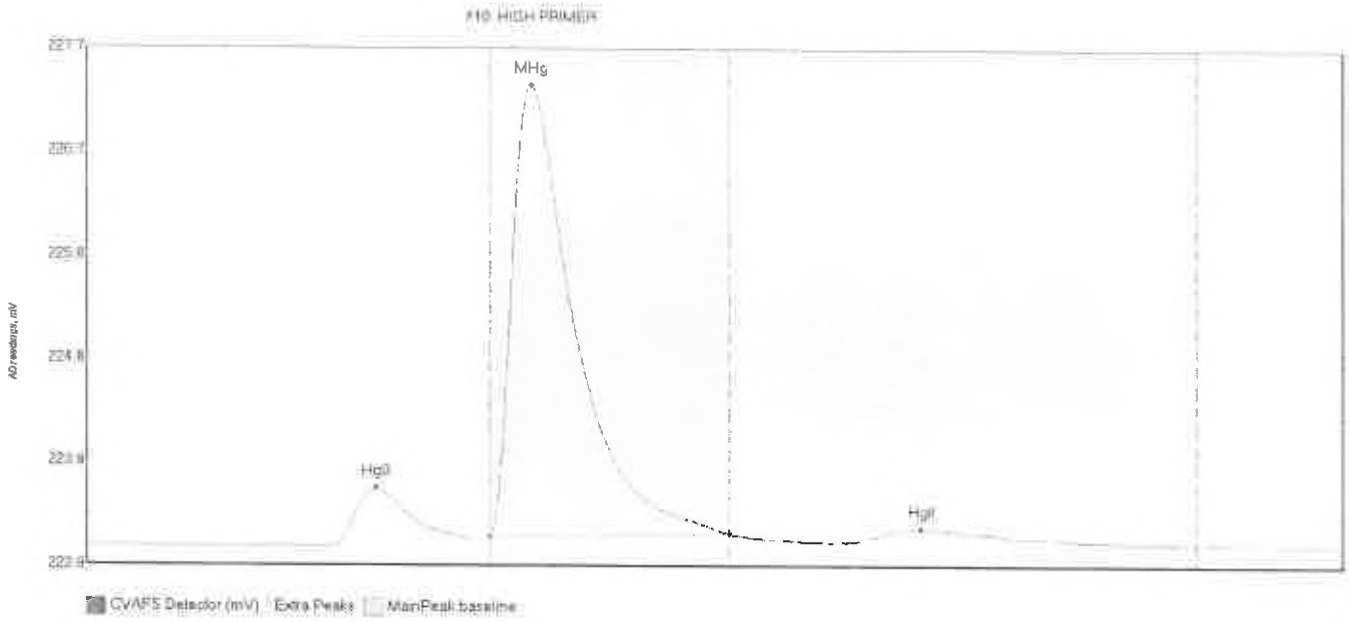
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS Hg0	18.668	48.1	75.3	223.24	223.27	55.9	0.181	OK	223.2410	0.00	-0.02	
WS MHg	1.931	82.2	99.7	223.28	223.27	86.9	0.019	OK	223.2410	0.00	-0.02	



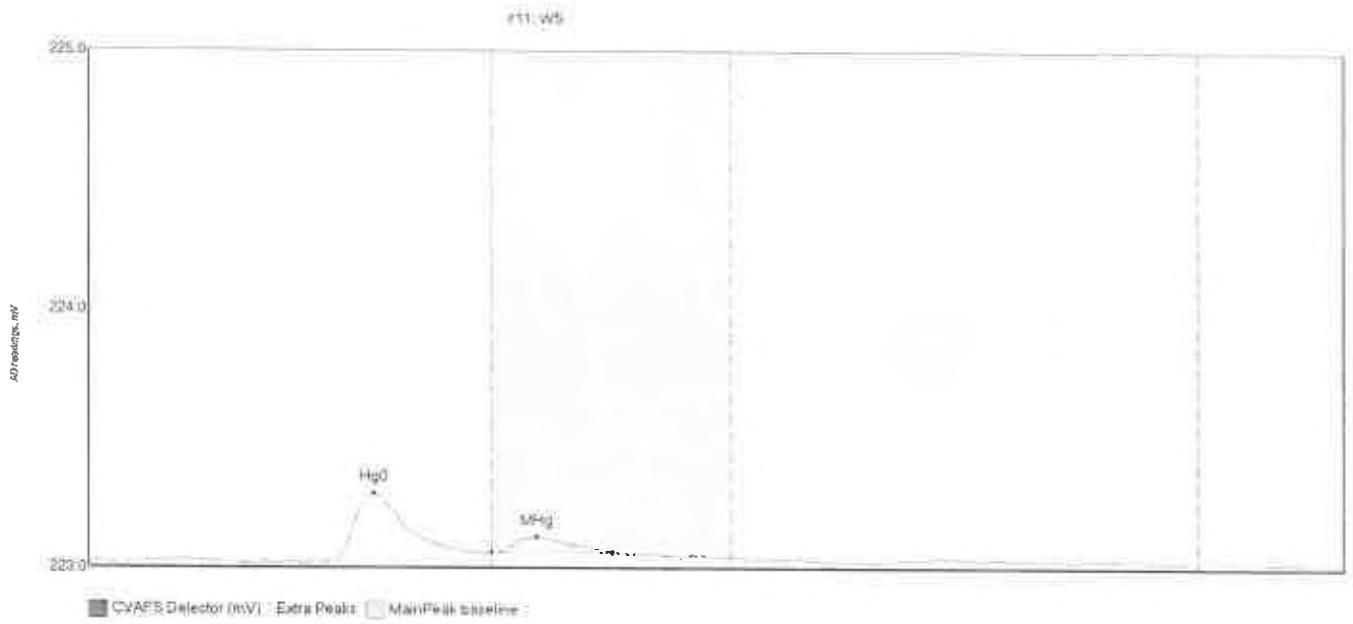
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
WS	19.776	48.7	79.8	223.19	223.22	55.6	0.178	OK	223.1936	0.00	-0.03	



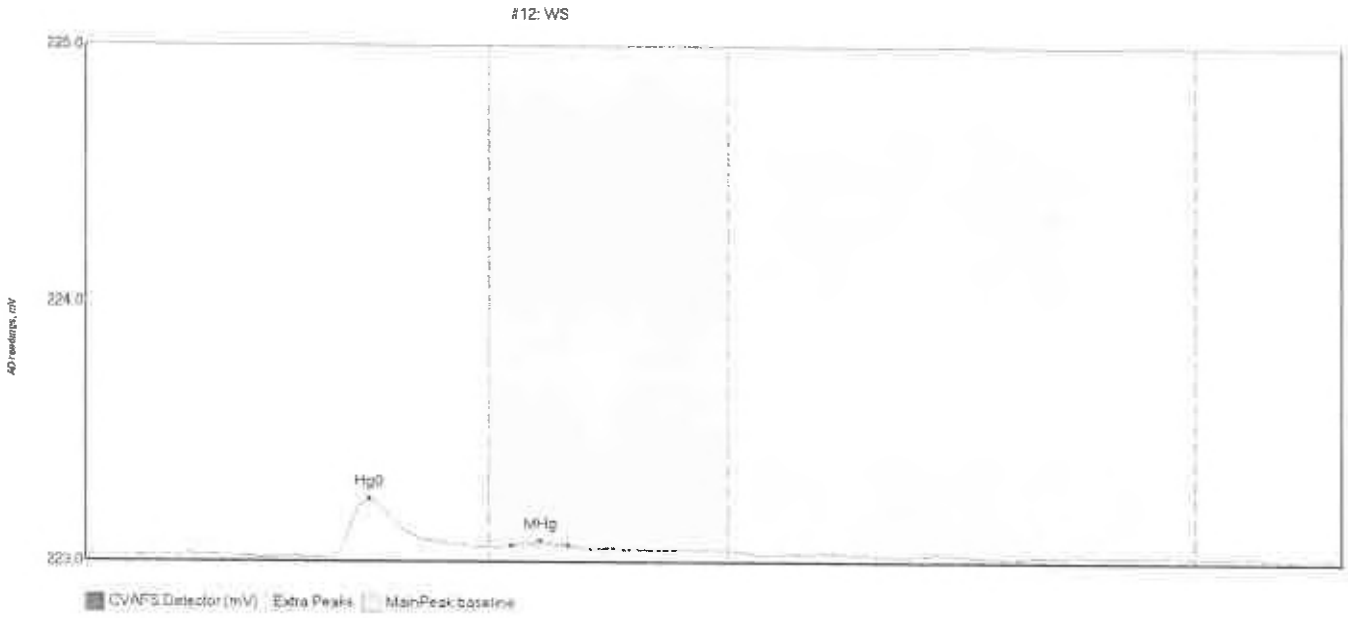
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
HIGH PRIMER Hg0	63.438	48.1	78.3	223.11	223.18	57.2	0.551	OK	223.1267	0.00	0.00	
HIGH PRIMER MHg	465.077	80.0	127.5	223.22	223.22	87.8	3.316	CT	223.1267	0.00	0.00	
HIGH PRIMER HgI	7.352	152.0	172.6	223.16	223.22	162.4	0.091	OK	223.1267	0.00	0.00	



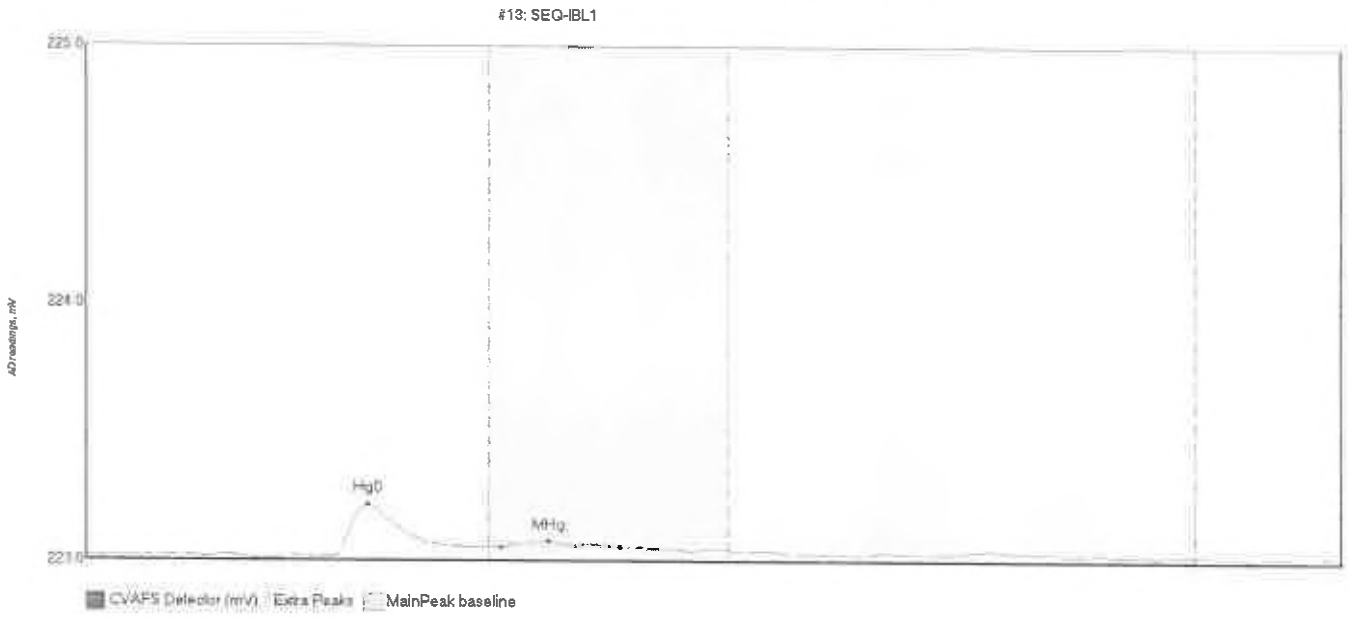
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BIShift	Comment
HIGH PRIMER Hg0	60.833	48.0	79.3	223.08	223.16	57.4	0.530	OK	223.0927	0.00	0.01	
HIGH PRIMER MHg	592.784	80.0	127.5	223.17	223.21	88.2	4.160	CT	223.0927	0.00	0.01	
HIGH PRIMER HgI	12.680	151.5	177.6	223.13	223.20	165.3	0.123	OK	223.0927	0.00	0.01	



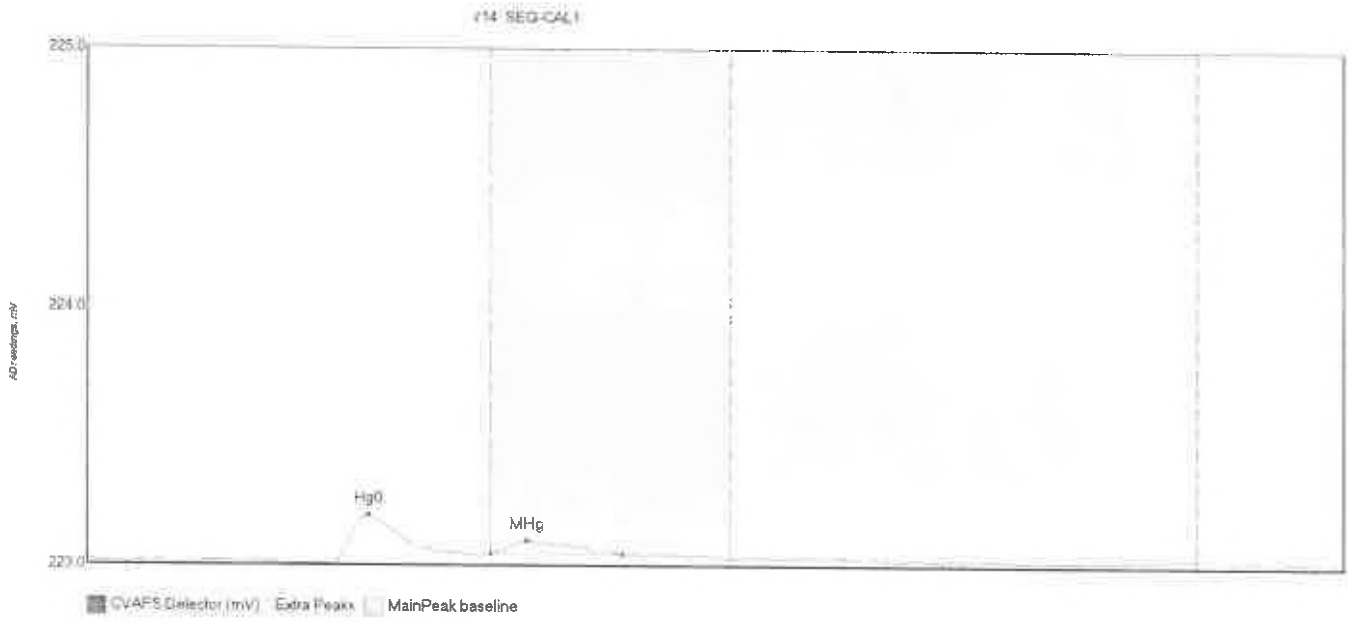
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS Hg0	29.061	48.5	79.2	223.06	223.09	56.6	0.258	OK	223.0614	0.00	-0.01	
WS MHg	7.155	80.0	103.9	223.09	223.10	88.9	0.060	OK	223.0614	0.00	-0.01	



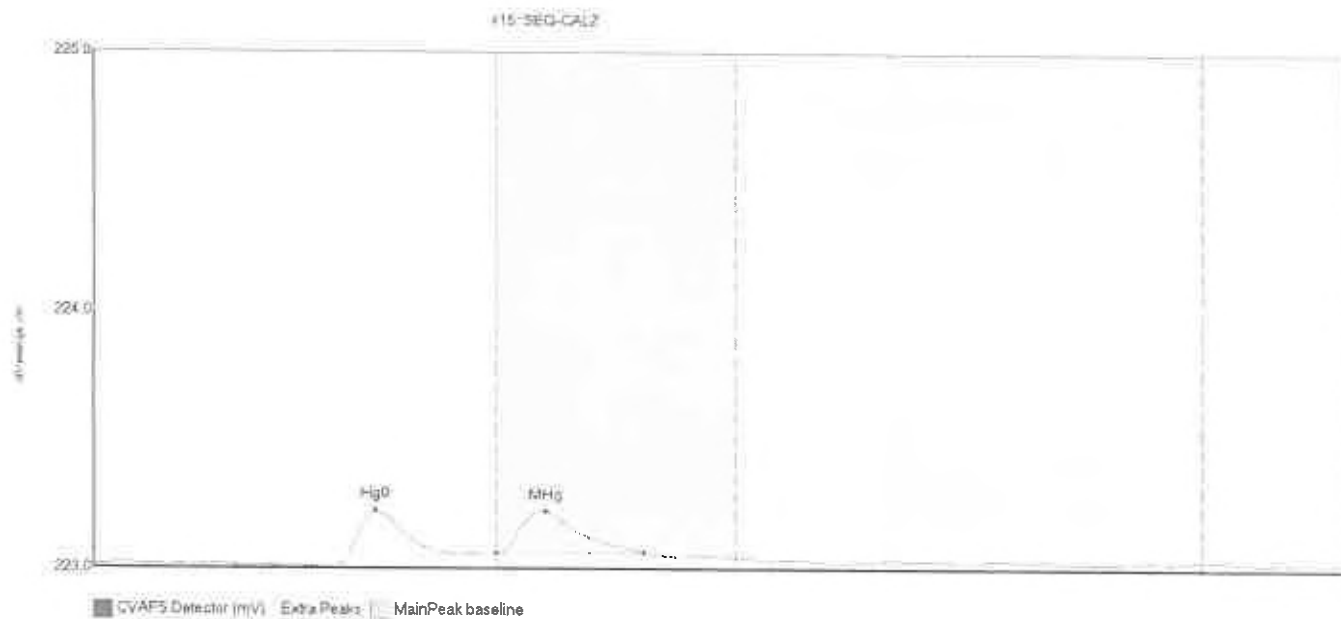
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	24.092	47.9	78.5	223.03	223.07	56.3	0.223	OK	223.0424	0.00	-0.01	
WS MHg	1.062	84.4	95.6	223.08	223.07	90.1	0.017	OK	223.0424	0.00	-0.01	



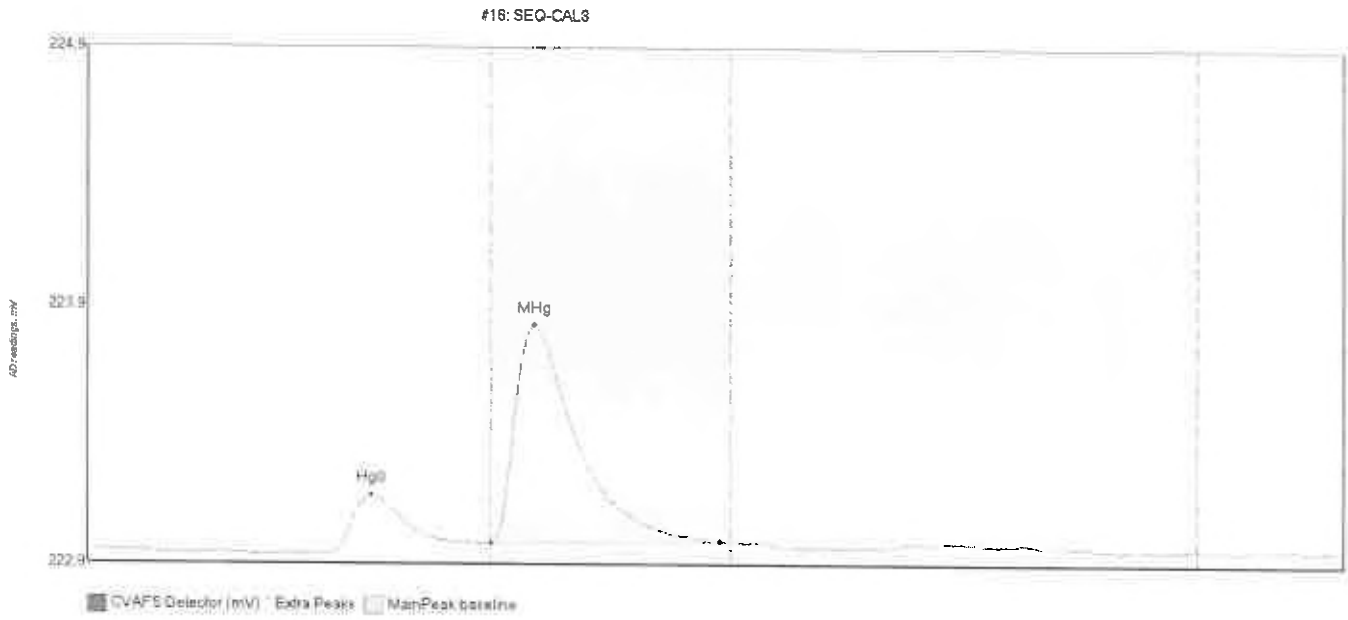
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-IBL1 Hg0	20.370	49.3	75.0	223.01	223.05	56.1	0.200	OK	223.0127	0.00	0.00	
SEQ-IBL1 MHg	2.971	82.5	106.0	223.05	223.05	91.8	0.022	OK	223.0127	0.00	0.00	



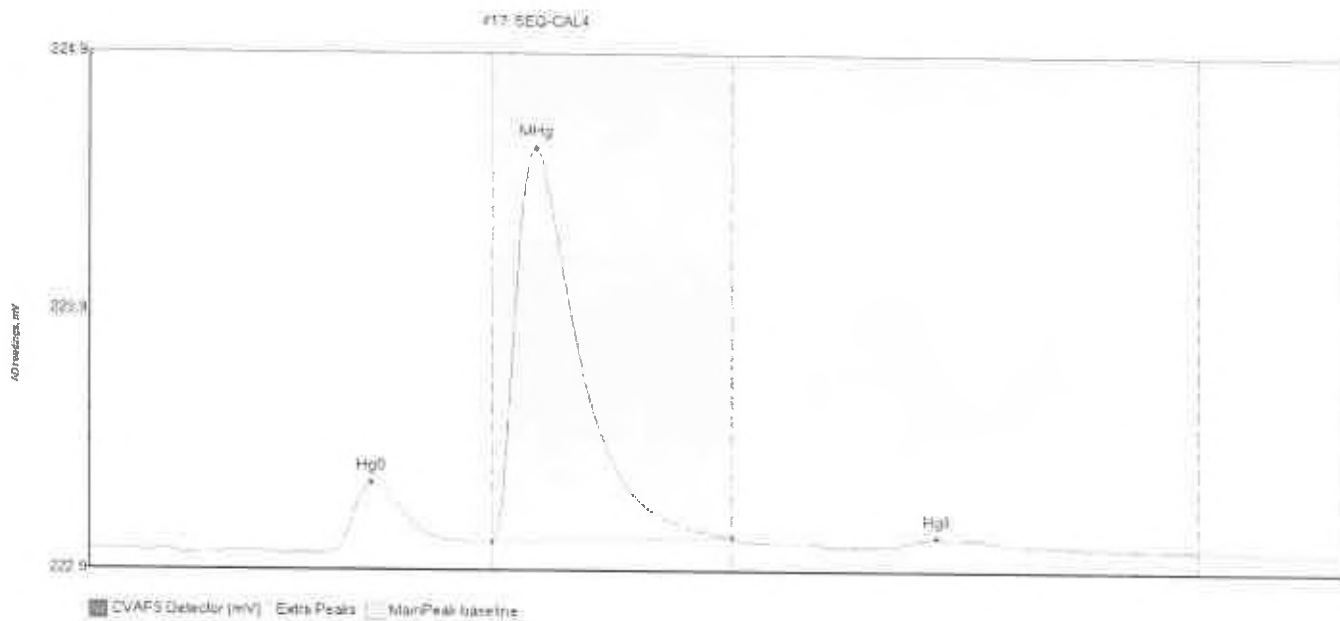
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL1 Hg0	20.138	48.0	77.9	223.00	223.03	55.9	0.185	OK	223.0072	0.00	0.00	
SEQ-CAL1 MHg	7.233	80.0	106.1	223.03	223.03	87.1	0.049	OK	223.0072	0.00	0.00	



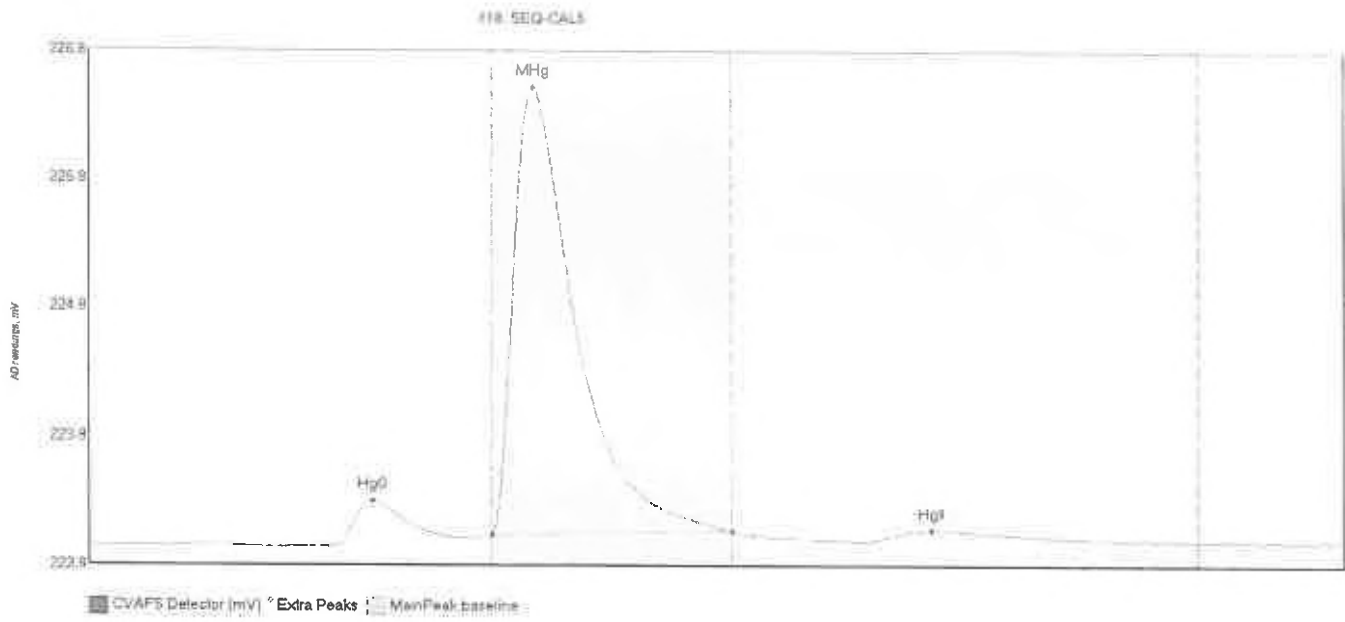
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CAL2 Hg0	21.549	48.0	79.8	222.98	223.03	56.1	0.209	OK	222.9841	0.00	0.01	
SEQ-CAL2 MHg	21.245	80.0	109.1	223.03	223.03	89.6	0.163	OK	222.9841	0.00	0.01	



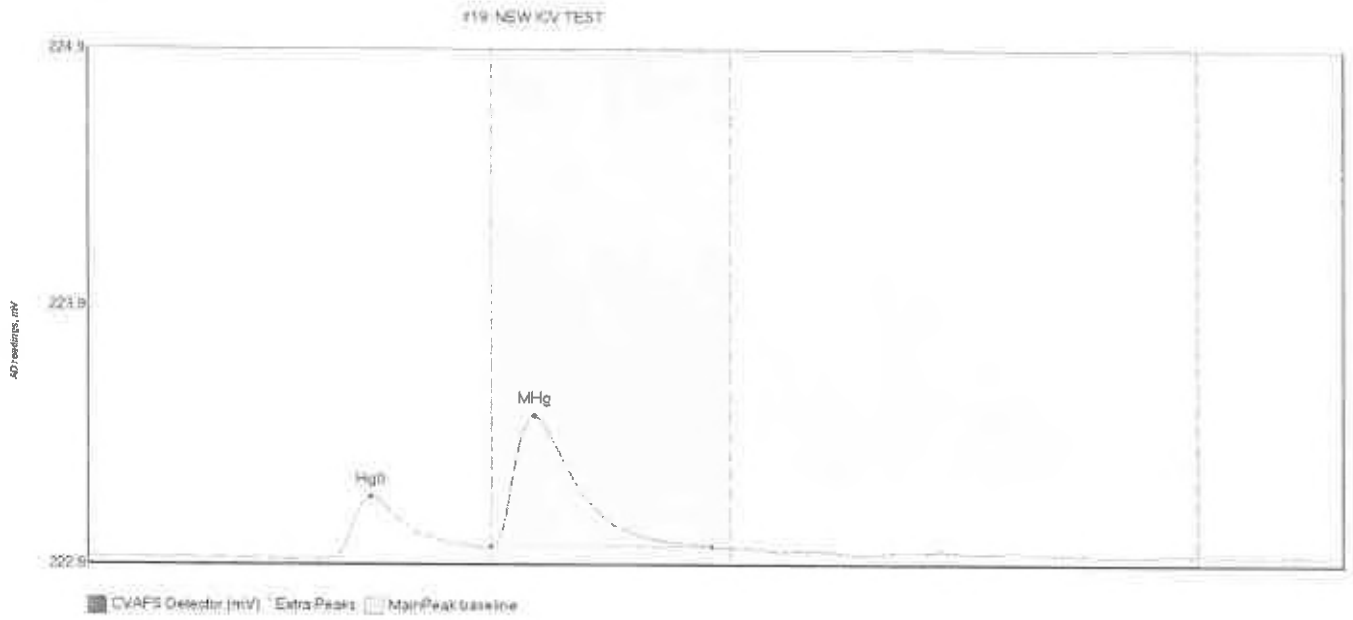
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL3 Hg0	25.122	48.1	79.2	222.98	223.01	56.3	0.222	OK	222.9868	0.00	0.01	
SEQ-CAL3 MHg	118.791	80.0	125.2	223.02	223.03	88.6	0.845	OK	222.9868	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CAL4 Hg0	29.592	47.9	79.3	222.98	223.01	56.1	0.268	OK	222.9891	0.00	-0.01	
SEQ-CAL4 MHg	221.338	80.0	127.5	223.02	223.04	88.5	1.530	CT	222.9891	0.00	-0.01	
SEQ-CAL4 HgII	0.039	164.5	168.5	223.03	223.04	167.9	0.010	OK	222.9891	0.00	-0.01	



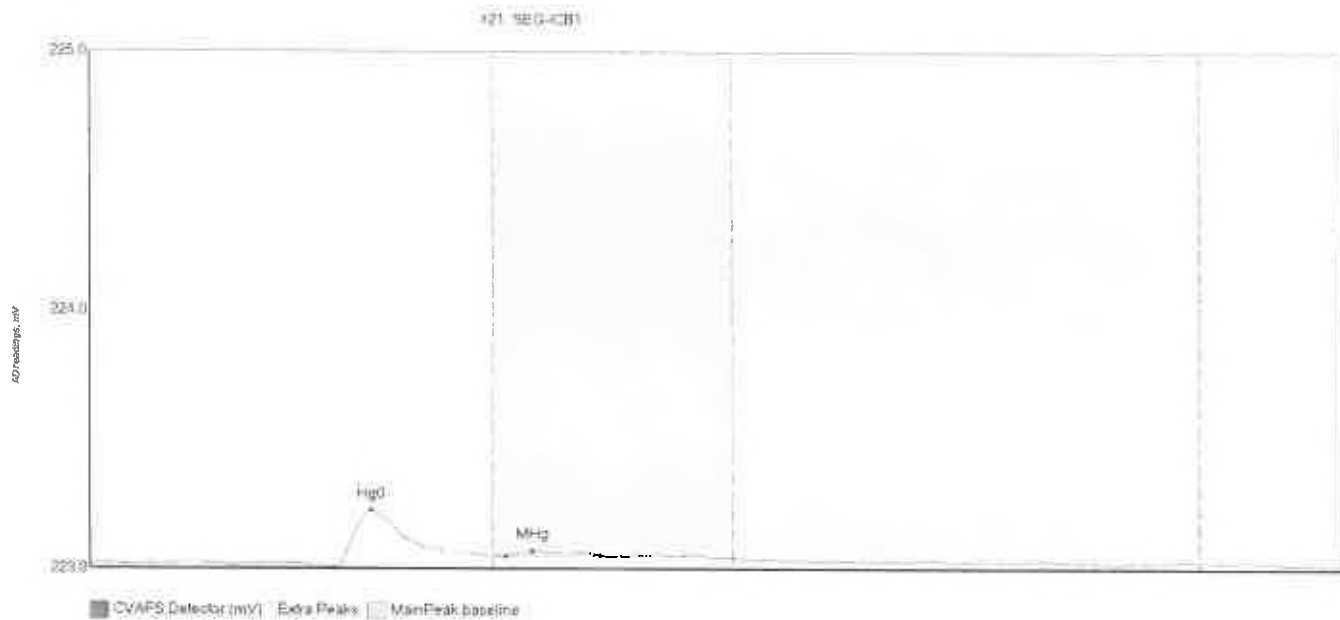
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CALS Hg0	38.736	48.3	78.2	222.96	223.03	56.4	0.353	OK	222.9756	0.00	0.03	
SEQ-CALS MHg	493.315	80.0	127.5	223.05	223.08	88.1	3.478	CT	222.9756	0.00	0.03	
SEQ-CALS HgII	8.739	153.3	179.3	223.00	223.07	167.0	0.094	OK	222.9756	0.00	0.03	



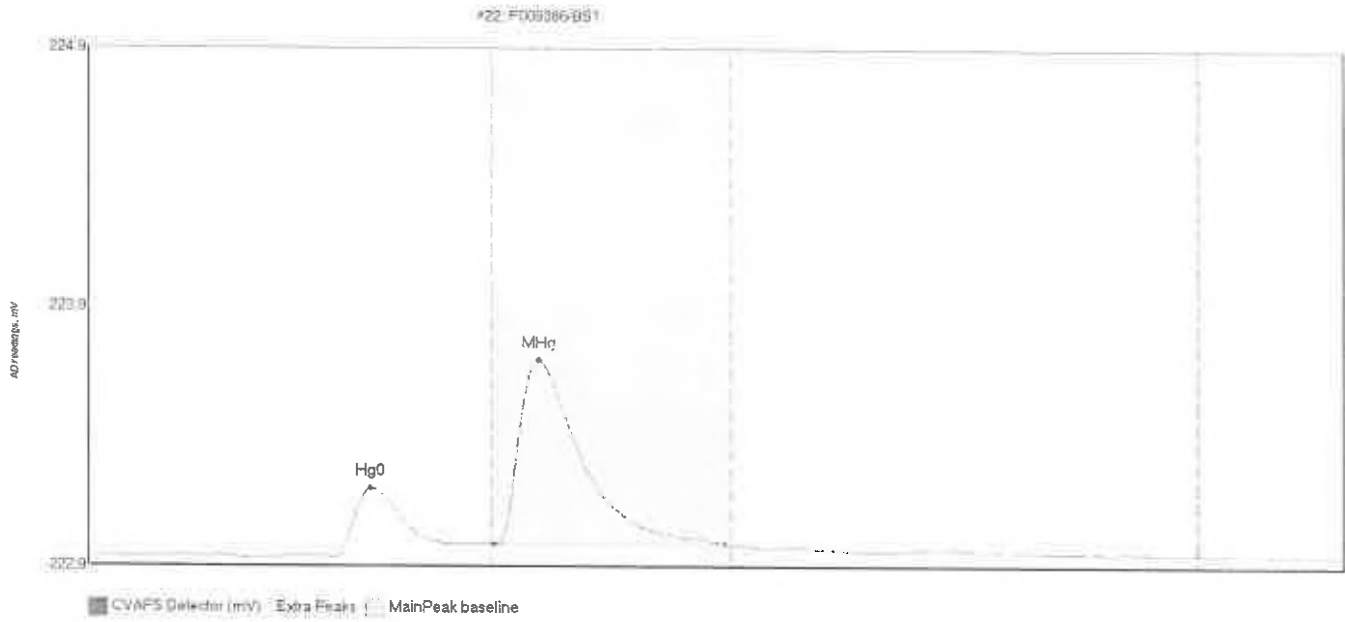
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
NEW ICV TEST Hg	27.314	45.9	78.3	222.97	223.01	56.2	0.242	OK	222.9822	0.00	0.00	
NEW ICV TEST MHg	72.572	80.0	123.6	223.02	223.02	88.5	0.510	OK	222.9822	0.00	0.00	



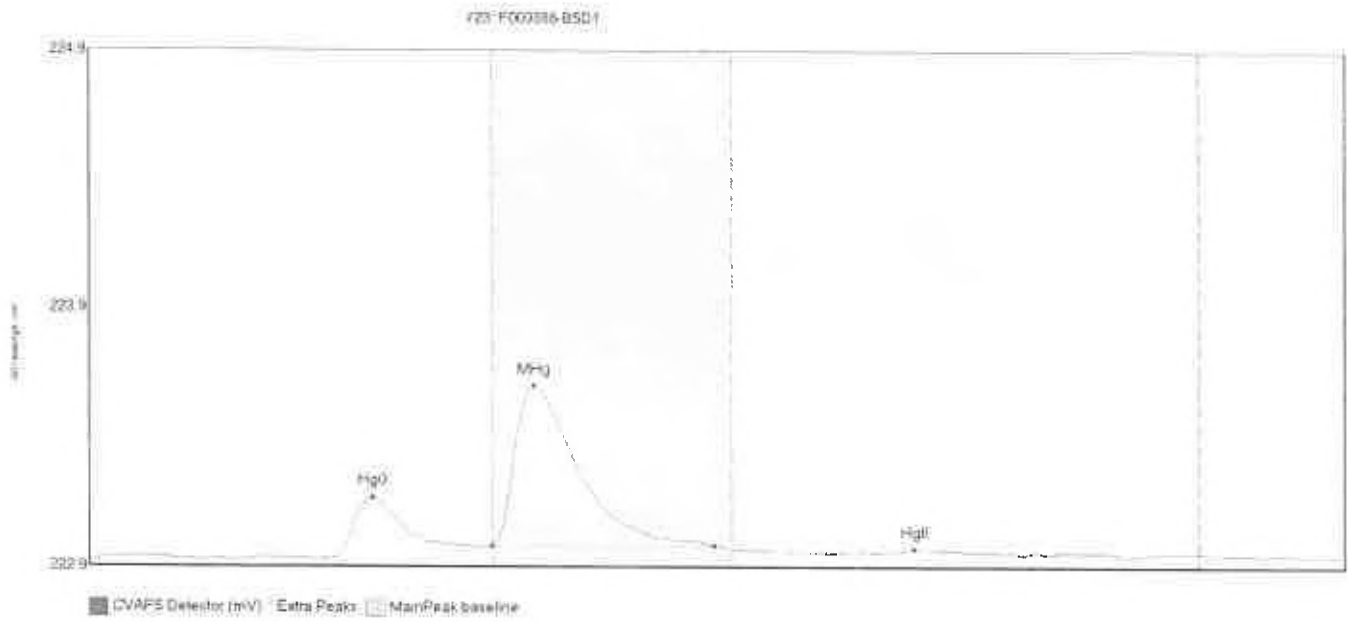
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	Shift	Comment
SEQ-1CV1 Hg0	32.627	48.6	79.1	222.97	223.01	56.6	0.301	OK	222.9728	0.00	0.01	
SEQ-1CV1 MHg	47.054	80.0	116.5	223.02	223.02	88.0	0.340	OK	222.9728	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-1CB1 Hg0	23.737	48.9	79.7	222.96	223.00	55.8	0.215	OK	222.9741	0.00	0.00	
SEQ-1CB1 MHg	2.031	82.5	101.3	223.00	223.01	87.8	0.019	OK	222.9741	0.00	0.00	

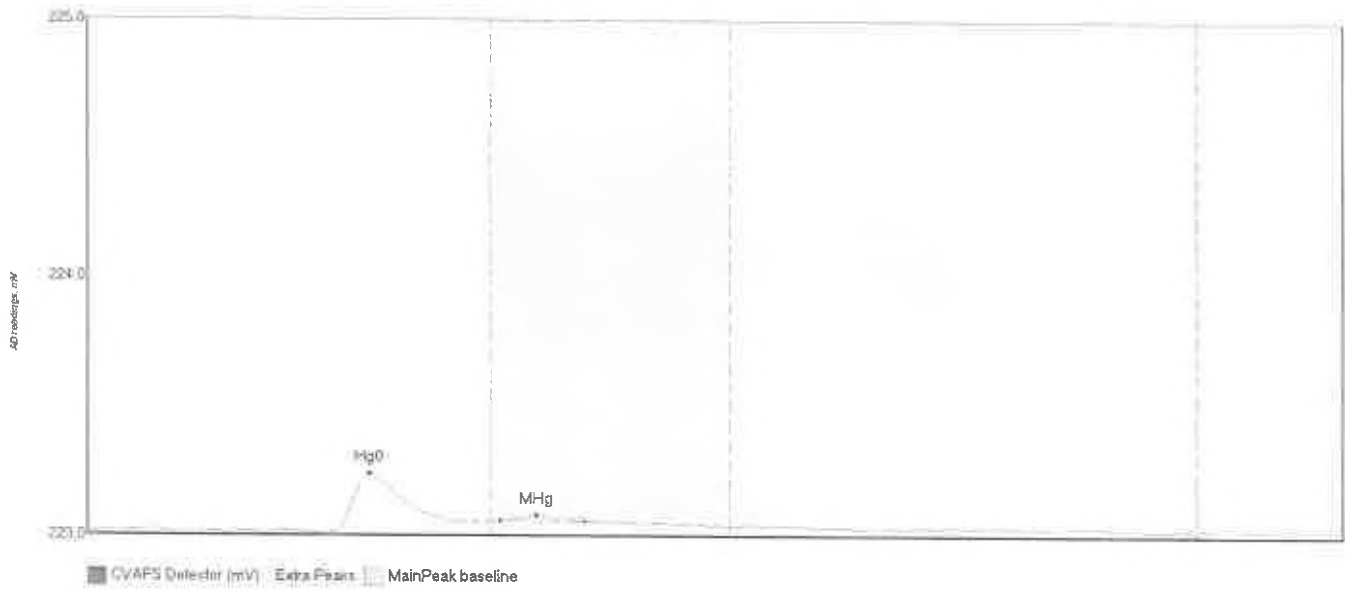


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Shift	Comment
F09306-RS1	25.644	48.9	73.0	222.96	223.01	56.0	0.266	OK	222.9704	0.00	0.00	
F09386-RS1	98.768	80.7	126.1	223.01	223.02	89.4	0.706	OK	222.9704	0.00	0.00	

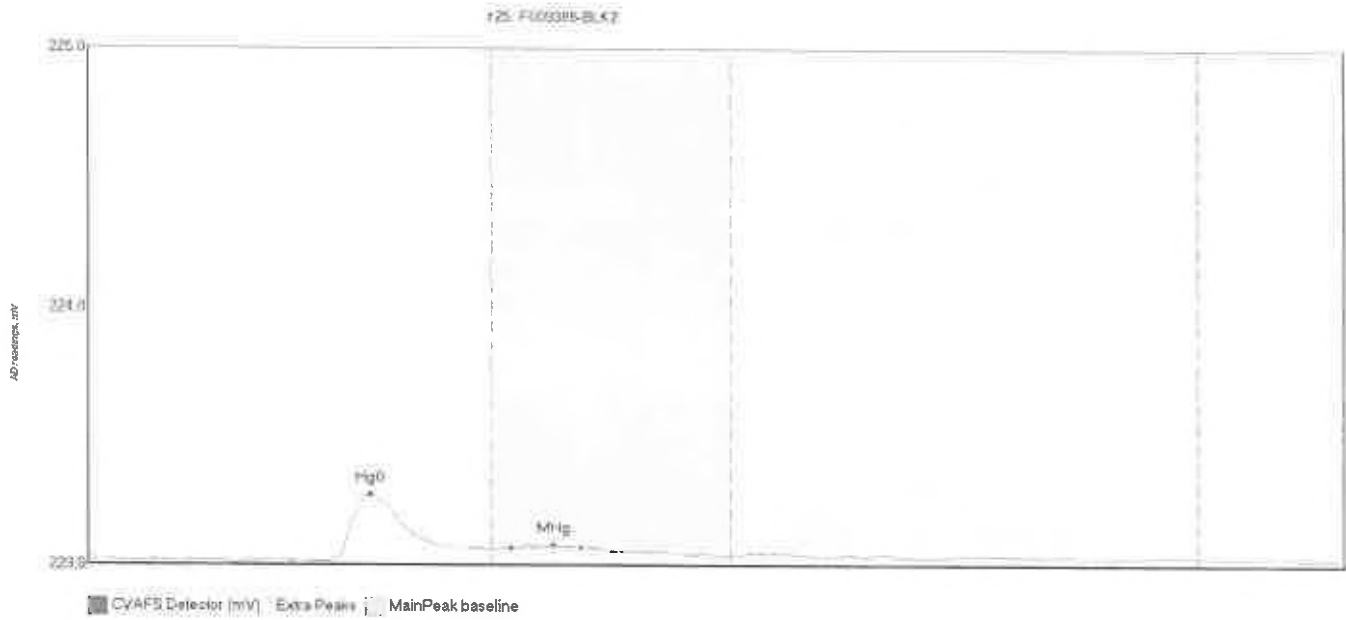


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009386-BSD1 Hg	24.437	47.2	78.9	222.96	223.01	56.3	0.233	OK	222.9623	0.00	0.01	F009386
F009386-BSD1 MH	89.838	80.0	124.0	223.01	223.01	88.3	0.618	OK	222.9623	0.00	0.01	F009386
F009386-BSD1 Hg	0.152	160.3	164.9	222.99	223.00	163.4	0.012	OK	222.9623	0.00	0.01	F009386

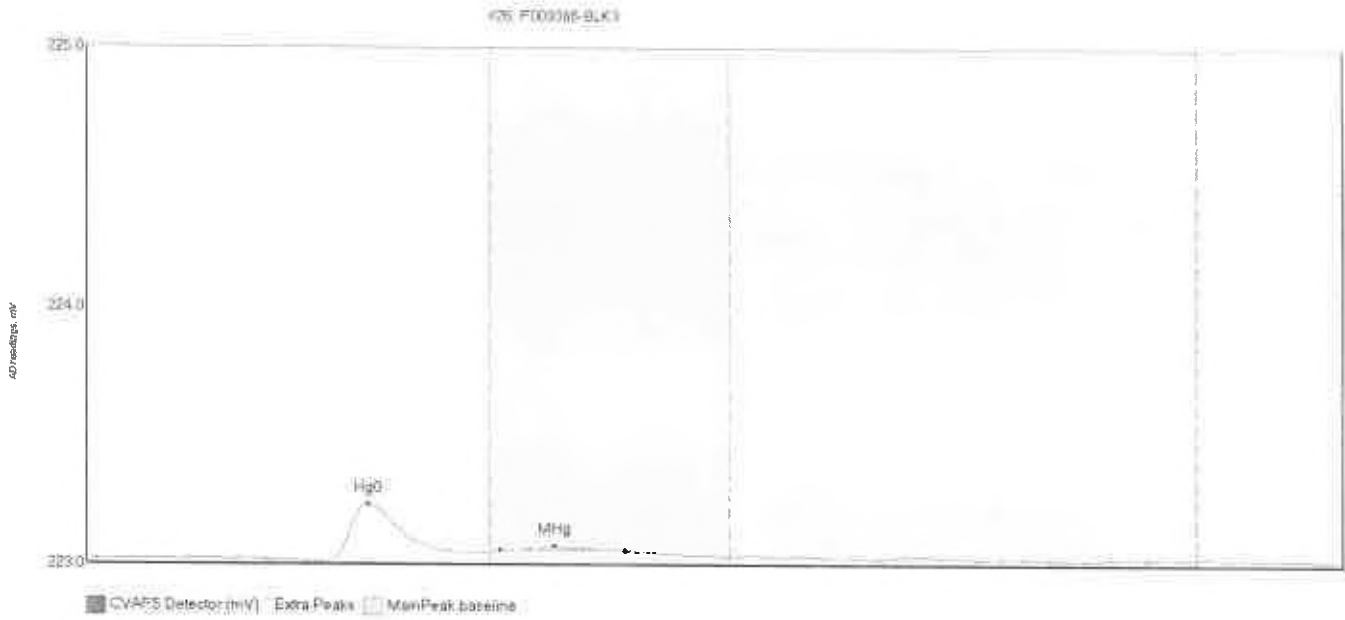
#24: F009386-BLK1



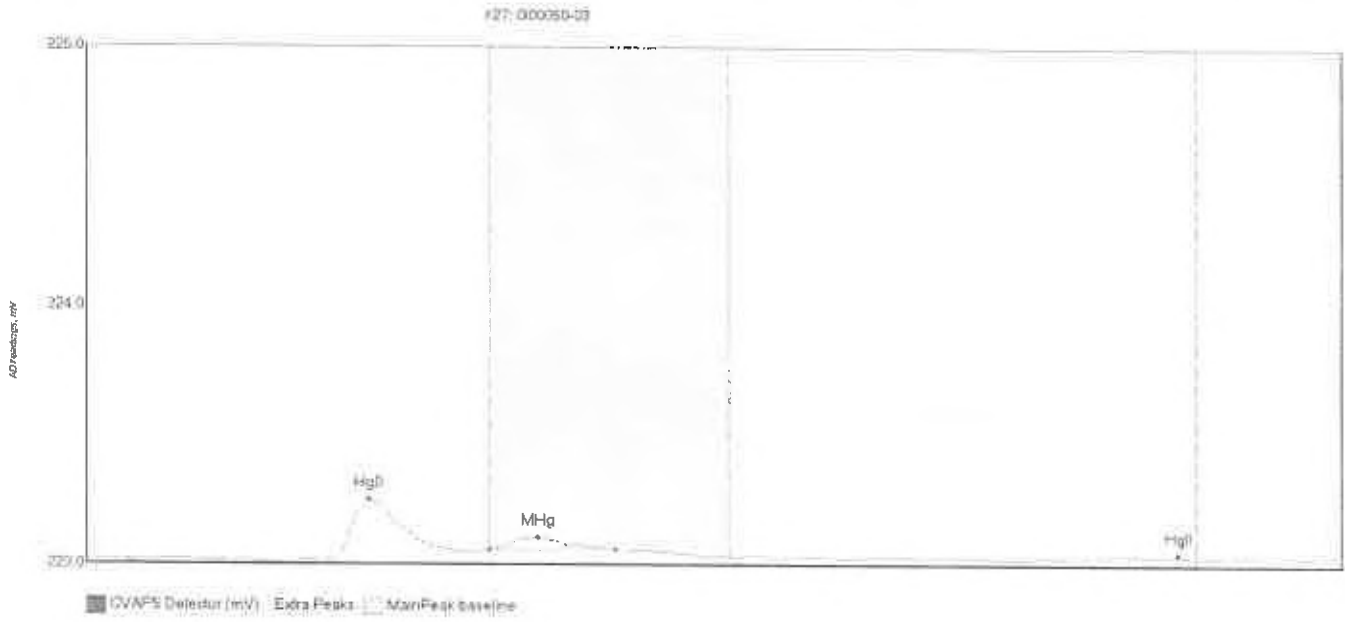
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIdev	BIShift	Comment
F009386-BLK1 Hg	23.008	48.9	75.3	222.97	223.01	56.1	0.226	OK	222.9750	0.00	0.00	
F009386-BLK1 MHg	1.905	82.0	98.5	223.02	223.01	89.0	0.020	OK	222.9750	0.00	0.00	



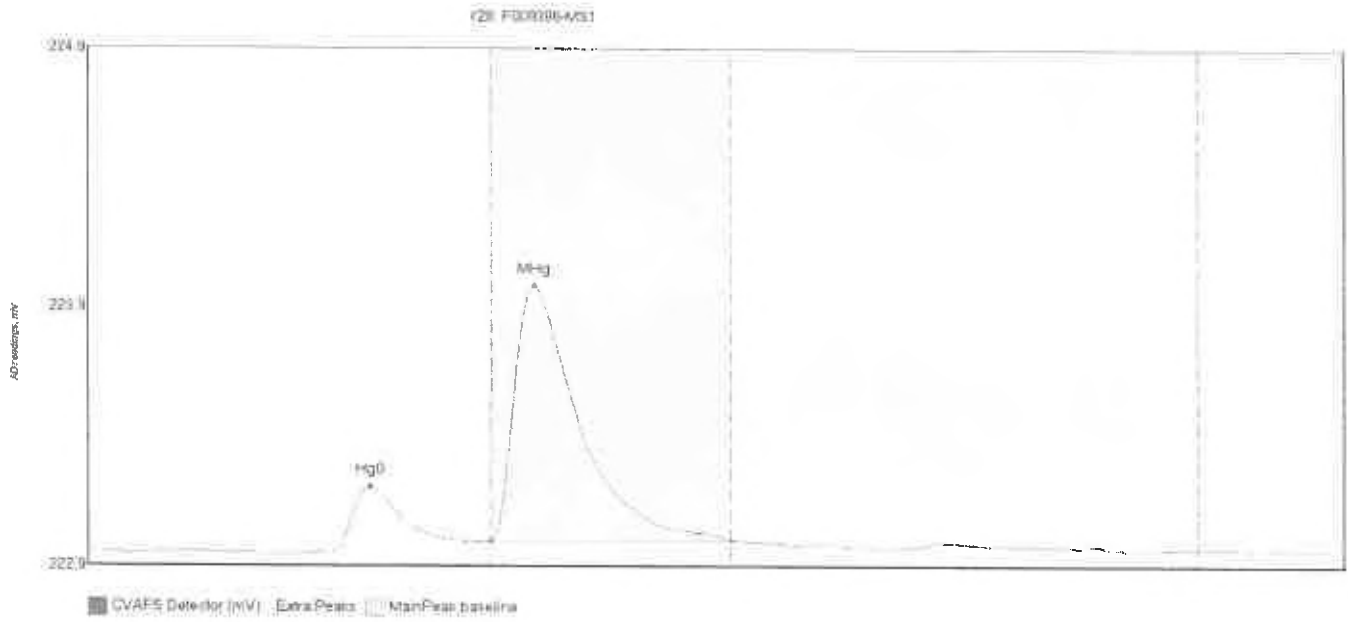
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009386-BLK2 Hg	27.543	47.3	79.9	222.98	223.03	56.1	0.256	OK	222.9911	0.00	-0.01	F009386
F009386-BLK2 MHg	0.845	83.9	97.7	223.03	223.03	92.2	0.012	OK	222.9911	0.00	-0.01	F009386



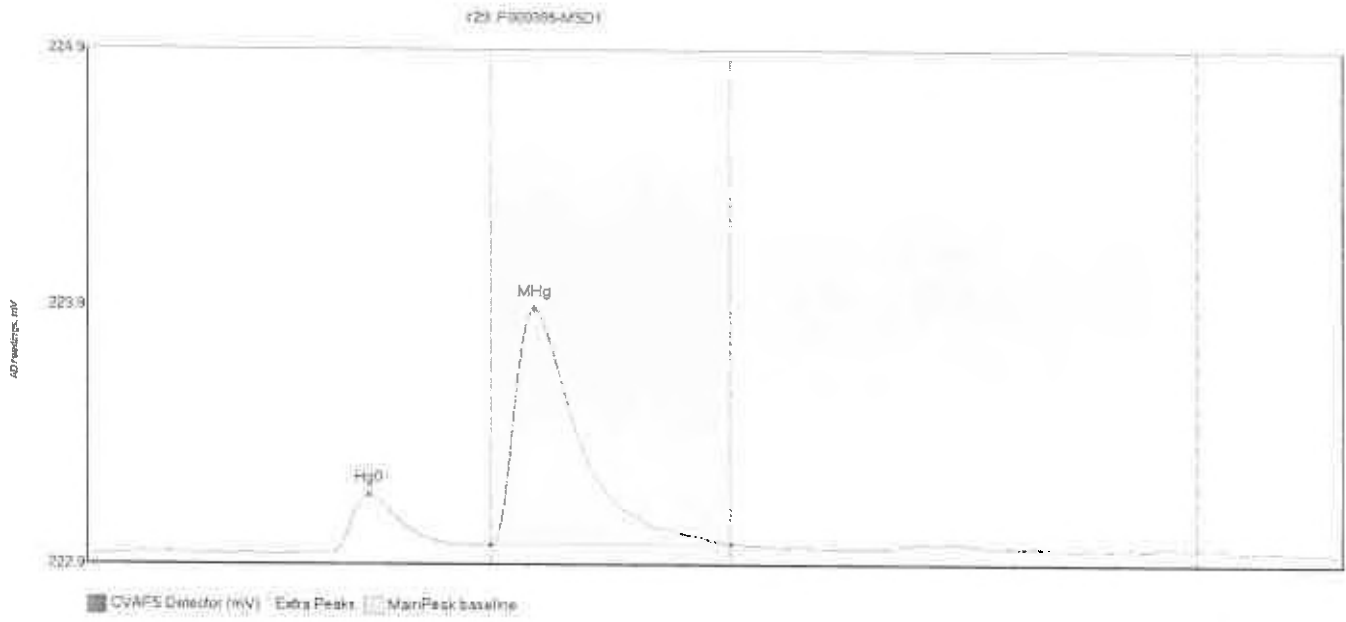
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009386-BLK3 Hg	23.619	48.3	76.7	222.97	223.00	55.8	0.218	OK	222.9842	0.00	-0.01	F009386
F009386-BLK3 MH	1.566	81.9	106.8	223.01	223.01	92.7	0.016	OK	222.9842	0.00	-0.01	F009386



Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
01:00:50-101	Hg0 24.639	48.8	76.6	222.97	223.00	56.1	0.230	OK	222.9733	0.00	0.01	
01:04:50-103	MHg 5.777	80.0	104.8	223.01	223.01	89.5	0.049	OK	222.9733	0.00	0.01	
01:38:50-103	HgII 0.223	212.3	218.0	222.98	222.99	216.2	0.011	OK	222.9733	0.00	0.01	

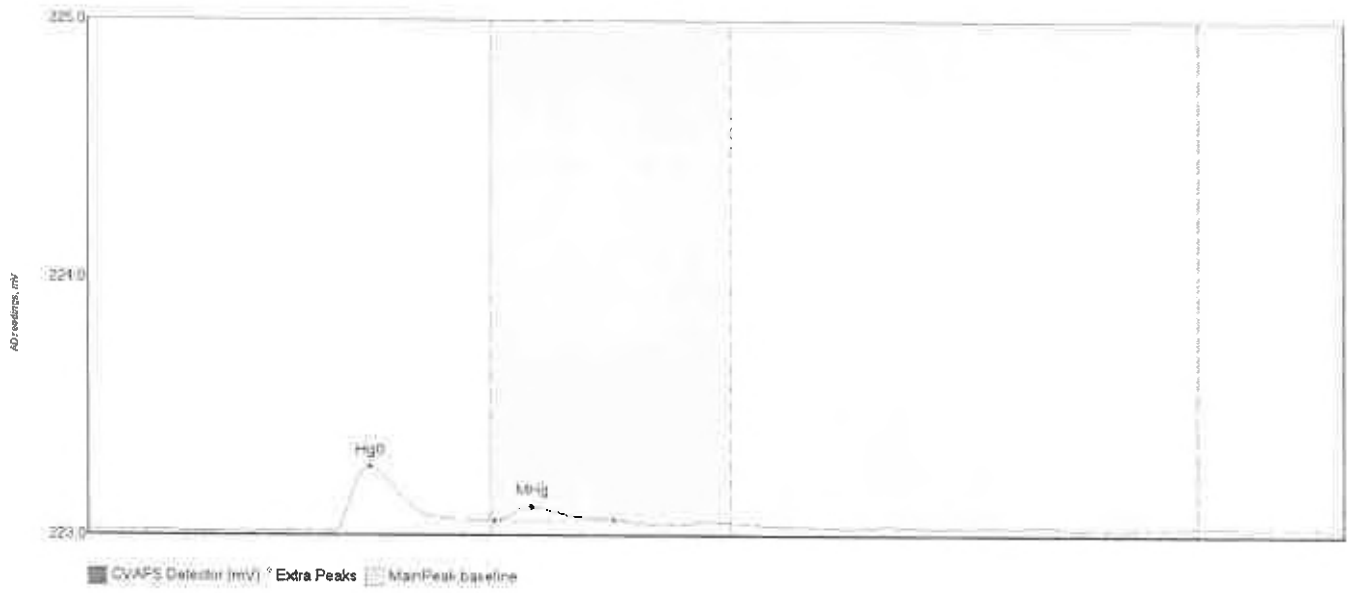


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009386-MS1 Hg0	25.804	48.7	76.5	222.98	223.01	56.1	0.246	OK	222.9798	0.00	0.00	F009336
F009386-MS1 MHg	144.185	80.0	127.5	223.02	223.02	88.4	0.984	CT	222.9798	0.00	0.00	F009386

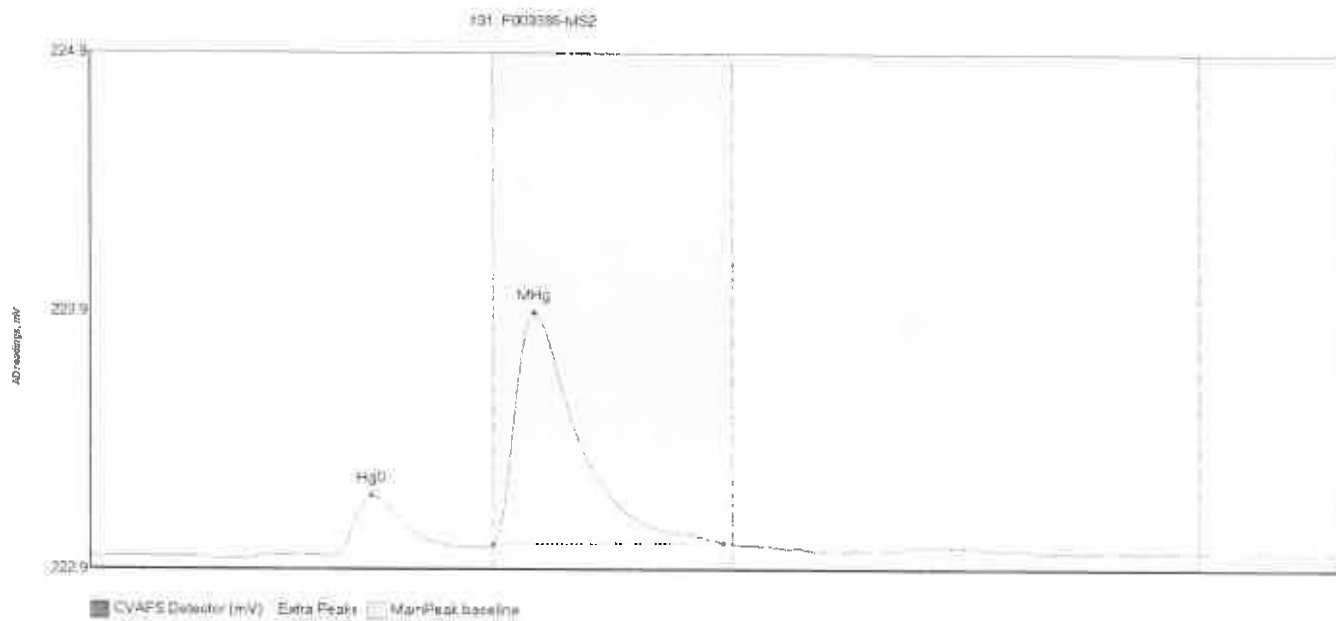


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009386-MSD1 Rg	23.799	42.4	79.0	222.97	223.00	55.9	0.224	OK	222.9676	0.00	0.00	
F009386-MSD1 MH	132.541	80.0	127.5	223.00	223.01	88.6	0.912	CT	222.9676	0.00	0.00	

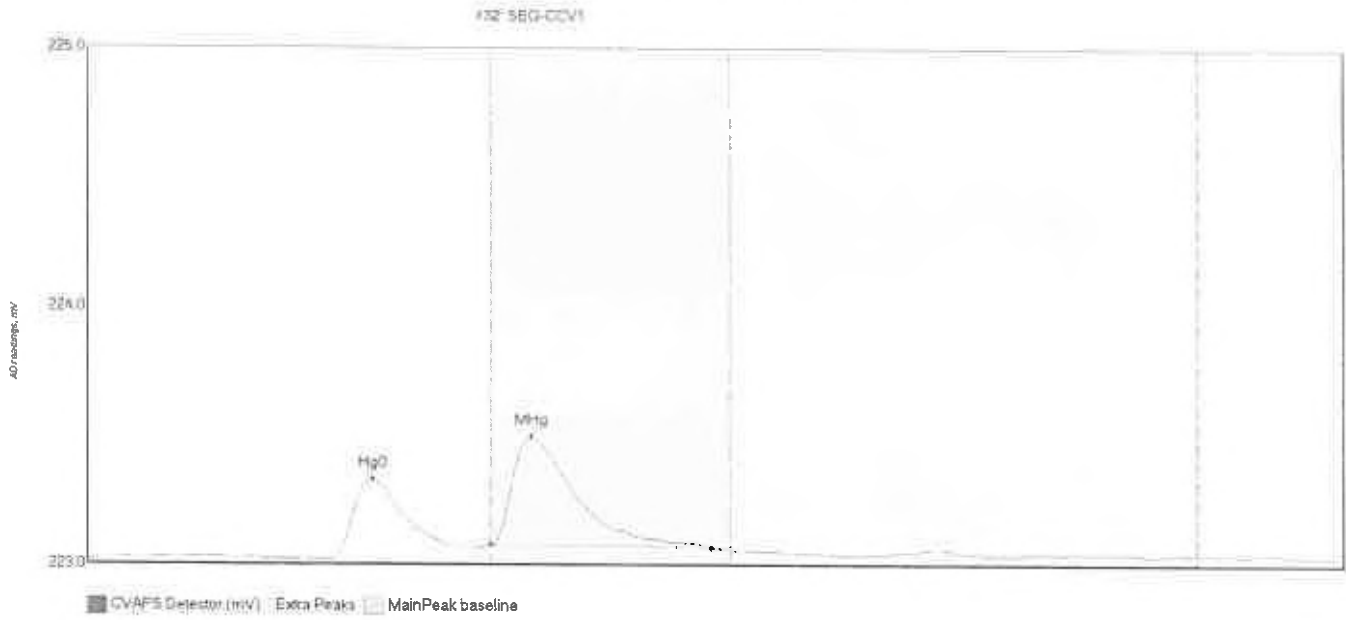
#30: 000055-01



Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Bishift	Comment
000055-01 Hg0	26.338	48.6	79.2	222.97	223.01	56.1	0.250	OK	222.9700	0.00	0.00	F009386
000055-01 MHg	6.027	80.6	104.2	223.01	223.01	88.0	0.054	OK	222.9700	0.00	0.00	F009386

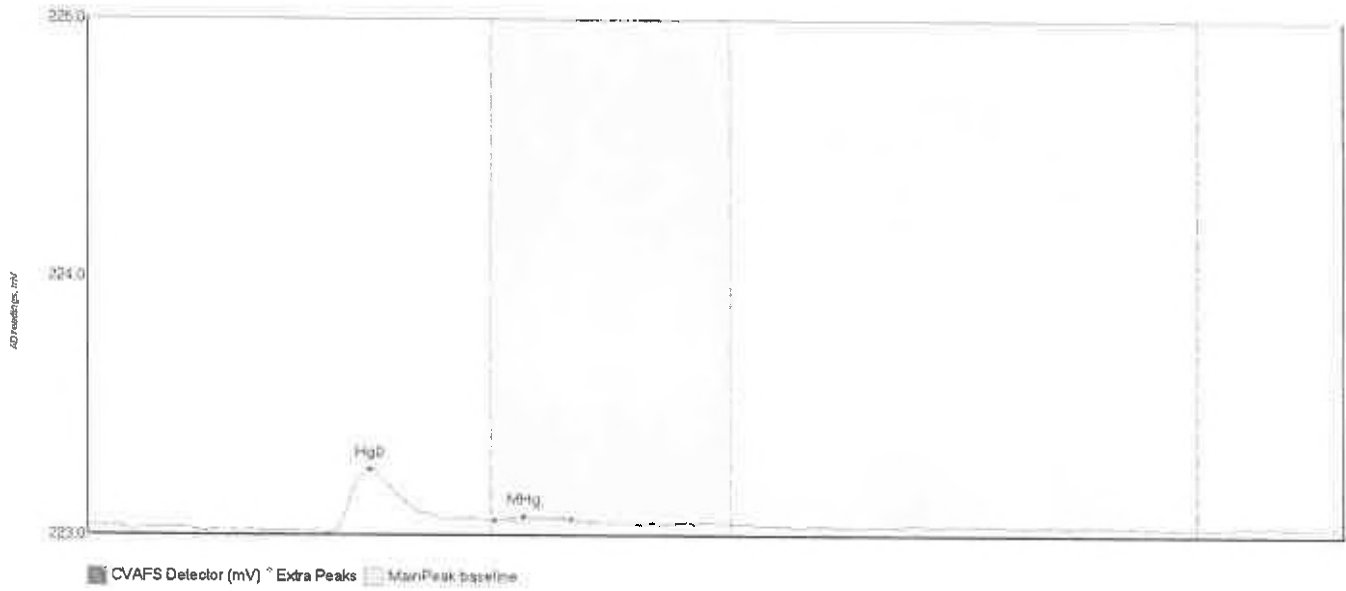


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BShift	Comment
F009386-MS2 Hg0	24.380	47.7	77.0	222.97	223.01	55.9	0.233	OK	222.9720	0.00	0.01	
F009386-MS2 MHg	129.207	80.0	125.6	223.02	223.03	88.1	0.901	OK	222.9720	0.00	0.01	

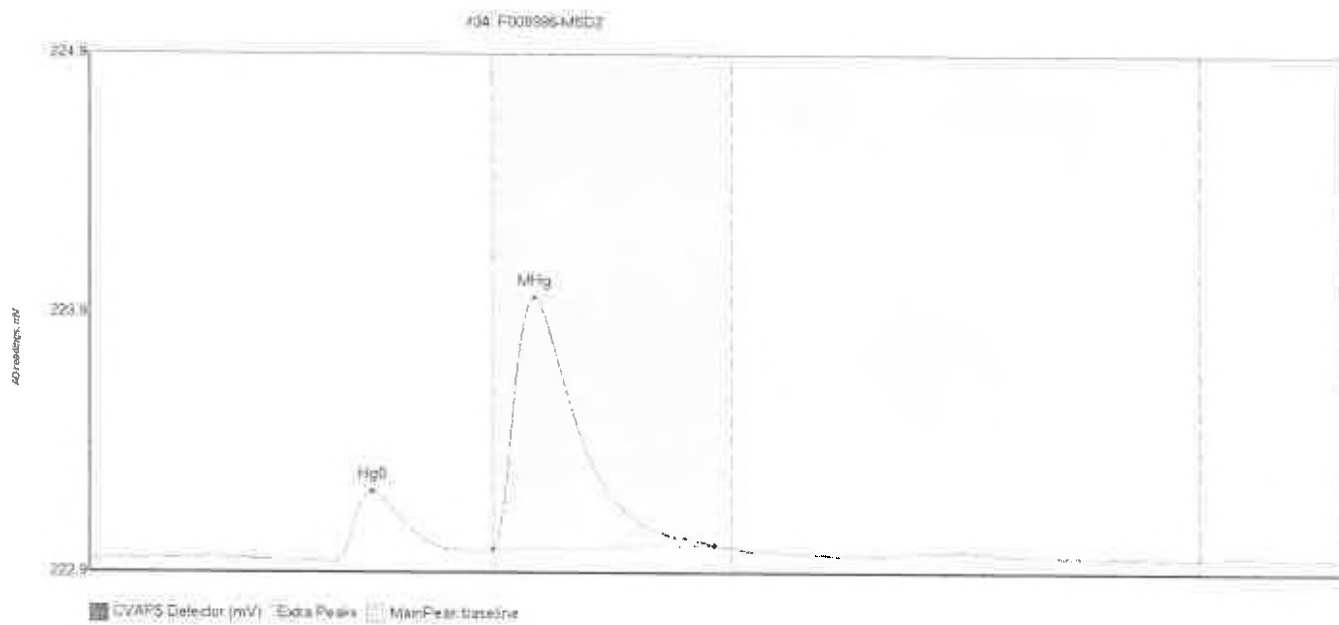


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CCV1 Hg0	33.307	48.1	77.6	222.97	223.02	56.6	0.311	OK	222.9718	0.00	0.01	
SEQ-CCV1 MHg	61.020	80.0	123.5	223.03	223.02	88.1	0.424	OK	222.9718	0.00	0.01	

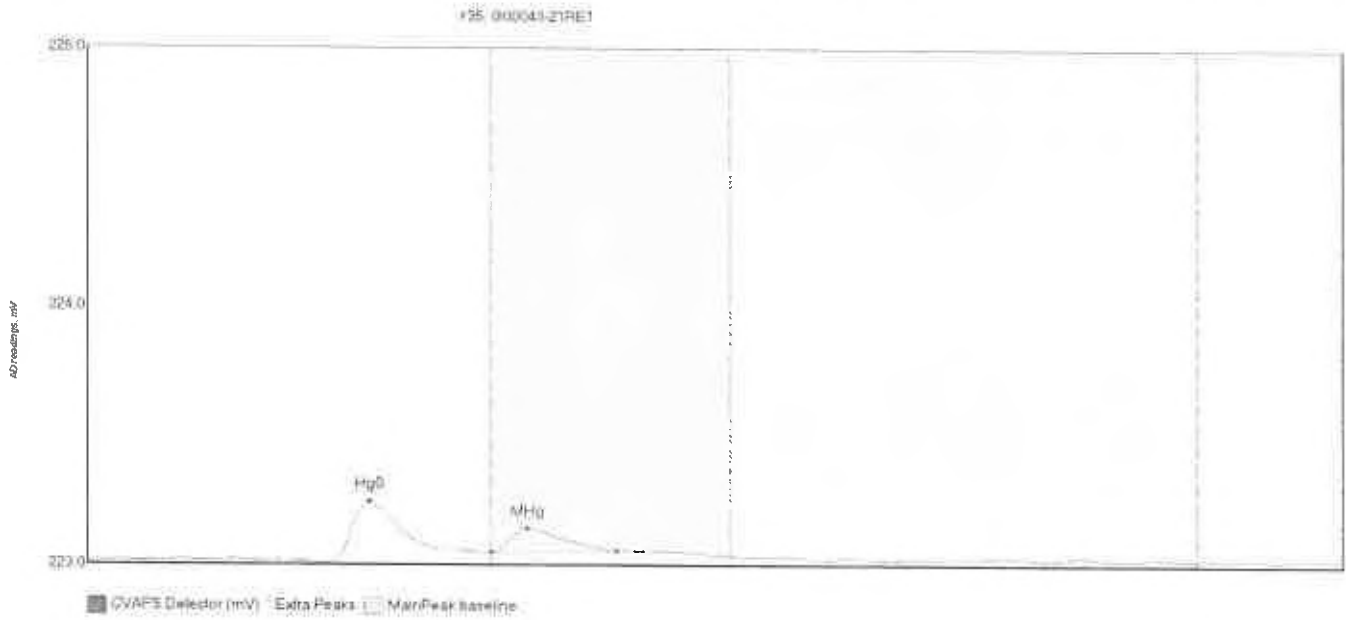
#33: SEG-CCB1



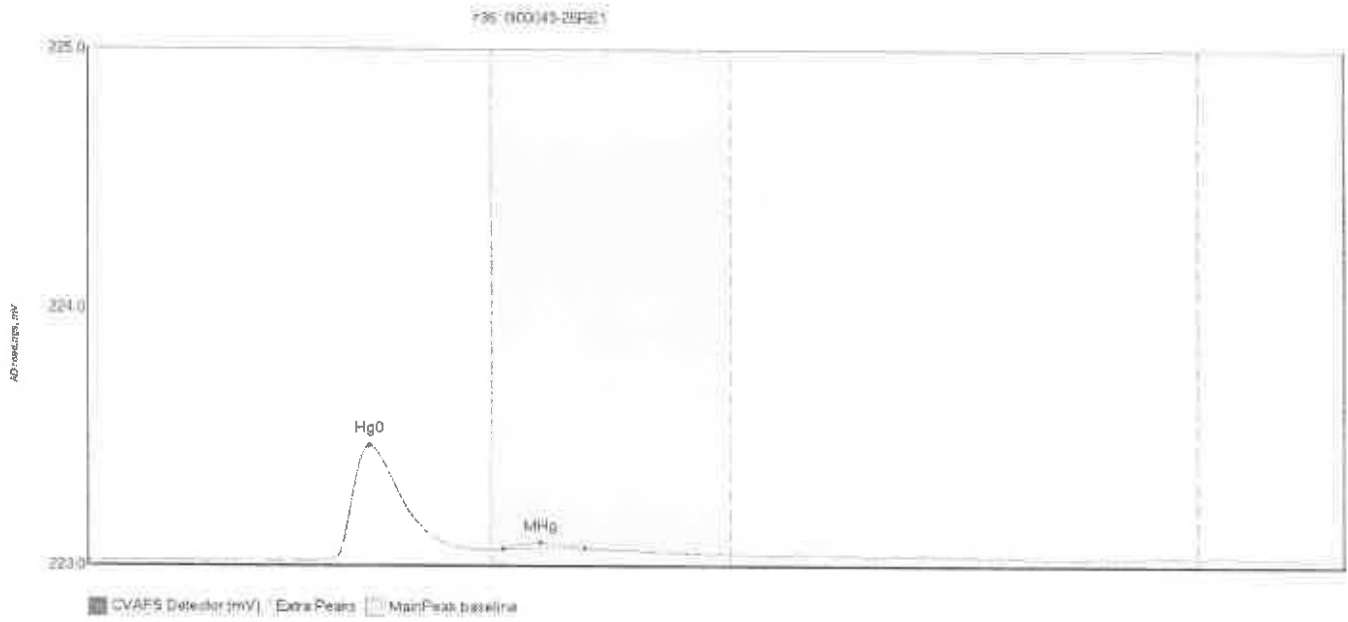
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEG-CCB1 Hg0	26.274	48.1	80.0	222.97	223.02	56.0	0.242	CF	222.9942	0.00	-0.01	
SEG-CCB1 MHg	1.353	80.7	95.8	223.01	223.02	86.4	0.016	OK	222.9942	0.00	-0.01	



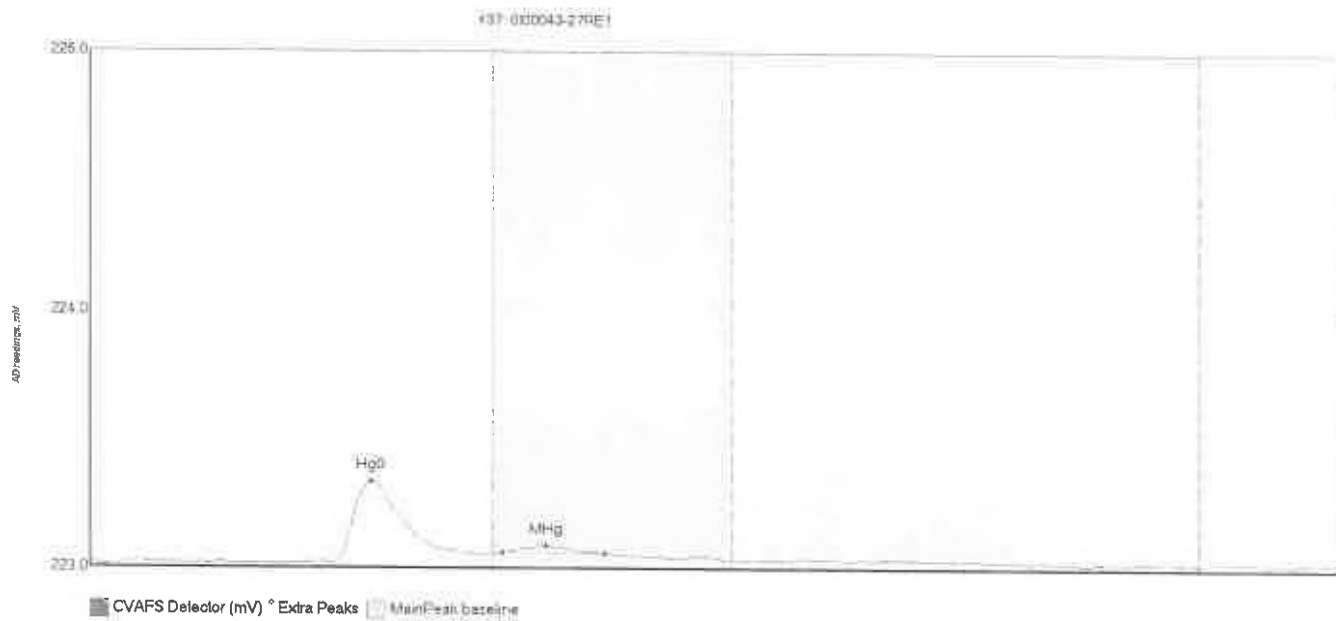
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009386-MSD2 Hg	29.456	48.5	77.9	222.97	223.01	56.2	0.269	OK	222.9798	0.00	0.00	F009386
F009386-MSD2 MHg	139.731	80.0	123.7	223.02	223.03	88.2	0.968	OK	222.9798	0.00	0.00	F009386



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100043-21RE1 H	24.480	46.8	76.8	222.97	223.01	56.0	0.231	OK	222.9770	0.00	0.01	
0100043-21RE1 M	10.777	80.2	104.9	223.01	223.01	87.2	0.092	OK	222.9770	0.00	0.01	

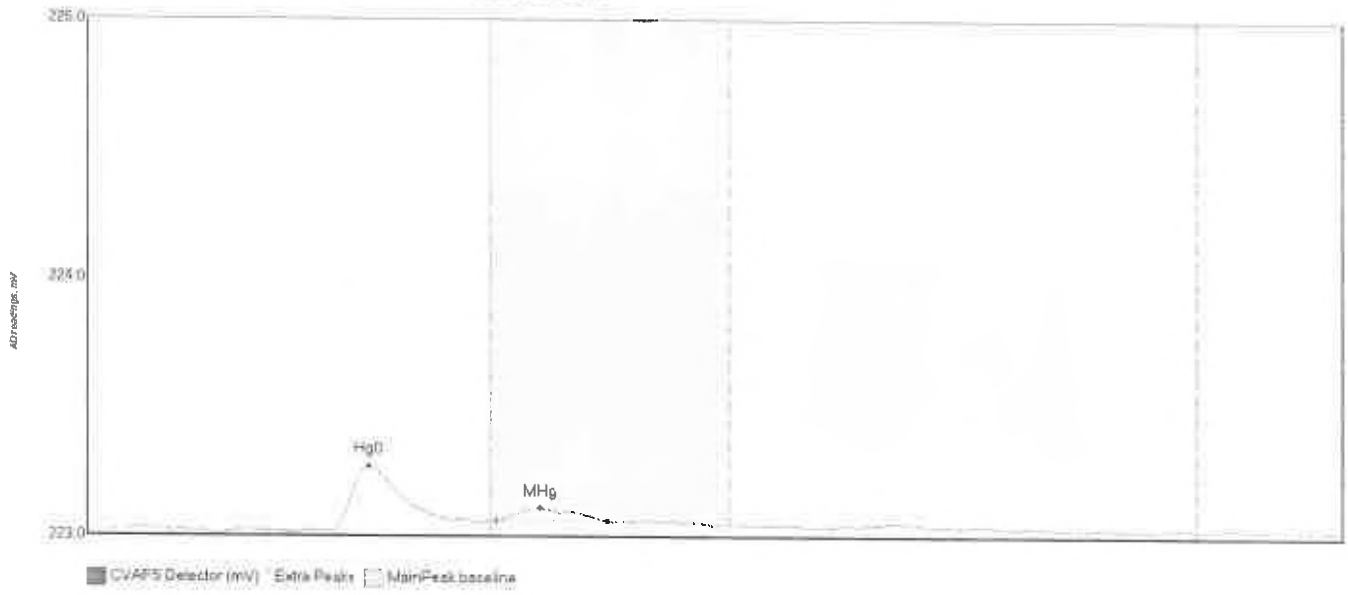


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100043-26RE1 H	48.300	48.7	79.7	222.98	223.01	55.8	0.443	OK	222.9749	0.00	0.01	F009386
0100043-26RE1 M	2.417	82.2	98.3	223.02	223.02	89.6	0.026	OK	222.9749	0.00	0.01	F009386



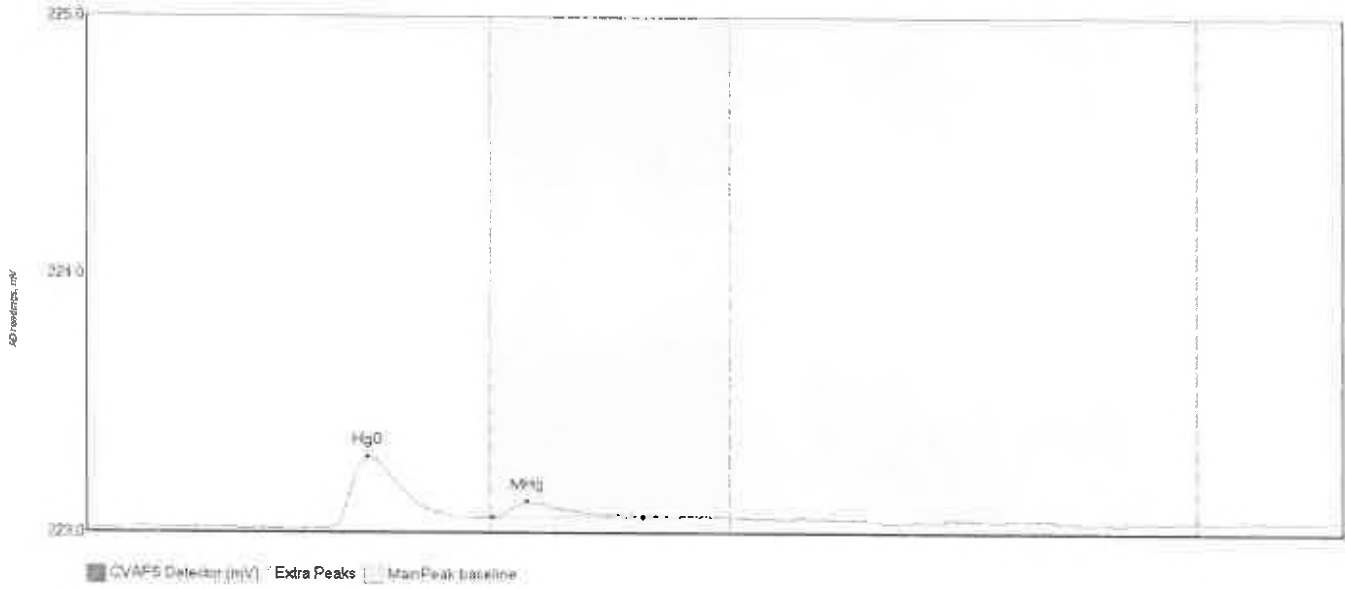
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100043-27RE1 H	33.132	48.2	76.3	222.99	223.02	55.9	0.312	OK	222.9861	0.00	0.00	
0100013-27RS1 M	3.110	82.0	102.1	223.02	223.02	90.5	0.028	OK	222.9861	0.00	0.00	

FILE 000043-28RE1

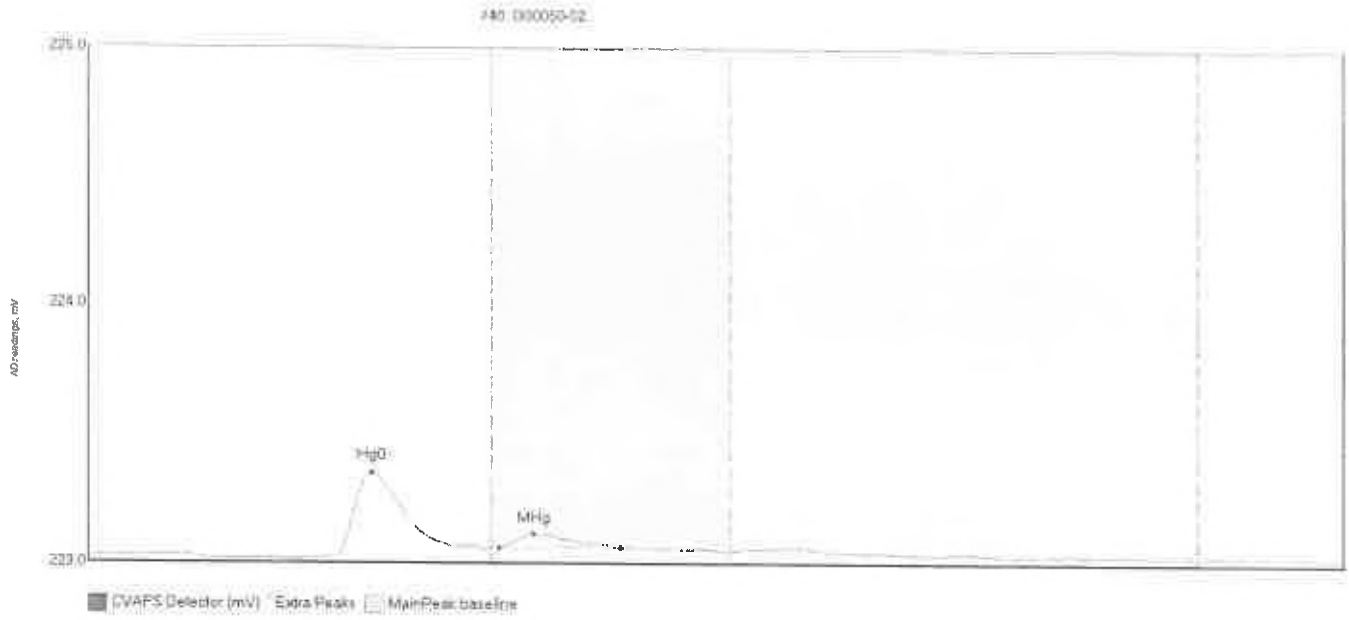


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100043-28RE1 H	26.253	48.9	77.8	222.98	223.01	55.9	0.242	OK	222.9830	0.00	0.00	
0100043-28RE1 M	5.848	81.2	103.0	223.02	223.02	89.8	0.048	OK	222.9830	0.00	0.00	

#39: 0100050-01

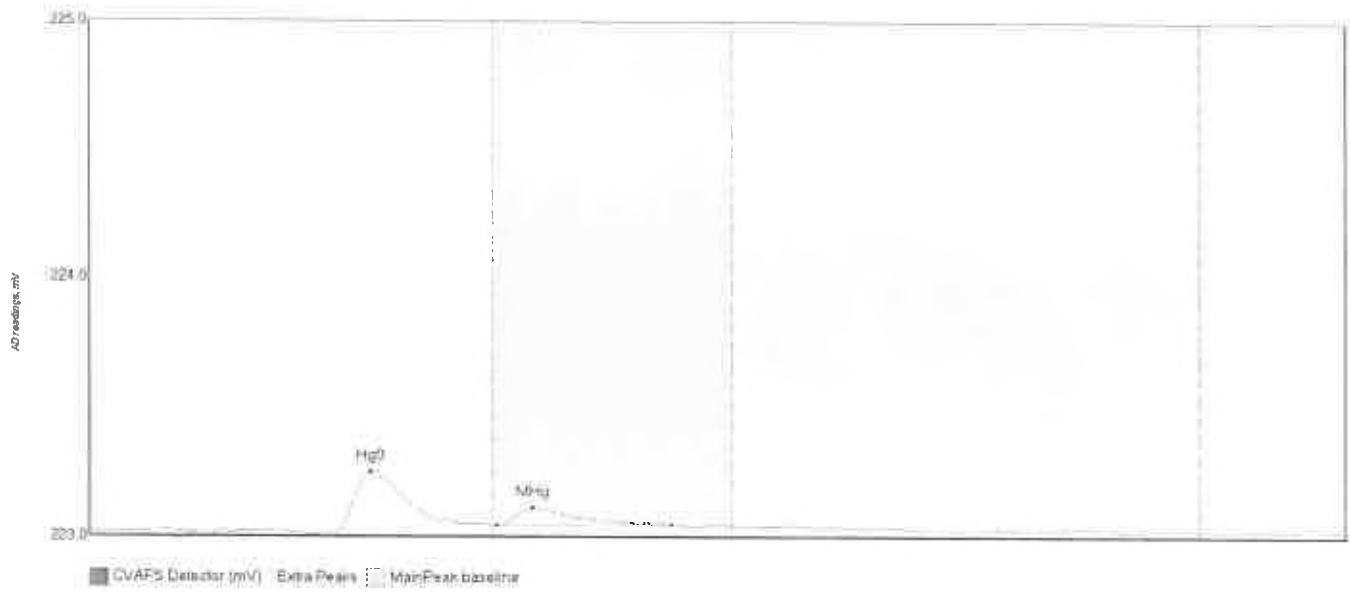


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100050-01 Hg0	29.557	40.3	79.3	222.98	223.02	55.7	0.271	OK	222.9781	0.00	0.02	F009386
0100050-01 MHg	7.103	80.4	110.1	223.02	223.02	87.3	0.060	OK	222.9781	0.00	0.02	F009386

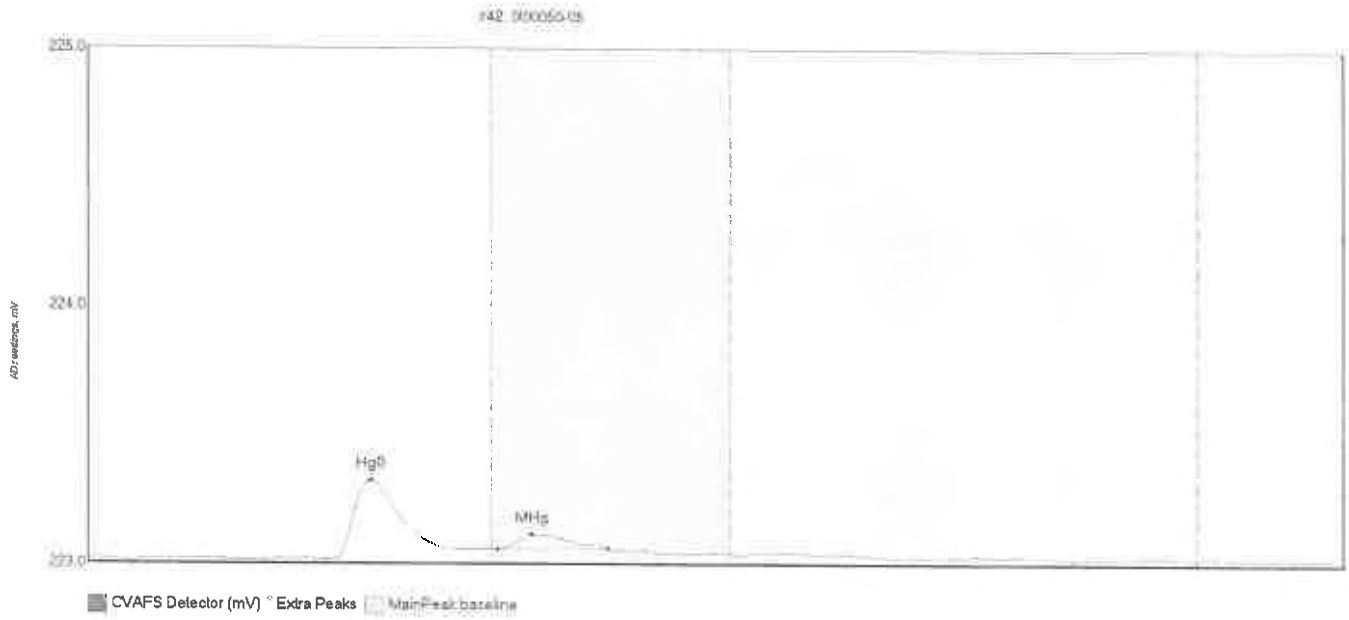


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100050-02 Hg0	35.157	48.8	78.2	222.99	223.02	56.4	0.325	OK	222.9888	0.00	0.00	
0100050-02 MHg	6.808	81.6	105.5	223.02	223.03	88.4	0.055	OK	222.9888	0.00	0.00	

#41: 0100050-04

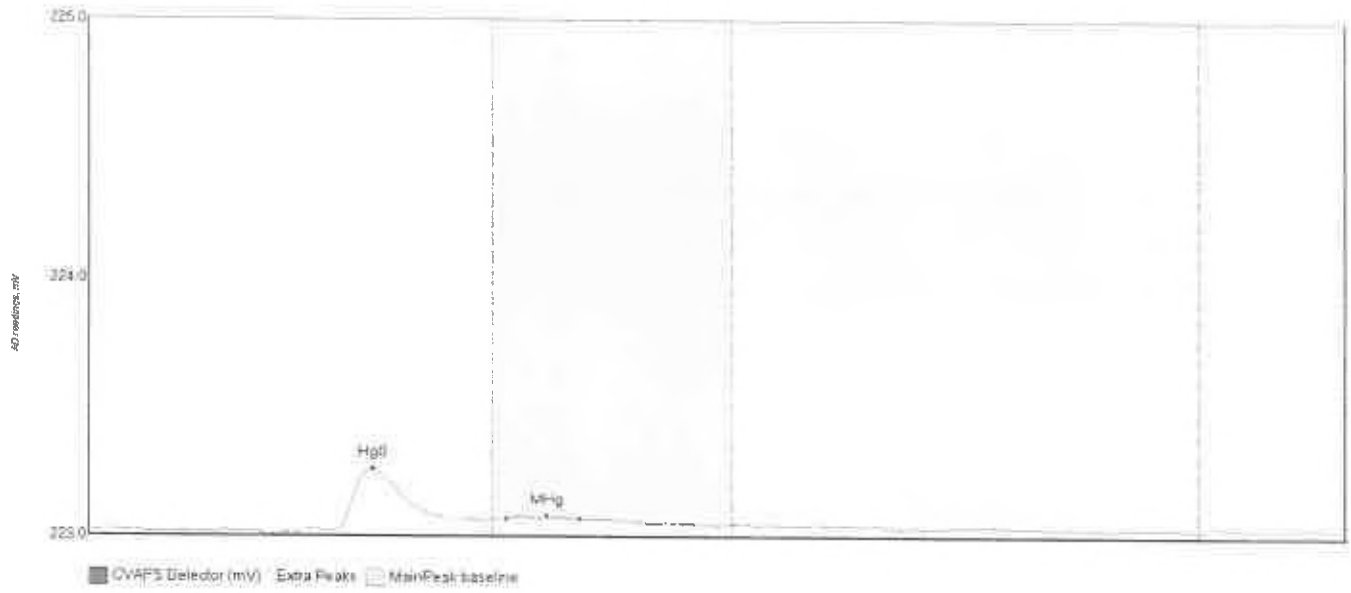


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100050-04 Hg0	26.562	48.8	80.0	222.99	223.02	55.9	0.238	CT	222.9944	0.00	0.00	F009386
0100050-04 Mhg	9.173	80.8	115.3	223.02	223.02	87.9	0.067	OK	222.9944	0.00	0.00	F009386

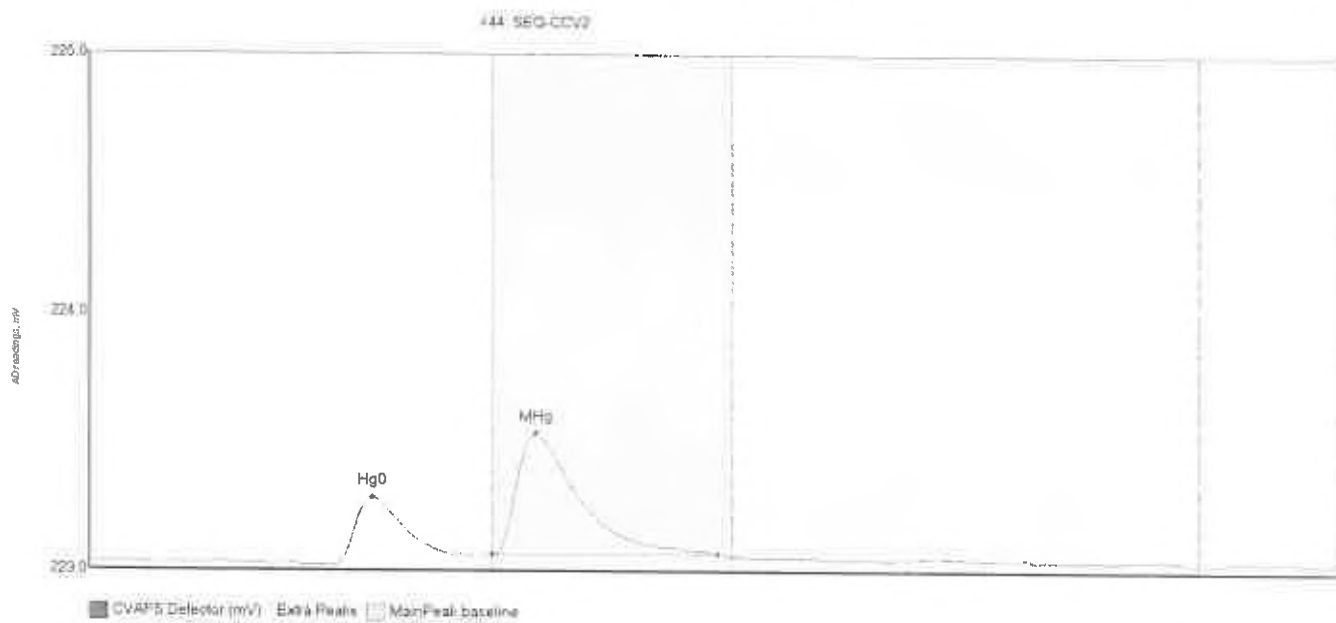


Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
31.346	Hg0	48.5	77.8	222.99	223.03	56.2	0.309	OK	222.9907	0.00	0.00	
6.638	MHg	81.3	103.1	223.03	223.03	88.0	0.057	OK	222.9907	0.00	0.00	

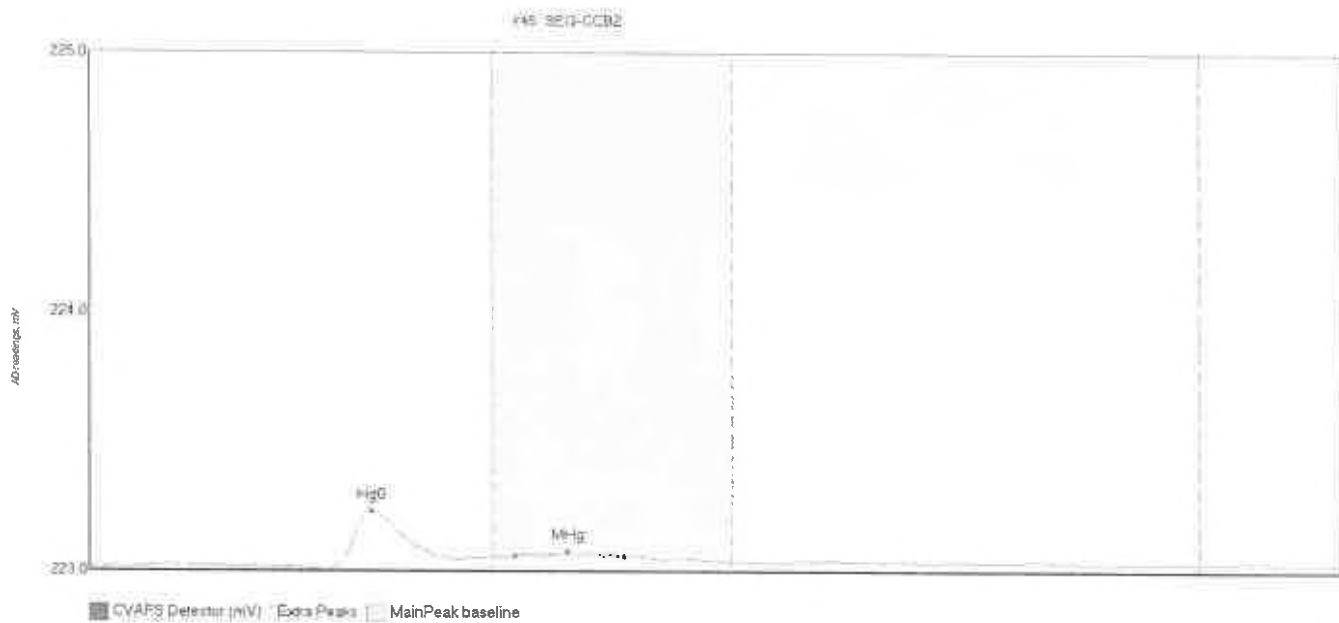
#43: 0100050-06



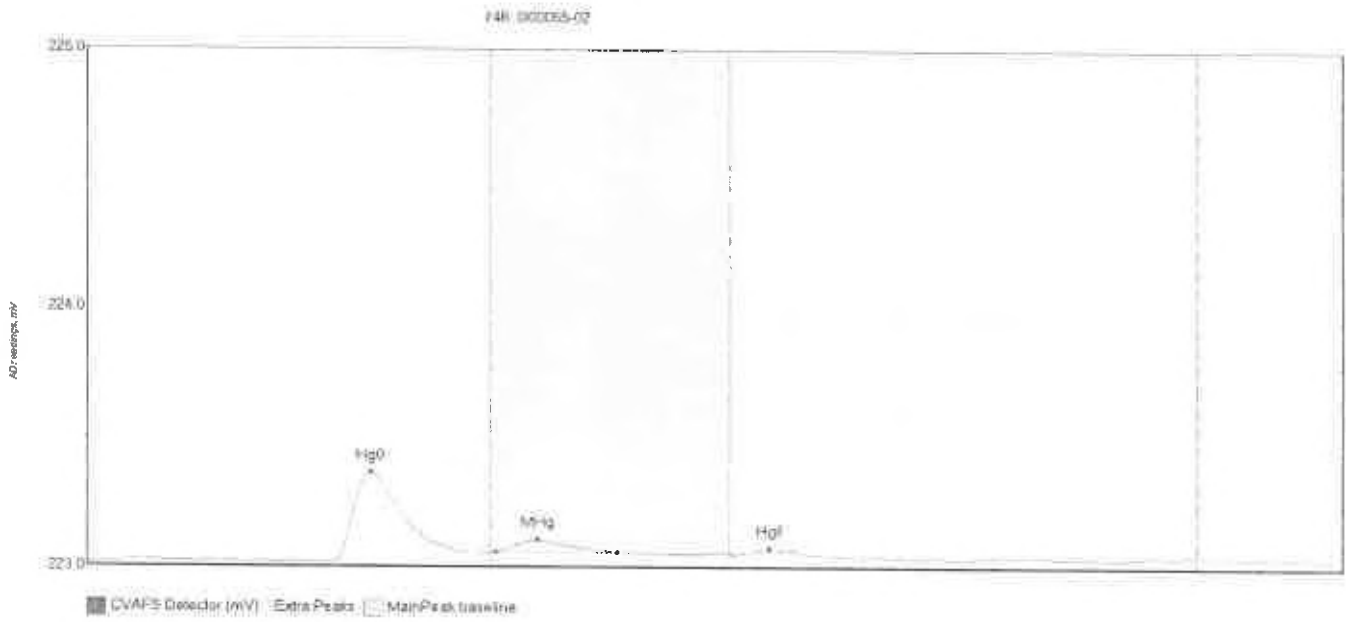
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100050-06 Hg0	25.691	48.8	78.5	222.98	223.03	56.3	0.242	OK	222.9830	0.00	0.01	F009386
0100050-06 MHg	1.107	82.7	97.2	223.03	223.03	90.8	0.011	OK	222.9830	0.00	0.01	F009386



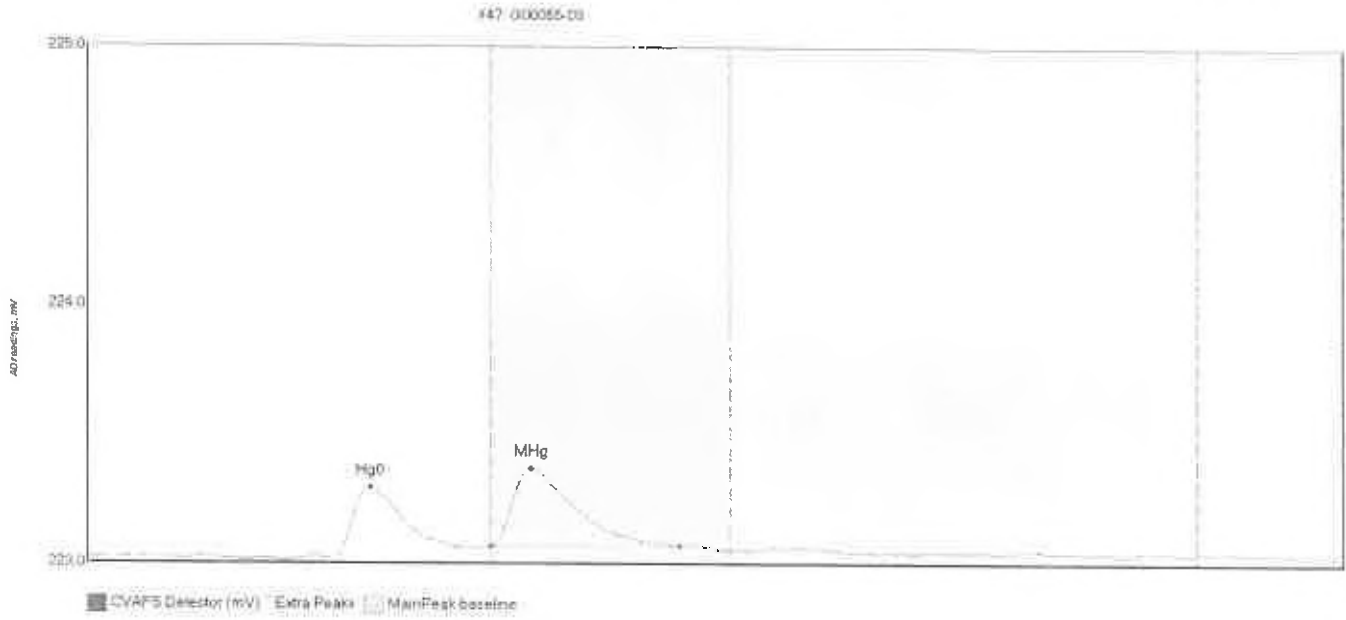
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCV2 Hg0	27.526	49.3	76.0	222.99	223.02	56.2	0.262	OK	223.0032	0.00	0.00	
SEQ-CCV2 MHg	67.113	60.0	174.6	223.03	223.03	88.5	0.472	OK	223.0032	0.00	0.00	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BShift	Comment
SEQ-CCB2 Hg0	21.923	47.4	73.5	222.99	223.02	56.1	0.214	OK	222.9976	0.00	0.00	
SEQ-CCB2 MHg	1.904	84.4	105.9	223.03	223.03	94.8	0.016	OK	222.9976	0.00	0.00	

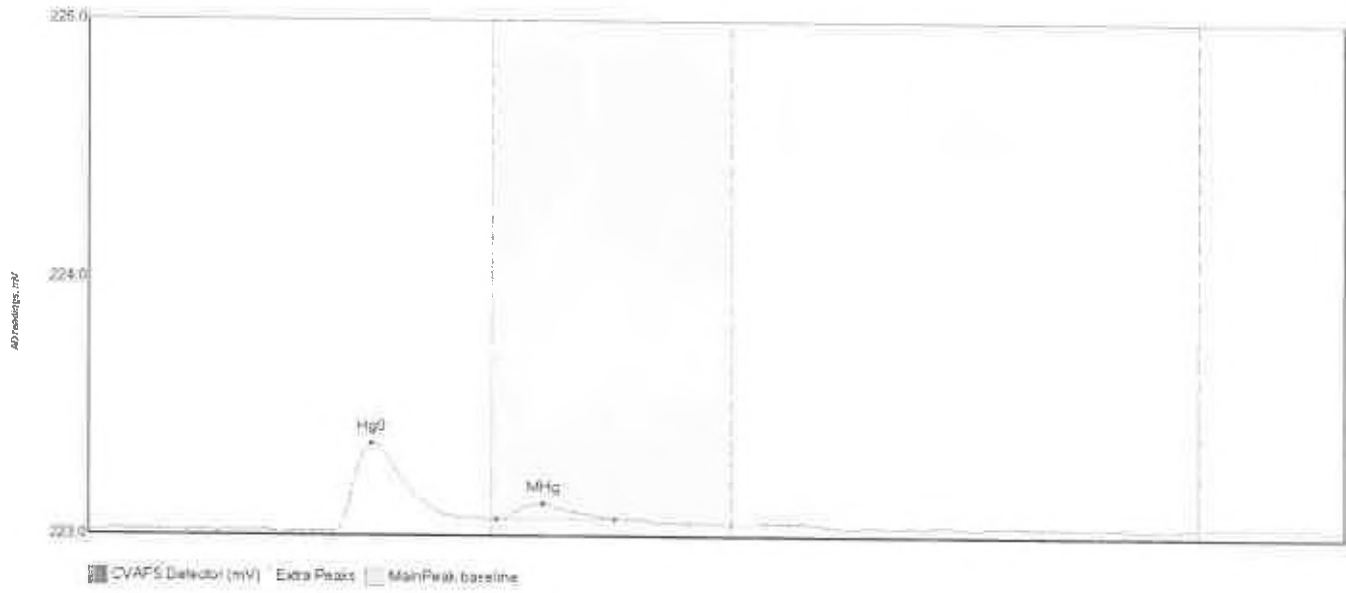


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100055-02 Hg0	36.987	48.9	79.2	222.99	223.03	56.3	0.343	OK	222.9888	0.00	0.01	F009386
0100055-02 MHg	5.185	81.2	105.1	223.03	223.03	89.4	0.045	OK	222.9888	0.00	0.01	F009386
0100055-02 HgI1	1.599	128.6	142.4	223.02	223.03	135.3	0.021	OK	222.9888	0.00	0.01	F009386

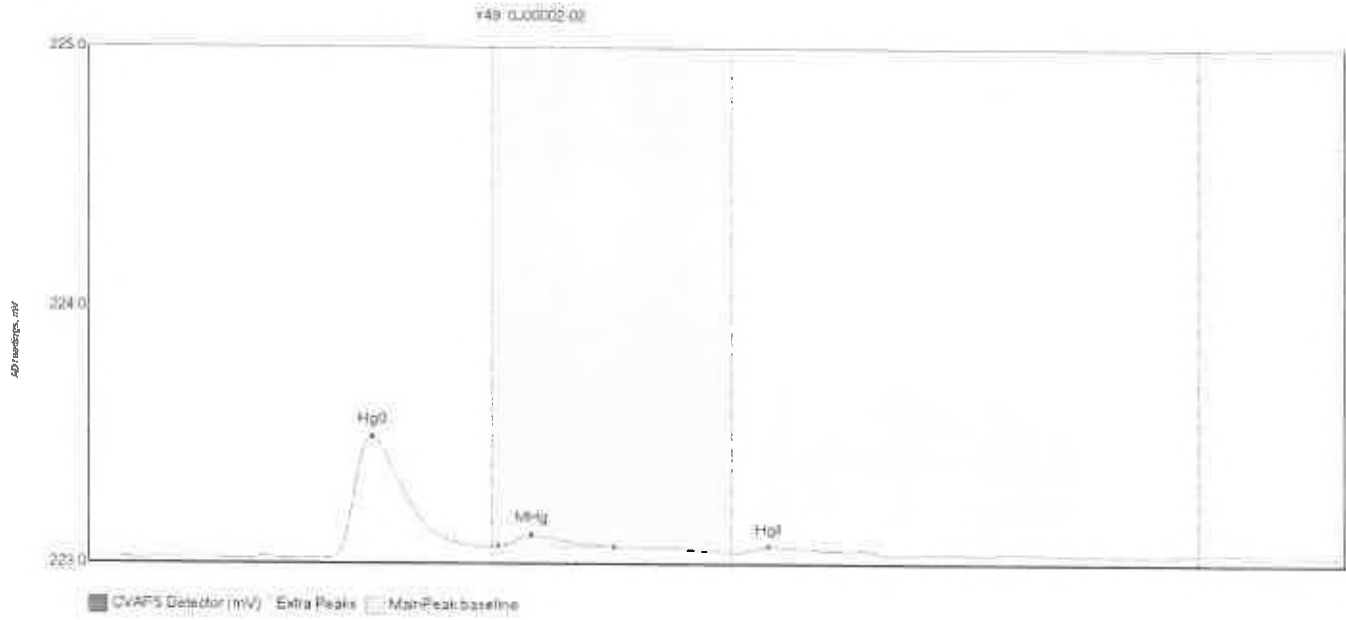


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100055-03 Hg0	23.457	48.9	75.4	223.00	223.04	56.2	0.269	OK	222.9978	0.00	0.01	F009386
0100055-03 MHg	42.750	80.0	117.3	223.01	223.04	89.0	0.302	OK	222.9978	0.00	0.01	F009386

#48: QJ00002-01

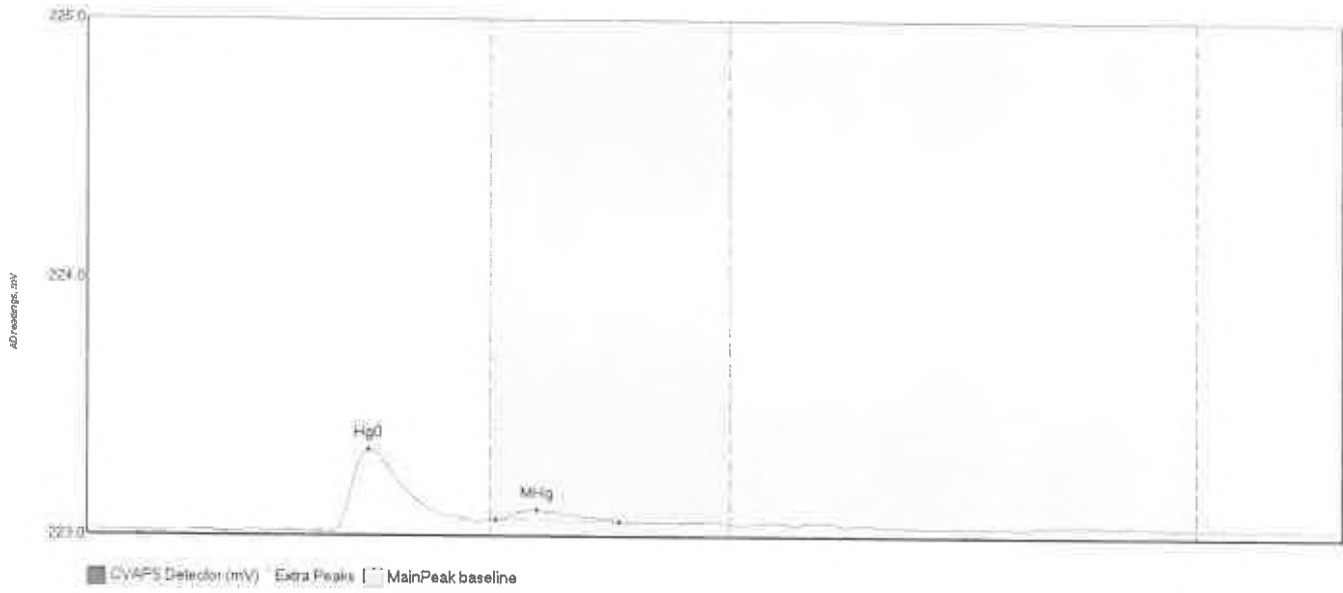


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
QJ00002-01 Hg0	37.649	48.0	79.2	223.00	223.05	56.2	0.341	OK	223.0051	0.00	0.01	F009336
QJ00002-01 MHg	7.244	81.0	104.4	223.05	223.05	90.2	0.062	OK	223.0051	0.00	0.01	F009386



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00002-02 Hg0	50.630	48.4	78.2	223.01	223.05	56.3	0.466	OK	223.0091	0.00	0.01	F009386
0J00002-02 MHg	4.441	81.1	104.0	223.05	223.05	87.8	0.041	OK	223.0091	0.00	0.01	F009386
0J00002-02 HgI1	2.934	129.1	150.0	223.03	223.03	134.8	0.027	OK	223.0091	0.00	0.01	F009386

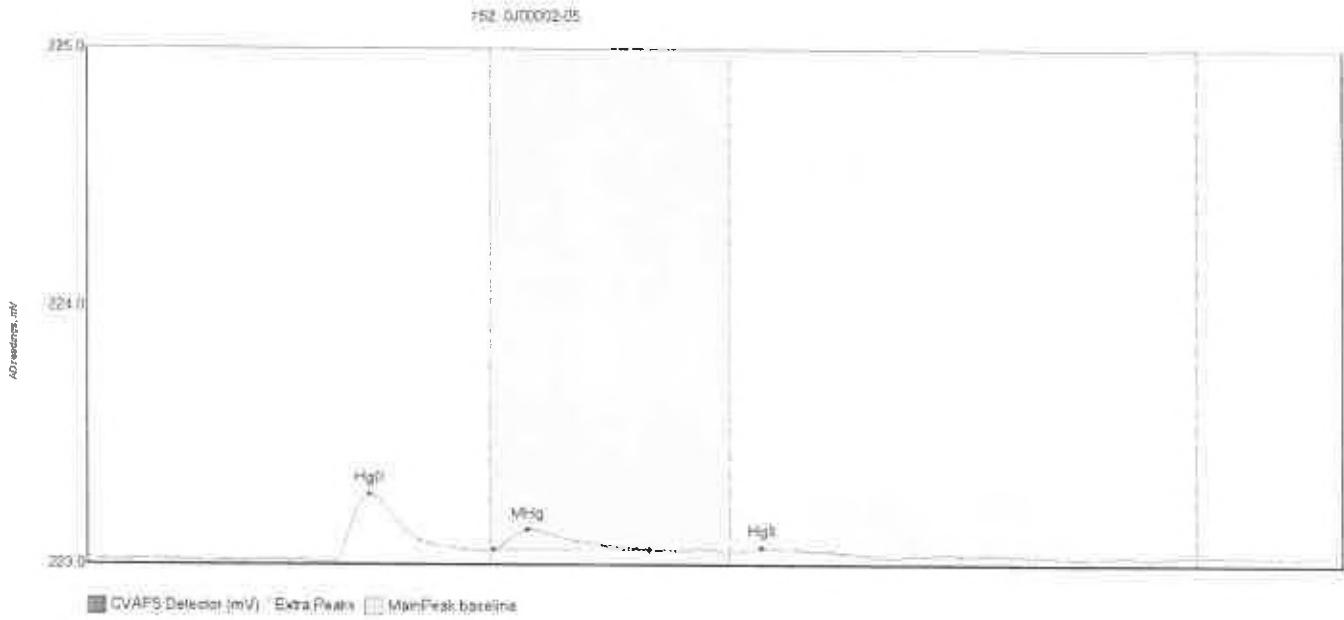
#50: 000002-03



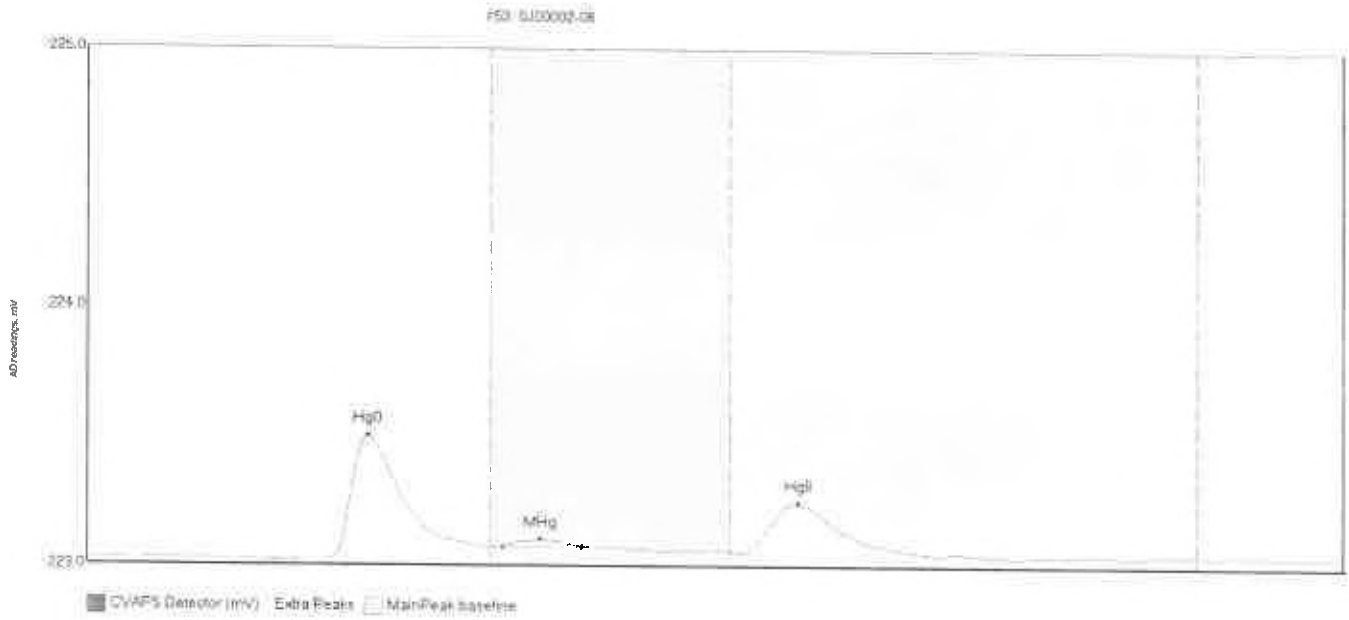
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
Hg0	35.032	47.5	77.3	223.00	223.05	55.9	0.316	OK	223.0138	0.00	0.01	F009306
MHg	5.549	81.1	105.4	223.05	223.04	89.2	0.038	OK	223.0138	0.00	0.01	F009386



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0J00002-04 Hg0	25.250	47.8	72.9	223.02	223.05	55.5	0.245	OK	223.0211	0.00	0.00	F009386
0J00002-04 MHg	7.276	80.7	106.6	223.05	223.06	88.3	0.059	OK	223.0211	0.00	0.00	F009386

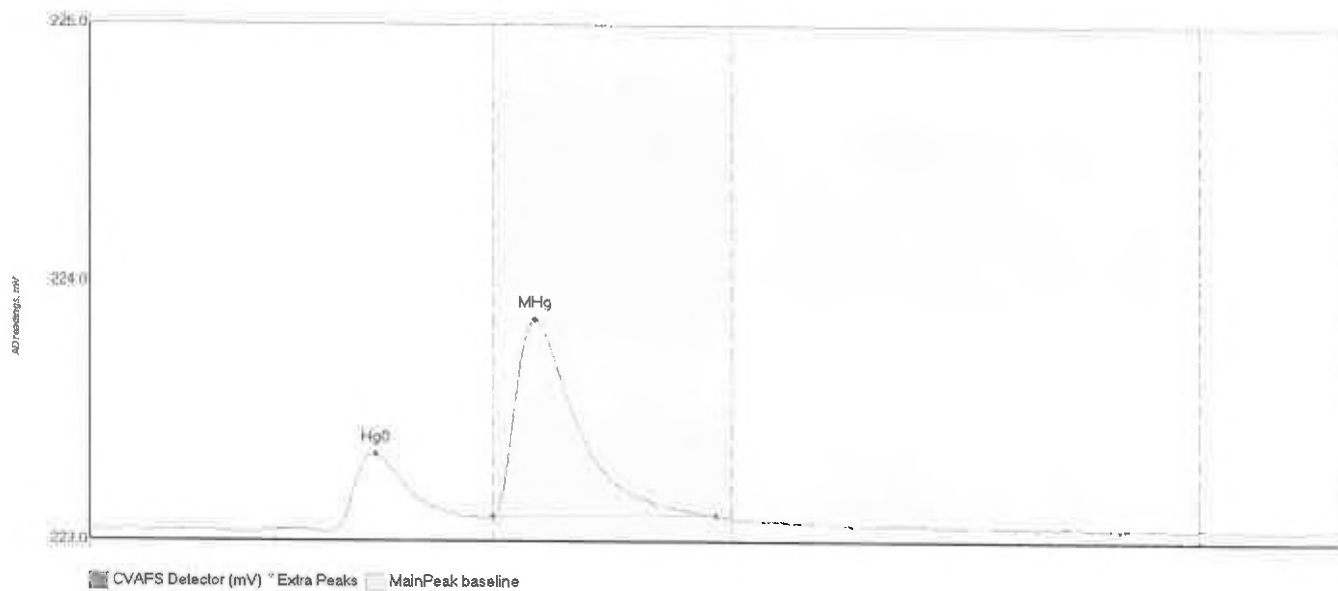


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0J00002-05 Hg0	27.402	47.9	78.4	223.01	223.05	56.0	0.257	OK	223.0255	0.00	0.00	F009386
0J00002-05 MHg	10.411	80.5	111.4	223.06	223.06	87.3	0.076	OK	223.0255	0.00	0.00	F009386
0J00002-05 HgII	1.614	128.8	143.5	223.05	223.05	133.6	0.019	OK	223.0255	0.00	0.00	F009386

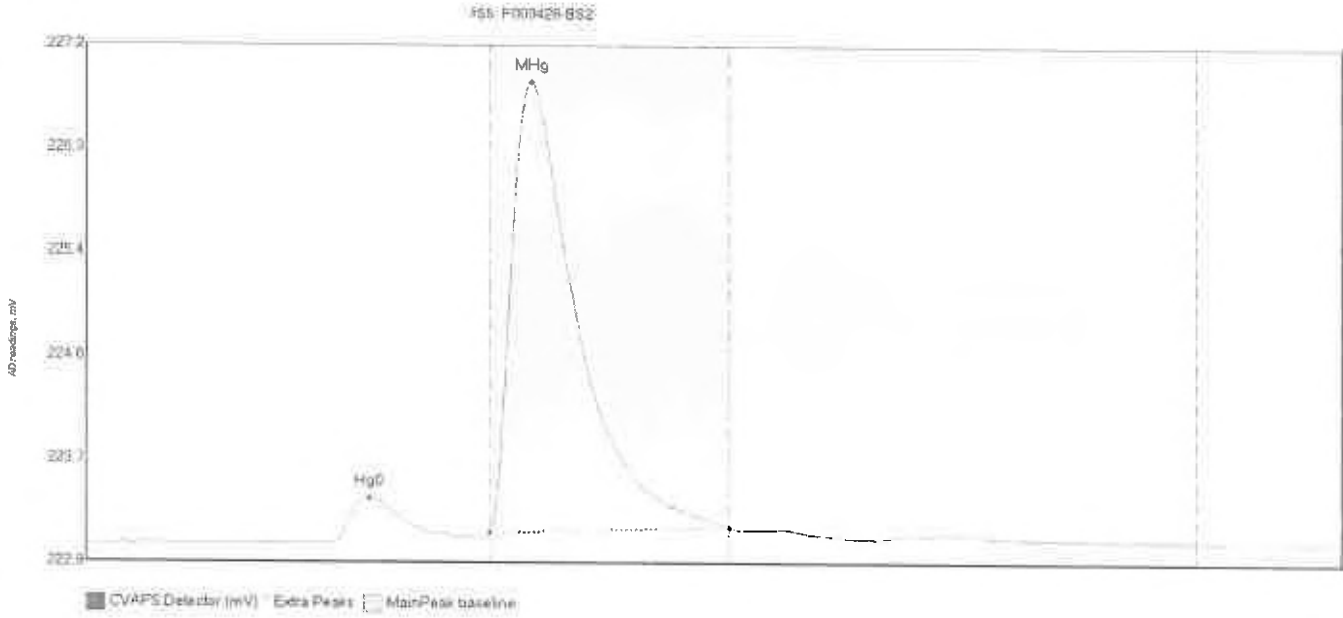


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
000002-06 Hg0	51.855	47.5	79.2	223.02	223.07	55.7	0.476	OK	223.0265	0.00	0.01	F009386
000002-06 MHg	2.821	82.5	98.0	223.07	223.07	89.8	0.031	OK	223.0265	0.00	0.01	F009386
000002-06 HgII	27.285	130.0	163.2	223.05	223.05	140.8	0.193	OK	223.0265	0.00	0.01	F009386

#54: QJ00018-01

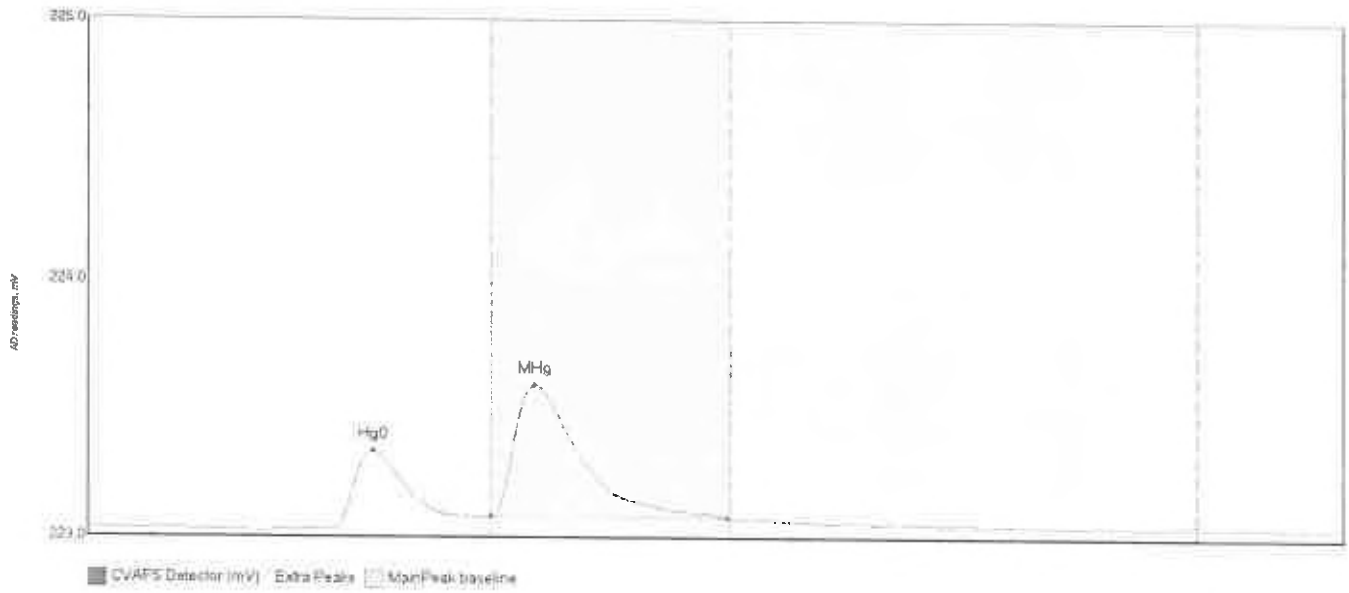


Retn	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
48.50000000	Hg0	34.398	48.5	78.0	223.03	223.08	56.8	0.300	OK	223.0319	0.00	0.01	F009386
80.00000000	MHg	108.497	80.0	124.2	223.08	223.09	88.3	0.764	OK	223.0319	0.00	0.01	F009386



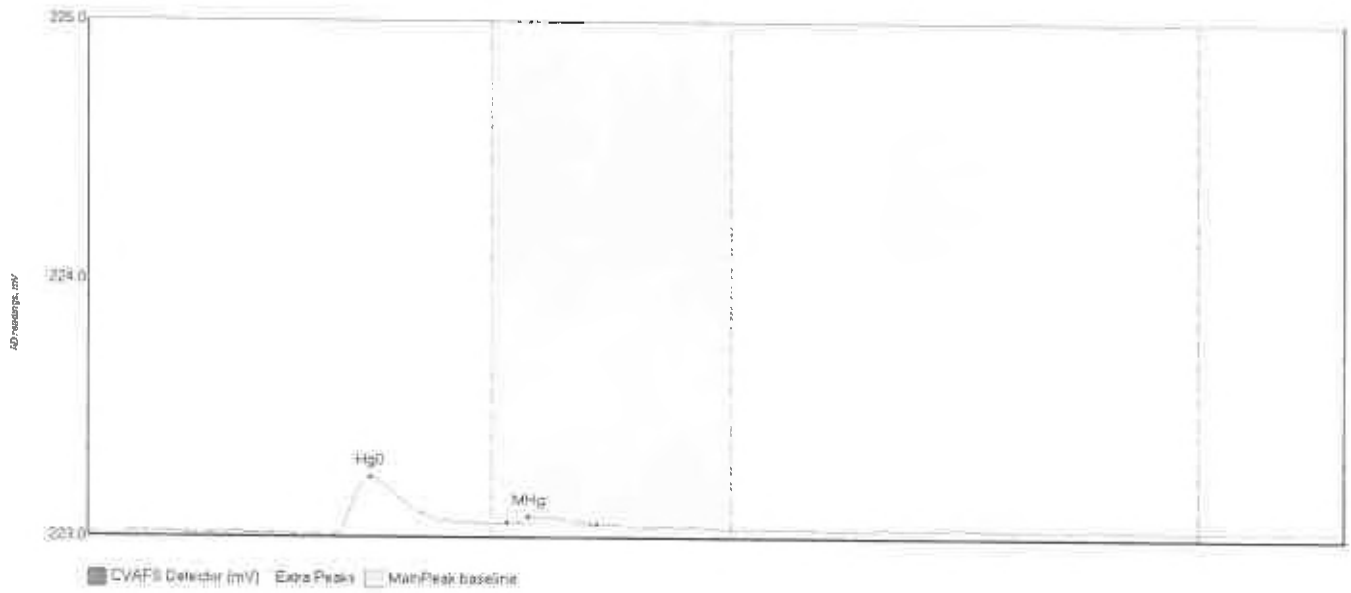
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-BS2 Hg0	40.552	39.9	78.4	223.03	223.08	56.2	0.375	OK	223.0240	0.00	0.02	F009428
F009428-BS2 MHg	559.133	80.0	127.5	223.12	223.16	68.2	3.741	CT	223.0240	0.00	0.02	F009428

#58: SEQ-CCV3

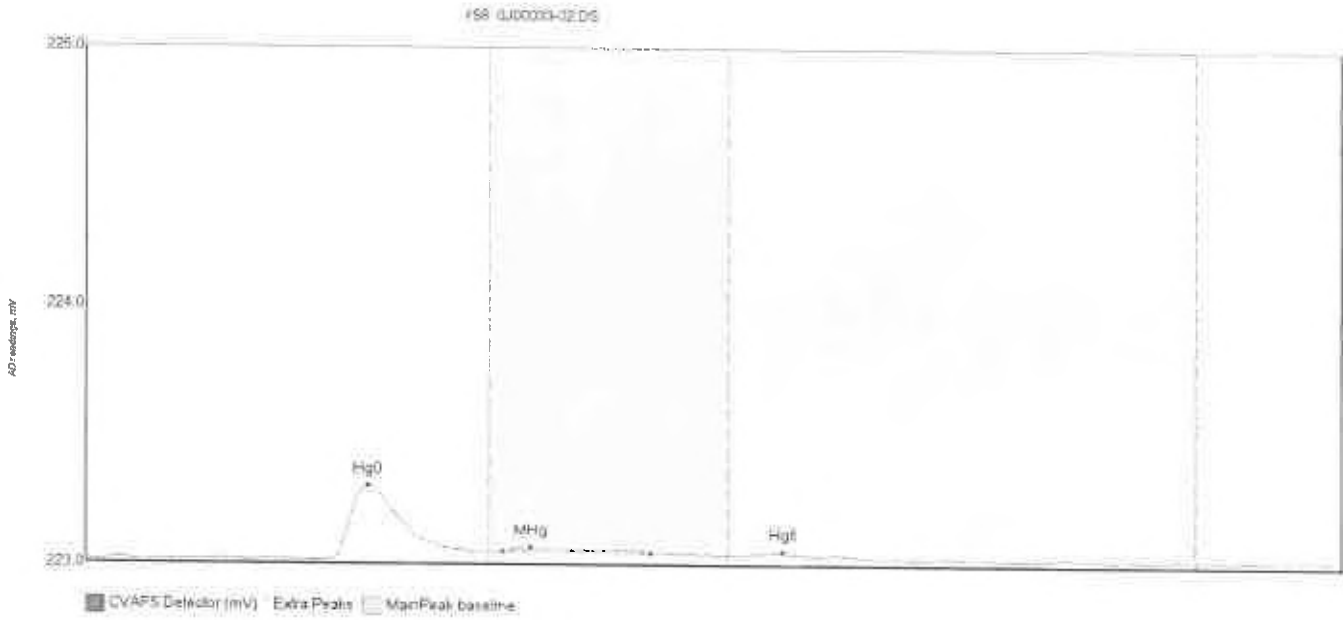


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV3 Hg0	32.117	48.8	79.6	223.04	223.08	56.7	0.297	OK	223.0419	0.00	0.00	
SEQ-CCV3 MHg	75.960	80.0	126.7	223.09	223.08	88.6	0.508	OK	223.0419	0.00	0.00	

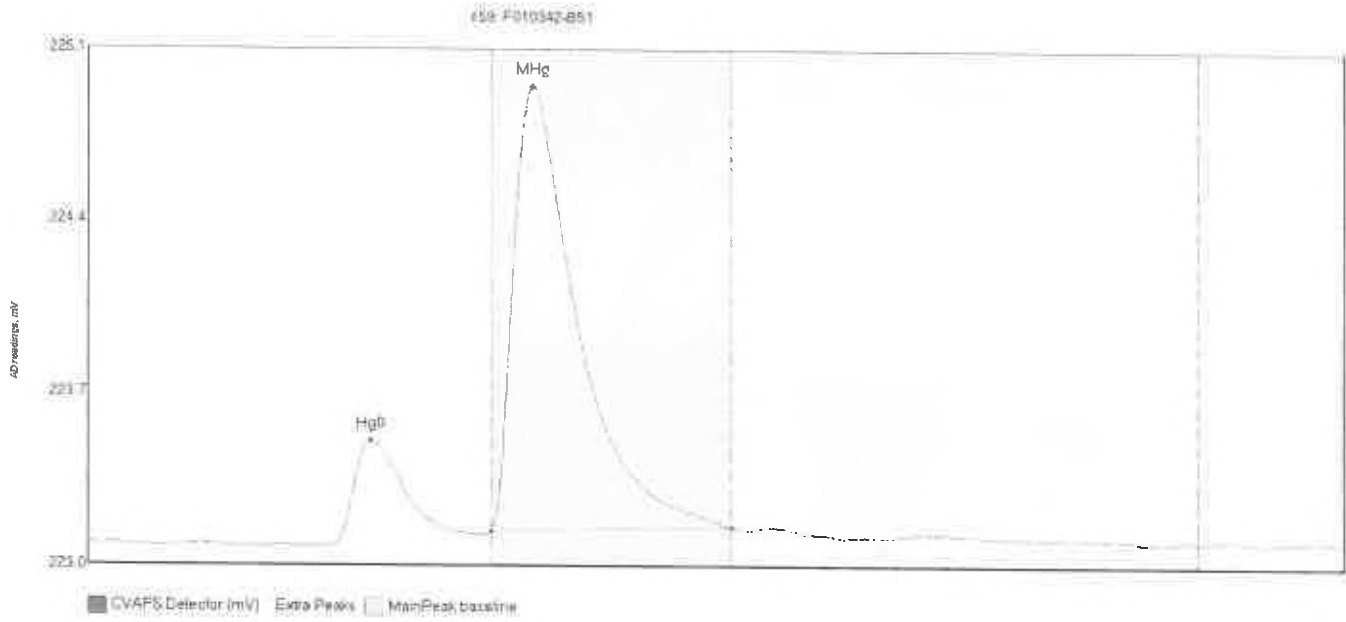
#57: SEQ-CCB3



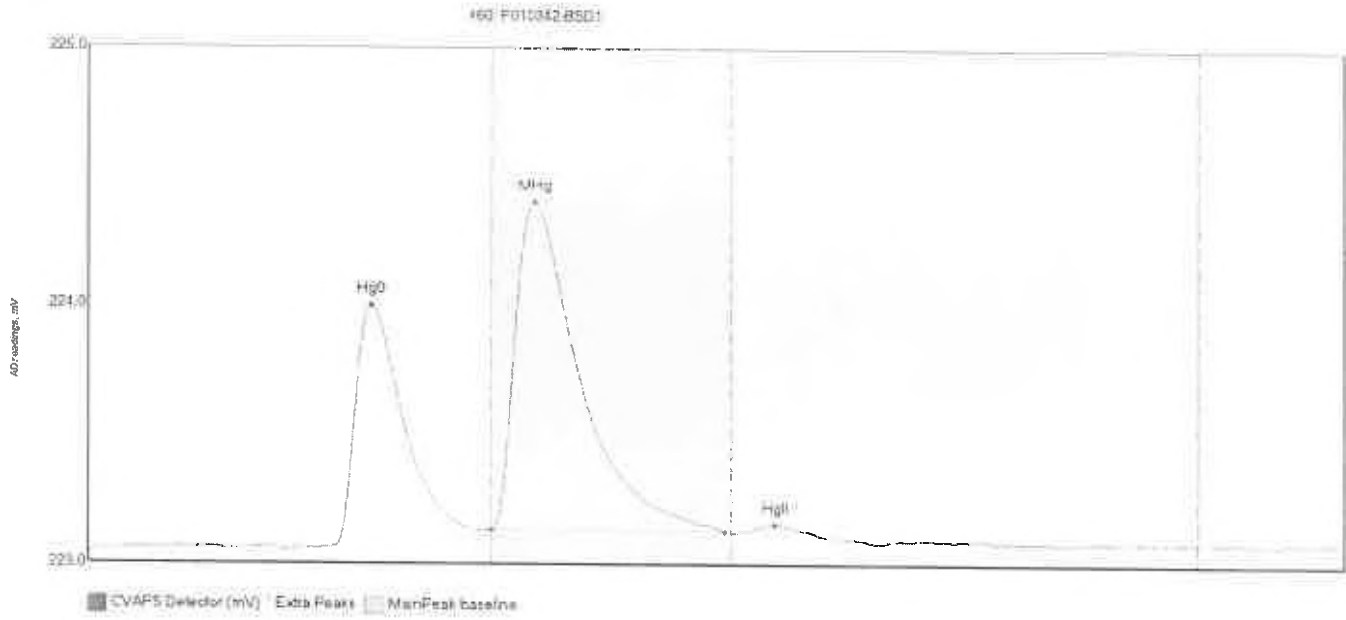
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
SEQ-CCB3	24.072	48.7	79.3	223.03	223.07	56.0	0.217	OK	223.0357	0.00	0.01	
SEQ-CC33	2.906	83.0	100.9	223.07	223.07	87.4	0.024	OK	223.0357	0.00	0.01	



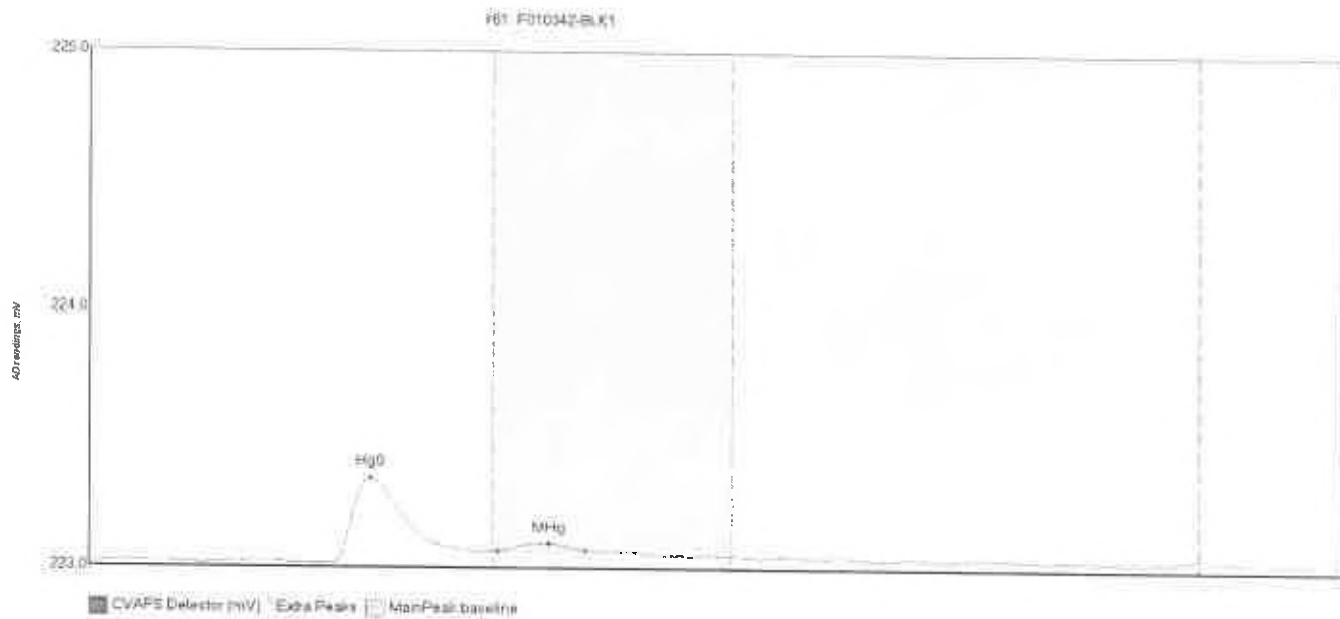
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00033-02 DS H	31.351	47.4	76.9	223.04	223.07	56.0	0.286	OK	223.0391	0.00	0.01	DS
0J00033-02 DS M	3.209	82.7	112.0	223.07	223.07	88.2	0.015	OK	223.0391	0.00	0.01	DS
0J00033-02 DS H	0.735	130.1	140.4	223.06	223.06	133.1	0.016	OK	223.0391	0.00	0.01	DS



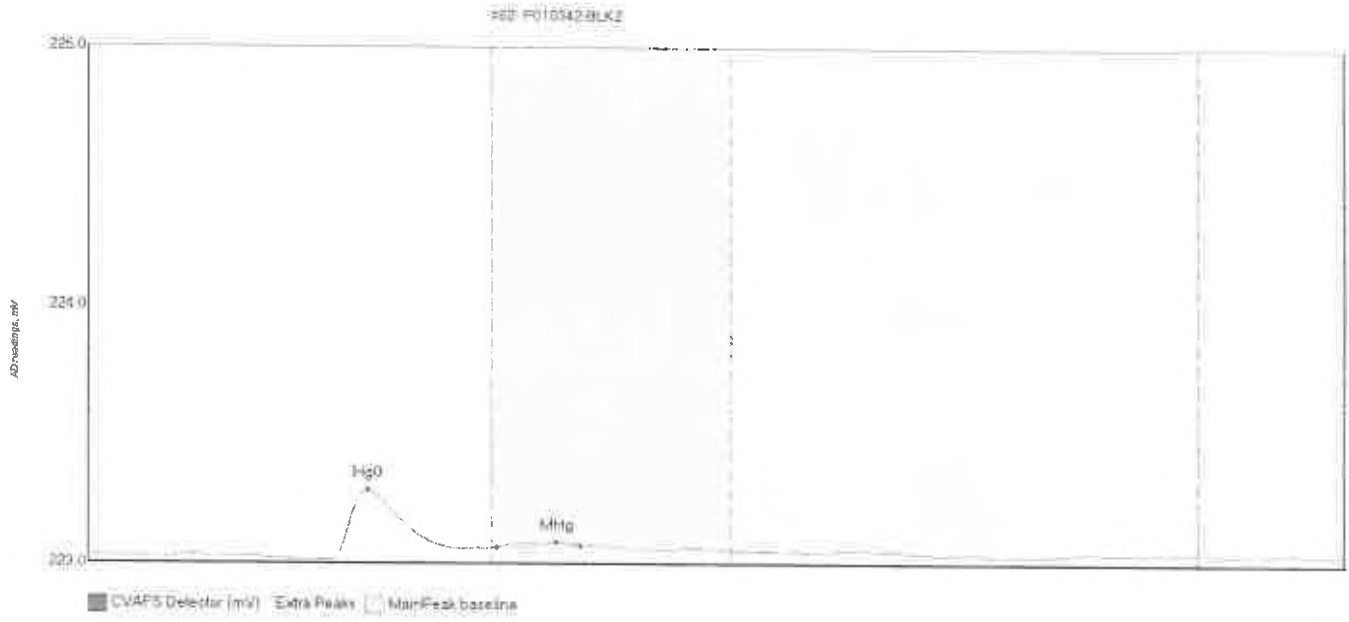
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010342-B51 Hg0	45.377	48.2	78.1	223.05	223.09	56.2	0.421	OK	223.0529	0.00	0.01	F010342
F010342-B51 MHg	266.194	80.0	127.5	223.10	223.12	88.1	1.821	CT	223.0529	0.00	0.01	F010342



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F010342-BSD1 Hg	100.623	40.2	79.4	223.04	223.11	56.2	0.941	OK	223.0399	0.00	0.03	F010342
F010342-BSD1 MHg	185.682	80.0	126.2	223.11	223.12	88.5	1.272	OK	223.0399	0.00	0.03	F010342
F010342-BSD1 Hg	2.038	129.3	141.4	223.11	223.12	136.1	0.034	OK	223.0399	0.00	0.03	F010342

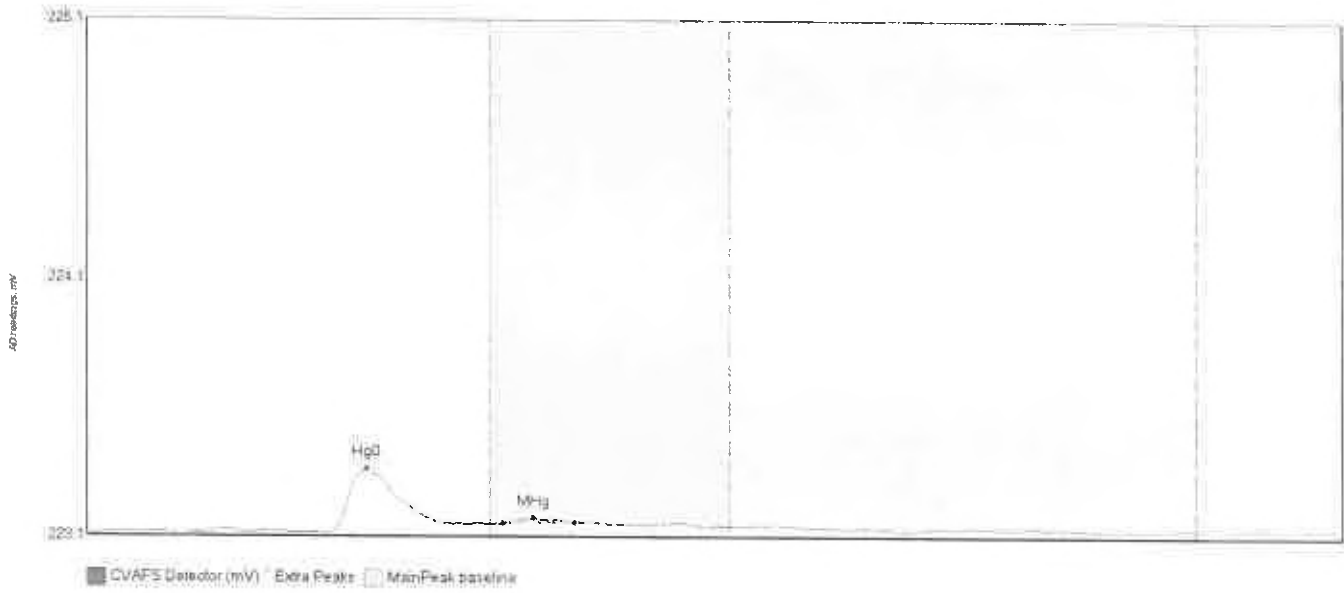


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010342-BLK1 Hg	35.618	48.5	76.4	223.05	223.10	55.9	0.327	OK	223.0526	0.00	0.01	F010342
F010342-BLK1 MHg	3.015	81.0	98.3	223.10	223.10	91.1	0.031	OK	223.0526	0.00	0.01	F010342

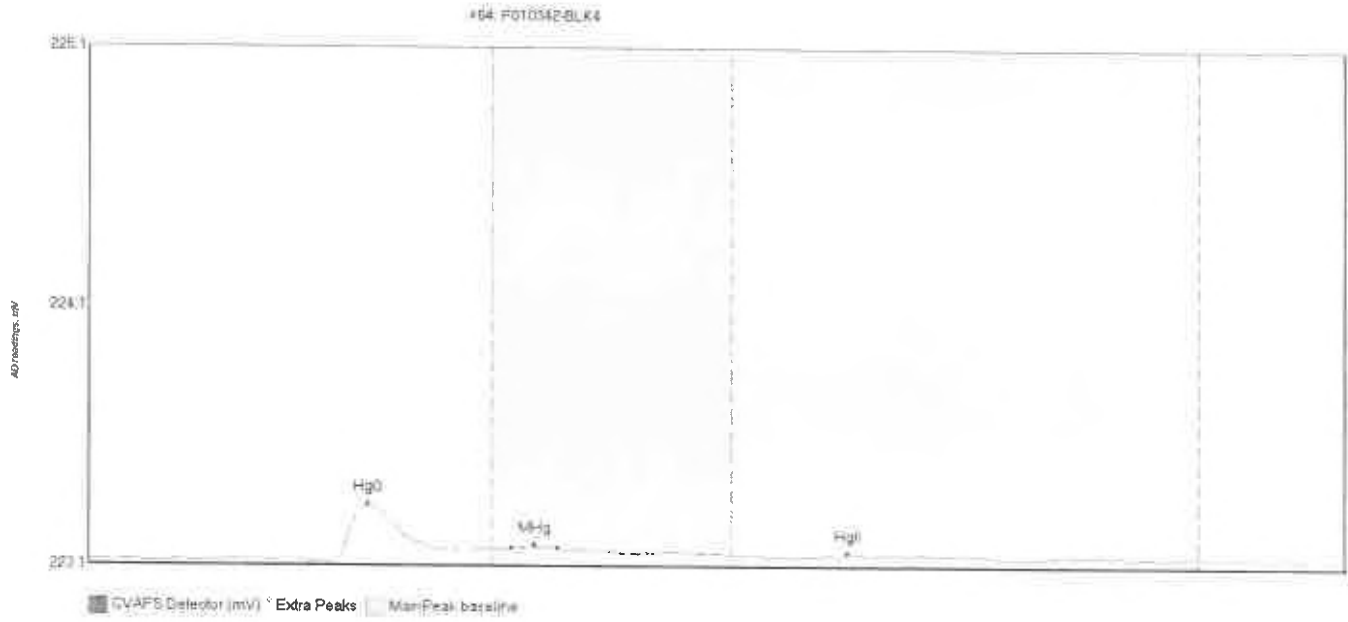


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BShift	Comment
F010342-BLK2 Hg	28.237	48.4	75.4	223.05	223.09	55.5	0.267	OK	223.0669	0.00	0.00	F010342
F010342-BLK2 MHg	1.777	81.0	97.5	223.10	223.10	92.9	0.017	OK	223.0669	0.00	0.00	F010342

#69: F010342-BLK3

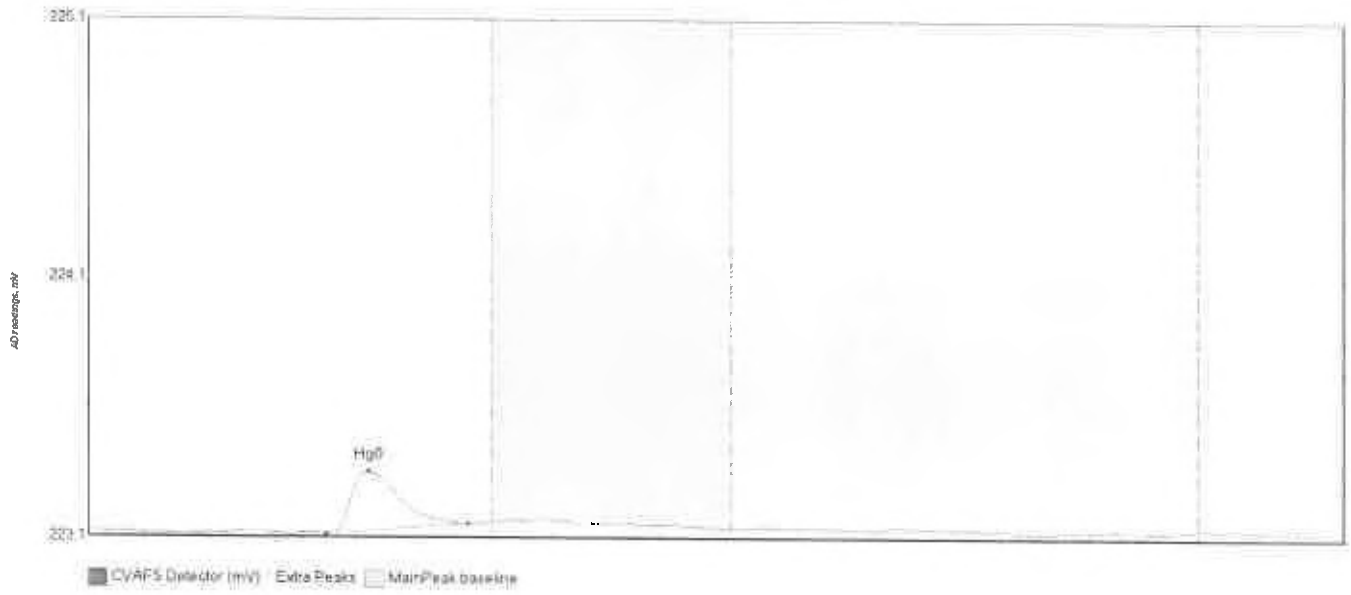


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	B1Shift	Comment
F010342-BLK3 Hg	25.750	48.3	75.6	223.06	223.10	55.6	0.248	OK	223.0633	0.00	0.02	F010342
F010342-BLK3 MH	1.438	82.4	96.6	223.10	223.11	88.6	0.021	OK	223.0633	0.00	0.02	F010342

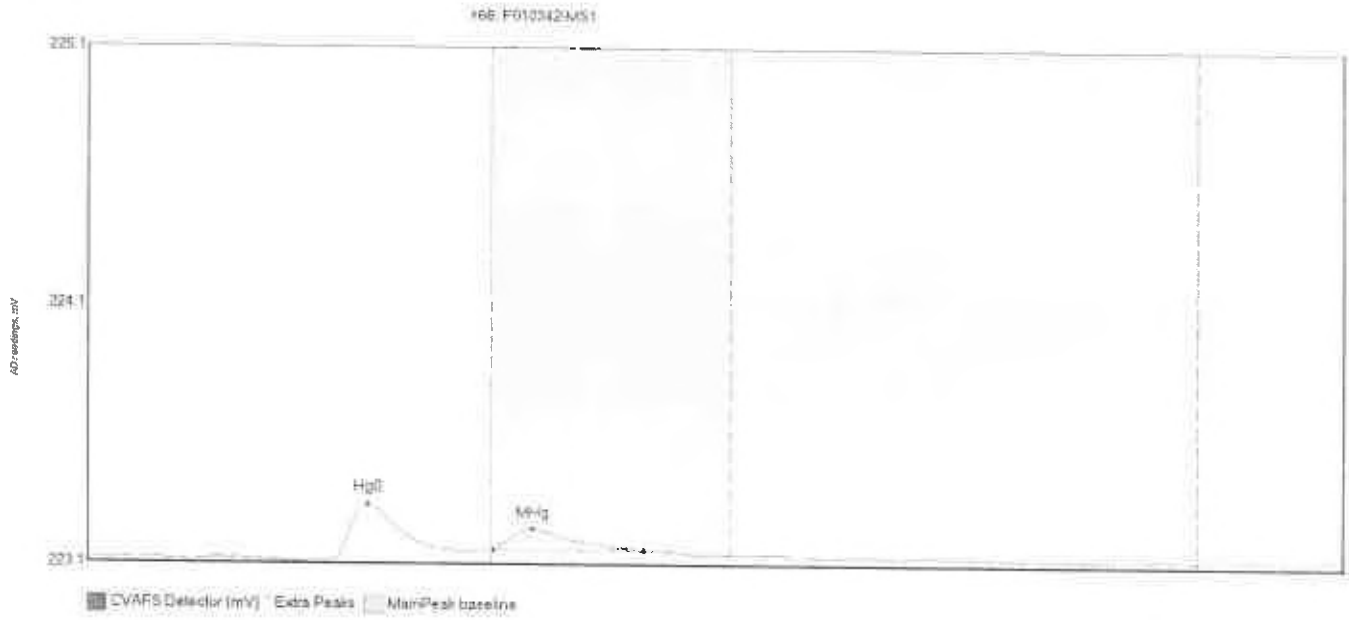


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F010342-BLK4 Hg	21.763	47.7	71.6	223.07	223.11	55.4	0.226	OK	223.0778	0.00	0.01	F010342
F010342-BLK4 MR	0.550	83.8	93.0	223.12	223.12	88.4	0.012	OK	223.0778	0.00	0.01	F010342
F010342-BLK4 Hg	0.125	148.4	151.9	223.10	223.10	150.3	0.010	OK	223.0778	0.00	0.01	F010342

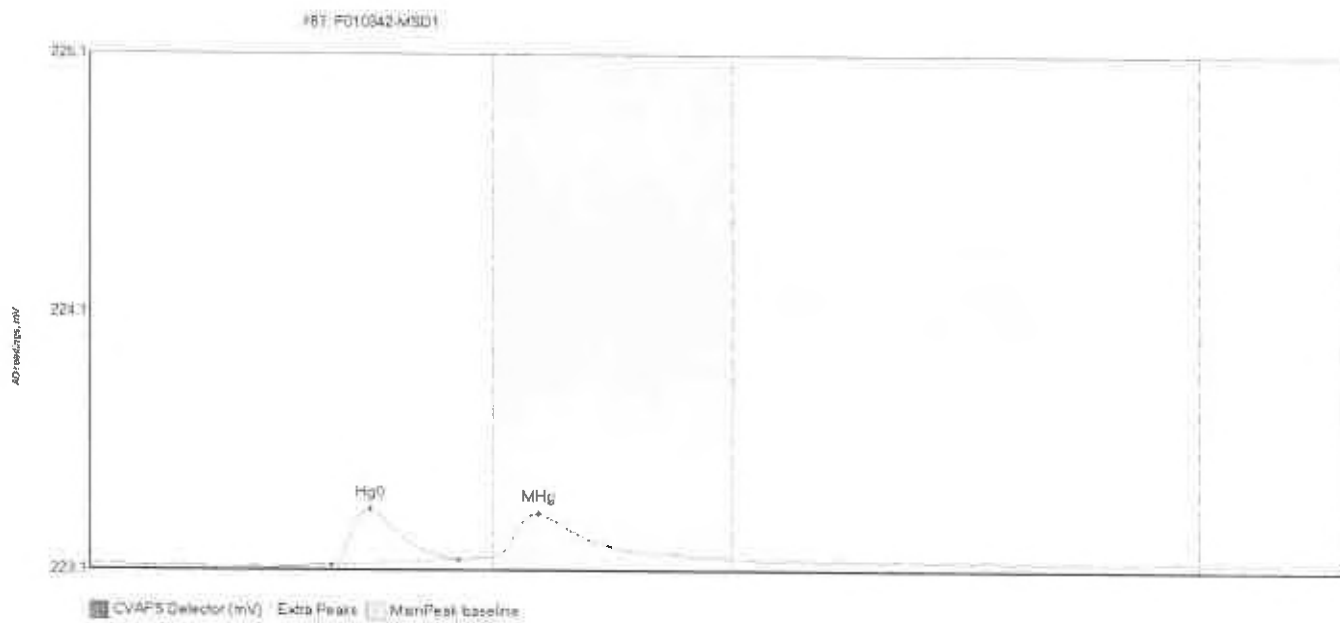
#65: 0100111-01



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100111-01	25.358	47.1	75.3	223.09	223.13	55.7	0.241	OK	223.1035	0.00	-0.01	F010342

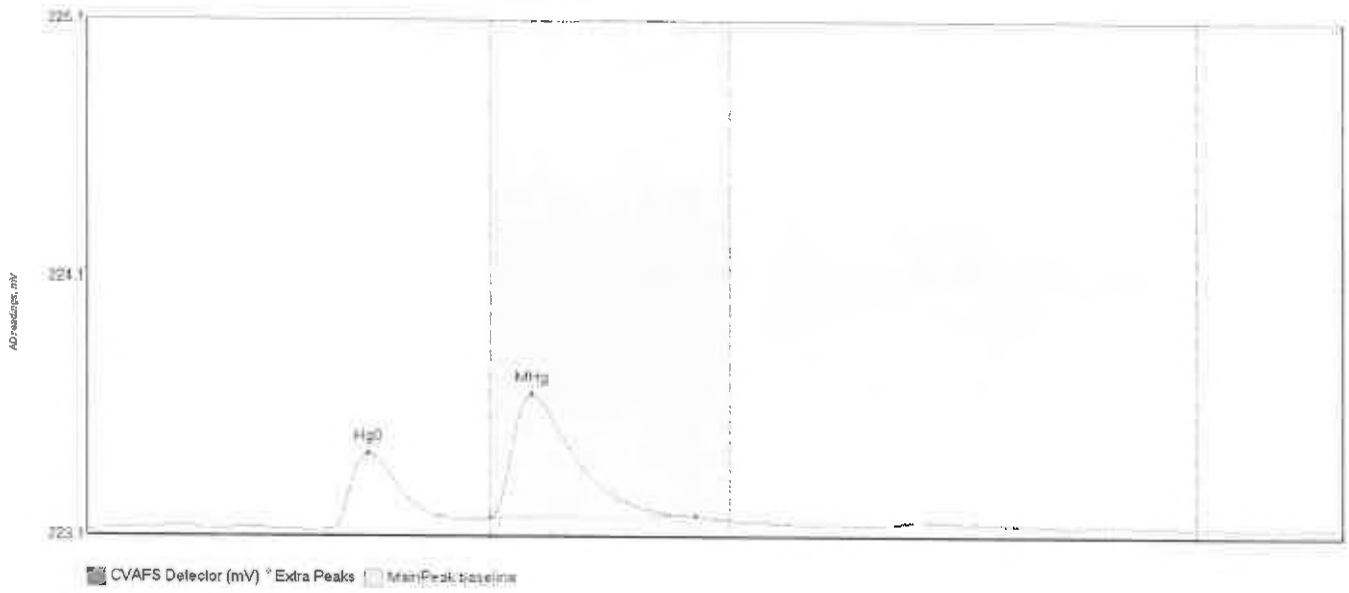


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BiShift	Comment
F010342-MS1 Hg0	22.079	48.2	74.1	223.09	223.13	55.7	0.217	OK	223.0949	0.00	0.01	F010342
F010342-MS1 MHg	11.556	80.5	110.1	223.13	223.13	80.3	0.083	OK	223.0949	0.00	0.01	F010342



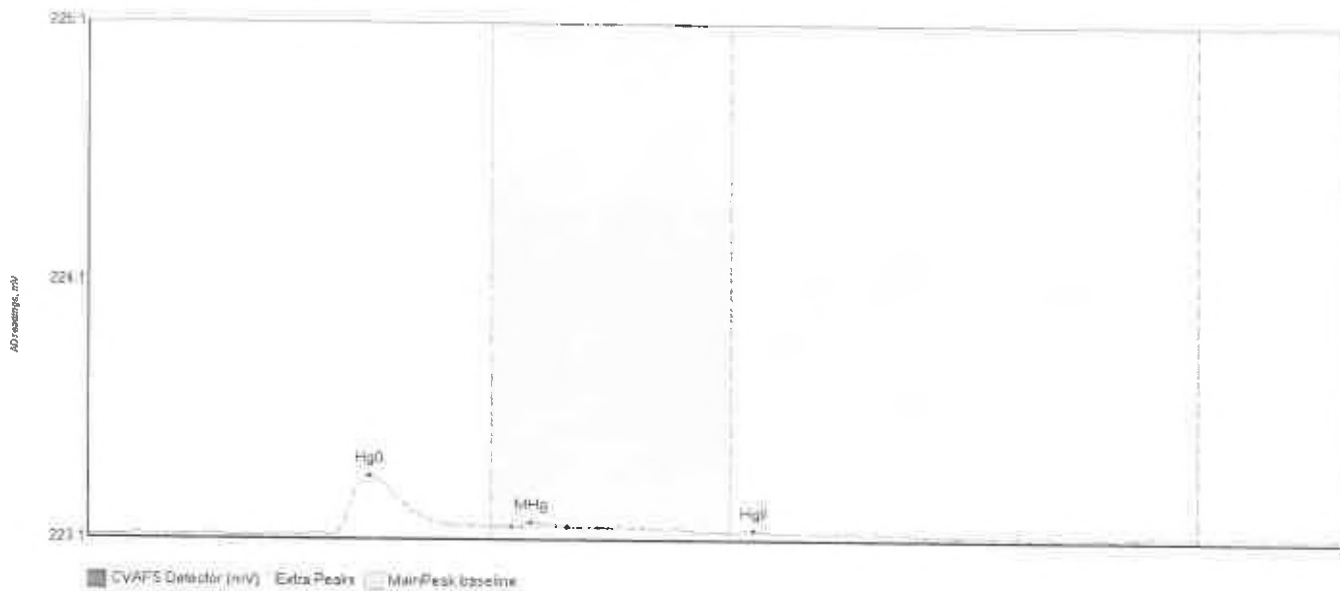
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010342-MSD1 Hg	23.163	47.9	73.1	223.10	223.12	55.7	0.218	OK	223.1074	0.00	0.00	F010342
F010342-MSD1 MH	23.775	80.0	118.0	223.14	223.14	89.0	0.168	OK	223.1074	0.00	0.00	F010342

#68: SEQ-CCV4



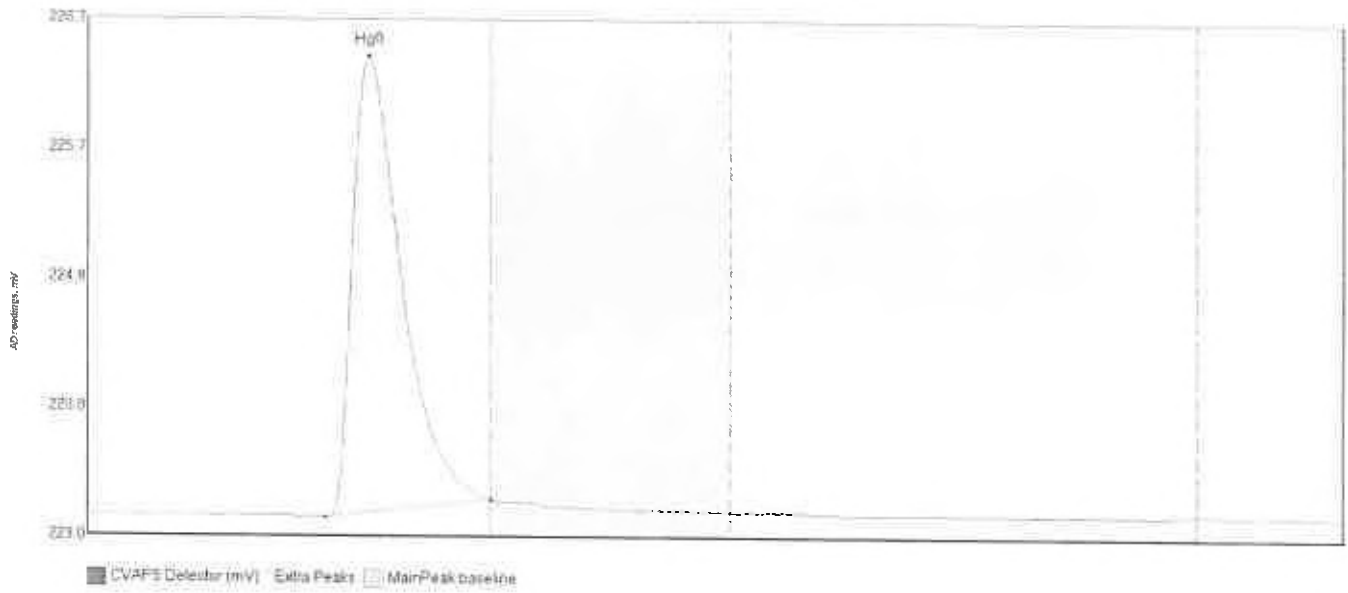
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCV4 Hg0	30.370	46.4	77.7	223.11	223.15	55.8	0.293	OK	223.1072	0.00	0.02	
SEQ-CCV4 MHg	67.068	80.0	120.6	223.16	223.16	88.3	0.479	OK	223.1072	0.00	0.02	

#69: SEQ-CCB4

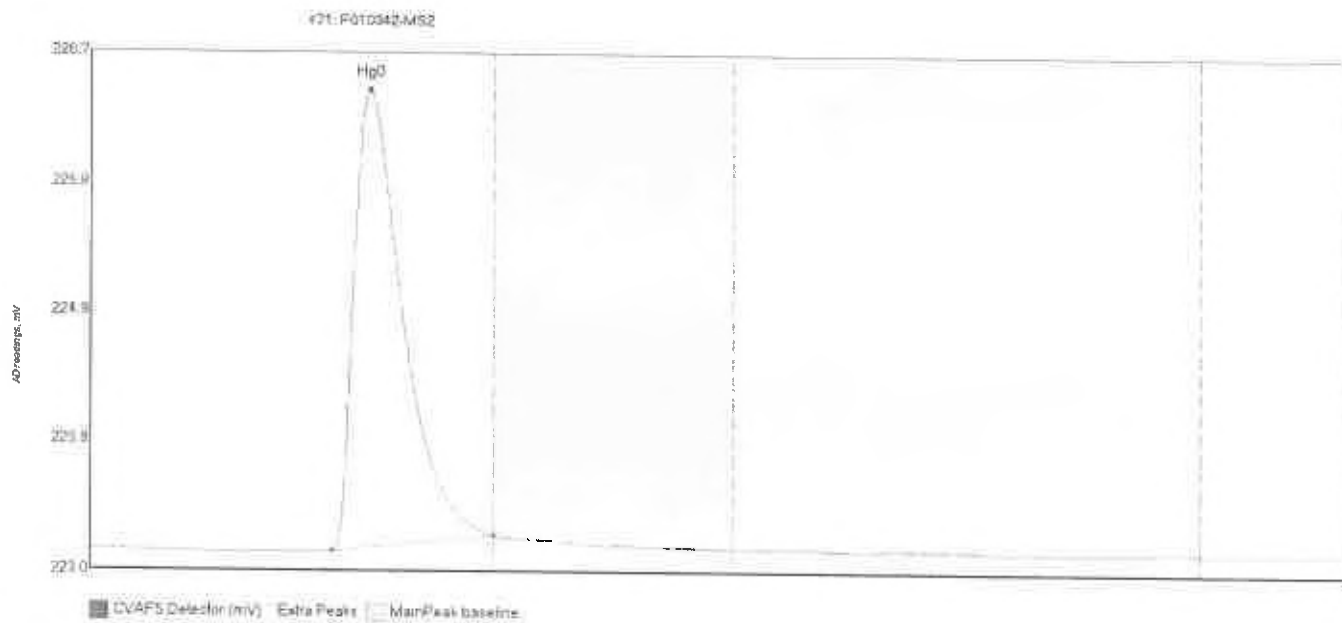


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCB4 Hg0	24.744	48.7	80.0	223.12	223.15	55.9	0.225	CF	223.1167	0.00	0.00	
SEQ-CCB4 MHg	1.084	84.1	95.0	223.15	223.15	87.9	0.020	OK	223.1167	0.00	0.00	
SEQ-CCB4 HgII	0.587	128.1	136.5	223.13	223.13	131.8	0.012	OK	223.1167	0.00	0.00	

#70: 000109-01

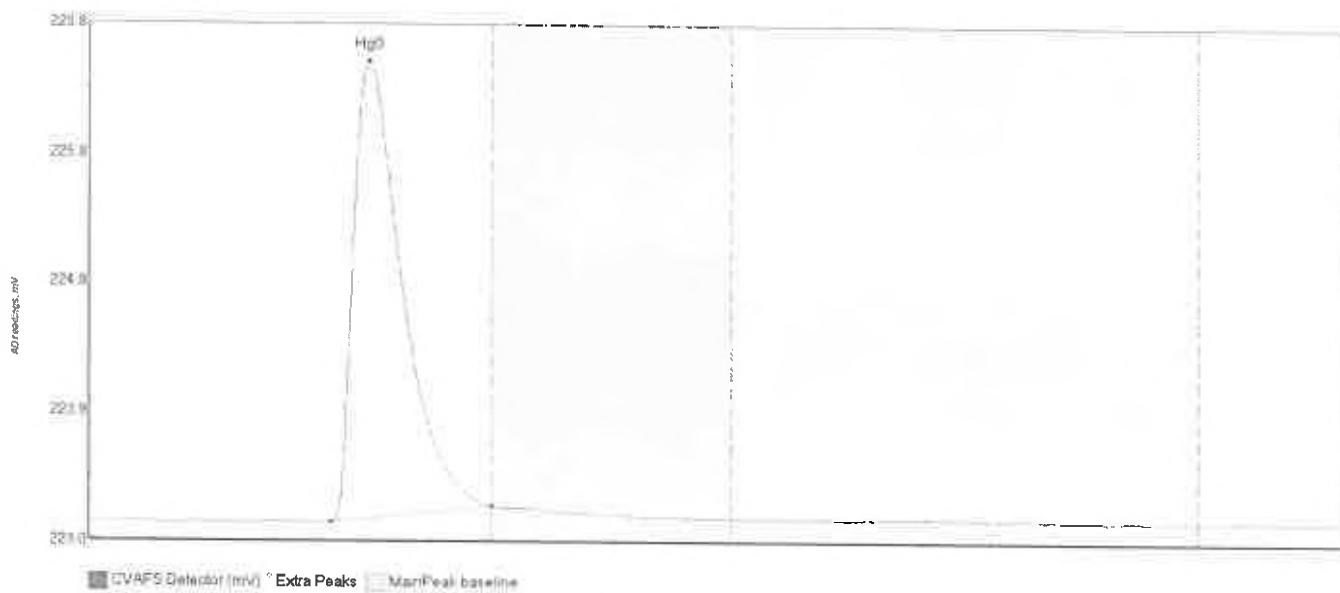


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100109-01	367.558	47.1	80.0	223.10	223.23	55.8	3.298	CT	223.1143	0.00	0.00	F010342

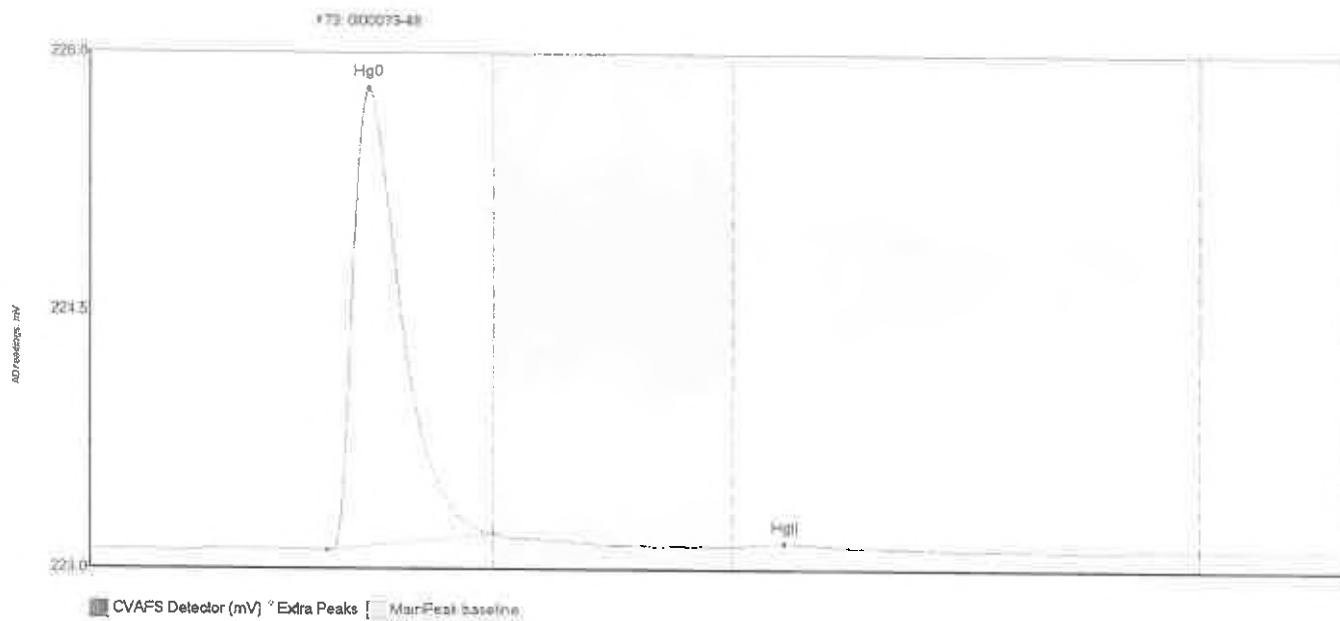


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010342-MS2	367.749	48.0	80.0	223.13	223.24	55.5	3.326	CT	223.1313	0.00	0.00	F010342

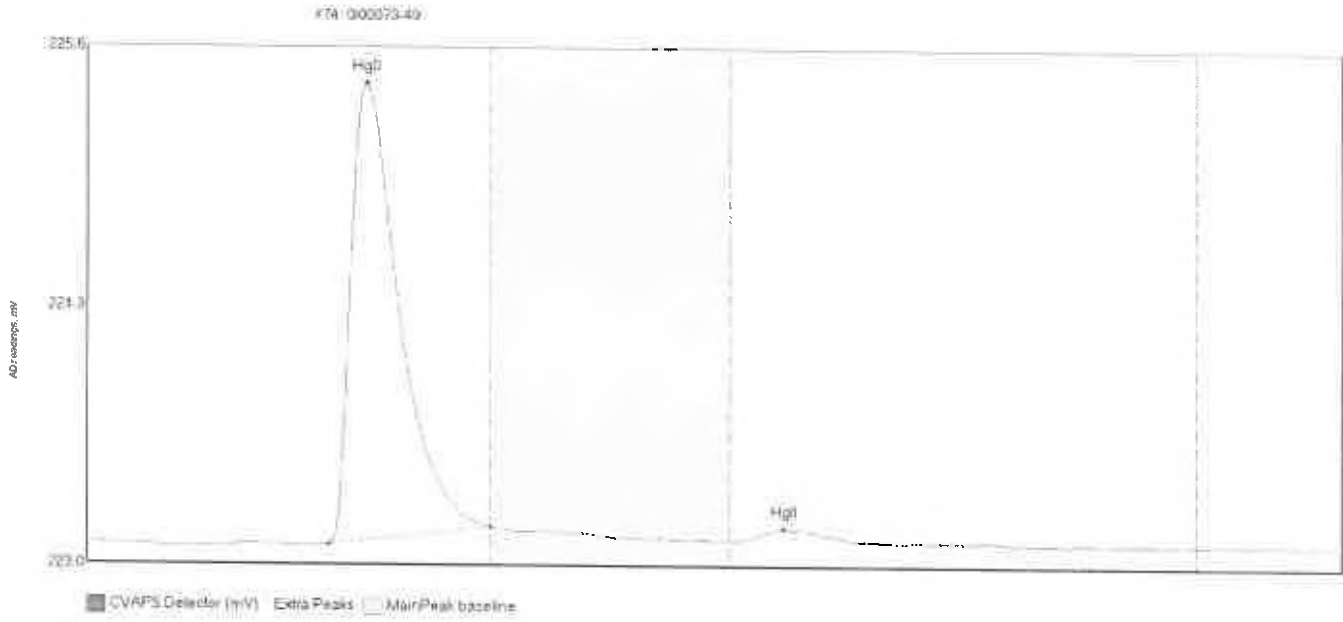
#72: F010342-MSD2



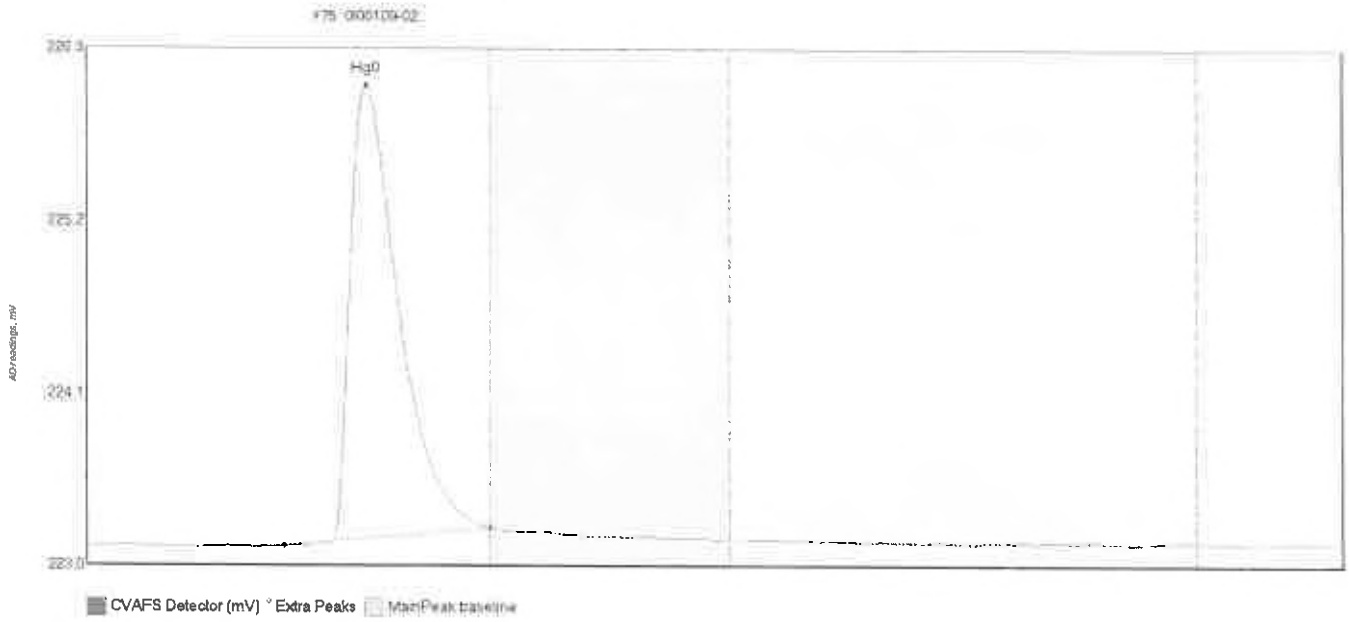
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010342-MSD2	371.374	48.1	80.0	223.14	223.25	55.7	3.347	CT	223.1440	0.00	0.01	F010342



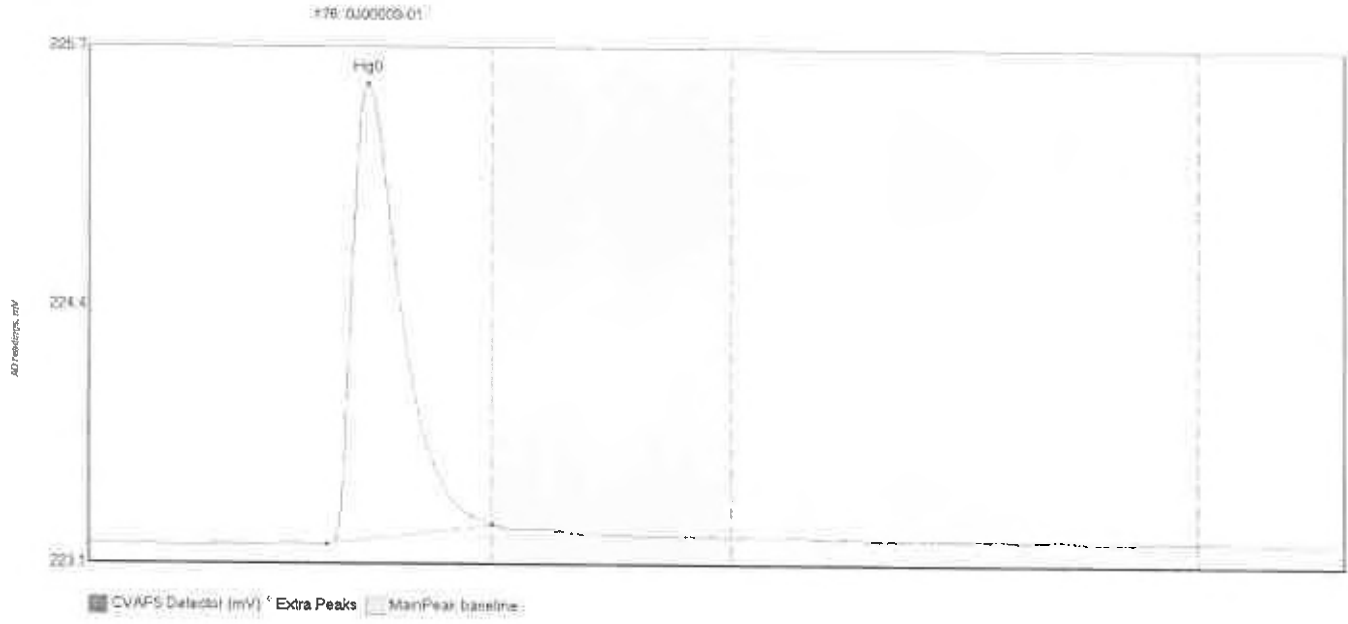
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-48 Hg0	287.835	47.1	80.0	223.14	223.24	55.3	2.633	CT	223.1457	0.00	0.00	F010342
0100073-48 HgII	1.554	129.5	145.5	223.17	223.18	137.6	0.016	OK	223.1457	0.00	0.00	F010342



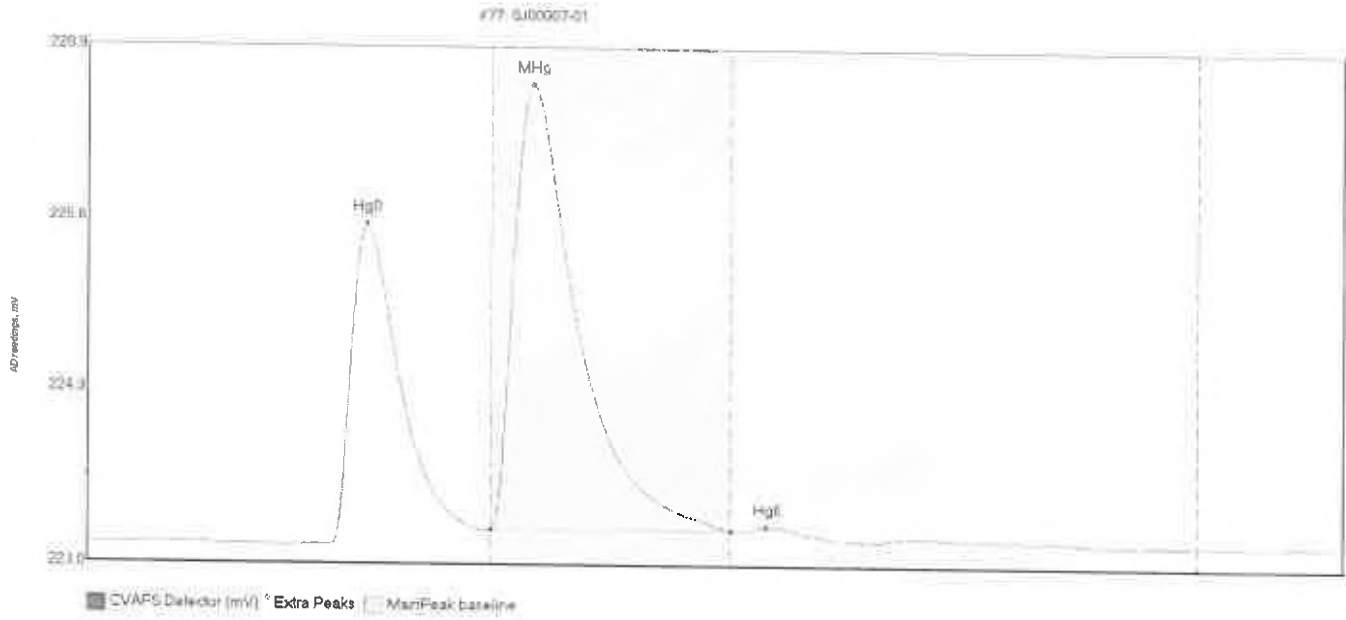
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-49 Hg0	251.785	47.9	80.0	223.15	223.24	55.5	2.296	CT	223.1550	0.00	0.00	F010342
0100073-49 HgI	7.745	128.8	152.3	223.17	223.18	138.1	0.062	OK	223.1550	0.00	0.00	F010342



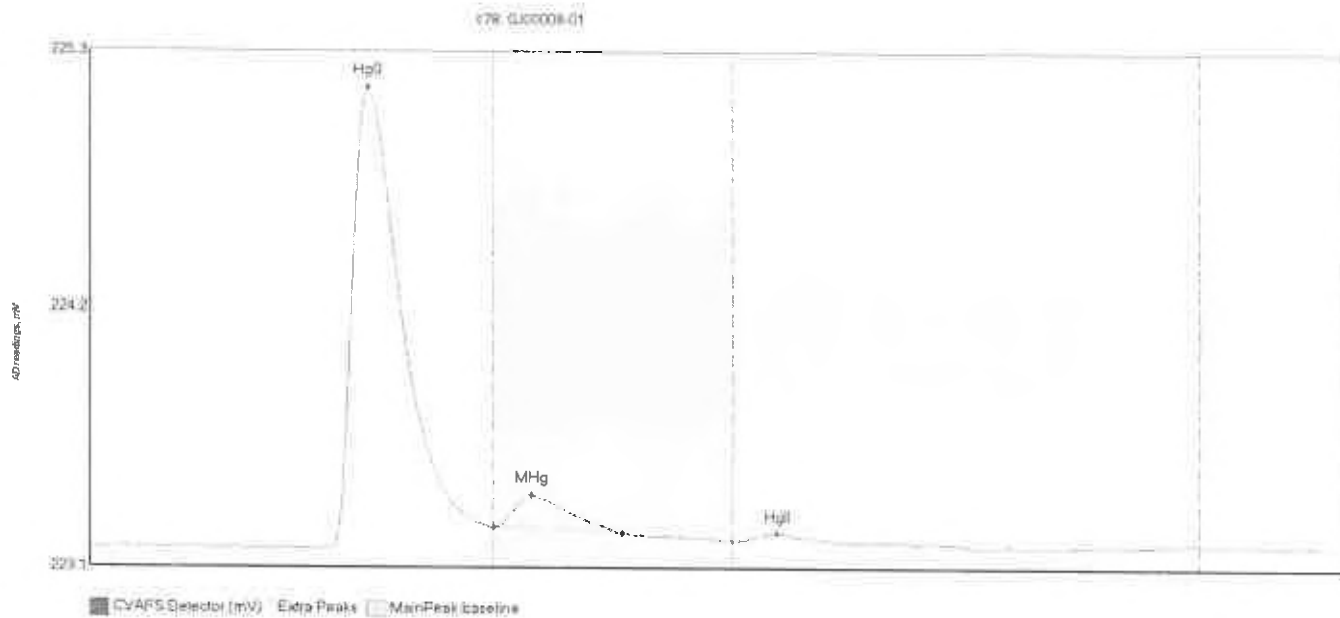
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100109-02	316.718	39.1	80.0	223.14	223.25	55.5	2.887	CT	223.1395	0.00	0.02	F010342



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00003-01	252.542	47.4	80.0	223.16	223.26	55.5	2.307	CT	223.1634	0.00	0.01	F010342

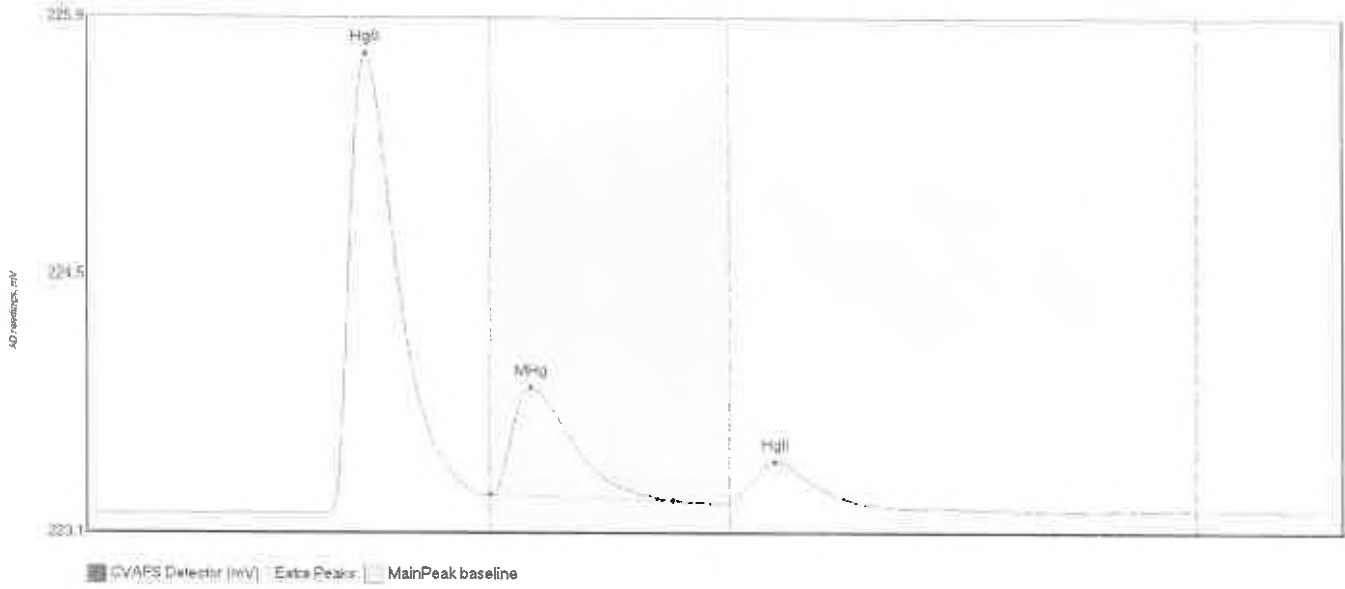


Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
75.4	257.068	47.2	79.4	223.16	223.27	55.4	2.367	OK	223.1584	0.00	0.03	P010342
80.0	476.880	80.0	127.5	223.27	223.27	88.2	3.305	CT	223.1584	0.00	0.03	P010342
128.1	5.421	128.5	148.1	223.27	223.22	134.6	0.037	OK	223.1584	0.00	0.03	P010342

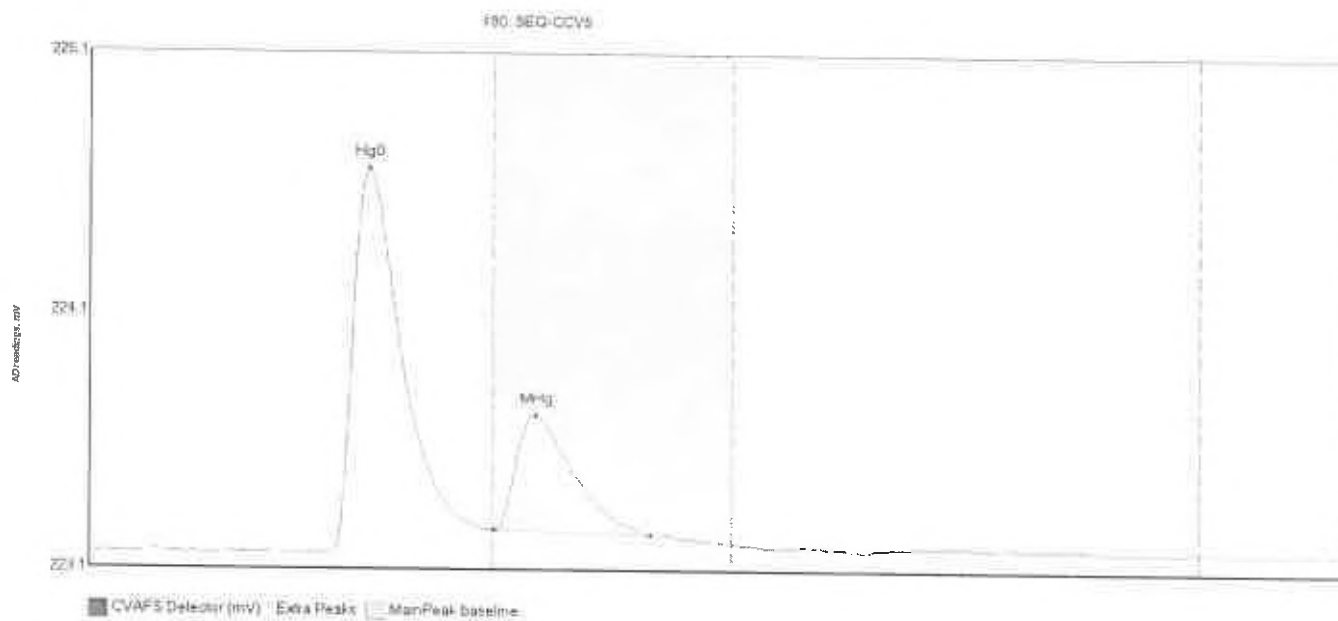


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00008-01 Hg0	215.136	47.9	79.9	223.17	223.26	55.3	1.962	OK	223.1733	0.00	0.00	F010342
0J00008-01 MHg	17.324	80.0	105.5	223.26	223.24	87.4	0.134	OK	223.1733	0.00	0.00	F010342
0J00008-01 HgII	2.239	129.5	145.6	223.21	223.21	136.2	0.028	OK	223.1733	0.00	0.00	F010342

#79: 0J00009-01

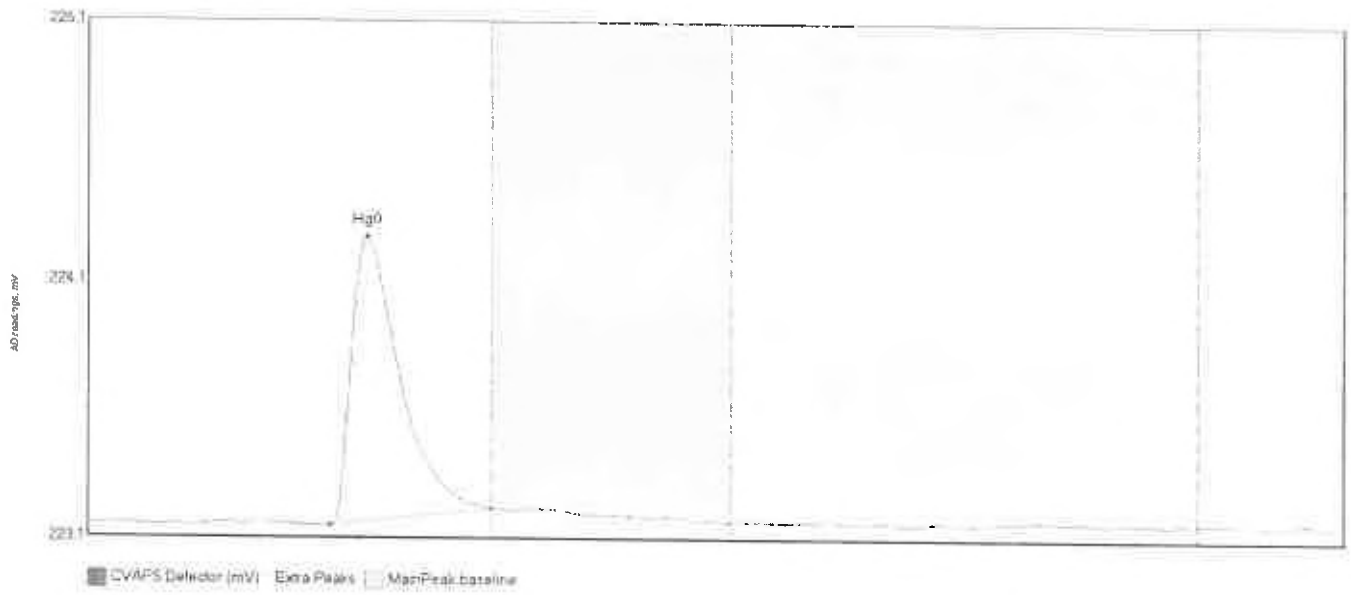


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0J00009-01 Hg0	277.931	47.9	79.4	223.18	223.28	55.4	2.555	OK	223.1841	0.00	0.00	F010342
0J00009-01 MHg	83.486	80.0	116.1	223.28	223.25	88.1	0.601	OK	223.1841	0.00	0.00	F010342
0J00009-01 HgII	29.647	127.5	154.6	223.24	223.23	136.4	0.227	OK	223.1841	0.00	0.00	F010342

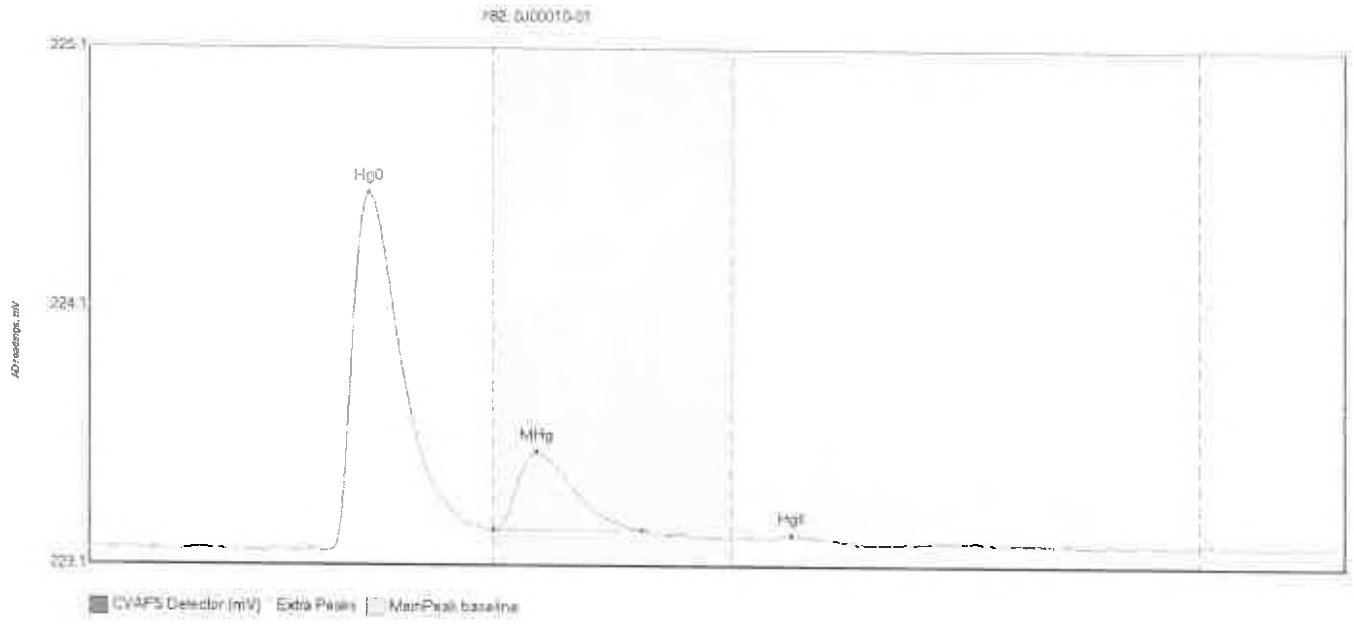


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEC-CCV5 Hg0	162.857	47.5	80.0	223.18	223.27	55.5	1.488	CT	223.1788	0.00	0.01	
S-G-CCV5 MHg	58.305	80.4	111.3	223.27	223.26	88.5	0.449	OK	223.1788	0.00	0.01	

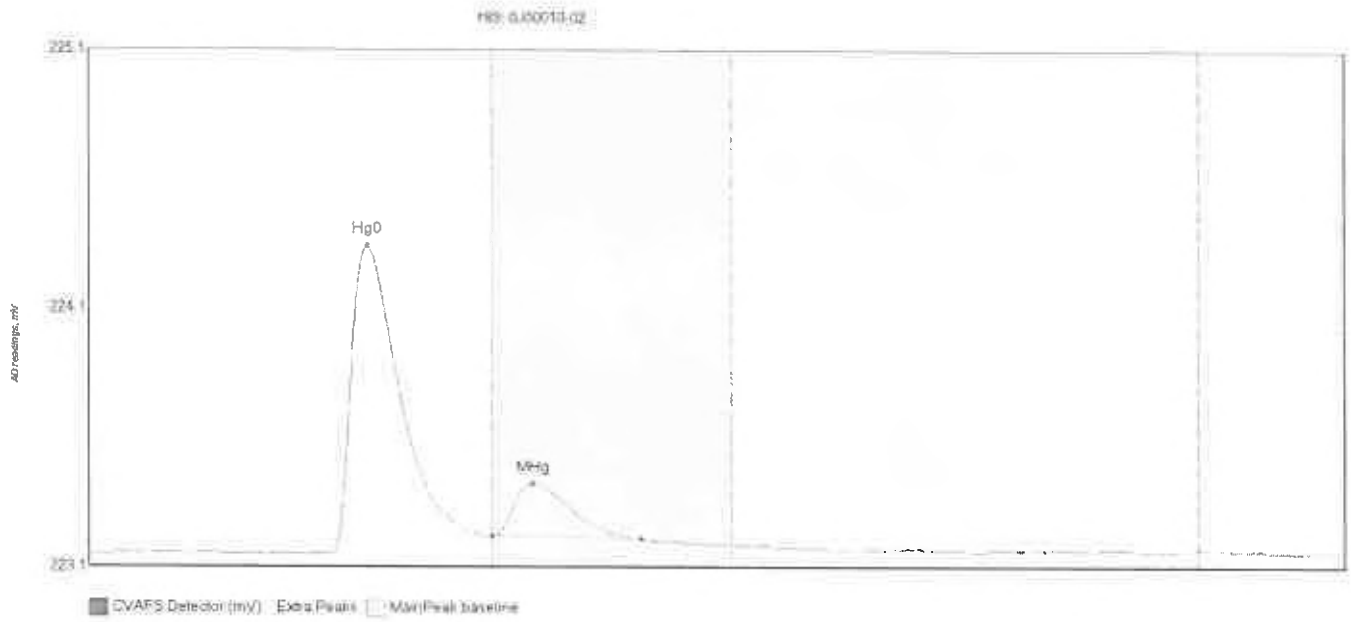
#81: SEQ-CCB5



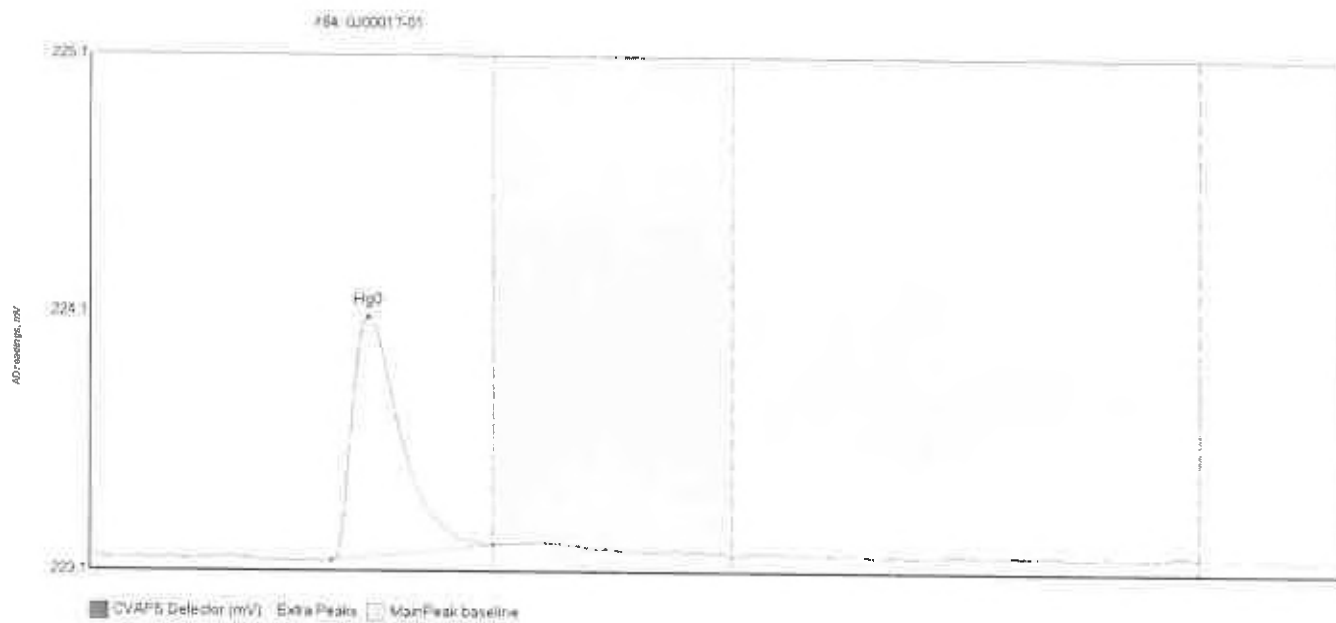
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	B1Shift	Comment
SEQ-CCB5	122.910	48.2	80.0	223.18	223.24	55.4	1.119	CT	223.1847	0.00	0.00	



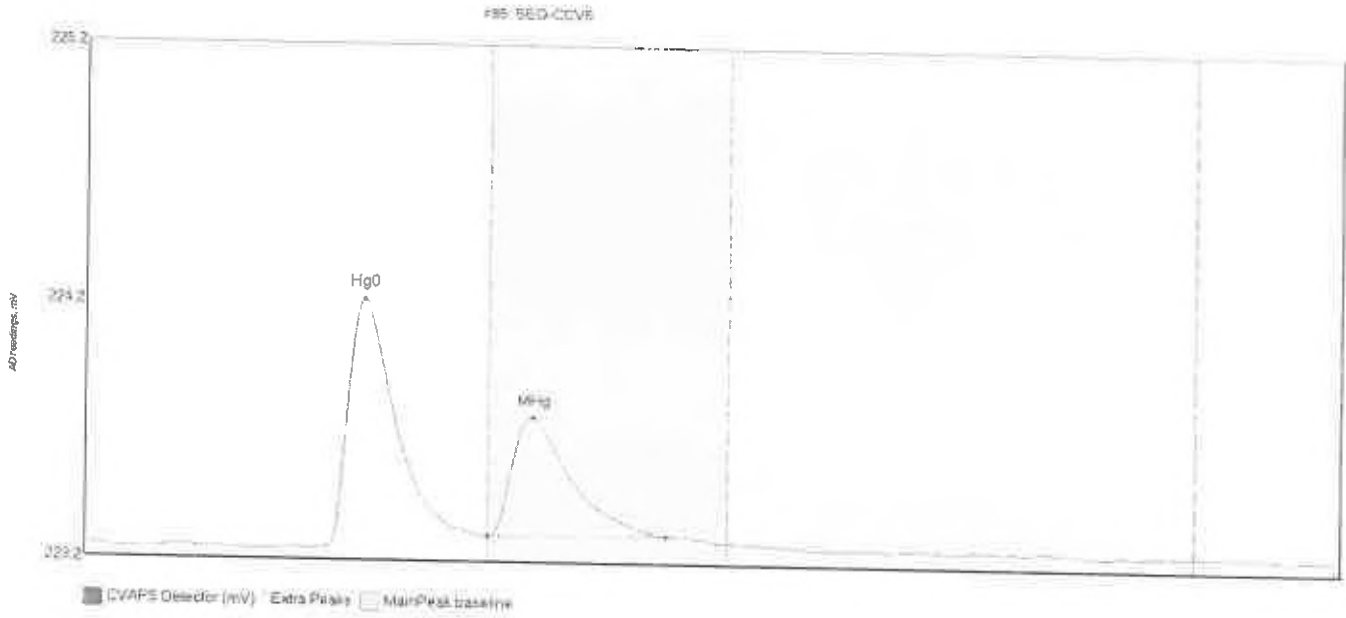
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0	152.356	46.9	79.8	223.17	223.25	55.4	1.385	OK	223.1806	0.00	0.01	F010342
MRg	38.010	80.2	109.5	223.25	223.25	88.7	0.300	OK	223.1806	0.00	0.01	F010342
HgII	0.571	134.5	142.8	223.21	223.22	139.1	0.015	OK	223.1806	0.00	0.01	F010342



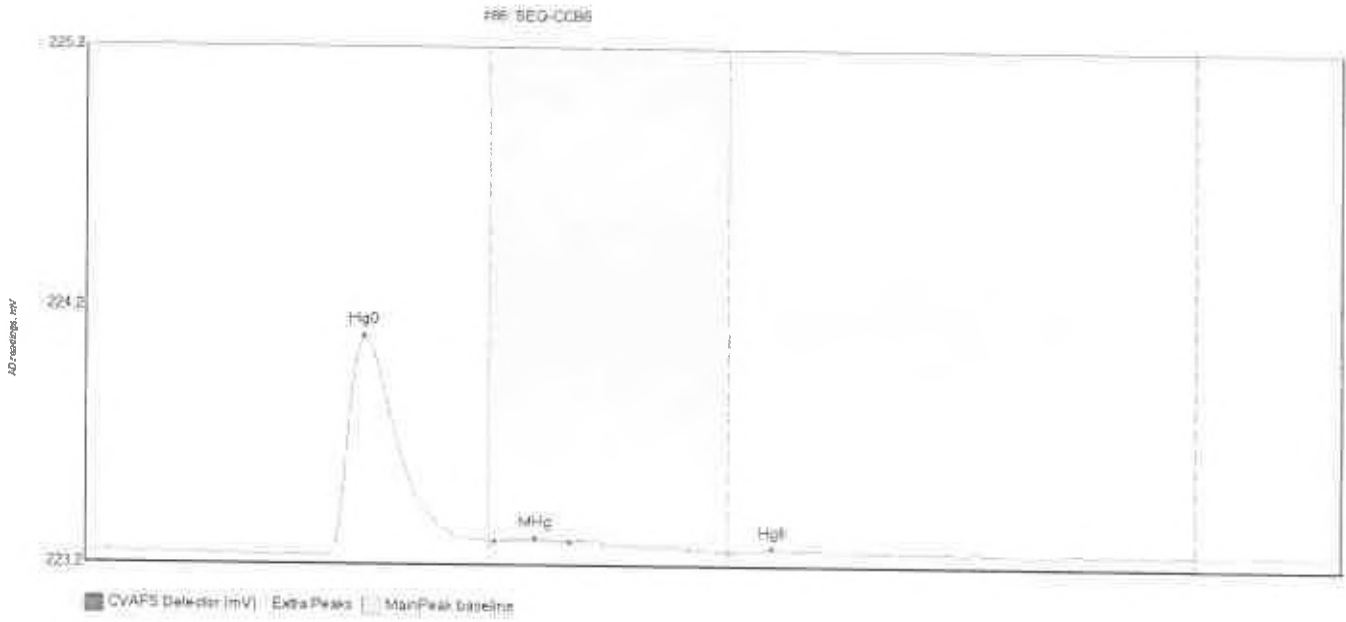
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
79.6	129.509	47.8	79.6	223.13	223.25	55.4	1.186	OK	223.1791	0.00	0.01	F010342
109.4	26.641	80.0	109.4	223.25	223.24	88.1	0.203	OK	223.1791	0.00	0.01	F010542



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00017-01	103.293	48.0	60.0	223.18	223.25	55.3	0.940	CT	223.2002	0.00	0.00	FU10342

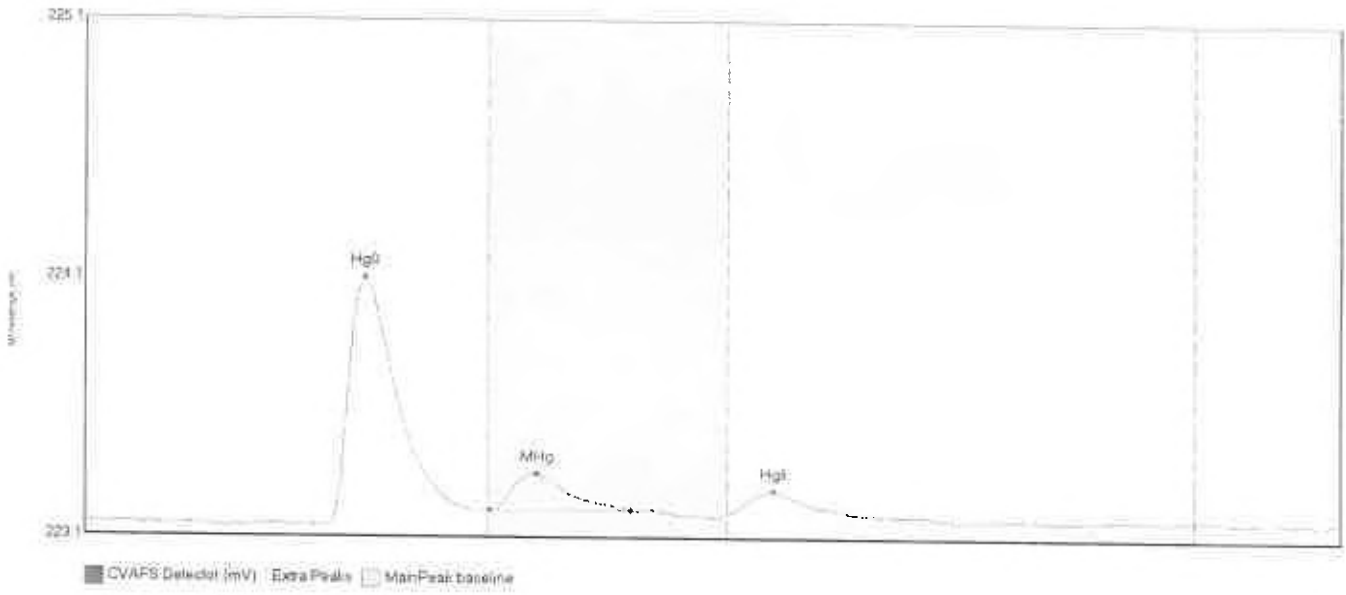


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCV6 Hg0	103.591	47.1	79.8	223.20	223.26	55.3	0.965	OK	223.2112	0.00	0.00	
SEQ-CCV6 MHg	62.227	80.0	115.3	223.26	223.26	88.9	0.463	OK	223.2112	0.00	0.00	



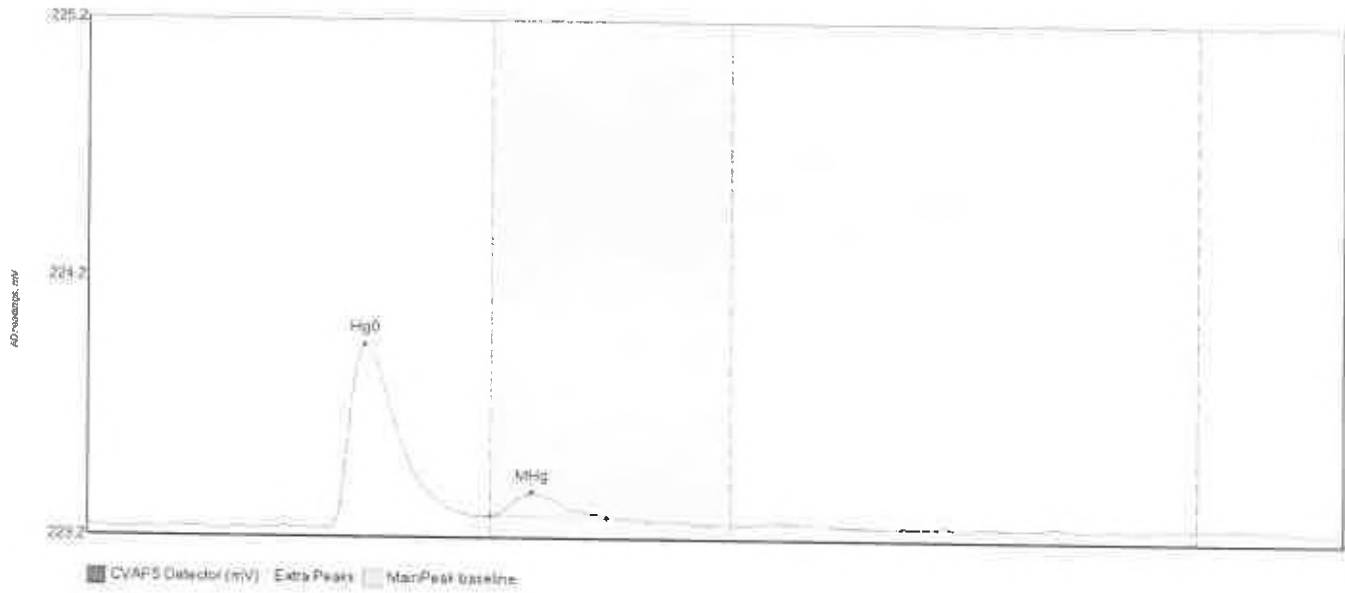
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	BShift	Comment
SEQ-CC36 Hg0	90.931	48.2	80.0	223.19	223.25	55.3	0.845	CT	223.2000	0.00	0.01	
SEQ-CCB6 MHg	1.258	81.2	96.0	223.25	223.25	89.2	0.013	OK	223.2000	0.00	0.01	
SEQ-CCR6 HgII	0.560	129.3	139.7	223.22	223.22	136.1	0.012	OK	223.2000	0.00	0.01	

#87: 000108-01

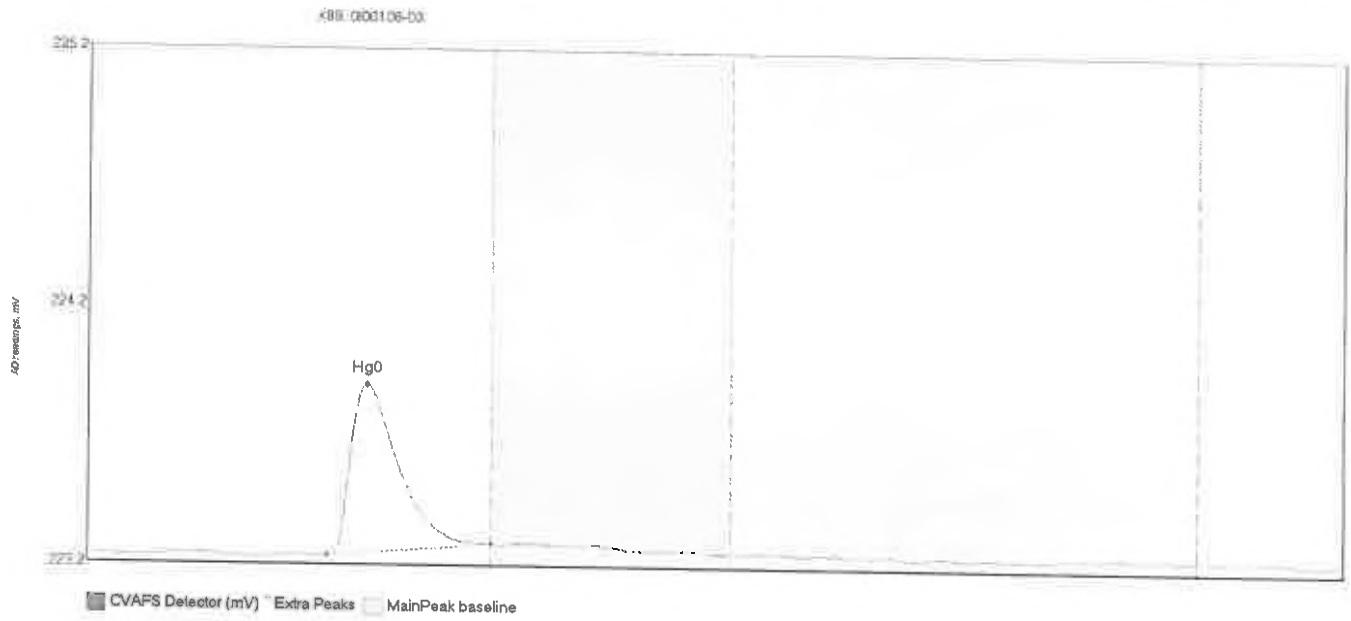


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100108-01 Hg0	102.605	48.1	80.0	223.20	223.25	55.5	0.951	CT	223.2058	0.00	0.01	F010342
0100108-01 MHg	17.725	80.3	108.2	223.25	223.25	89.6	0.144	OK	223.2058	0.00	0.01	F010342
0100108-01 HgII	11.390	127.5	154.0	223.24	223.24	136.5	0.091	OK	223.2058	0.00	0.01	F010342

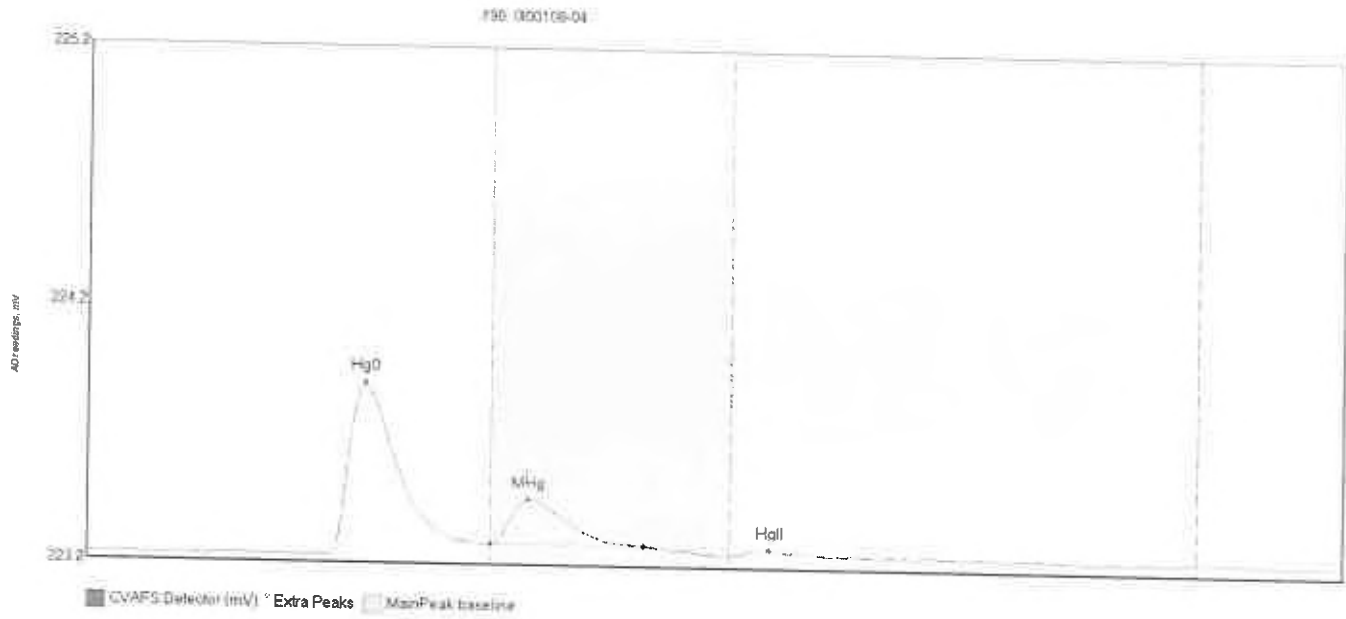
#88: 0100108-02



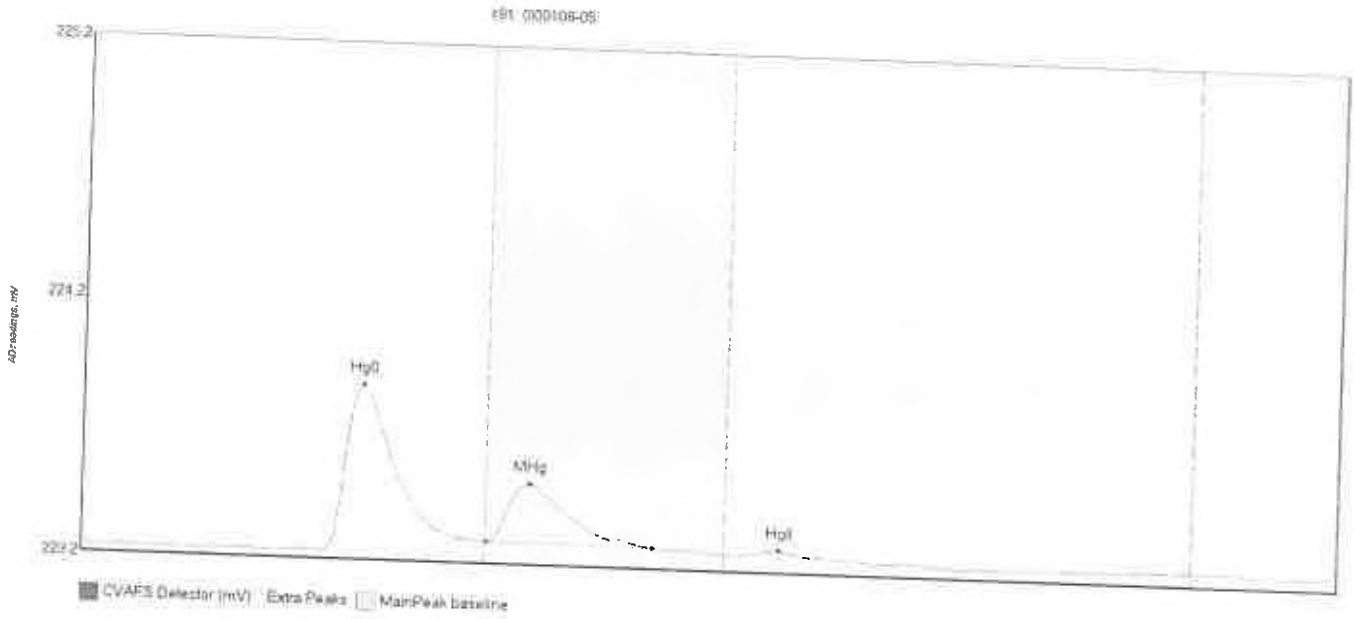
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100108-02 Hg0	76.409	48.0	77.9	223.21	223.26	55.1	0.705	OK	223.2141	0.00	0.00	F010342
0100108-02 MHg	9.879	80.0	102.8	223.26	223.26	88.1	0.089	OK	223.2141	0.00	0.00	F010342



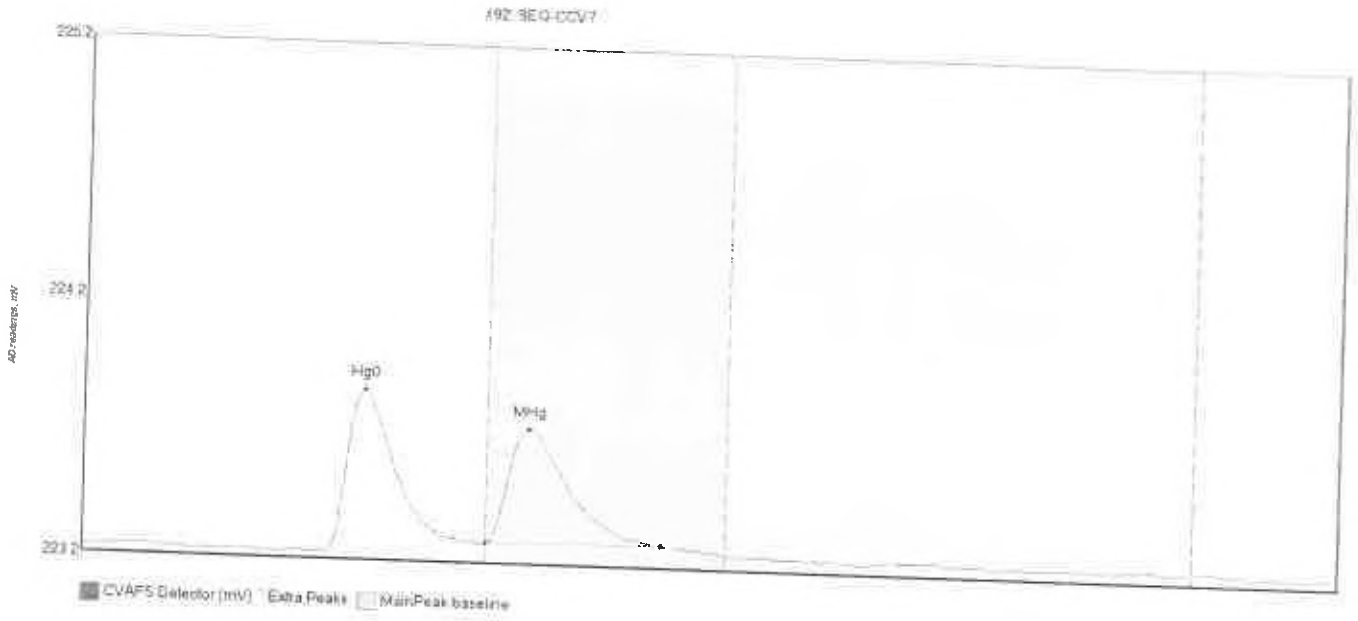
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0109108-03	70.765	47.5	80.0	223.21	223.26	55.4	0.661	CT	223.2122	0.00	0.00	F010342



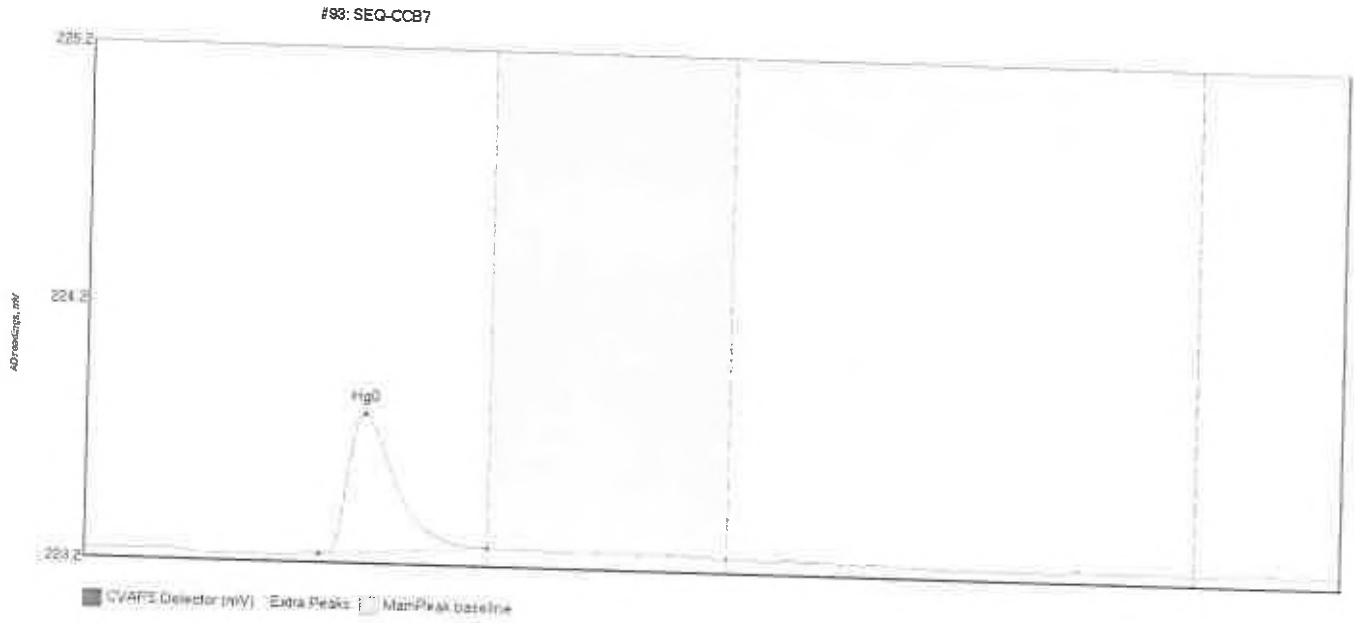
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
010010-04 Hg0	71.896	48.0	79.2	223.22	223.26	55.0	0.663	OK	223.2228	0.00	0.01	F010342
0100103-04 MHg	22.312	80.0	110.3	223.27	223.27	87.4	0.177	OK	223.2228	0.00	0.01	F010342
0100108-04 HgII	1.536	128.9	145.6	223.25	223.25	135.3	0.019	OK	223.2228	0.00	0.01	F010342



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100108-05 Hg0	68.385	48.0	78.5	223.22	223.27	55.5	0.637	OK	223.2220	0.00	0.01	
0100108-05 MHg	29.981	80.3	113.1	223.27	223.27	88.7	0.226	OK	223.2220	0.00	0.01	F010342
0100103-05 HgII	1.524	131.9	144.7	223.26	223.25	138.3	0.021	OK	223.2220	0.00	0.01	F010342



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV7 Hg0	66.529	47.7	78.6	223.23	223.28	55.7	0.628	OK	223.2386	0.00	0.00	
SEQ-CCV7 MHg	59.394	80.0	114.6	223.28	223.29	88.2	0.443	OK	223.2386	0.00	0.00	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCB7	58.808	46.6	80.0	223.23	223.27	55.4	0.549	CT	223.2341	0.00	0.01	

ANALYSIS SEQUENCE

0J12009

Analyzed with
0J09003 and 0J12008
MFS 10/12/20

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/9/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J12009-IBL1	QC	1			
0J12009-IBL2	QC	2			
0J12009-IBL3	QC	3			
0J12009-CAL1	QC	4	2002064		
0J12009-CAL2	QC	5	2002065		
0J12009-CAL3	QC	6	2002220		
0J12009-CAL4	QC	7	2002221		
0J12009-CAL5	QC	8	2002222		
0J12009-ICV1	QC	9	2001809		
0J12009-ICB1	QC	10			
0J12009-CCV1	QC	11	2001809		
0J12009-CCB1	QC	12			
0J12009-CCV2	QC	13	2001809		
0J12009-CCB2	QC	14			
0J12009-CCV3	QC	15	2001809		
0J12009-CCB3	QC	16			
F009422-BS1	QC	17			
F009422-BSD1	QC	18			
F009422-BLK1	QC	19			
F009422-BLK2	QC	20			
F009422-BLK3	QC	21			
0I00073-AX	Hg-CVAFS-S-7474	22			
F009422-MS1	QC	23			
F009422-MSD1	QC	24			
0I00073-AY	Hg-CVAFS-S-7474	25			
F009422-MS2	QC	26			
0J12009-CCV4	QC	27	2001809		
0J12009-CCB4	QC	28			
F009422-MSD2	QC	29			
0I00073-AW	Hg-CVAFS-S-7474	30			
0I00073-AZ	Hg-CVAFS-S-7474	31			
0I00073-BA	Hg-CVAFS-S-7474	32			
0I00073-BB	Hg-CVAFS-S-7474	33			
0I00073-BC	Hg-CVAFS-S-7474	34			
0I00073-BD	Hg-CVAFS-S-7474	35			
0I00073-BE	Hg-CVAFS-S-7474	36			

QUALITY ASSURANCE
PEER-REVIEWED
INITIALS: PCS

ANALYSIS SEQUENCE

0J12009

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/9/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-BF	Hg-CVAFS-S-7474	37			
0I00073-BG	Hg-CVAFS-S-7474	38			
0J12009-CCV5	QC	39	2001809		
0J12009-CCB5	QC	40			
0I00073-BH	Hg-CVAFS-S-7474	41			
0I00073-BI	Hg-CVAFS-S-7474	42			
0I00073-BJ	Hg-CVAFS-S-7474	43			
0I00073-BK	Hg-CVAFS-S-7474	44			
0I00073-BL	Hg-CVAFS-S-7474	45			
0I00073-BM	Hg-CVAFS-S-7474	46			
0J12009-CCV6	QC	47	2001809		
0J12009-CCB6	QC	48			



 Samples Loaded By _____ Date 10/12/20



 Data Processed By _____ Date 10/12/20

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J12009
Reviewer:	Dataset ID(s): THg26003-201009-1 Full
Date: 10/12/2020	WO (s) #: 0J00073
Batch #(s): F009422	

• Select the correct preparation method.

Analyte	Prep Method	Matrix
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2885	FSTM Trap 70:30 Digest Air/Gas
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2807	Modified Cold Aqua Regia Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2821	Shared Bomb- HF/HNO3/HCl Digest Sed/Soil
<input type="checkbox"/> THg	EFTM-T-TM-SOP2825	Nitric Acid Oven Bomb Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2795	70:30 Digest Tissue
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2800	KCl Trap BrCl Oxidation Air/Gas
<input type="checkbox"/> THg	EFTM-T-TM-SOP2837	Shared Nitric Tissue
<input type="checkbox"/> THg	EFSR-P-SP-SOP2796	BrCl Oxidation Water
<input type="checkbox"/> Hg0	NA	NA Water
<input type="checkbox"/> Inorg Hg	NA	NA Water

THg Sop 14801 7494 Seeds

Analyst Initials: MFS **Reviewer Initials:** PGS

- | | | | |
|---|---|--|------------------------------|
| 1. Compare SampleID with Benchsheet/Sequence/Raw Data (Have all samples been imported?) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 2. Check for transcription errors from Excel spreadsheet (or Prep Benchsheet)/Raw data | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (a) On raw data (instrument print-out), does correct file (dataset ID#) name appear in description? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Naming convention: THg26001-yymmdd-1 or THg26002-yymmdd-1 | | | |
| (b) Check 5% of transcription from Instrument print-out and Excel file | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Compare the "Dilute" and "Peak (raw)" columns to "Dilution" and "Uncorrected Result" in Excel | | | |
| (c) Check standards & reagents in sequence & bench sheet for correct usage (expiries). | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (d) Check and compare masses (review prep benchsheet) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (e) Check & compare initial & final volumes | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| (f) Do aliquots and dilutions written on benchsheet match those in Excel? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| 50 ml / aliquot = Excel dilution value | | | |
| (g) Is the sequence #, analyst, date, and instrument # on the QC page? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (h) Is the analysis status correct? (analyzed/initial review/reviewed) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (i) Original prep bench sheet added to data package? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (j) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 3. High QA? WO#(s)/Client(s): _____ | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 4. Client specific QC? (if Yes, refer to Project Notes/LIMS) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (a) Have the QC requirements been met for all WO#s? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (b) Prep blanks corrections/assigned properly | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 5a. 20 or fewer samples in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (i) 3 PBs, 1 LCS(or BS), 1 LCSD(or BSD), 1 DUP/Batch 1 MS/MSD (or AS/ASD)/10 samples? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| (ii) 1 CCV and 1 CCB every 10 analytical runs? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J12009
Reviewer:	Dataset ID(s): THg26003-201009-1_Full
Date: 10/12/2020	WO (s) #: 0J00073
Batch #(s): F009422	

Analyst Initials MFS Reviewer Initials PGS

- 5b. Has the B/C section data been uploaded? YES NO N/A
- QA/QC Data Checked**
6. RSD CF (≤ 15%) PASS FAIL
 Comments: _____
7. The calibration curve included a minimum of 5 Standards YES NO
 Comments: _____
8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) PASS FAIL
9. ICV and CCV % Recoveries EPA 1631E (77-123%) PASS FAIL
 Comments: _____
10. Do all calibration points pass acceptance criteria? YES NO
 Comments: _____
11. Are qualifiers consistent with the data review flowcharts? YES NO N/A
 Comments: _____
12. Explain any items on the failed data report from Element
 Comments: _____
13. Are the individual Preparation Blanks < PQL or <2.2xMDL for WI (refer to appropriate prep method PQL list) PASS FAIL
 (a) If not < PQL or <2.2xMDL for WI, note which PB(s) are above control limit: F009422 - BLK 3
 (b) Is the mean PB < PQL or <2.2xMDL for WI (for appropriate qualification)? YES NO
 (c) Was a BrCl Blank analyzed for each preservation level? YES NO N/A
 (d) Are Preparation Blanks summarized on QC page? YES NO
14. Filtration Blank Prepared (if yes, use FB qualifier) YES NO
 (a) Filtration Blank prep date same as associated samples' prep date YES NO N/A
 (b) Filtration Blank absolute value < PQL or <2.2xMDL for WI YES NO N/A
15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? PASS FAIL
 Comments: _____
16. CCBs individually < 0.50 ng/L or 2.2 x MDL for WI? PASS FAIL
 Comments: _____
17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) YES NO N/A
18. Is the correct 'Source' designated for MD/MS/MSD? YES NO
19. For digested preps: was there a spike witness signature & date on the prep bench sheet? YES NO N/A

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J12009
Reviewer:	Dataset ID(s): THg26003-201009-1_Full
Date: 10/12/2020	WO (s) #: 0J00073
Batch #(s): F009422	

Analyst Initials MFS Reviewer Initials PGS

- | | | | |
|--|---|--|--|
| 20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Comments: _____ | | | |
| 21. Are all samples within instrument calibration range? (or at minimum dilution size) | <input type="checkbox"/> PASS | <input checked="" type="checkbox"/> FAIL | <input type="checkbox"/> |
| Comments: _____ | | | |
| 22. Are the samples run at the correct dilution level for the method? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | |
| Comments: _____ | | | |
| 23. Dissolved < Total (if applicable) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 24. Effluent < Influent (visually confirm if needed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 25. Are re-runs noted with reason? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 27. Is the B trap <5% A Traps | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 28. Are spiked trap recoveries 75-125% of true value? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| Comments: _____ | | | |
| 29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| Comments: _____ | | | |
| 30. Have re-extracts been created for non-reportable samples? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A <input type="checkbox"/> |
| 31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 32. Does the data set need scanning? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 33. Does the dataset have an LOQ/LOQ or DOC? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 34. Water samples: has the preservation log been included in dataset for final volume verification? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
| 35. Water samples-is the final volume correct in the sequence? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A <input type="checkbox"/> |
- Files located at: \\Cuprum\gen admin\Quality Assurance\Training Master\DOCs
- | | | | | | |
|---|----------|----------------------------------|------------------------------|-----------------------------|--------------------------|
| 36. Date of analyst IDOC/CDOC: _____ | 3/12/20 | IDOC/CDOC within last 12 months? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 37. Date of analyst's SOP reading for method: _____ | 3/12/20 | Current SOP revision read? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 38. Date of LOD: _____ | 12/29/19 | LOD within last 3 months? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 39. Date of LOQ: _____ | 12/29/19 | LOQ within last 3 months? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |

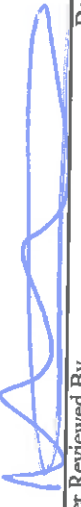
Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

Failing Data Report - 0J12009

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD	RPD Limit	Over Cal	Failure	Qualifier
F009422-BS1	Hg-CVAFS-S-7474	123.8	8.00			79.920	ng/g	155	75.00	125.00			PASS-OVER	FAIL-BS	
F009422-BSD1	Hg-CVAFS-S-7474	139.4	8.00	123.8446		79.920	ng/g	174	75.00	125.00	11.8	24.00	PASS-OVER	FAIL-BSD (Rec.)	
F009422-MS1	Hg-CVAFS-S-7474	1833	154		299.5032	961.17	ng/g	160	71.00	125.00			PASS-OVER	FAIL-MS	
F009422-MSD1	Hg-CVAFS-S-7474	1703	156	1833.358299	5032	972.38	ng/g	144	71.00	125.00	10.1	24.00	PASS-OVER	FAIL-MSD (Rec.)	



 Analyst Reviewed By _____ Date 10/12/20



 Peer Reviewed By _____ Date _____

Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: mv 10/1/2020
Upload/Date: mv 10/6/2020

Samples to lab: 1120
Reviewer/Date: MPS 10/17/20

Batch #: F009422

EFGS Preparation Method

- | | | |
|--|--------------------------------|--------------------------------|
| <input type="checkbox"/> SOP2836 Oven Digestion (Total Recoverable Metals) | <input type="checkbox"/> ICPMS | <input type="checkbox"/> AFS |
| <input type="checkbox"/> SOP2837 Tissue Nitric Digestion | <input type="checkbox"/> ICPMS | <input type="checkbox"/> CVAFS |
| <input type="checkbox"/> SOP2840 Modified Aqua Regia | | |
| <input type="checkbox"/> SOP2820 RP | | |
| <input type="checkbox"/> SOP2821 HF Bomb Digestion | <input type="checkbox"/> ICPMS | <input type="checkbox"/> CVAFS |
| <input type="checkbox"/> SOP2825 Nitric Bomb Digestion | <input type="checkbox"/> ICPMS | <input type="checkbox"/> CVAFS |
| <input type="checkbox"/> SOP2993 Oven Digestion (As, Se Speciation) | | |
| <input type="checkbox"/> SOP5145 Microwave Digestion (Nutraceuticals) | | |
| <input type="checkbox"/> SOP5145 Microwave Digestion (3051) | | |
| <input checked="" type="checkbox"/> NA Other: <u>Sep 14 8d EPH 7474</u> | | |

Initials	SOP Date	DOC Date
<u>mv</u>	<u>8/31/2020</u>	<u>9/30/2020</u>

Comments: _____

Conditionally formatted training files located at:
\\us34filal\General and Admin\Quality Assurance\Training\Training Master
(Contact QA for any problems regarding these training files.)

Analytes: Hg

- | | | Reviewer Initials | MPS | Tertiary Review |
|--|---|---|-------------------------------------|--------------------------|
| 1. Is any SOP/DOC expiring within one week of Submission Date?
Data cannot be reported without a current IDOC/CDOC. | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| If YES, notify supervisor and technician immediately. | | | | |
| 2. Check prep method | <input checked="" type="checkbox"/> YES | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) For Ceuticals: Is correct Hg code being used in LIMS? | <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30 | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Compare sample ID & container ID with benchsheet & in LIMS | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Check for transcription errors from benchsheet | <input checked="" type="checkbox"/> YES | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) Check and compare initial and final volumes | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (b) Check and compare mass | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (c) Has the number of pills been documented (Special Info 5 in benchsheet)? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (d) Have assay logbook copies been attached & avg masses entered? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (e) For re-digests, have e-mails been attached and verified? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (f) Benchsheet prep date MUST match actual prep date | <input checked="" type="checkbox"/> YES | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Samples per Batch? Check QC Requirements | <input checked="" type="checkbox"/> ≤ 20 <input type="checkbox"/> ≤ 10 | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) PBs per batch? | <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (b) Are pre and post homogenization blanks in batch? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (c) BS, BS/BSD or CRM in batch? | <input type="checkbox"/> BS <input checked="" type="checkbox"/> BS/BSD <input type="checkbox"/> CRM | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (d) MS/MSD in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (e) MD in batch? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (f) Is there at least one duplicate QC source in batch? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (g) Are there any client specific requests, QC requests, etc? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> | <input type="checkbox"/> |
| Document: _____ | | | | |
| (h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (i) Correct 'source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (j) For EFGS-filtered samples, was a filtration blank included? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Special prep requirements? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) For 1638: Have samples sat for 48 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (b) For 200.8: Have samples sat for 16 hours after preservation? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (c) For DOD have pipettes been calibrated day of prep? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Are the samples appropriately spiked? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (a) Is the spike and amount used appropriate and entered into LIMS? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| (c) Spikes added: | <input checked="" type="checkbox"/> YES | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

*MPS 10/17/20
See WG 0100673*

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID: N/A

Spike Name	LIMS ID	μL	Spike Name	LIMS ID	μL
<u>TH₂...</u>	<u>...</u>	<u>...</u>			
<u>Thal...</u>	<u>...</u>	<u>...</u>			

mv 10/17/2020

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

© K10, H20, M440

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009422-BLK1	Blank	0.525	200					
F009422-BLK2	Blank	0.5328	200					
F009422-BLK3	Blank	0.5078	200					
F009422-BS1	LCS	0.5562	200	2001204	40			
F009422-BSD1	LCS Dup	0.5017	200	2001204	40			
F009422-MS1	Matrix Spike [0100073-AX]	0.5202	200	2002298	50			
F009422-MS2	Matrix Spike [0100073-AY]	0.5001	200	2002298	50			
F009422-MSD1	Matrix Spike Dup [0100073-AX]	0.5142	200	2002298	50			
F009422-MSD2	Matrix Spike Dup [0100073-AY]	0.5071	200	2002298	50			

Standard ID(s):

2001204
2002298

Description:

THg 1,000ng/mL Secondary Spiking Standard
THg 10,000ng/mL Primary Spiking Standard

Expiration:

05-Nov-20 00:00
05-Nov-20 00:00

Reagent ID(s):

2001932
2001973
2002104
2002316

Description:

Fisher Nitric Acid, Tracemetal Grade
TraceMetal Grade Hydrochloric Acid
7474 Potassium Bromate/Bromide Reagent

Expiration:

01-Mar-22 00:00
21-Jan-23 00:00
24-Mar-23 00:00
09-Oct-20 00:00

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AW ✓	FRB-01_092120_SED_03-05	0.5122 ✓	200 ✓	-	-	S&R		
0100073-AX ✓	MM-T2-C3_092120_SED_01-03	0.5032 ✓	200 ✓	QC	-	S&R		
0100073-AY ✓	MM-T2-C3_092120_SED_03-05	0.514 ✓	200 ✓	QC	-	S&R		
0100073-AZ ✓	MM-T5-C3_092120_SED_00-01	0.508 ✓	200 ✓	-	-	S&R		
0100073-BA ✓	MM-T5-C3_092120_SED_01-03	0.5152 ✓	200 ✓	-	-	S&R		
0100073-BB ✓	MM-T5-C3_092120_SED_03-05	0.5071 ✓	200 ✓	-	-	S&R		
0100073-BC ✓	W-17-High_092120_SED_00-01	0.5136 ✓	200 ✓	-	-	S&R		
0100073-BD ✓	W-17-High_092120_SED_01-03	0.5103 ✓	200 ✓	-	-	S&R		
0100073-BE ✓	W-17-High_092120_SED_03-05	0.5129 ✓	200 ✓	-	-	S&R		
0100073-BF ✓	W-17-Mid_092120_SED_00-01	0.51 ✓	200 ✓	-	-	S&R		
0100073-BG ✓	MM-T1-C3_092120_SED_00-01	0.5007 ✓	200 ✓	-	-	S&R		
0100073-BH ✓	MM-T1-C3_092120_SED_01-03	0.5081 ✓	200 ✓	-	-	S&R		
0100073-BI ✓	MM-T1-C3_092120_SED_03-05	0.5192 ✓	200 ✓	-	-	S&R		
0100073-BJ ✓	W-17-Mid_092120_SED_01-03	0.5198 ✓	200 ✓	-	-	S&R		
0100073-BK ✓	W-17-Mid_092120_SED_03-05	0.5114 ✓	200 ✓	-	-	S&R		
0100073-BL ✓	VN-02-04_091620_SED_00-01	0.5201 ✓	200 ✓	-	-	S&R		
0100073-BM ✓	VN-02-04_091620_SED_01-03	0.5123 ✓	200 ✓	-	-	S&R		

PREPARATION BENCH SHEET

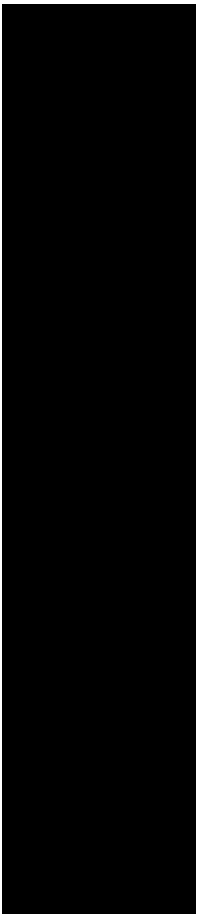
F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - ERGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020



Date: 9/30/2020

Microwave Digestions

Microwave ID: M07708

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	F009421-MS1	A	F	12	0.5769	Salmon CSJ		
13	F009421-MS1	A	F	13	0.5798	S		MES 10/1/20
14	O10073-AD	A	F	14	0.5273	S		MES 10/1/20
15	F009421-MS2	A	F	15	0.5095	S		Low Volume Sample
16	F009421-MS2	A	F	16	0.5132	S		MES 10/1/20
17	O10073-AE	A	F	17	0.5198	S		
18	O10073-AF	A	F	18	0.5059	S		
19	O10073-AG	A	F	19	0.5289	S		
20	O10073-AH	A	F	20	0.5039	S		
21	O10073-AI	A	F	21	0.5212	S		
22	O10073-AJ	A	F	22	0.5211	S		
23	O10073-AK	A	F	23	0.5248	S		
24	O10073-AL	A	F	24	0.5006	S		
25	O10073-AM	A	F	25	0.5257	S		
26	O10073-AN	A	F	26	0.5292	S		
27	O10073-AO	A	F	27	0.5134	S		
28	O10073-AP	A	F	28	0.5662	S		Low Volume Sample
29	O10073-AQ	A	F	29	0.5149	S		
30	O10073-AR	A	F	30	0.5220	S		
31	O10073-AS	A	F	31	0.5047	S		
32	O10073-AT	A	F	32	0.5291	S		
33	O10073-AU	A	F	33	0.5221	S		
34	O10073-AV	A	F	34	0.5247	S		
35	F009421-MS1	A	F	35	0.5250	Berby cheser		
36	F009421-MS2	A	F	36	0.5322	pc		
37	F009421-MS3	A	F	37	0.5072	bc		
38	F009421-MS4	A	F	38	0.5562	bc		
39	F009421-MS5	A	F	39	0.5017	bc		MES 10/1/20
40	O10073-44	A	F	40	0.5720	S		MES 10/1/20 From batch F009421

Initials:

10-1-2020

Microwave Digestions

Microwave ID: M127708

ech.: M 2^o Tech.: JML Spiked by: JML Spike Witness: MFS 10/1/20 Rack E Time ^{In} 12/10/1235 Rack 12 Time ^{Out} 12/14/20

Boiling Chip LIMS ID# 2002070 Balance #/Cal.? (N): 23 / 10-1-2020

Final Volume (mL)/Initials/Date: 50 / JML / 10-1-2020 S.S.R Completed (Y/N) Y

Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
OR00073-A1(MS)	A	E	1	0.5032	Sediment (S)		
FO09422-M52	A	E	2	0.5202	S		MFS 10/1/20
FO09422-M52	A	E	3	0.5142	S		MFS 10/1/20
OR00073-A1(MS)	A	E	4	0.5110	S		
FO09422-M52	A	E	5	0.5191	S		MFS 10/1/20 Dry 10-1-2020
FO09422-M52	A	E	6	0.5071	S		MFS 10/1/20
OR00073-A1	A	B	7	0.5122	S		
OR00073-A2	A	E	8	0.5080	S		
OR00073-BA	A	E	9	0.5152	S		
OR00073-AB	A	E	10	0.5071	S		
OR00073-BC	A	E	11	0.5136	S		

Initials:

Spike	Vol. (µL)	LIMS #
Thy 1000 ng/ml	40	2002044
Thy 100 ng/ml	50	2002048

Pipette ID	Cal. Date
CU07853	9/29/2000
PU 21746	10-7-2000
QU 40347	10-7-2000

Preparation Method		
Reagent	Vol. (mL)	LIMS #
HNO3	1	2002032
HCl	3	2002109
7474 spk	1	2002316
HCl	1.25	2001937

#	Sample/Batch ID	Bottle ID	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
12	OT00073-BD	A	E	12	0.5703	Sediment (CS)		
13	OT00073-BE	A	E	13	0.5703	S		Dry 10/12/20
14	OT00073-BF	A	E	14	0.5100	S		
15	OT00073-BG	A	E	15	0.5007	S		
16	OT00073-BH	A	E	16	0.5081	S		
17	OT00073-BI	A	E	17	0.5192	S		
18	OT00073-BJ	A	E	18	0.5198	S		
19	OT00073-BK	A	E	19	0.5714	S		
20	OT00073-BL	A	E	20	0.5201	S		
21	OT00073-BM	A	E	21	0.5723	S		
22	FO09442-BLK1	A	E	22	0.5515	Burling Chgs (BC)		
23	FO09442-BLK2	A	E	23	0.5638	BC		
24	FO09442-BLK3	A	E	24	0.5077	BC		
25	FO09442-BJ2	A	E	25	0.5327	BC		MFS 10/17/20
26	FO09442-BSD1	A	E	26	0.5472	BC		MFS 10/17/20
27	FO09442-MS1	A	E	27	0.5001	S		MFS 10/17/20
28	FO09442-MSD1	A	E	28	0.5234	S		MFS 10/17/20
29	OT00073-03 (MS1)	A	E	29	0.5754	S		MFS 10/17/20
30	FO09442-MS2	A	E	30	0.5122	S		MFS 10/17/20
31	FO09442-MSD2	A	E	31	0.5088	S		MFS 10/17/20
32	OT00073-41 (MS2)	A	E	32	0.5222	S		
33	OT00073-04	A	E	33	0.5091	S		
34	OT00073-07	A	E	34	0.5232	S		
35	OT00073-01	A	E	35	0.5234	S		
36	OT00073-10	A	E	36	0.5102	S		
37	OT00073-11	A	E	37	0.5135	S		
38	OT00073-17	A	E	38	0.5152	S		
39	OT00073-46	A	E	39	0.5043	S		
40	OT00073-52	A	E	40	0.5031	S		

Initials:

EFGS / Microwave Digestions / LOG-PR-009 / Effective: 4/11/17 / QA2019-033 / Page 161 of 215 / S.S.R = Sample, Spike, Reagents / Page 2 of 2 / Verified By: MFS 10/17/20

Sample ID	Matrix	ID Check	Notes
12	A	0.5130	
13	A	0.5211	
14	A	0.5337	
15	A	0.5338	
16	A	0.5184	
17	A	0.5088	
18	A	0.5332	
19	A	0.5424	
20	A	0.5171	
21	A	0.5092	
22	A	0.5223	
23	A	0.5271	
24	A	0.5102	
25	A	0.5001	
26	A	0.5045	
27	A	0.5019	
28	B	0.5529	
29	B	0.5204	
30	B	0.5569	
31	B	0.5211	
32	B	0.5511	
33	A	0.5149	
34	A	0.5177	
35	A	0.5129	
36	A	0.5106	
37	A	0.5074	
38	A	0.5157	
39	A	0.5134	
40	A	0.5093	

Shared as 0100100-01 via 9-29-2020

LOD, 100ul ofc
LOD, 300ul ofc

Day via 9-30-2020

became SRCI
became MS17BL
became MSD1

Day via 9-30-2020

Initials:

Verified By: *MM* 9/29/2020

Page 2 of 4 / Reagents / Spike, Sample, S.S.R. / Effective: 4/11/17 / QA2019-033 / Page 149 of 215

Microwave ID: MD7708
 Microwave Digestions
 10.1.2020
 Tech: Ym 2° Tech.: Vm Spiked by: Ym
 Rack F Time 10:10 Rack F Time 16:40/1705 Rack F Time 10:10
 Spike Witness: VM
 Balance #/Cal.? (Y/N): 23 / Y
 Boiling Chip LIMS ID# 2002050
 Final Volume (mL)/Initials/Date: 50 / Ym / 10.1.2020 S.S.R Completed (Y/N) Y
 Probe #: NA

Sample/Batch ID	Bottle	Rack #	Position #	Sample (g)	Matrix	ID Check	Notes
0100073-AY	A	F	19	0.5121	Sediment (CS)		Sample Used
0100073-AY	A	F	20	0.5051	S		Source is 0100073-AYA Sample used
0100073-AY	A	F	21	0.5001	S		Sample used
0100073-AY	A	F	22	0.5035	S		
0100073-AY	A	F	23	0.5210	S		
0100073-AY	A	F	24	0.5728	S		

Initials: VM 10.6.2020

Preparation Method:	Reagent	Vol. (ml)	LIMS #
	HNO3	1	2001932
	HCl	3	2002109
	SPL PDG	100	
			VM 10.6.2020

Pipette ID	Cal. Date
0467852	9/28/20

Spike	Vol. (µL)	LIMS #
THg 100000ng/L	50	2002278

Combined Spike ID: _____
 Batches: _____
 Combined Spike ID: _____
 Batches: _____
 VM 10.6.2020

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009422-BLK1	Blank	0.5	200					
F009422-BLK2	Blank	0.5	200					
F009422-BLK3	Blank	0.5	200					
F009422-BLK4	Blank	0.5	200					RR BLK3 for confirmation MFS 10/2/2020
F009422-BS1	LCS	0.5	200	2001204	40			
F009422-BSD1	LCS Dup	0.5	200	2001204	40			
F009422-MS1	Matrix Spike [0100073-AX]	0.5202	200	2002298	50			
F009422-MS2	Matrix Spike [0100073-AY]	0.5001	200	2002298	50			
F009422-MS3	Matrix Spike [0100073-AY/RE1]	0.5001	200	2002298	50			E-01: RR MS2@400x MFS 10/12/20
F009422-MSD1	Matrix Spike Dup [0100073-AX]	0.5142	200	2002298	50			
F009422-MSD2	Matrix Spike Dup [0100073-AY]	0.5071	200	2002298	50			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AW	FRB-01_092120_SED_03-05	0.5122	200	-	-	S&R		
0100073-AX	MM-T2-C3_092120_SED_01-03	0.5032	200	QC	-	S&R	MS/MSD	
0100073-AY	MM-T2-C3_092120_SED_03-05	0.514	200	QC	-	S&R	MS/MSD	
0100073-AY/IE1	MM-T2-C3_092120_SED_03-05	0.514	200	QC	-	S&R	MS/MSD Added 10/12/2020 by MFS	E: RR@100x MFS 10/12/20
0100073-AZ	MM-T5-C3_092120_SED_00-01	0.508	200	-	-	S&R		
0100073-BA	MM-T5-C3_092120_SED_01-03	0.5152	200	-	-	S&R		
0100073-BB	MM-T5-C3_092120_SED_03-05	0.5071	200	-	-	S&R		
0100073-BC	W-17-High_092120_SED_00-01	0.5136	200	-	-	S&R		
0100073-BD	W-17-High_092120_SED_01-03	0.5103	200	-	-	S&R		
0100073-BE	W-17-High_092120_SED_03-05	0.5129	200	-	-	S&R		
0100073-BF	W-17-Mid_092120_SED_00-01	0.51	200	-	-	S&R		
0100073-BG	MM-T1-C2_092120_SED_00-01	0.5007	200	-	-	S&R		
0100073-BH	MM-T1-C2_092120_SED_01-03	0.5081	200	-	-	S&R		
0100073-BI	MM-T1-C2_092120_SED_03-05	0.5192	200	-	-	S&R		
0100073-BJ	W-17-Mid_092120_SED_01-03	0.5198	200	-	-	S&R		
0100073-BK	W-17-Mid_092120_SED_03-05	0.5114	200	-	-	S&R		
0100073-BL	VN-02-04_091620_SED_00-01	0.5201	200	-	-	S&R		
0100073-BM	VN-02-04_091620_SED_01-03	0.5123	200	-	-	S&R		

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020





Analysis Datasheet for Total Mercury

Date of Analysis: October 09, 2020
 Instrument #: Hg2600-3
 LIMS Sequence #: 0309003, 0312008, 0312009

Analyst: MFS
 Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	160.06 units	320.11	122.45 units	244.91	109.2 %Rec
SEQ-CAL2	1	1.00 ng/L	252.60 units	252.60	215.00 units	215.00	95.8 %Rec
SEQ-CAL3	1	5.00 ng/L	1154.70 units	230.94	1117.10 units	223.42	99.6 %Rec
SEQ-CAL4	1	20.00 ng/L	4392.38 units	219.62	4354.78 units	217.74	97.1 %Rec
SEQ-CAL5	1	40.00 ng/L	8863.58 units	221.59	8825.98 units	220.65	98.4 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 224.34 Corr. St Dev RF +/- 11.92 Corr. RSD CF 5.3% RSD Uncorr. Mean RF 248.97

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	3	37.60 units	±1.95	0.15 ng/L	±0.01

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	0	0.000 ng/L	
BLK	2	0	0.000 ng/L	
BLK	3	3	7.248 ng/L	
BLK	4	0	0.000 ng/L	±6.574
BLK	5	0	0.000 ng/L	
BLK	6	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	10/9/2020 11:18:05	5168-1.RAW	11:18:05 AM	36.06			-1.5	-0.007	-0.007	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	10/9/2020 11:22:14	5167-1.RAW	11:22:14 AM	36.97			-0.6	-0.003	-0.003	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	10/9/2020 11:26:22	5166-1.RAW	11:26:22 AM	36.78			2.2	0.010	0.010	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	10/9/2020 11:30:31	5169-1.RAW	11:30:31 AM	160.06			122.5	0.546	0.546	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	10/9/2020 11:34:40	5170-1.RAW	11:34:40 AM	252.60			215.0	0.958	0.958	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	10/9/2020 11:38:49	5171-1.RAW	11:38:49 AM	1154.70			1117.1	4.979	4.979	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	10/9/2020 11:42:57	5172-1.RAW	11:42:57 AM	4392.38			4354.8	19.411	19.411	ng/L	
Hg2600-3	00	CAL	SEQ-CAL5	1	10/9/2020 11:47:06	5173-1.RAW	11:47:06 AM	8869.58			8826.0	39.342	39.342	ng/L	
Hg2600-3	00	CAL	SEQ-ICV1	1	10/9/2020 11:51:16	5174-1.RAW	11:51:16 AM	1263.21			1225.6	5.463	5.463	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	10/9/2020 11:55:25	5175-1.RAW	11:55:25 AM	66.52			28.9	0.129	0.129	ng/L	
Hg2600-3	00	SAM	WS		10/9/2020 11:59:34	5176-1.RAW	11:59:34 AM	36.42			Error	#VALUE!	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/9/2020 12:03:43	5177-1.RAW	12:03:43 PM	33.89			-3.7	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	0J00049-01	1	10/9/2020 12:07:53	5178-1.RAW	12:07:53 PM	70.19			32.6	0.145	0.145	ng/L	F010355
Hg2600-3	00	SAM	0J00049-01RE1	1	10/9/2020 12:12:02	5179-1.RAW	12:12:02 PM	82.36			44.8	0.199	0.199	ng/L	F010355
Hg2600-3	00	SAM	0J00049-01RE2	1	10/9/2020 12:16:11	5180-1.RAW	12:16:11 PM	67.32			29.7	0.132	0.132	ng/L	F010355
Hg2600-3	00	SAM	0J00049-02	1	10/9/2020 12:20:20	5181-1.RAW	12:20:20 PM	64.25			26.6	0.119	0.119	ng/L	F010355
Hg2600-3	00	SAM	0J00049-02RE1	1	10/9/2020 12:24:30	5182-1.RAW	12:24:30 PM	66.42			27.0	0.128	0.128	ng/L	F010355
Hg2600-3	00	SAM	0J00049-02RE2	1	10/9/2020 12:28:39	5183-1.RAW	12:28:39 PM	64.62			27.0	0.120	0.120	ng/L	F010355
Hg2600-3	00	SAM	0J00049-03	1	10/9/2020 12:32:48	5184-1.RAW	12:32:48 PM	36.06			-1.5	-0.007	-0.007	ng/L	F010355
Hg2600-3	00	SAM	0J00049-03RE1	1	10/9/2020 12:36:58	5185-1.RAW	12:36:58 PM	38.35			0.8	0.003	0.003	ng/L	F010355
Hg2600-3	00	CAL	SEQ-CCV1	1	10/9/2020 12:41:07	5186-1.RAW	12:41:07 PM	1192.76			1155.2	5.149	5.149	ng/L	
Hg2600-3	00	CAL	SEQ-CCB1	1	10/9/2020 12:45:16	5187-1.RAW	12:45:16 PM	41.76			4.2	0.019	0.019	ng/L	
Hg2600-3	00	SAM	0J00049-03RE2	1	10/9/2020 12:49:25	5188-1.RAW	12:49:25 PM	37.24			-0.4	-0.002	-0.002	ng/L	F010355
Hg2600-3	00	SAM	0J00049-04	1	10/9/2020 12:53:35	5189-1.RAW	12:53:35 PM	43.34			5.7	0.026	0.026	ng/L	F010355
Hg2600-3	00	SAM	0J00049-04RE1	1	10/9/2020 12:57:44	5190-1.RAW	12:57:44 PM	45.42			7.8	0.035	0.035	ng/L	F010355
Hg2600-3	00	SAM	0J00049-04RE2	1	10/9/2020 13:01:54	5191-1.RAW	12:57:44 PM	45.42			4.5	0.020	0.020	ng/L	F010355
Hg2600-3	00	CAL	SEQ-CCV2	1	10/9/2020 13:06:03	5192-1.RAW	1:01:54 PM	42.10			11.2	0.050	0.050	ng/L	
Hg2600-3	00	CAL	SEQ-CCB2	1	10/9/2020 13:10:12	5193-1.RAW	1:10:12 PM	48.82			11.2	0.050	0.050	ng/L	
Hg2600-3	00	SAM	F010356-BS1	20	10/9/2020 13:14:22	5194-1.RAW	1:14:22 PM	4675.18			4637.6	20.672	20.672	ng/L	F010356, TESTING
Hg2600-3	00	SAM	F010356-BS2	20	10/9/2020 13:18:31	5195-1.RAW	1:18:31 PM	2217.23			2179.6	9.716	9.716	ng/L	F010356
Hg2600-3	00	SAM	F010356-BS3	20	10/9/2020 13:22:40	5196-1.RAW	1:22:40 PM	2355.35			2317.7	10.331	10.331	ng/L	F010356
Hg2600-3	00	SAM	F010356-BS4	20	10/9/2020 13:26:50	5197-1.RAW	1:26:50 PM	4649.98			4612.4	20.560	20.560	ng/L	F010356
Hg2600-3	00	SAM	F010356-BS5	10	10/9/2020 13:31:00	5198-1.RAW	1:31:00 PM	9388.51			9350.9	41.681	41.681	ng/L	F010356
Hg2600-3	00	SAM	WS		10/9/2020 13:35:10	5199-1.RAW	1:35:10 PM	74.91			37.3	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F010356-BS6	10	10/9/2020 13:39:20	5200-1.RAW	1:39:20 PM	4409.14			4371.5	19.486	19.486	ng/L	F010356
Hg2600-3	00	SAM	WS		10/9/2020 13:43:29	5201-1.RAW	1:43:29 PM	57.54			19.9	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F010356-BS7	10	10/9/2020 13:47:39	5202-1.RAW	1:47:39 PM	4673.04			4635.4	20.662	20.662	ng/L	F010356
Hg2600-3	00	SAM	WS		10/9/2020 13:51:48	5203-1.RAW	1:51:48 PM	55.24			17.6	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F010356-BS8	10	10/9/2020 13:55:58	5204-1.RAW	1:55:58 PM	8921.02			9283.4	41.381	41.381	ng/L	F010356
Hg2600-3	00	SAM	WS		10/9/2020 14:00:07	5205-1.RAW		67.18			29.6	Error	#VALUE!	ng/L	EXTRA SAMPLES IN BRACKET APPROVED BY MGS
Hg2600-3	00	CAL	SEQ-CCV3	1	10/9/2020 14:04:17	5206-1.RAW	2:00:07 PM	1239.02			1201.4	5.355	5.355	ng/L	
Hg2600-3	00	CAL	SEQ-CCB3	1	10/9/2020 14:08:26	5207-1.RAW	2:04:17 PM	58.42			20.8	0.093	0.093	ng/L	
Hg2600-3	00	SAM	F009422-BS1	20	10/9/2020 14:12:36	5208-1.RAW	2:08:26 PM	3591.86			3554.3	15.481	15.481	ng/L	F009422
Hg2600-3	00	SAM	F009422-BSD1	20	10/9/2020 14:16:46	5209-1.RAW	2:12:36 PM	4028.96			3991.4	17.429	17.429	ng/L	F009422
Hg2600-3	00	BLK	F009422-BLK1	10	10/9/2020 14:20:55	5210-1.RAW	2:16:45 PM	128.34			90.7	0.404	0.404	ng/L	F009422
Hg2600-3	00	BLK	F009422-BLK2	10	10/9/2020 14:25:04	5211-1.RAW	2:20:55 PM	102.44			64.8	0.289	0.289	ng/L	F009422
Hg2600-3	00	BLK	F009422-BLK3	10	10/9/2020 14:29:14	5212-1.RAW	2:25:04 PM	369.86			332.3	1.481	1.481	ng/L	F009422
Hg2600-3	00	SAM	0I00073-AX	50	10/9/2020 14:33:23	5213-1.RAW	2:29:14 PM	3451.19			3413.6	15.071	15.071	ng/L	F009422
Hg2600-3	00	SAM	F009422-MS1	400	10/9/2020 14:37:33	5214-1.RAW	2:33:23 PM	2716.15			2678.5	11.921	11.921	ng/L	F009422
Hg2600-3	00	SAM	F009422-MSD1	400	10/9/2020 14:41:43	5215-1.RAW	2:37:38 PM	2496.81			2459.2	10.944	10.944	ng/L	F009422
Hg2600-3	00	SAM	0I00073-AY	50	10/9/2020 14:45:52	5216-1.RAW	2:41:43 PM	9224.83			9187.2	40.807	40.807	ng/L	F009422
Hg2600-3	00	SAM	F009422-MS2	400	10/9/2020 14:50:02	5217-1.RAW	2:45:52 PM	2645.77			2608.2	11.608	11.608	ng/L	F009422
Hg2600-3	00	CAL	SEQ-CCV4	1	10/9/2020 14:54:12	5218-1.RAW	2:50:02 PM	1283.23			1245.6	5.552	5.552	ng/L	
Hg2600-3	00	CAL	SEQ-CCB4	1	10/9/2020 14:58:22	5219-1.RAW	2:54:12 PM	50.08			12.5	0.056	0.056	ng/L	
Hg2600-3	00	SAM	F009422-MSD2	400	10/9/2020 15:02:32	5220-1.RAW	2:58:22 PM	2703.97			2666.4	11.867	11.867	ng/L	F009422
Hg2600-3	00	SAM	0I00073-AW	50	10/9/2020 15:06:42	5221-1.RAW	3:02:32 PM	239.43			201.8	0.755	0.755	ng/L	F009422
Hg2600-3	00	SAM	0I00073-AZ	50	10/9/2020 15:10:53	5222-1.RAW	3:06:42 PM	2052.31			2014.7	8.836	8.836	ng/L	F009422

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	SAM	0100073-BA	50	10/9/2020 15:15:02	5223-1.RAW	3:15:02 PM	2133.90	3		2096.3	9.199	459.962	ng/L	F009422
Hg2600-3	00	SAM	0100073-BB	50	10/9/2020 15:18:12	5224-1.RAW	3:18:12 PM	4034.88	3		3997.3	17.673	883.638	ng/L	F009422
Hg2600-3	00	SAM	0100073-BC	50	10/9/2020 15:23:22	5225-1.RAW	3:23:22 PM	1769.13	3		1731.5	7.573	378.663	ng/L	F009422
Hg2600-3	00	SAM	0100073-BD	50	10/9/2020 15:27:31	5226-1.RAW	3:27:31 PM	5437.39	3		5399.8	23.924	1196.221	ng/L	F009422
Hg2600-3	00	SAM	0100073-BE	50	10/9/2020 15:31:41	5227-1.RAW	3:31:41 PM	2100.81	3		2063.2	9.052	452.587	ng/L	F009422
Hg2600-3	00	SAM	0100073-BF	50	10/9/2020 15:35:50	5228-1.RAW	3:35:50 PM	2335.05	3		2297.4	10.096	504.791	ng/L	F009422
Hg2600-3	00	SAM	0100073-BG	50	10/9/2020 15:40:00	5229-1.RAW	3:40:00 PM	2711.17	3		2673.6	11.772	588.619	ng/L	F009422
Hg2600-3	00	CAL	SEQ-CCV5	1	10/9/2020 15:48:24	5231-1.RAW	3:48:24 PM	1260.39			1222.8	5.451	5.451	ng/L	
Hg2600-3	00	CAL	SEQ-CCB5	1	10/9/2020 15:52:33	5232-1.RAW	3:52:33 PM	50.28			12.7	0.056	0.056	ng/L	
Hg2600-3	00	SAM	0100073-BH	50	10/9/2020 15:56:43	5233-1.RAW	3:56:43 PM	3955.89	3		3358.3	14.825	741.225	ng/L	F009422
Hg2600-3	00	SAM	0100073-BI	50	10/9/2020 16:00:53	5234-1.RAW	4:00:53 PM	3822.731878	3		3785.1	16.727	836.357	ng/L	F009422
Hg2600-3	00	SAM	0100073-BJ	50	10/9/2020 16:05:02	5235-1.RAW	4:05:02 PM	2603.64	3		2568.0	11.302	565.098	ng/L	F009422
Hg2600-3	00	SAM	0100073-BK	50	10/9/2020 16:09:12	5236-1.RAW	4:09:12 PM	5063.15	3		5025.5	22.256	1112.812	ng/L	F009422
Hg2600-3	00	SAM	0100073-BL	50	10/9/2020 16:13:22	5237-1.RAW	4:13:22 PM	3231.12	3		3193.5	14.090	704.503	ng/L	F009422
Hg2600-3	00	SAM	0100073-BM	50	10/9/2020 16:17:31	5238-1.RAW	4:17:31 PM	3095.35	3		3057.7	13.485	674.241	ng/L	F009422
Hg2600-3	00	SAM	WS		10/9/2020 16:21:41	5239-1.RAW	4:21:41 PM	50.99			13.4	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/9/2020 16:25:51	5240-1.RAW	4:25:51 PM	37.96			0.4	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/9/2020 16:30:00	5241-1.RAW	4:30:00 PM	30.66			-6.9	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	SEQ-CCV6	1	10/9/2020 16:34:10	5242-1.RAW	4:34:10 PM	26.91			-10.7	Error	#VALUE!	ng/L	
Hg2600-3	00	CAL	SEQ-CCB6	1	10/9/2020 16:38:20	5243-1.RAW	4:38:20 PM	1211.28			1173.7	5.232	5.232	ng/L	
Hg2600-3	00	CAL	SEQ-CCB6	1			4:38:20 PM	47.41			9.8	0.044	0.044	ng/L	

Page

Sample ID	Local ID	Run#	Blank#	Conc (µg/L)	ME%	Final Conc	Rec%	QA	Raw File	CF RSD%	Blank RSD%	QC Warnings	QC I Run Time	QC I Run Dates	Blank SD	Method	Run#	Run Count	Comment
Blank				0.00	4.79														
WS				37.60	0.00														
WS				37.60	0.00														
SEQ-IBL1	A1	1	1	0.00	0.16														
SEQ-IBL2	A2	1	1	0.00	0.16														
SEQ-IBL3	A3	1	1	0.00	0.18														
SEQ-CAL1	A4	1	1	37.60	0.55														
SEQ-CAL2	A5	1	1	37.60	0.98														
SEQ-CAL3	A6	1	1	37.60	4.98														
SEQ-CAL4	A7	1	1	37.60	19.41	109.17													
SEQ-CAL5	A8	1	1	37.60	39.34	95.83													
SEQ-ICV1	A9	1	1	37.60	5.46	99.35													
SEQ-ICB1	A10	1	1	37.60	0.13	109.26													
WS				37.60	0.00	0.00													
WS				37.60	0.00														
WS				37.60	0.15														
WS				37.60	0.20														
WS				37.60	0.13														
WS				37.60	0.12														
WS				37.60	0.13														
WS				37.60	0.12														
WS				37.60	0.00														
WS				37.60	0.00														
WS				37.60	5.15	102.98													
WS				37.60	0.02	0.00													
WS				37.60	0.03														
WS				37.60	0.03														
WS				37.60	0.02														
WS				37.60	5.15	103.04													
WS				37.60	0.05	0.00													
WS				37.60	413.44														
WS				37.60	194.31														
WS				37.60	206.63														
WS				37.60	411.19														
WS				37.60	416.81														
WS				37.60	0.17														
WS				37.60	194.86														
WS				37.60	0.09														
WS				37.60	208.82														
WS				37.60	0.08														
WS				37.60	413.81														
WS				37.60	0.13														
WS				37.60	5.96	107.11													
WS				37.60	0.09	0.00													
WS				37.60	316.86														
WS				37.60	363.83														
WS				37.60	4.04														
WS				37.60	2.89														
WS				37.60	14.81														
WS				37.60	760.80														
WS				37.60	4775.81														
WS				37.60	4384.73														
WS				37.60	2047.59														
WS				37.60	4650.33														
WS				37.60	5.55														
WS				37.60	0.06														
WS				37.60	4754.10														

EXTRA SAMPLES IN BRACKET APPROVED BY MGS

0100073-AW	C8	50	37.60	44.98	5221-1.RAW	15:06:42	239.43	Sample	OK	1
0100073-AZ	C8	50	37.60	449.02	5222-1.RAW	15:10:53	2052.31	Sample	OK	1
0100073-BA	C10	50	37.60	467.21	5223-1.RAW	15:15:02	2133.90	Sample	OK	1
0100073-BB	C11	50	37.60	890.89	5224-1.RAW	15:18:12	4034.88	Sample	OK	1
0100073-BC	C12	50	37.60	385.81	5225-1.RAW	15:23:22	1769.13	Sample	OK	1
0100073-BD	C13	50	37.60	1203.47	5226-1.RAW	15:27:31	5437.39	Sample	OK	1
0100073-BE	C14	50	37.60	459.84	5227-1.RAW	15:31:41	2100.81	Sample	OK	1
0100073-BF	C15	50	37.60	512.04	5228-1.RAW	15:36:50	2335.05	Sample	OK	1
0100073-BG	C16	50	37.60	596.87	5229-1.RAW	15:40:00	2711.17	Sample	OK	1
SEQ-CCV5	C17	1	37.60	5.46	5230-1.RAW	15:44:10	1260.39	Sample	OK	1
SEQ-CCB5	C18	1	37.60	0.06	5231-1.RAW	15:48:24	50.26	Sample	OK	1
0100073-BH	C19	50	37.60	748.47	5232-1.RAW	15:52:33	3395.89	Sample	OK	1
0100073-BI	C20	50	37.60	843.60	5233-1.RAW	15:56:43	3622.73	Sample	OK	1
0100073-BJ	C21	50	37.60	572.35	5234-1.RAW	16:00:53	2605.64	Sample	OK	1
0100073-BK	A1	50	37.60	1120.06	5235-1.RAW	16:05:02	5063.15	Sample	OK	1
0100073-BL	A2	50	37.60	711.75	5236-1.RAW	16:09:12	3231.12	Sample	OK	1
0100073-BM	A3	50	37.60	681.49	5237-1.RAW	16:13:22	3095.35	Sample	OK	1
WS				0.06	5238-1.RAW	16:17:31	50.99	Sample	OK	1
WS				0.00	5239-1.RAW	16:21:41	37.98	Sample	OK	1
WS				0.00	5240-1.RAW	16:25:51	30.66	Sample	OK	1
WS				0.00	5241-1.RAW	16:30:00	26.91	Sample	OK	1
SEQ-CCV6	A8	1	37.60	5.23	5242-1.RAW	16:34:10	1211.28	Sample	OK	1
SEQ-CCB6	A9	1	37.60	0.04	5243-1.RAW	16:38:20	47.41	Sample	OK	1
WS				0.00	5244-1.RAW	16:42:29	29.49	Sample	OK	1
WS				0.00	5245-1.RAW	16:46:39	26.27	Sample	OK	1
WS				0.00	5246-1.RAW	16:50:49	30.45	Sample	OK	1
WS				0.00	5247-1.RAW	16:54:58	28.50	Sample	OK	1
WS				0.00	5248-1.RAW	16:59:08	26.91	Sample	OK	1
WS				0.00	5249-1.RAW	17:03:18	23.19	Sample	OK	1
WS				0.00	5250-1.RAW	17:07:27	29.58	Sample	OK	1
WS				0.00	5251-1.RAW	17:11:37	24.60	Sample	OK	1
WS				0.00	5252-1.RAW	17:15:46	19.90	Sample	OK	1
WS				0.00	5253-1.RAW	17:19:56	23.74	Sample	OK	1
WS				0.00	5254-1.RAW	17:24:06	22.83	Sample	OK	1
WS				0.00	5255-1.RAW	17:28:15	24.43	Sample	OK	1
WS				0.00	5256-1.RAW	17:32:25	19.80	Sample	OK	1
WS				0.00	5257-1.RAW	17:36:34	24.67	Sample	OK	1
WS				0.00	5258-1.RAW	17:40:44	21.21	Sample	OK	1
WS				0.00	5259-1.RAW	17:44:53	24.15	Sample	OK	1
WS				0.00	5260-1.RAW	17:49:03	22.87	Sample	OK	1
WS				0.00	5261-1.RAW	17:53:13	19.71	Sample	OK	1
WS				0.00	5262-1.RAW	17:57:23	18.18	Sample	OK	1
WS				0.00	5263-1.RAW	18:01:32	17.62	Sample	OK	1
WS				0.00	5264-1.RAW	18:05:42	11.81	Sample	OK	1

ANALYSIS SEQUENCE

0J13017



QUALITY ASSURANCE

PEER REVIEWED


INITIALS: *PKS*

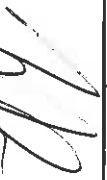
Analyzed: 10/12/20

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0113017-ABL1	QC	1			
0113017-CAL1	QC	2	2002026		
0113017-CAL2	QC	3	2002027		
0113017-CAL3	QC	4	2002028		
0113017-CAL4	QC	5	2002029		
0113017-CAL5	QC	6	2002030		
0113017-ICV1	QC	7	2001845		
0113017-ICB1	QC	8			
F009428-BS2	QC	9			
F009428-BSD2	QC	10			
0100073-AXRE2	MHg-CVAFS-S-KOH	11			RR DUE TO CCV FAIL - ZKH 10/5/2020
0100073-AXRE2	MHg-CVAFS-S-KOH-Nutra	12			RR DUE TO CCV FAIL - ZKH 10/5/2020
F009428-MS7	QC	13			
F009428-MSD7	QC	14			
F010342-BS2	QC	15			
F010342-BSD2	QC	16			
F010342-MS3	QC	17			
F010342-MSD3	QC	18			
F010342-MS4	QC	19			
0113017-CCV1	QC	20	2001845		
0113017-CCB1	QC	21			
F010342-MSD4	QC	22			
0113017-CCV2	QC	23	2001845		
0113017-CCB2	QC	24			


 Sample Loaded By _____ Date 10/13/2020


 Data Processed By _____ Date 10/13/2020

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst:	ZKH	Sequence #:	0113017
Reviewer:		Dataset ID #:	MHg27001-201012-1
Date:	10/31/2018	WO #:	
Batch #(s):	F009428, F010342		

• Select the correct preparation method.

Additional Comments:

Analyte	Prep Method	Matrix
<input type="checkbox"/> MHg	SOP2797 MHg Distillation	Water
<input checked="" type="checkbox"/> MHg	SOP2986 KOH/METHOD Digest	Tissue
<input type="checkbox"/> MHg	SOP5134 MeCl Extraction	Sed/Soil
<input type="checkbox"/> DMHg	SOP2816 (None Accredited method)	ALL

Analyst Initials:

ZKH

Reviewer Initials/Date:

RGS

- Compare Sample ID with Bench sheet/Sequence/Raw Data (Have all samples been imported?)
 - YES NO
 - YES NO
- Check for transcription errors from Excel spreadsheet (or Prep Bench sheet)/Raw data
 - (a) Reviewer: 100% of peak heights checked
 - YES NO
 - YES NO
 - (b) Are there peak height errors?
 - YES NO
 - YES NO
 - (c) Error on a sample: Do peak heights, responses, & initial results match corrected data?
 - YES NO
 - YES NO
 - (d) Error on a Cal Pt, ICB/CCB, or PB: Has the data been reimported?
 - YES NO
 - YES NO
 - (e) Check standards & reagents in sequence & bench sheet for correct usage (i.e. expires).
 - YES NO
 - YES NO
 - (f) Check and compare masses (review prep bench sheet)
 - YES NO
 - YES NO
 - (g) Check and compare initial and final volumes
 - YES NO
 - YES NO
 - (h) Do aliquots and dilutions written on benchsheet match those in Excel?
 - YES NO
 - YES NO
 - (i) Is the pH > 3.0 for all distilled samples?
 - YES NO
 - YES NO
 - (j) Is the sequence #, analyst, date, and instrument # on the QC page?
 - YES NO
 - YES NO
 - (k) Is the analysis status correct? (analyzed/initial review/reviewed)
 - YES NO
 - YES NO
 - (l) Original prep bench sheet added to data package?
 - YES NO
 - YES NO
 - (m) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract)
 - YES NO
 - YES NO
- High QA? WO#(s)/Client(s):
 - YES NO
 - YES NO
- Client specific QC? (if Yes, refer to Project Notes/LIMS)
 - (a) Have the QC requirements been met for all WO#s?
 - YES NO
 - YES NO
 - 5. 20 or fewer samples in batch?
 - YES NO
 - YES NO
 - (a) 3 PBs, 1 LCS/LCSD (or BS/BSD), 2 MS/MSD/MD per batch?
 - YES NO
 - YES NO
 - (b) 1 CCV and 1 CCB every 10 analytical runs?
 - YES NO
 - YES NO

QA/QC Data Checked

6. The calibration curve included a minimum of 5 Standards

PASS FAIL N/A

Comments:

7. 1st Calibration Standard % Recoveries (65-135%)

PASS FAIL N/A

Comments:

8. RSD CF (< 15%)

PASS FAIL

Comments:

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst:	ZKH	Sequence #:	0113017
Reviewer:	0	Dataset ID #:	MHg27001-201012-1
Date:		WO #:	0
Batch #(s):	F009428, F010342		

Analyst Initials: ZKH Reviewer Initials/Date: DGS

9. ICV % Recoveries 67-133%
 Comments: PASS FAIL
10. CCV % Recoveries 67-133%
 Comments: PASS FAIL *214 10/13/2020 CCV2 failed due to water dip*
11. Are the absolute value of the ICB and CCBS < PQL?
 Comments: PASS FAIL
12. LCS/LCSD/CRM/BS/BSO % Recoveries (70-130%)
 Comments: PASS FAIL
13. LCS/LCSD or BS/BSO RPD (< 25%)
 Comments: PASS FAIL
14. Water: Average of Preparation Blanks < 0.045 ng/L and standard deviation of 0.015 ng/L?
 Comments: PASS FAIL N/A
15. Sediment/Tissue: Individually, are the Preparation Blanks < PQL for the matrix?
 Comments: PASS FAIL N/A *214 10/13/20*
16. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done)
 YES NO N/A
17. Is the correct 'Source' designated for MD/MS/MSD?
 YES NO
18. For digested preps: was there a spike witness signature & date on the prep bench sheet?
 YES NO N/A
19. MD RPD/MT RSD (< 35%)
 Comments: *N/A*
20. Is there one set of MS/MSD per every 10 samples?
 Comments: PASS FAIL
21. MS/MSD RPD (< 35%)
 Comments: PASS FAIL *214 10/13/2020*
22. MS (AS) % Recoveries (65-130%)
 Comments: PASS FAIL
23. MSD (ASD) % Recoveries (65-130%)
 Comments: PASS FAIL
24. Spiked 1-5X ambient or 1-5X PQL (whichever is higher) (from EPA 1630)
 Comments: YES NO YES NO
25. Are all samples within instrument calibration range (or at maximum aliquot size)?
 Comments: YES NO
26. For instrumental dilutions, is the dilution factor in excel correct?
 Comments: PASS NO PASS NO N/A N/A
27. Dissolved < Total metals (if applicable)
 Comments: PASS NO N/A N/A
28. Effluent < Influent metals (visually confirm if needed)
 Comments: PASS NO N/A

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst:	ZKH	Sequence #:	0113017
Reviewer:	0	Dataset ID #:	MHg27001-201012-1
Date:		WO #:	0
Batch #(s):	F009428, F010342		

Analyst Initials: ZKH **Reviewer Initials/Date:** PCS

29. Are re-runs noted with reason? YES NO N/A

Comments: _____

30. For failing QC (CCV, CCB, PB, BS/BSD, CAL): YES NO N/A

Was a bubbler and trap test run before the analytical run continued?

Comments: _____

31. Do re-run results compare to initial analysis (< 35% RPD)? YES NO N/A

Comments: _____

32. Are qualifiers consistent with the data review flowcharts? YES NO N/A

Comments: _____

33. Have non-reportable samples been imported into LIMS and clicked to non-reportable? YES NO N/A

Comments: _____

34. Have re-extracts been created for non-reportable samples? YES NO N/A

35. Narrations in MMO box in LIMS?

Comments: _____

36. Are there any HIGH QA projects within the data? YES NO N/A

If so, place dataset to the QA office.

37. Does the data set need scanning? YES NO N/A

Files located at: \\Cuprum\gen admin\Quality Assurance\Training Master\DOCs

38. Date of analyst IDOC/CDOC: _____ IDOC/CDOC within last 12 months? YES NO N/A

39. Date of analyst's SOP reading: _____ Current SOP revision? YES NO N/A

40. Date of LOD: 8/14/2020 LOD within last 3 months (within 12 months for MDN)? YES NO N/A

41. Date of LOQ: 8/14/2020 LOQ within last 3 months (within 12 months for MDN)? YES NO N/A

42. If MDN samples, date of last MDL study: _____ YES NO N/A


43. MDL study within last 12 months? YES NO N/A

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.


Additional Comments: YES NO

Failing Data Report - 0J13017

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD	RPD Limit	Over Cal	Failure	Qualifier
-----------	----------	--------	-----	---------------	------------------	---------------	-------	--------	-------------	-------------	-----	--------------	----------	---------	-----------


Analyst Reviewed By

10/13/2020
Date


Peer Reviewed By

Date

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009428-BLK1	Blank	0.25	20					
F009428-BLK2	Blank	0.25	20					
F009428-BLK3	Blank	0.25	20					
F009428-BS1	LCS	0.2783	20	1905023	278.3			
F009428-BS2	LCS	0.2783	20	1905023	278.3			RR BS1/BSD1 - ZKH 10/6/2020
F009428-BSD1	LCS Dup	0.2545	20	1905023	259.9			
F009428-BSD2	LCS Dup	0.2599	20	1905023	259.9			RR BS1/BSD1 - ZKH 10/6/2020
F009428-MS1	Matrix Spike [0I00073-AX]	0.2594	20	2002023	100			
F009428-MS2	Matrix Spike [0I00084-01]	0.2685	20	2002023	100			
F009428-MS3	Matrix Spike [0I00073-AXRE1]	0.2594	20	2002023	100			RR MS1/MSD1, CCV FAIL - ZKH 10/5/2020
F009428-MS4	Matrix Spike [0I00084-01RE1]	0.2685	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MS6	Matrix Spike [0I00084-01RE2]	0.2685	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MS7	Matrix Spike [0I00073-AXRE2]	0.2594	20	2002023	100			Rerun MS/MSD5 for CCV Failure
F009428-MSD1	Matrix Spike Dup [0I00073-AX]	0.2687	20	2002023	100			
F009428-MSD2	Matrix Spike Dup [0I00084-01]	0.2697	20	2002023	100			
F009428-MSD3	Matrix Spike Dup [0I00073-AXRE1]	0.2687	20	2002023	100			RR MS1/MSD1, CCV FAIL - ZKH 10/5/2020
F009428-MSD4	Matrix Spike Dup [0I00084-01RE1]	0.2697	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MSD5	Matrix Spike Dup [0I00073-AXRE1]	0.2687	20	2002023	100			RR MSD1, CCV FAIL - ZKH 10/5/2020
F009428-MSD6	Matrix Spike Dup [0I00084-01RE2]	0.2697	20	2002023	100			RR MS2/MSD2, CCV FAIL - ZKH 10/5/2020
F009428-MSD7	Matrix Spike Dup [0I00073-AXRE2]	0.2687	20	2002023	100			Rerun MS/MSD5 for CCV Failure

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

<u>Standard ID(s):</u>	<u>Description:</u>	<u>Expiration:</u>	<u>Reagent ID(s):</u>	<u>Description:</u>	<u>Expiration:</u>
1905023	DORM-4	01-Jun-21 00:00	2000603	Methanol, HPLC Grade	31-Oct-24 00:00
		01-Jun-21 00:00	2002021	Acetate Buffer	19-Feb-21 00:00
2002023	MHg New Primary 100 ng/mL spike	24-Aug-21 00:00	2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002191	Ethylating Agent (For Methyl Mercury Analysis)	09-Dec-20 00:00
			2002300	25% KOH/Methanol	28-Mar-21 00:00
			2002309	2.5% Ascorbic Acid	08-Oct-20 00:00
			2002391		14-Oct-20 00:00

PREPARATION BENCH SHEET

F009428

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0I00073-AP	W-61-Low_092020_SED_01-03	0.2582	20	-	-	S&R		
0I00073-AR	W-61-Mid_092020_SED_00-01	0.2616	20	-	-	S&R		
0I00073-AS	W-61-Mid_092020_SED_01-03	0.2681	20	-	-	S&R		
0I00073-AU	FRB-01_092120_SED_00-01	0.2621	20	-	-	S&R		
0I00073-AV	FRB-01_092120_SED_01-03	0.2694	20	-	-	S&R		
0I00073-AX	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R	MS/MSD	
0I00073-AXRE1	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R	MS/MSD Added 10/5/2020 by ZKH	RR DUE TO CCV FAIL - ZKH 10/5/2020
0I00073-AXRE2	MM-T2-C3_092120_SED_01-03	0.2545	20	QC	-	S&R	MS/MSD RR DUE TO CCV FAIL - ZK	RR DUE TO CCV FAIL - ZKH 10/5/2020
0I00073-AZ	MM-T5-C3_092120_SED_00-01	0.2551	20	-	-	S&R		
0I00073-BA	MM-T5-C3_092120_SED_01-03	0.2546	20	-	-	S&R		
0I00073-BC	W-17-High_092120_SED_00-01	0.2675	20	-	-	S&R		
0I00073-BD	W-17-High_092120_SED_01-03	0.2668	20	-	-	S&R		
0I00073-BF	W-17-Mid_092120_SED_00-01	0.2657	20	-	-	S&R		
0I00073-BG	MM-T1-C2_092120_SED_00-01	0.2653	20	-	-	S&R		
0I00073-BH	MM-T1-C2_092120_SED_01-03	0.2591	20	-	-	S&R		
0I00073-BJ	W-17-Mid_092120_SED_01-03	0.2687	20	-	-	S&R		
0I00084-01	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON BatchQC	Added for BatchQC in: F009428
0I00084-01RE1	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON Added 10/5/2020 by	RR DUE TO CCV FAIL - ZKH 10/5/2020
0I00084-01RE2	468-2020-09240141	0.2555	20	-	-	251201	221177 SALMON RR DUE TO CCV F	RR, CCV FAIL - ZKH 10/5/2020

Due Date: 10/9/2020

PREPARATION BENCH SHEET

F009428

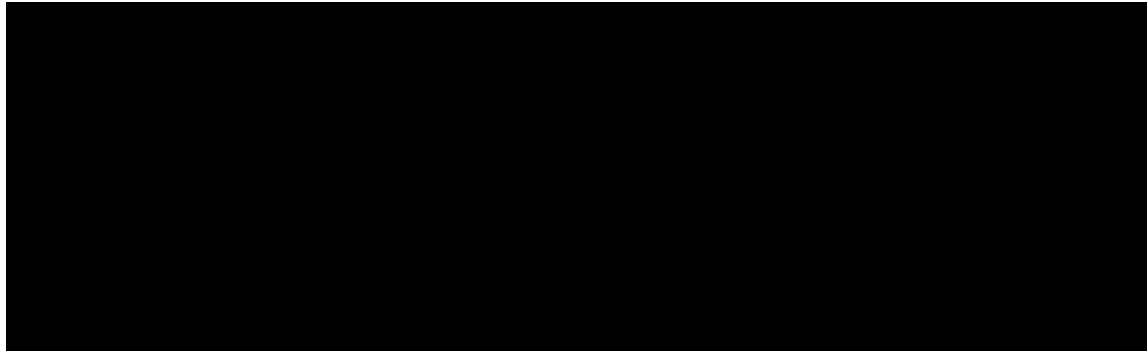
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 9/30/2020

0I00084-02	468-2020-09240142	0.2551	20	-	-	251201	221177 SALMON	
0I00084-02RE1	468-2020-09240142	0.2551	20	-	-	251201	221177 SALMON Added 10/5/2020 by	RR IN SAME ANLY RUN - ZKH 10/5/2020
0I00084-02RE2	468-2020-09240142	0.2551	20	-	-	251201	221177 SALMON RR IN SAME ANLY	RR, CCV FAIL - ZKH 10/5/2020
0I00084-03	468-2020-09240143	0.2609	20	-	-	251201	221177 SALMON	
0I00084-03RE1	468-2020-09240143	0.2609	20	-	-	251201	221177 SALMON Added 10/5/2020 by	RR IN SAME ANLY RUN - ZKH 10/5/2020
0I00084-03RE2	468-2020-09240143	0.2609	20	-	-	251201	221177 SALMON RR IN SAME ANLY	RR, CCV FAIL - ZKH 10/5/2020
0I00085-01	468-2020-09240154	0.254	20	-	-	251201	221177 SALMON	
0I00086-01	468-2020-09240155	0.2625	20	-	-	251201	122359 ORANGE ROUGHY	
0I00099-01	888-2020-08310699	0.2645	20	-	-	010104	Tocoblend SD 30 IP	



PREPARATION BENCH SHEET

F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/7/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0I00073-48	OV-01_091820_SED_00-01	0.2567	20	-	-	S&R		
0I00073-49	OV-01_091820_SED_01-03	0.263	20	-	-	S&R		
0I00108-01	SR-SPT05-TI	0.0656	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0I00108-02	TM-SPT01-TI	0.0554	10	-	-	eezer 23		
0I00108-03	TM-SPT02-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0I00108-04	DUP01-SPT-TI	0.0439	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0I00108-05	MS01-SPT-TI	0.0508	10	-	-	eezer 23		SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0I00109-01	468-2020-09290366	0.2679	20	-	-	010104	801 159 G BatchQC	Added for BatchQC in: F010342
0I00109-02	468-2020-09290367	0.26	20	-	-	010104	801 159 G	
0I00111-01	464-2020-09250858	0.263	20	-	-	010104	Stability Study #2883 - Ninc SS=5ML1	Added for BatchQC in: F010342
0J00003-01	OL-3563-01	0.0287	10	-	-	i Refrige	Pre weight - 86.7664. Post weight - 87.6	SAMPLE MASS EXHAUSTED - ZKH 10/9/2020
0J00007-01	468-2020-10010205	0.269	20	-	-	140103	1223579 ROANGE ROUGHY	
0J00008-01	468-2020-10010214	0.2652	20	-	-	140103	25551 SHRIMP	
0J00009-01	468-2020-10010226	0.257	20	-	-	140103	77269 AHI	
0J00010-01	468-2020-10010215	0.2538	20	-	-	140103	1259349 20/30 WILD SHRIMP	
0J00010-02	468-2020-10010216	0.2563	20	-	-	140103	1259349 20/30 WILD SHRIMP	
0J00017-01	464-2020-10010778	0.2535	20	-	-	010301	Stability Study #2891 - LiveBiotics lmr	

PREPARATION BENCH SHEET

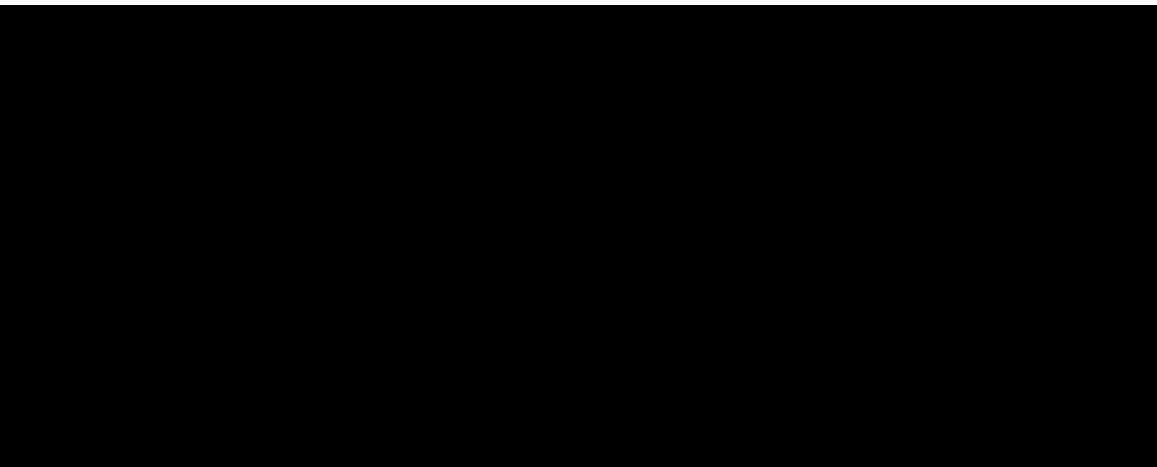
F010342

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/7/2020





Analysis Datasheet for Methyl Mercury in Soil/Tissue

Date of Analysis: October 12, 2020

Instrument #: Hg2700-1

LIMS Sequence #: 0J13017

Analyst:

Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.05 ng/L	8.89 units	177.85	7.61 units	152.29	107.3 %Rec
SEQ-CAL2	1	0.20 ng/L	26.14 units	130.71	24.86 units	124.32	87.6 %Rec
SEQ-CAL3	1	1.00 ng/L	143.94 units	143.94	142.67 units	142.67	100.5 %Rec
SEQ-CAL4	1	2.00 ng/L	303.34 units	151.67	302.06 units	151.03	106.4 %Rec
SEQ-CAL5	1	4.00 ng/L	559.24 units	139.81	557.96 units	139.49	98.3 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF **Corr. St Dev RF** **Corr. RSD CF** **Uncorr. Mean RF**
 141.96 +/- 11.26 7.9% RSD 148.80

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	1	1.28 units		0.01 ng/L	#VALUE!

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	0	0.000 ng/L	
BLK	2	0	0.000 ng/L	
BLK	3	3	0.104 ng/L	±0.097
BLK	4	3	0.042 ng/L	±0.025
BLK	5	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	CAL	SEQ-IBL1	1	10/12/20 12:22	1656-1.RAW	12:22:32	1.28			0.0	0.000	0.000	ng/L	
Hg2700-1	00	CAL	SEQ-CAL1	1	10/12/20 12:32	1657-1.RAW	12:32:48	8.89			7.6	0.054	0.054	ng/L	
Hg2700-1	00	CAL	SEQ-CAL2	1	10/12/20 12:43	1658-1.RAW	12:43:03	26.14			24.9	0.175	0.175	ng/L	
Hg2700-1	00	CAL	SEQ-CAL3	1	10/12/20 12:53	1659-1.RAW	12:53:19	143.94			142.7	1.005	1.005	ng/L	
Hg2700-1	00	CAL	SEQ-CAL4	1	10/12/20 13:03	1660-1.RAW	13:03:34	303.34			302.1	2.128	2.128	ng/L	
Hg2700-1	00	CAL	SEQ-CAL5	1	10/12/20 13:13	1661-1.RAW	13:13:50	559.24			558.0	3.930	3.930	ng/L	
Hg2700-1	00	CAL	SEQ-ICV1	1	10/12/20 13:24	1662-1.RAW	13:24:05	82.32			81.0	0.571	0.571	ng/L	
Hg2700-1	00	CAL	SEQ-ICB1	1	10/12/20 13:34	1663-1.RAW	13:34:21	5.18			3.9	0.027	0.027	ng/L	
Hg2700-1	00	SAM	F009428-BS2	2000	10/12/20 13:44	1664-1.RAW	13:44:37	260.68	1		259.4	1.827	3654.626	ng/L	F009428
Hg2700-1	00	SAM	F009428-BSD2	2000	10/12/20 13:54	1665-1.RAW	13:54:53	287.67	1		286.4	2.017	4034.796	ng/L	F009428
Hg2700-1	00	SAM	0100073-AXRE2	500	10/12/20 14:05	1666-1.RAW	14:05:10	16.79	1		15.5	0.109	54.639	ng/L	F009428
Hg2700-1	00	SAM	F009428-MS7	500	10/12/20 14:15	1667-1.RAW	14:15:26	156.90	1		155.6	1.096	548.136	ng/L	F009428
Hg2700-1	00	SAM	F009428-MSD7	500	10/12/20 14:25	1668-1.RAW	14:25:42	159.02	1		157.7	1.111	555.602	ng/L	F009428
Hg2700-1	00	SAM	F010342-BS2	1000	10/12/20 14:35	1669-1.RAW	14:35:59	336.09	2		334.8	2.359	2358.519	ng/L	F010342
Hg2700-1	00	SAM	F010342-BSD2	1000	10/12/20 14:46	1670-1.RAW	14:46:14	341.02	2		339.7	2.393	2393.273	ng/L	F010342
Hg2700-1	00	SAM	F010342-MS3	500	10/12/20 14:56	1671-1.RAW	14:56:31	16.95	2		15.7	0.110	55.182	ng/L	F010342
Hg2700-1	00	SAM	F010342-MSD3	500	10/12/20 15:06	1672-1.RAW	15:06:46	30.06	2		28.8	0.203	101.368	ng/L	F010342
Hg2700-1	00	SAM	F010342-MS4	500	10/12/20 15:17	1673-1.RAW	15:17:03	6.64	2		5.4	0.038	18.891	ng/L	F010342
Hg2700-1	00	CAL	SEQ-CCV1	1	10/12/20 15:27	1674-1.RAW	15:27:19	67.13			65.8	0.464	0.464	ng/L	
Hg2700-1	00	CAL	SEQ-CCB1	1	10/12/20 15:37	1675-1.RAW	15:37:34	0.00			-1.3	-0.009	-0.009	ng/L	
Hg2700-1	00	SAM	F010342-MSD4	500	10/12/20 15:47	1676-1.RAW	15:47:50	5.91	2		4.6	0.033	16.306	ng/L	F010342
Hg2700-1	00	SAM	F010340-BS1	10	10/12/20 15:58	1677-1.RAW	15:58:05	119.36	3		118.1	0.821	8.214	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 16:08	1678-1.RAW	16:08:21	0.14			-1.1	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 16:18	1679-1.RAW	16:18:37	0.19			-1.1	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 16:28	1680-1.RAW	16:28:54	0.00			-1.3	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	F010340-BSD1	10	10/12/20 16:39	1681-1.RAW	16:39:09	187.33	3		186.0	1.300	13.001	ng/L	
Hg2700-1	00	SAM	F010341-BS1	10	10/12/20 16:49	1682-1.RAW	16:49:25	0.00	4		-1.3	-0.013	-0.132	ng/L	
Hg2700-1	00	SAM	F010341-BSD1	10	10/12/20 16:59	1683-1.RAW	16:59:42	37.77	4		36.5	0.253	2.529	ng/L	
Hg2700-1	00	BLK	F010340-BLK1	1	10/12/20 17:09	1684-1.RAW	17:09:58	31.82	3		30.5	0.215	0.215	ng/L	
Hg2700-1	00	BLK	F010340-BLK2	1	10/12/20 17:20	1685-1.RAW	17:20:14	6.37	3		5.1	0.036	0.036	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 17:31	1686-1.RAW	17:31:39	10.89			9.6	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 17:41	1687-1.RAW	17:41:55	6.95			5.7	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 17:52	1688-1.RAW	17:52:11	6.46			5.2	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:02	1689-1.RAW	18:02:27	3.71			2.4	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:12	1690-1.RAW	18:12:43	3.15			1.9	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:22	1691-1.RAW	18:22:59	9.27			8.0	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:33	1692-1.RAW	18:33:16	6.96			5.7	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:43	1693-1.RAW	18:43:32	2.90			1.6	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 18:53	1694-1.RAW	18:53:48	8.88			7.6	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 0:00						-1.3	Error	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-CCV2	1	10/12/20 19:04	1696-1.RAW	19:04:24	24.49			23.2	0.164	0.164	ng/L	
Hg2700-1	00	CAL	SEQ-CCB2	1	10/12/20 19:14	1697-1.RAW	19:14:40	4.48			3.2	0.023	0.023	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 19:24	1698-1.RAW	19:24:57	3.18			1.9	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 19:35	1699-1.RAW	19:35:13	1.62			0.3	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 19:45	1700-1.RAW	19:45:29	7.52			6.2	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 19:55	1701-1.RAW	19:55:45	1.20			-0.1	Error	#VALUE!	ng/L	

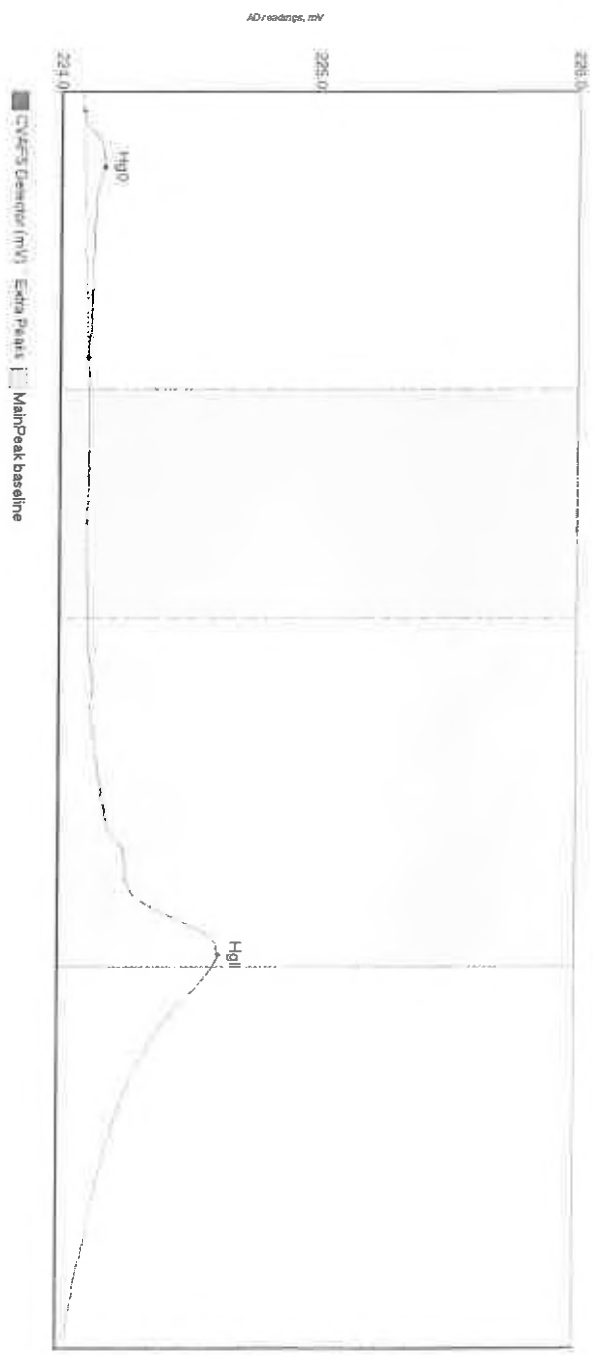
Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	WS	1	10/12/20 20:06	1702-1.RAW	20:06:02	2.81			1.5	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 20:16	1703-1.RAW	20:16:18	3.45			2.2	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 20:26	1704-1.RAW	20:26:34	0.65			-0.6	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 20:36	1705-1.RAW	20:36:50	1.34			0.1	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 20:47	1706-1.RAW	20:47:06	3.16			1.9	Error	#VALUE!	ng/L	
Hg2700-1	00	SAM	WS	1	10/12/20 20:57	1707-1.RAW	20:57:22	0.00			-1.3	Error	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-CCV3	1	10/12/20 21:07	1708-1.RAW	21:07:39	46.07			44.8	0.316	0.316	ng/L	
Hg2700-1	00	CAL	SEQ-CCB3	1	10/12/20 21:17	1709-1.RAW	21:17:55	2.54			1.3	0.009	0.009	ng/L	
Hg2700-1	00	BLK	F010341-BLK1	1	10/12/20 21:28	1710-1.RAW	21:28:12	5.60	4		4.3	0.030	0.030	ng/L	
Hg2700-1	00	BLK	F010341-BLK2	1	10/12/20 21:38	1711-1.RAW	21:38:29	11.36	4		10.1	0.071	0.071	ng/L	
Hg2700-1	00	BLK	F010341-BLK3	1	10/12/20 21:48	1712-1.RAW	21:48:45	4.84	4		3.6	0.025	0.025	ng/L	
Hg2700-1	00	SAM	0100044-01RE1	500	10/12/20 21:59	1713-1.RAW	21:59:02	19.72	3		18.4	0.130	64.847	ng/L	
Hg2700-1	00	SAM	F010340-MS1	500	10/12/20 22:09	1714-1.RAW	22:09:18	24.27	3		23.0	0.162	80.864	ng/L	
Hg2700-1	00	SAM	F010340-MSD1	500	10/12/20 22:19	1715-1.RAW	22:19:35	24.64	3		23.4	0.164	82.172	ng/L	
Hg2700-1	00	SAM	0100044-02RE1	500	10/12/20 22:29	1716-1.RAW	22:29:51	29.67	3		28.4	0.200	99.907	ng/L	
Hg2700-1	00	SAM	F010340-MS2	500	10/12/20 22:40	1717-1.RAW	22:40:08	31.99	3		30.7	0.216	108.062	ng/L	
Hg2700-1	00	SAM	F010340-MSD2	500	10/12/20 22:50	1718-1.RAW	22:50:24	20.43	3		19.1	0.135	67.336	ng/L	
Hg2700-1	00	SAM	0100068-01	1	10/12/20 23:00	1719-1.RAW	23:00:41	0.00	4		-1.3	-0.051	-0.051	ng/L	
Hg2700-1	00	CAL	SEQ-CCV3	1	10/12/20 23:10	1720-1.RAW	23:10:57	45.08			43.8	0.309	0.309	ng/L	
Hg2700-1	00	CAL	SEQ-CCB3	1	10/12/20 23:21	1721-1.RAW	23:21:13	35.02			33.7	0.238	0.238	ng/L	
Hg2700-1	00	SAM	F010341-MS1	10	10/12/20 23:31	1722-1.RAW	23:31:30	19.75	4		18.5	0.126	1.259	ng/L	
Hg2700-1	00	SAM	F010341-MSD1	10	10/12/20 23:41	1723-1.RAW	23:41:48	18.62	4		17.3	0.118	1.180	ng/L	
Hg2700-1	00	SAM	0100044-03RE1	500	10/12/20 23:52	1724-1.RAW	23:52:05	11.75	3		10.5	0.074	36.781	ng/L	
Hg2700-1	00	SAM	0100044-04RE1	500	10/12/20 0:02	1725-1.RAW	0:02:21	12.48	3		11.2	0.079	39.361	ng/L	
Hg2700-1	00	SAM	0100044-05RE1	500	10/12/20 0:12	1726-1.RAW	0:12:38	4.78	3		3.5	0.024	12.244	ng/L	
Hg2700-1	00	SAM	0100044-06RE1	500	10/12/20 0:22	1727-1.RAW	0:22:55	5.00	3		3.7	0.026	13.002	ng/L	
Hg2700-1	00	SAM	0100044-07RE1	500	10/12/20 0:33	1728-1.RAW	0:33:12	5.60	3		4.3	0.030	15.126	ng/L	
Hg2700-1	00	SAM	0100044-08RE1	500	10/12/20 0:43	1729-1.RAW	0:43:29	7.92	3		6.6	0.047	23.303	ng/L	
Hg2700-1	00	SAM	0100044-09RE1	500	10/12/20 0:53	1730-1.RAW	0:53:46	5.52	3		4.2	0.030	14.819	ng/L	
Hg2700-1	00	SAM	0100044-10RE1	500	10/12/20 1:04	1731-1.RAW	1:04:03	5.62	3		4.3	0.030	15.174	ng/L	
Hg2700-1	00	CAL	SEQ-CCV4	1	10/12/20 1:14	1732-1.RAW	1:14:20	10.01			8.7	0.061	0.061	ng/L	
Hg2700-1	00	CAL	SEQ-CCB4	1	10/12/20 1:24	1733-1.RAW	1:24:37	7.07			5.8	0.041	0.041	ng/L	
Hg2700-1	00	SAM	0100044-11RE1	500	10/12/20 1:34	1734-1.RAW	1:34:53	7.52	3		6.2	0.044	21.878	ng/L	
Hg2700-1	00	SAM	0100044-12RE1	500	10/12/20 1:45	1735-1.RAW	1:45:10	11.68	3		10.4	0.073	36.549	ng/L	
Hg2700-1	00	SAM	0100044-13RE1	500	10/12/20 1:55	1736-1.RAW	1:55:27	8.07	3		6.8	0.048	23.807	ng/L	
Hg2700-1	00	SAM	0100044-14RE1	500	10/12/20 2:05	1737-1.RAW	2:05:44	24.19	3		22.9	0.161	80.606	ng/L	
Hg2700-1	00	SAM	0100044-15RE1	500	10/12/20 2:16	1738-1.RAW	2:16:00	17.92	3		16.6	0.117	58.526	ng/L	
Hg2700-1	00	SAM	0100044-16RE1	500	10/12/20 2:26	1739-1.RAW	2:26:16	10.30	3		9.0	0.063	31.689	ng/L	
Hg2700-1	00	SAM	0100044-17RE1	500	10/12/20 2:36	1740-1.RAW	2:36:33	14.00	3		12.7	0.089	44.687	ng/L	
Hg2700-1	00	SAM	0100044-18RE1	500	10/12/20 2:46	1741-1.RAW	2:46:50	14.09	3		12.8	0.090	45.004	ng/L	
Hg2700-1	00	SAM	0100044-19RE1	500	10/12/20 2:57	1742-1.RAW	2:57:07	27.02	3		25.7	0.181	90.550	ng/L	
Hg2700-1	00	SAM	0100044-20RE1	500	10/12/20 3:07	1743-1.RAW	3:07:23	0.70	3		-0.6	-0.004	-2.138	ng/L	
Hg2700-1	00	CAL	SEQ-CCV5	1	10/12/20 3:17	1744-1.RAW	3:17:40	21.71			20.4	0.144	0.144	ng/L	
Hg2700-1	00	CAL	SEQ-CCB5	1	10/12/20 3:27	1745-1.RAW	3:27:57	24.46			23.2	0.163	0.163	ng/L	
Hg2700-1	00	SAM	0100068-02	1	10/12/20 3:38	1746-1.RAW	3:38:14	13.22	4		11.9	0.042	0.042	ng/L	
Hg2700-1	00	SAM	0100074-01	1	10/12/20 3:48	1747-1.RAW	3:48:31	14.55	4		13.3	0.051	0.051	ng/L	
Hg2700-1	00	SAM	0100074-02	1	10/12/20 3:58	1748-1.RAW	3:58:48	19.44	4		18.2	0.086	0.086	ng/L	
Hg2700-1	00	SAM	0100083-01	1	10/12/20 4:09	1749-1.RAW	4:09:05	0.00	4		-1.3	-0.051	-0.051	ng/L	
Hg2700-1	00	CAL	SEQ-CCV6	1	10/12/20 4:19	1750-1.RAW	4:19:22	17.03			15.8	0.111	0.111	ng/L	
Hg2700-1	00	CAL	SEQ-CCB6	1	10/12/20 4:29	1751-1.RAW	4:29:38	8.00			6.7	0.047	0.047	ng/L	
Hg2700-1	00	BLK	F010340-BLK3	1	10/12/20 4:39	1752-1.RAW	4:39:54	10.10	3		8.8	0.062	0.062	ng/L	
Hg2700-1	00	CAL	SEQ-CCV7	1	10/12/20 4:50	1753-1.RAW	4:50:11	3.89			2.6	0.018	0.018	ng/L	
Hg2700-1	00	CAL	SEQ-CCB7	1	10/12/20 5:00	1754-1.RAW	5:00:28	6.45			5.2	0.036	0.036	ng/L	

BATCH ID	SAMPLE ID	LOC	RACK	CHK	D.F.	LOC
F009428	F009428-BS2	B1			2000	
F009428	F009428-BSD2	B2			2000	
F009428	0100043-AXRE1	B3			500 WS	A1
F009428	F009428-MS7	B4			500 PRIMER	A2
F009428	F009428-MSD7	B5			500 PRIMER	A3
F010342	F010342-BS2	B6			1000 HIGH PRIMER	A4
F010342	F010342-BSD2	B7			1000 HIGH PRIMER	A5
F010342	F010342-MS3	B8			500 PRIMER	A6
F010342	F010342-MSD3	B9			500 WS	A7
F010342	F010342-MS4	B10			500 WS	A8
	SEQ-CCV1	B11			1 SEQ-IBL1	A9
	SEQ-CCB1	B12			1 SEQ-CAL1	A10
F010342	F010342-MSD4	B13			500 SEQ-CAL2	A11
F010340	F010340-BS1	B14			10 SEQ-CAL3	A12
F010340	F010340-BSD1	B15			10 SEQ-CAL4	A13
F010341	F010341-BS1	B16			10 SEQ-CAL5	A14
F010341	F010341-BSD1	B17			10 SEQ-ICV1	A15
F010340	F010340-BLK2	B18			1 SEQ-ICB1	A16
F010340	F010340-BLK2	B19			1	
F010341	F010341-BLK1	B20			1	
F010341	F010341-BLK2	B21			1 WRITTEN BY	
F010341	F010341-BLK3	C1			1 ARRANGED BY	
	SEQ-CCV2	C2			1 RACK VERIFICATION	
	SEQ-CCB2	C3			1	
F010340	0100044-01RE1	C4			500	
F010340	F010340-MS1	C5			500	
F010340	F010340-MSD1	C6			500	
F010340	0100044-02RE1	C7			500	
F010340	F010340-MS2	C8			500	
F010340	F010340-MSD2	C9			500	
F010341	0100068-01	C10			1	
F010341	F010341-MS1	C11			10	
F010341	F010341-MSD1	C12			10	
	SEQ-CCV3	C13			1	
	SEQ-CCB3	C14			1	
F010340	0100044-03RE1	C15			500	
F010340	0100044-04RE1	C16			500	
F010340	0100044-05RE1	C17			500	
F010340	0100044-06RE1	C18			500	
F010340	0100044-07RE1	C19			500	
F010340	0100044-08RE1	C20			500	
F010340	0100044-09RE1	C21			500	
F010340	0100044-10RE1	A1			500	
F010340	0100044-11RE1	A2			500	
F010340	0100044-12RE1	A3			500	
	SEQ-CCV4	A4			1	

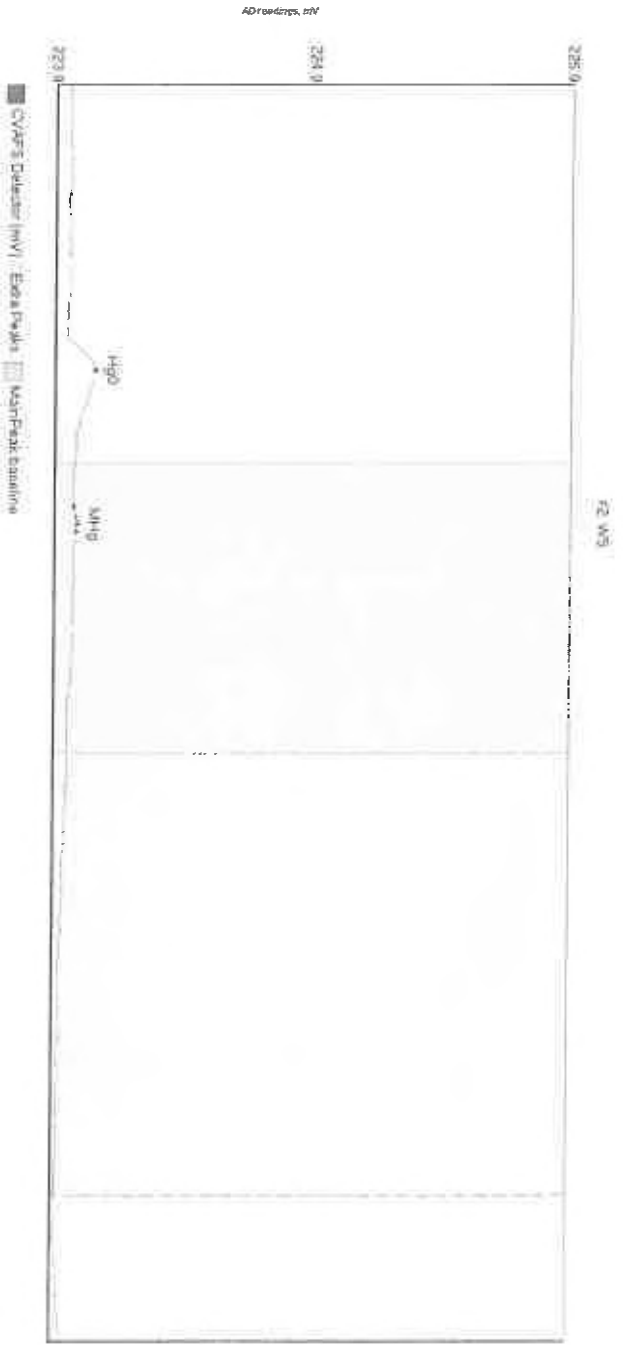
Handwritten notes:
 A bracket groups rows B1 through B10 with the text "02/21/09".
 A bracket groups rows B11 through B14 with the text "WR".

F010340	SEQ-CCB4	A5	1
	0100044-13RE1	A6	500
F010340	0100044-14RE1	A7	500
F010340	0100044-15RE1	A8	500
F010340	0100044-16RE1	A9	500
F010340	0100044-17RE1	A10	500
F010340	0100044-18RE1	A11	500
F010340	0100044-19RE1	A12	500
F010340	0100044-20RE1	A13	500
	SEQ-CCV5	A14	1
F010341	SEQ-CCB5	A15	1
	0100068-02	A16	1
F010341	0100074-01	A17	1
F010341	0100074-02	A18	1
F010341	0100083-01	A19	1
	SEQ-CCV6	A20	1
	SEQ-CCB6	A21	1
F010340	F010340-BLK3	B1	1
	SEQ-CCV7	B2	1
	SEQ-CCB7	B3	1

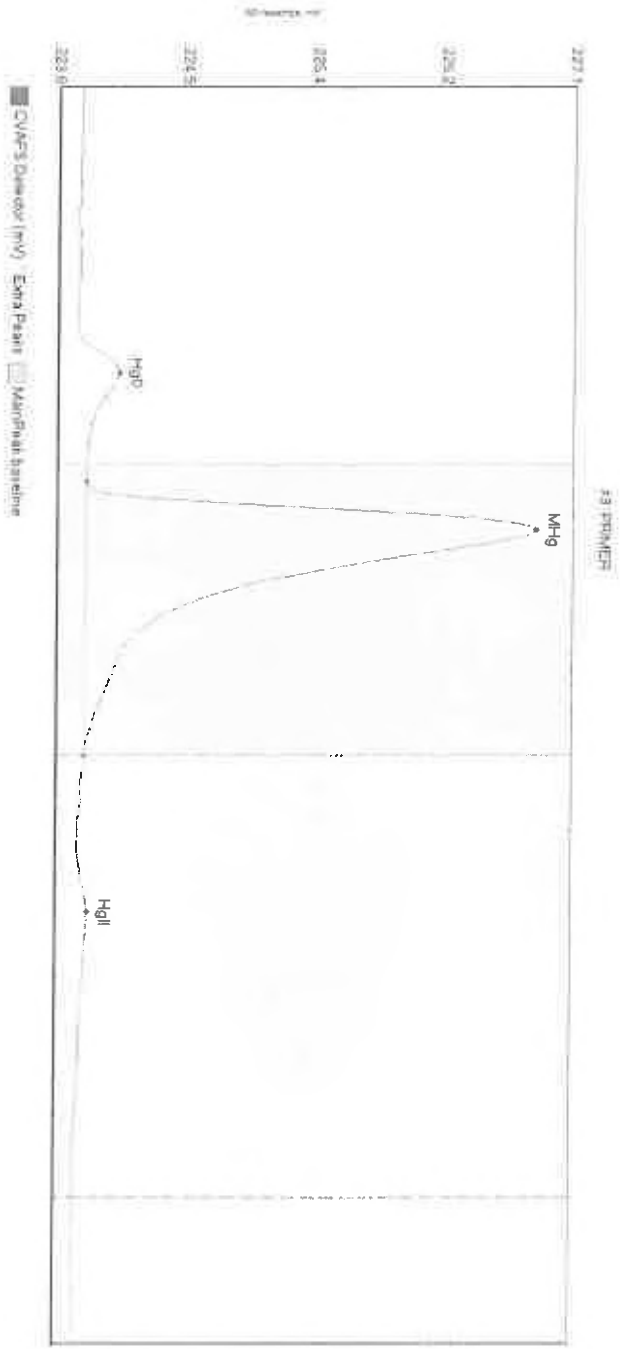
1: Clean



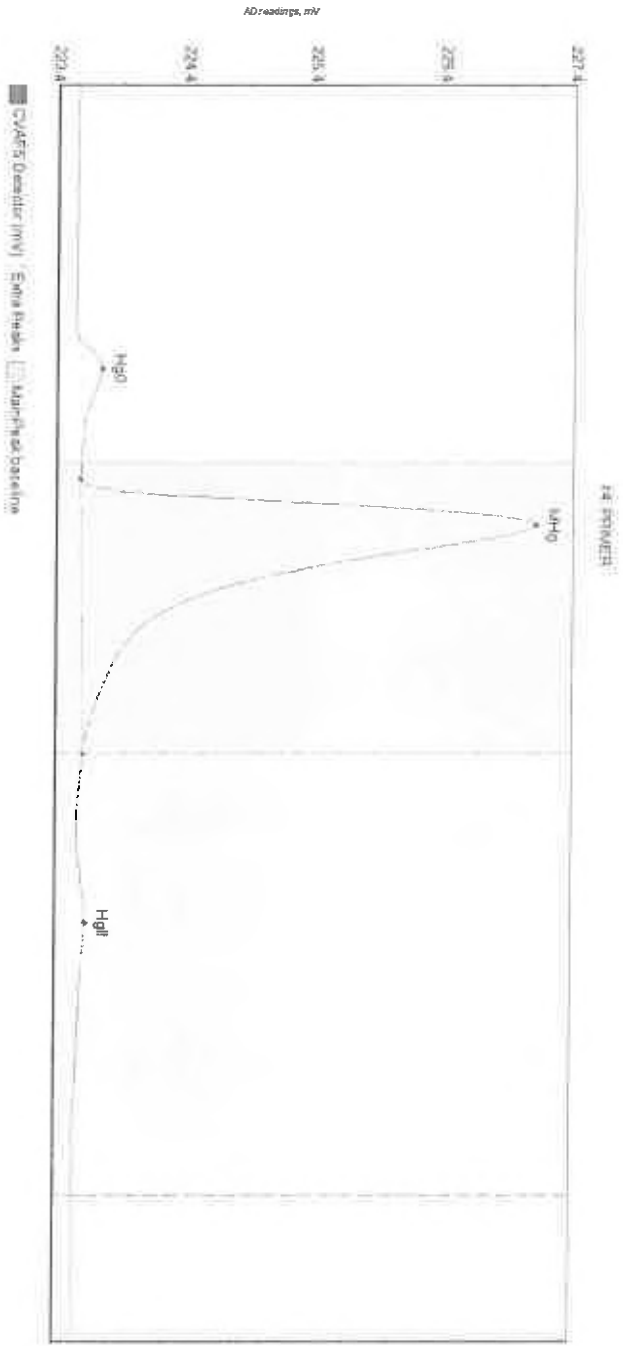
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiSh1ft	Comment
Clean Hg0	20.679	5.0	66.9	224.09	224.11	197.0	0.082	OK	224.0890	0.00	-0.06	
Clean Hg11	2.728	141.0	219.7	224.12	224.60	216.8	0.503	CT	224.0890	0.00	-0.06	



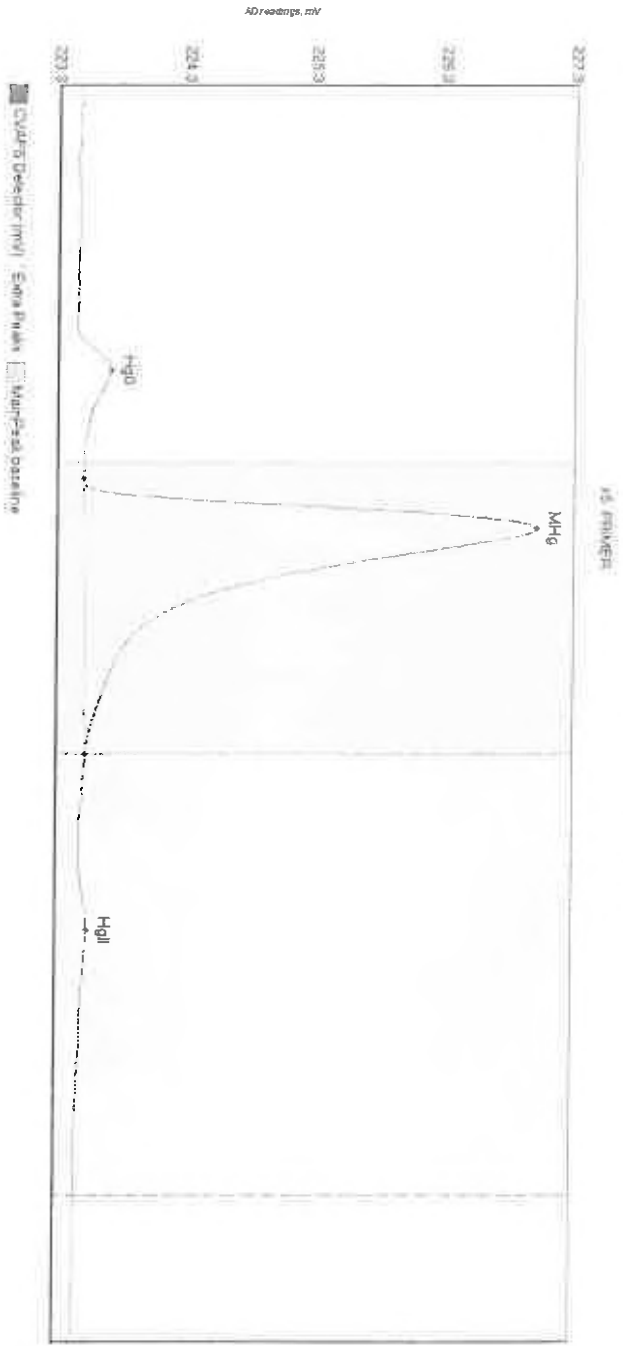
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	HiDev	HiShift	Comment
MS H2O	11.206	49.1	74.2	223.93	223.96	56.6	0.104	OK	223.9362	0.00	-0.02	
MS MHg	0.221	83.5	88.5	223.95	223.96	87.1	0.013	OK	223.9362	0.00	-0.02	



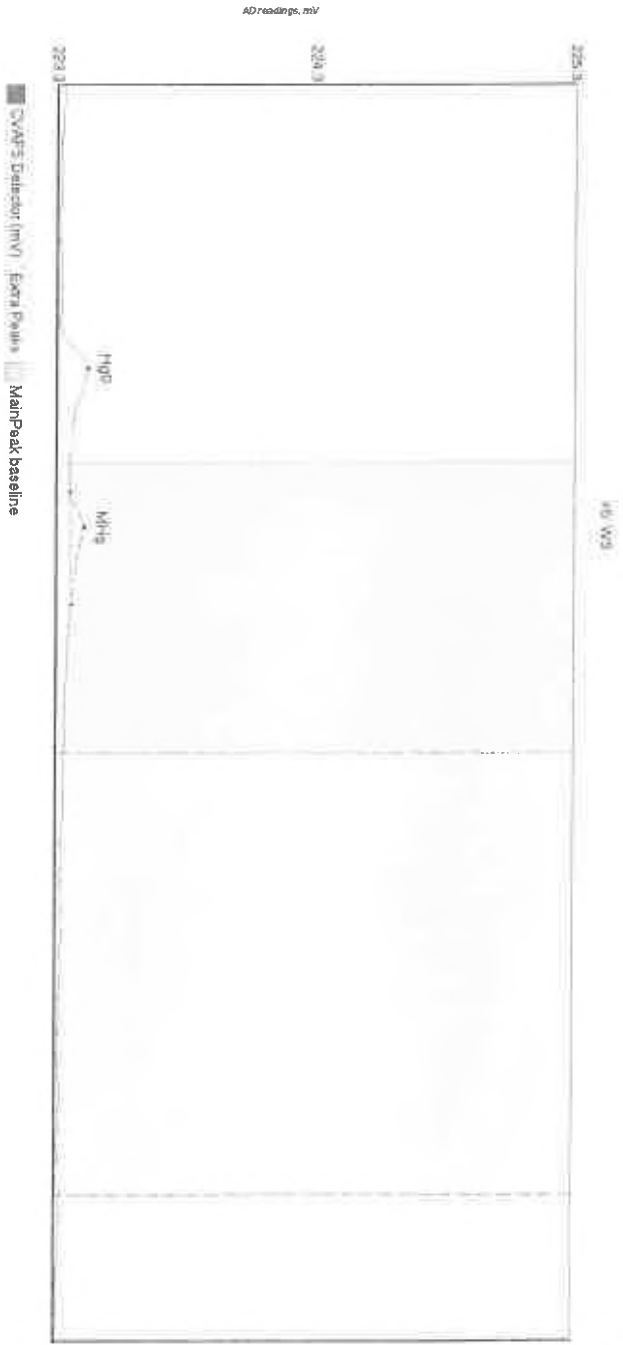
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDV	Blshft	Comment
PRIMER Hg0	28.042	47.5	75.0	223.74	223.80	56.8	0.279	CM	223.7630	0.00	-0.02	
PRIMER MHg	465.463	78.2	132.5	223.80	223.79	87.8	3.084	CM	223.7630	0.00	-0.02	
PRIMER HgII	5.106	155.1	177.1	223.77	223.79	163.4	0.049	OK	223.7630	0.00	-0.02	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RIDev	BIStilt	Comment
PRIMER HQ0	21.054	48.2	75.0	223.59	223.64	56.4	0.202	CM	223.6081	0.00	0.00	
PRIMER MHG	539,442	78.1	132.5	223.63	223.66	87.2	3.519	CM	223.6081	0.00	0.00	
PRIMER HGII	2.770	159.2	173.3	223.65	223.66	165.9	0.031	OK	223.6081	0.00	0.00	

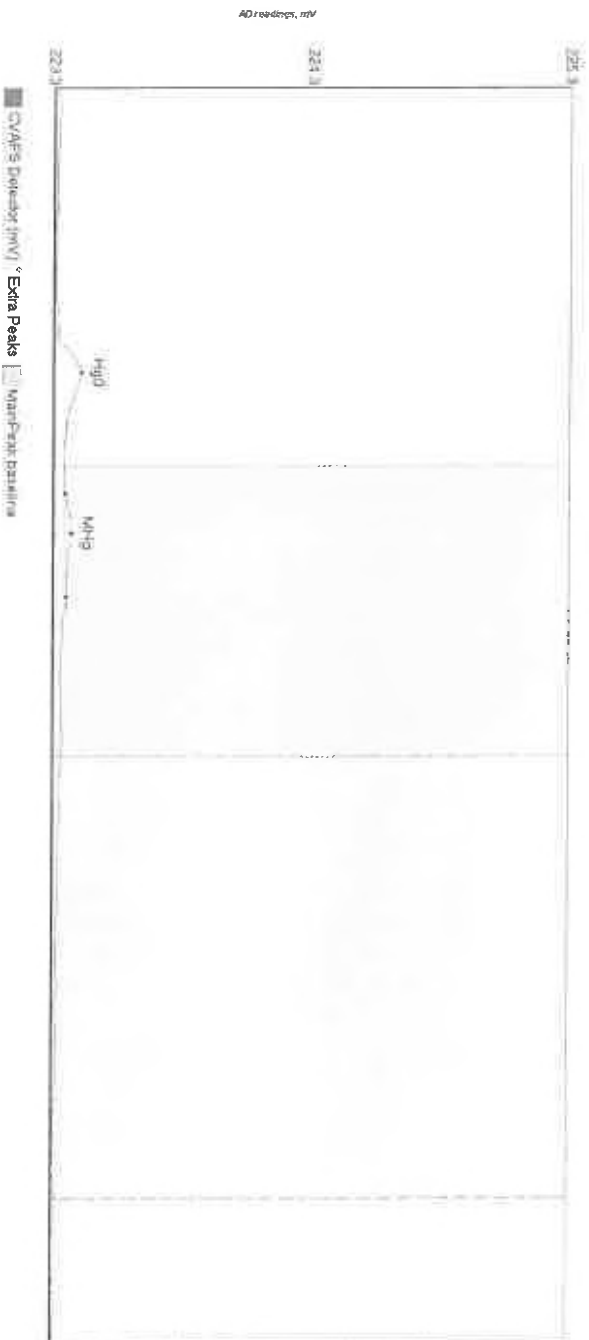


Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	RI Dev	RI Shift	Comment
PRIMER HQD	26.084	47.0	72.3	223.43	223.50	56.6	0.260	OK	223.4531	0.00	0.00	
PRIMER MHG	524.654	77.9	132.5	223.49	223.52	87.8	3.509	CP	223.4531	0.00	0.00	
PRIMER HGII	1.273	161.1	171.9	223.51	223.52	167.3	0.025	OK	223.4531	0.00	0.00	

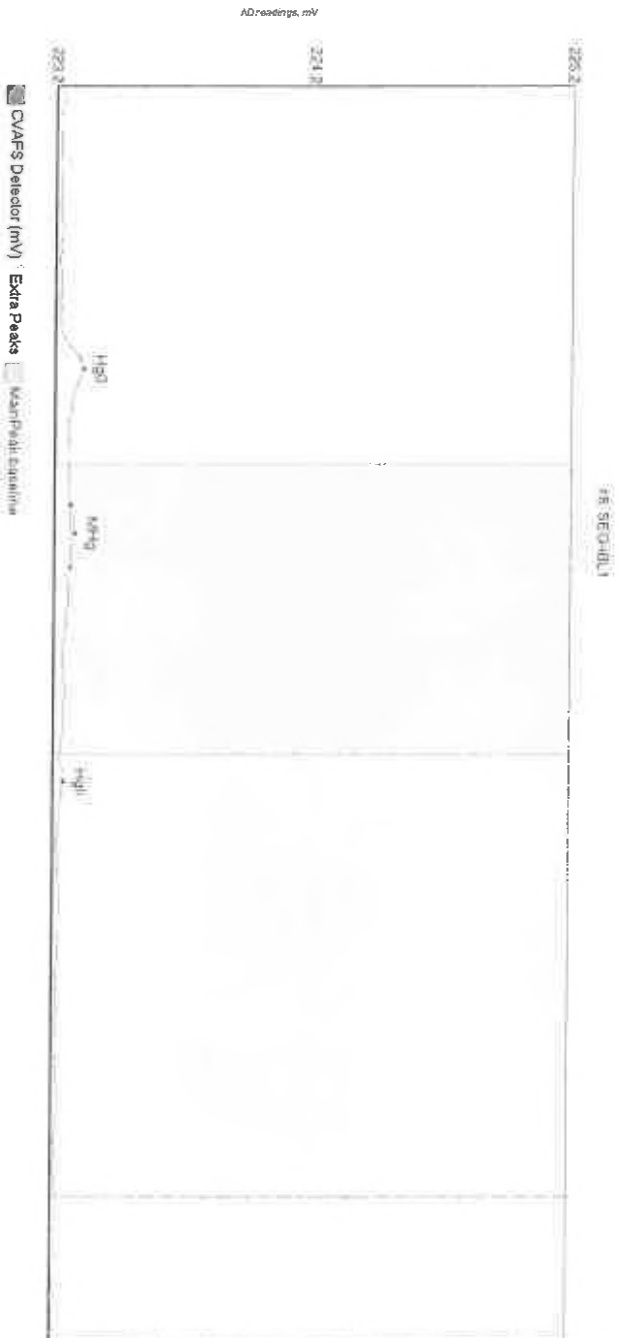


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
MS MHg	10.595	48.0	75.0	223.36	223.40	56.3	0.101	CF	223.3710	0.00	-0.02	
MS MHg	4.828	80.7	103.0	223.40	223.40	87.7	0.052	OK	223.3710	0.00	-0.02	

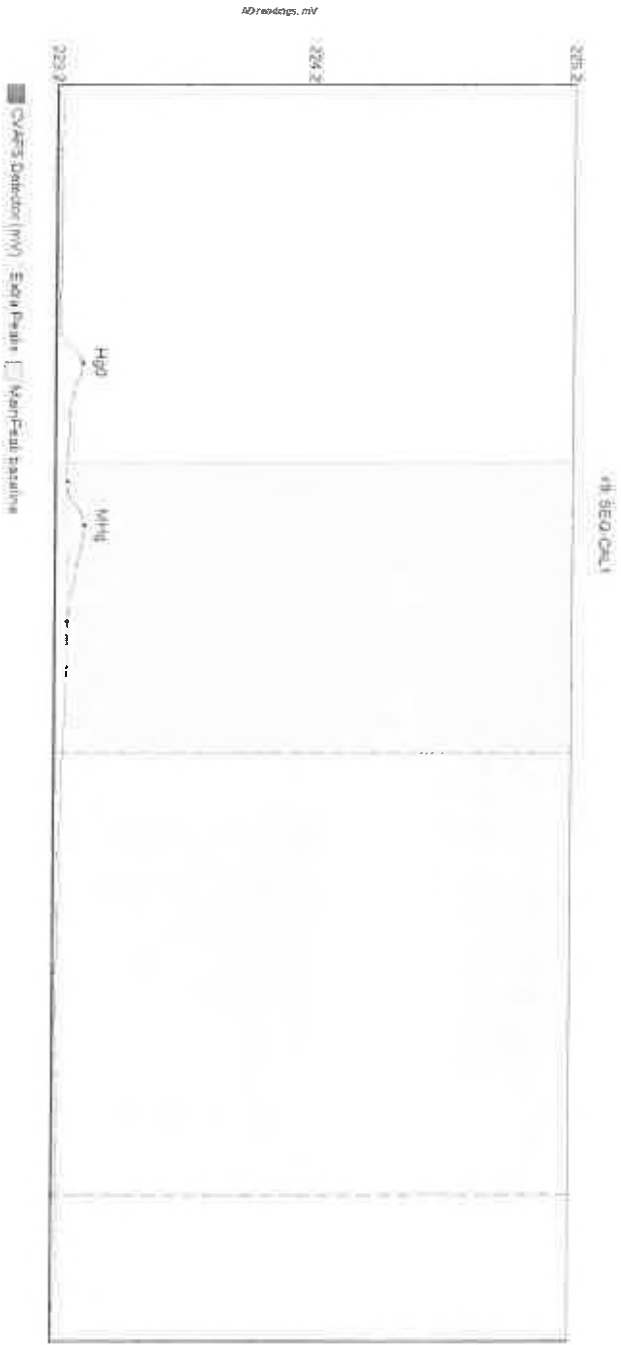
17.WS



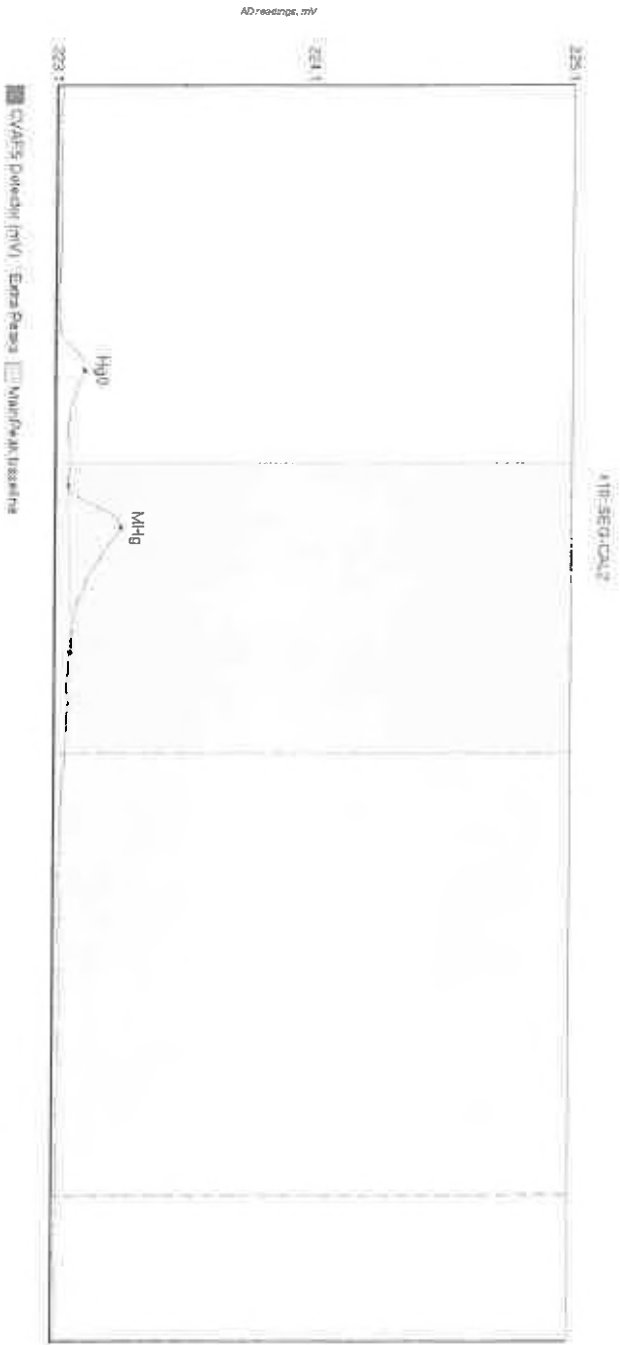
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
MS MHg	8.552	48.7	70.6	223.30	223.32	56.5	0.092	OK	223.2979	0.00	-0.01	
WS MHg	2.725	80.5	100.8	223.33	223.33	88.2	0.026	OK	223.2979	0.00	-0.01	



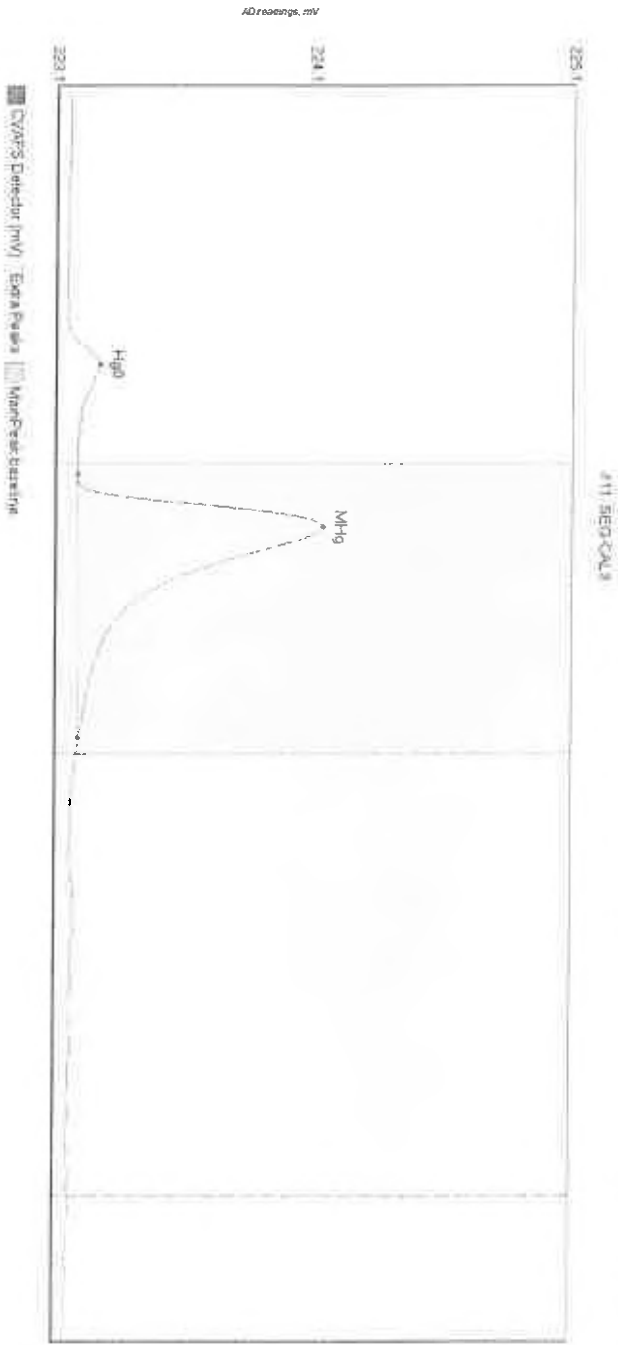
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	Baseline	StdDev	Baseline	StdDev	Comment
SEG-1BL1 Hg0	6.665	48.7	68.4	223.23	223.26	58.2	0.084	OK	223.2364	0.00	223.2364	0.00	223.2364	0.00	-0.02
SEG-1BL1 MHg	1.278	83.0	95.3	223.27	223.27	88.7	0.019	OK	223.2364	0.00	223.2364	0.00	223.2364	0.00	-0.02
SEG-1BL1 HgII	0.424	133.6	141.4	223.24	223.24	137.8	0.010	OK	223.2364	0.00	223.2364	0.00	223.2364	0.00	-0.02



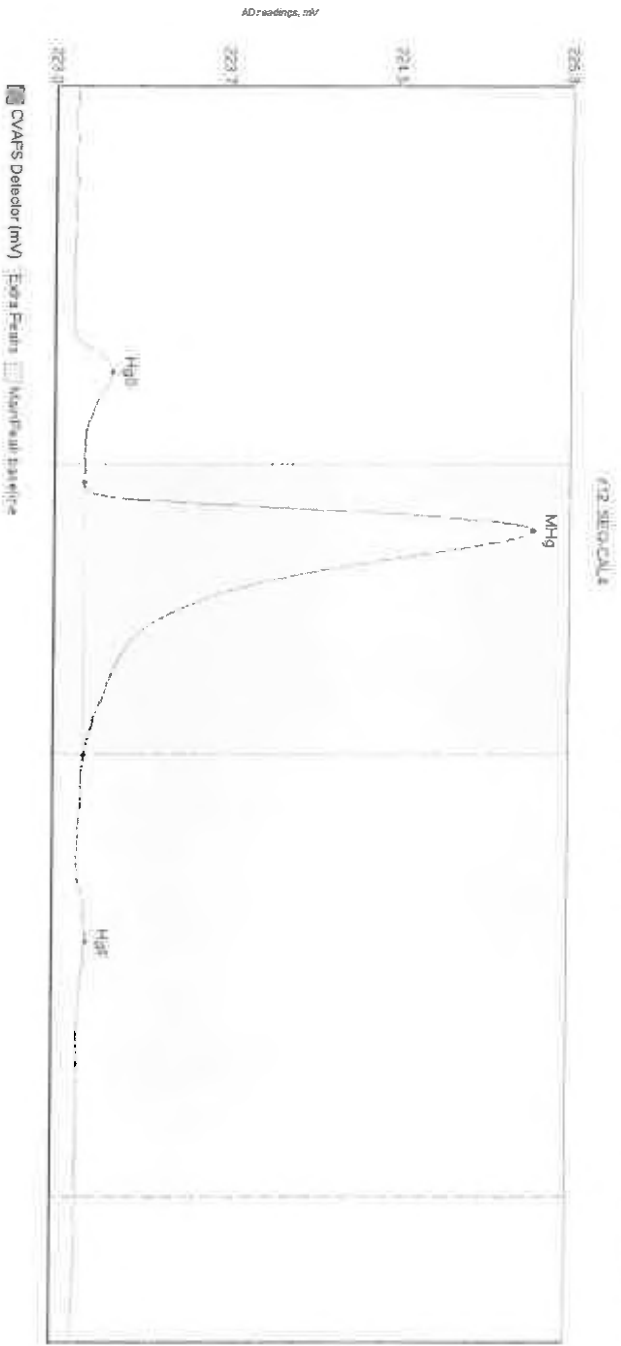
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SFO-CM11 Hg0	8.662	48.2	75.0	223.17	223.21	55.3	0.088	CP	223.1874	0.00	-0.02	
SFO-CM11 MHg	6.893	78.7	106.4	223.21	223.21	87.4	0.065	OK	223.1874	0.00	-0.02	



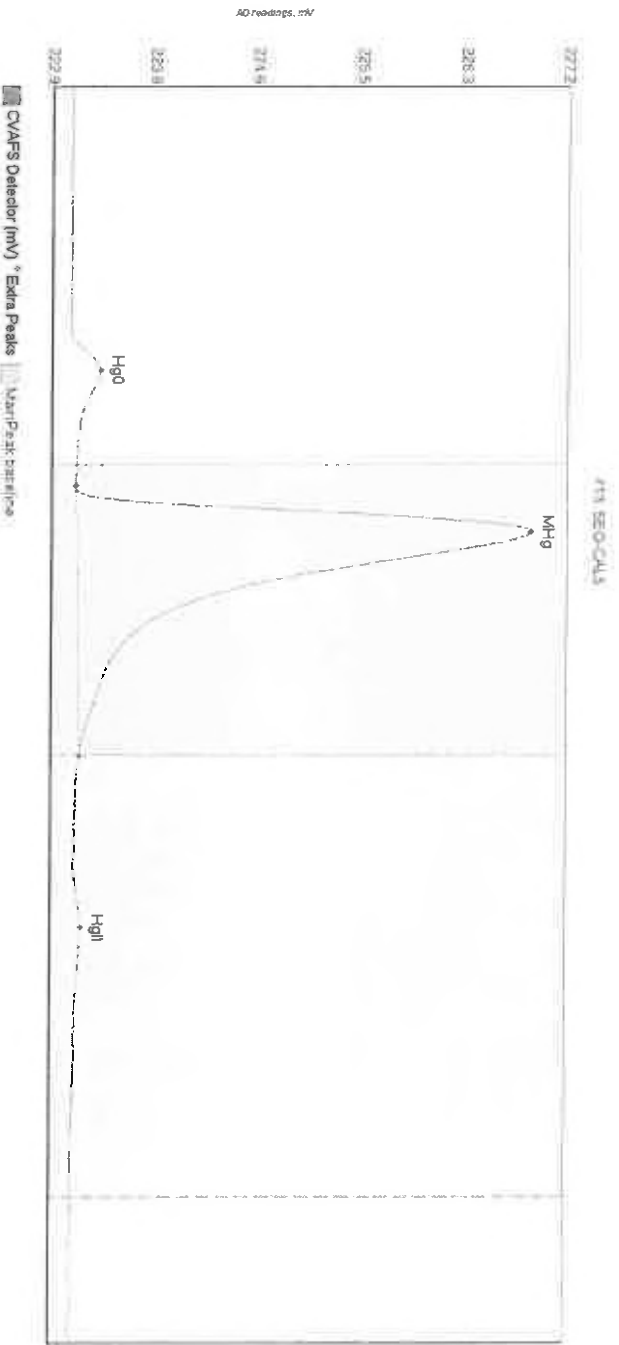
Name	Area	Start Time	Endtime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CAL2 Hg0	71.678	49.0	68.2	223.14	223.17	56.6	0.090	OK	223.1429	0.00	-0.01	
SEQ-CAL2 MHg	26.149	79.3	112.4	223.17	223.18	87.7	0.205	OK	223.1429	0.00	-0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SQC-CAL3 Hg0	11.019	47.9	72.9	223.11	223.14	59.4	0.117	OK	223.1052	0.00	0.00	
SQC-CAL3 MHg	103.947	77.1	129.3	223.14	223.15	87.6	0.949	OK	223.1052	0.00	0.00	

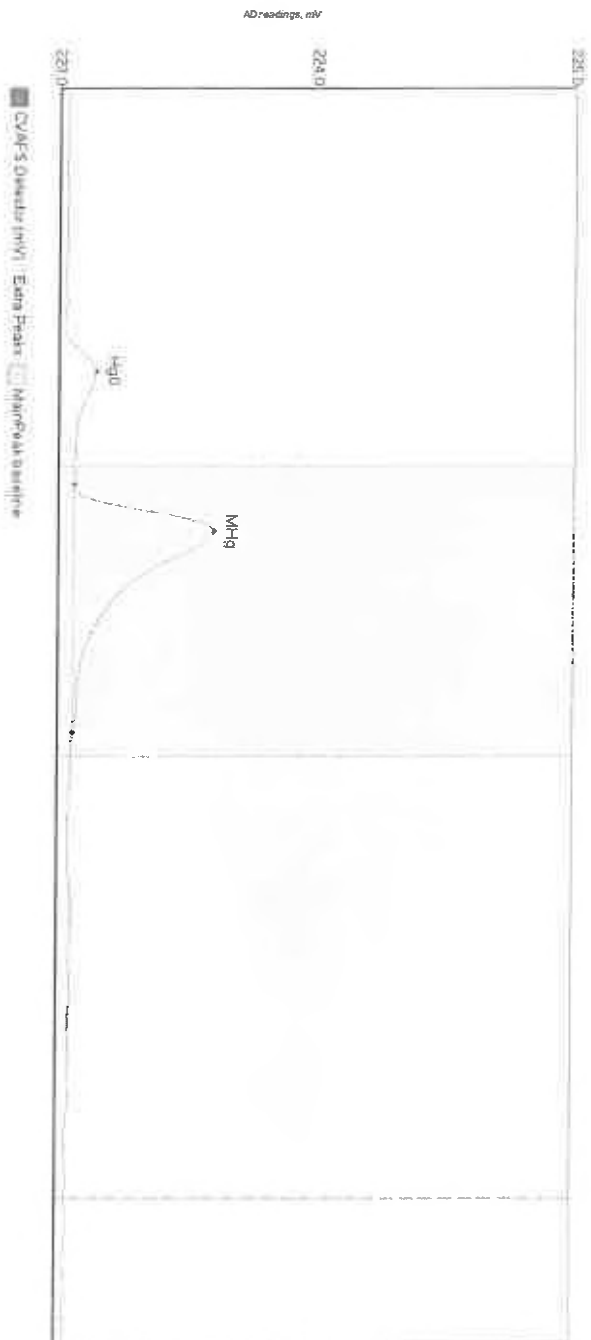


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	B1Ch1ft	Comment
SEG-CAL4 Hg0	16.895	48.9	73.3	223.07	223.11	56.6	0.162	OK	223.072	0.00	0.43	
SEG-CAL4 MHg	303.339	78.4	132.5	223.11	223.12	88.3	2.010	CF	223.072	0.00	0.60	
SEG-CAL4 Hg11	0.992	160.7	173.0	223.11	223.12	169.5	0.016	OK	223.072	0.00	0.60	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Blow	BLSHIFT	Comment
SEC-CALS Hg0	24.901	47.5	74.9	223.06	223.11	56.4	0.247	OK	223.0556	0.00	0.02	
SEC-CALS MHg	559.236	79.1	132.5	223.10	223.13	88.4	3.747	CR	223.0556	0.00	0.02	
SEC-CALS HgII	5.422	155.7	177.1	223.10	223.12	166.4	0.058	OK	223.0556	0.00	0.02	

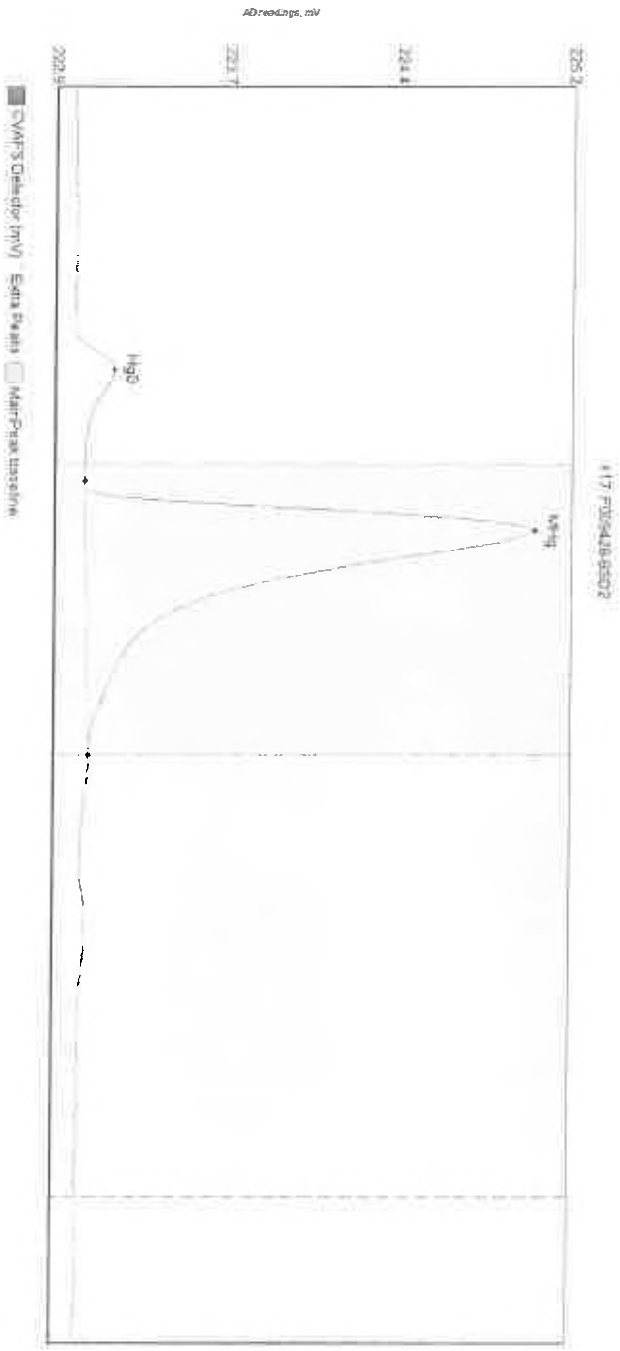
#14: SEQ1CV1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIdev	BIShift	Comment
SEQ1CV1 Hg0	12.925	48.0	74.6	223.04	223.08	56.2	0.123	OK	223.0543	0.00	0.00	
SEQ1CV1 MHg	82.323	78.5	127.6	223.08	223.08	87.9	0.548	OK	223.0543	0.00	0.00	

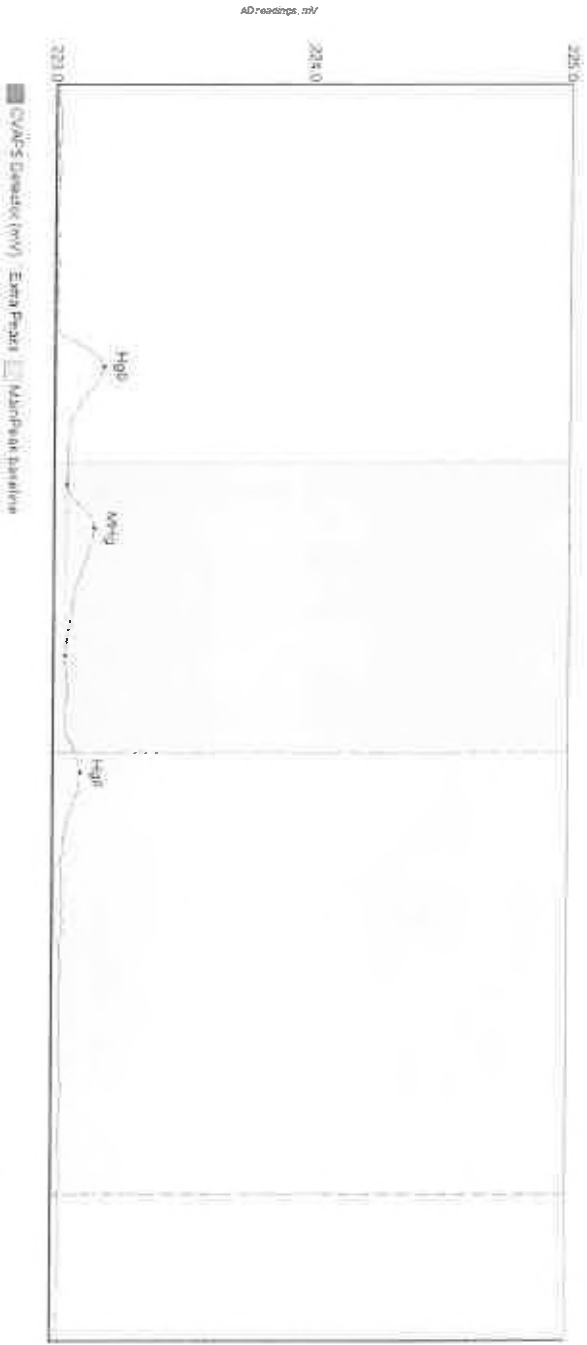


Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	StDev	Shift	Comment
SEC-ICBI_Hg0	6.820	48.8	59.0	223.03	223.06	55.2	0.078	OK	223.0331	0.00	0.00	
SEC-ICBI_MHg	5.179	80.3	114.4	223.06	223.06	87.7	0.033	OK	223.0331	0.00	0.00	



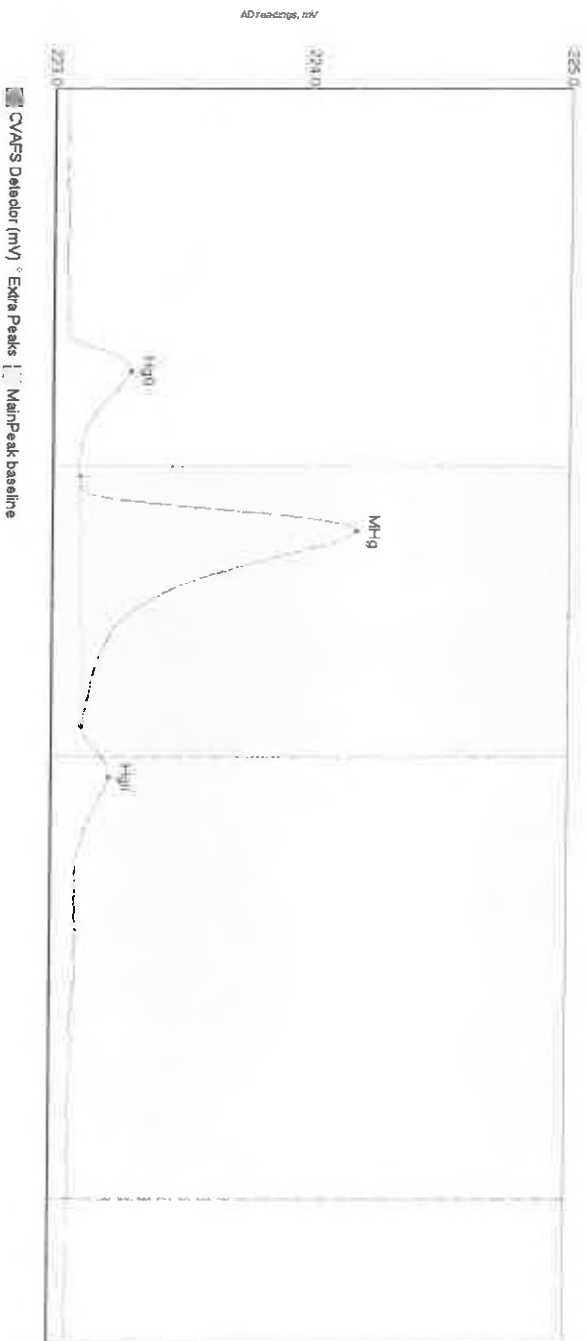
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	HiDev	HiShift	Comment
F009428-RSD2	15.472	44.1	74.9	223.02	223.07	56.2	0.164	OK	223.0181	0.00	0.02	F009428
F009428-RSD2	287.665	78.1	132.5	223.06	223.08	88.1	1.938	CT	223.0181	0.00	0.02	F009428

#18: 0100043-AXRE1

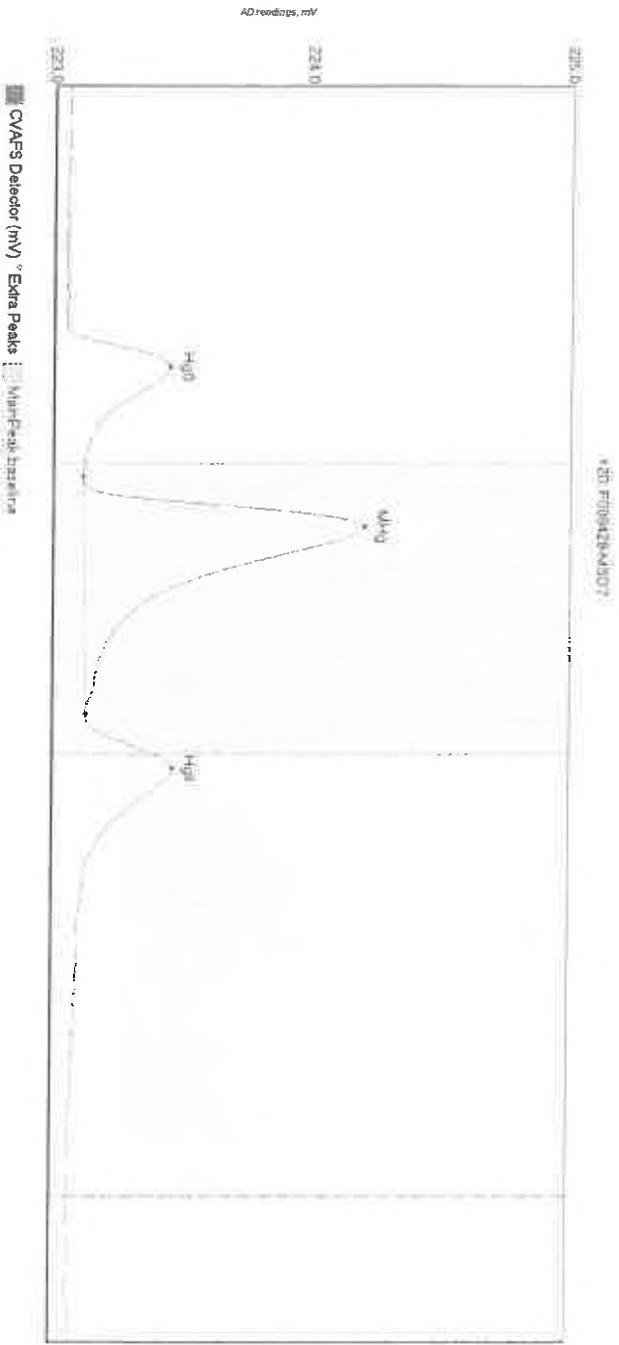


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100043-AXRE1	H 18.132	48.4	74.7	223.02	223.06	56.0	0.175	OK	223.0216	0.00	0.00	F009428
0100043-AXRE1	M 16.791	79.4	113.1	223.06	223.05	88.1	0.109	OK	223.0216	0.00	0.00	F009428
0100043-AXRE1	H 3.311	132.5	150.0	223.09	223.05	136.3	0.023	OK	223.0216	0.00	0.00	F009428

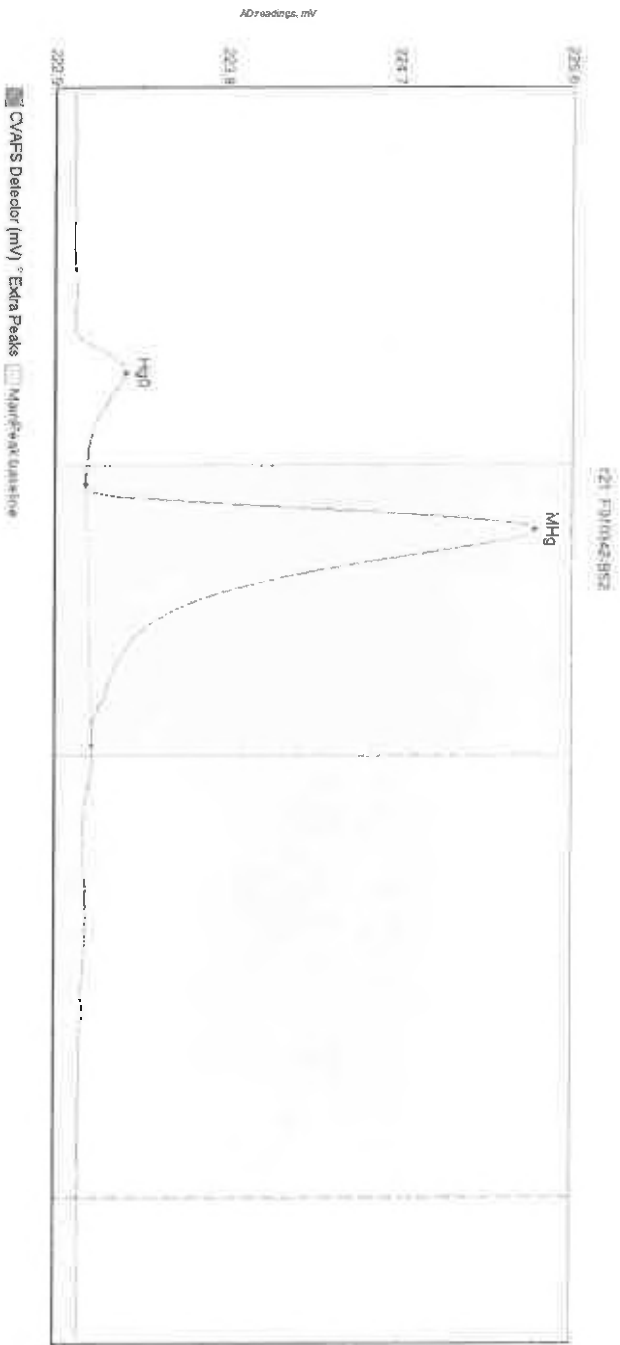
#19: F009428.MS7



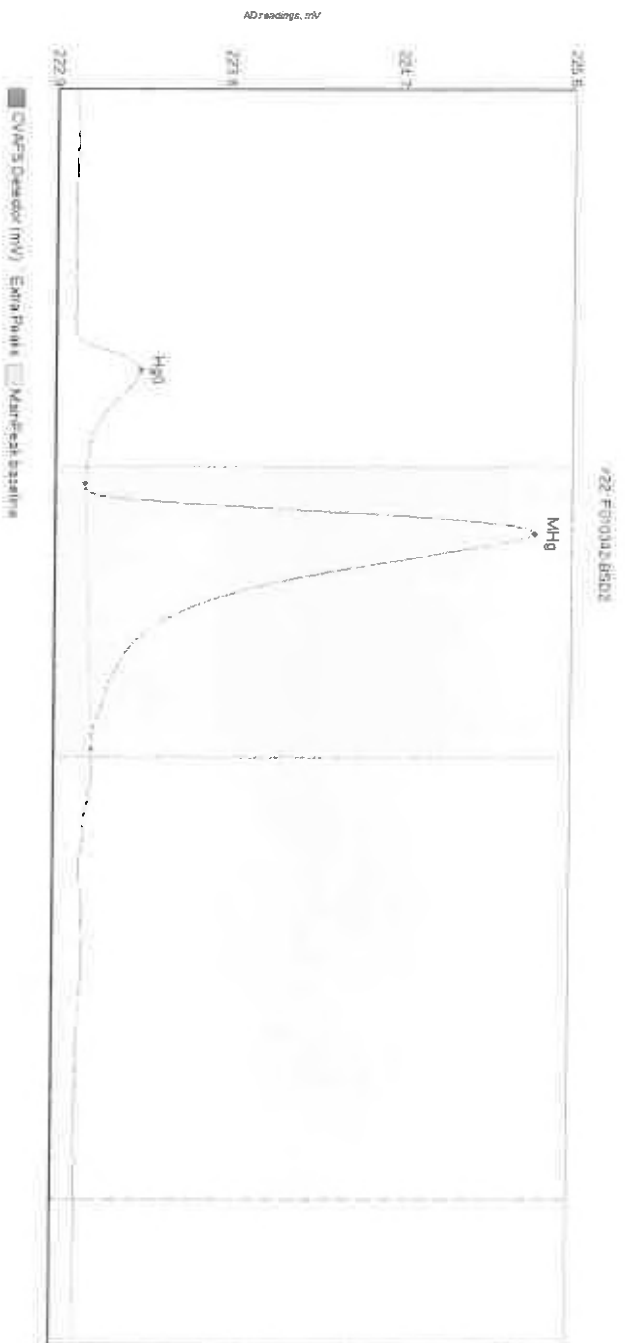
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Mult	Comment
F009428-MS7 Hg0	25.319	35.9	74.7	223.02	223.07	56.2	0.250	OK	223.0205	0.00	0.75	F009428
F009428-MS7 MH9	156.904	76.9	126.4	223.08	223.09	87.7	1.071	OK	223.0205	0.00	0.61	F009428
F009428-MS7 Hg1	3.834	132.5	149.7	223.17	223.09	136.5	0.024	OK	223.0205	0.00	0.61	F009428



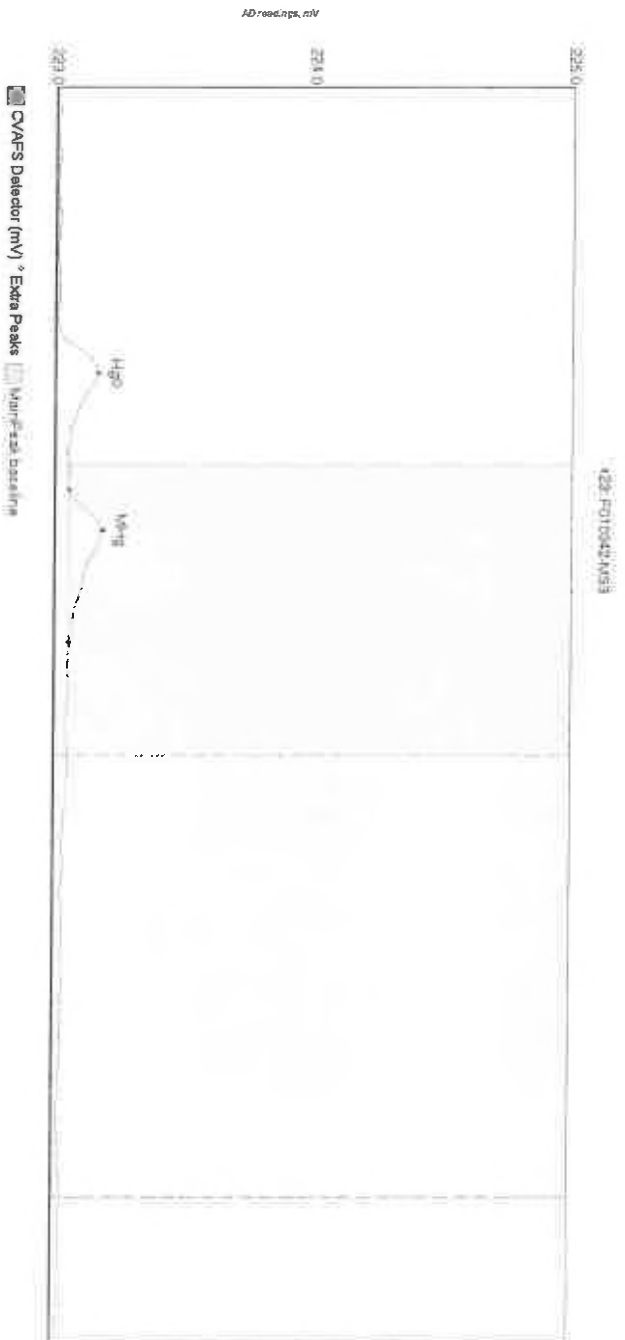
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDew	HSplit	Comment
F009428-MSD7 Hg	43.860	47.6	75.0	223.02	223.09	55.8	0.394	CT	223.0281	0.00	0.00	P009428
F009428-MSD7 MH	159.023	77.4	124.5	223.08	223.10	87.5	1.093	OK	223.0281	0.00	0.00	P009428
F009423-MSD7 Hg	7.897	132.5	155.9	223.37	223.10	135.3	0.066	OK	223.0281	0.00	0.00	P009423



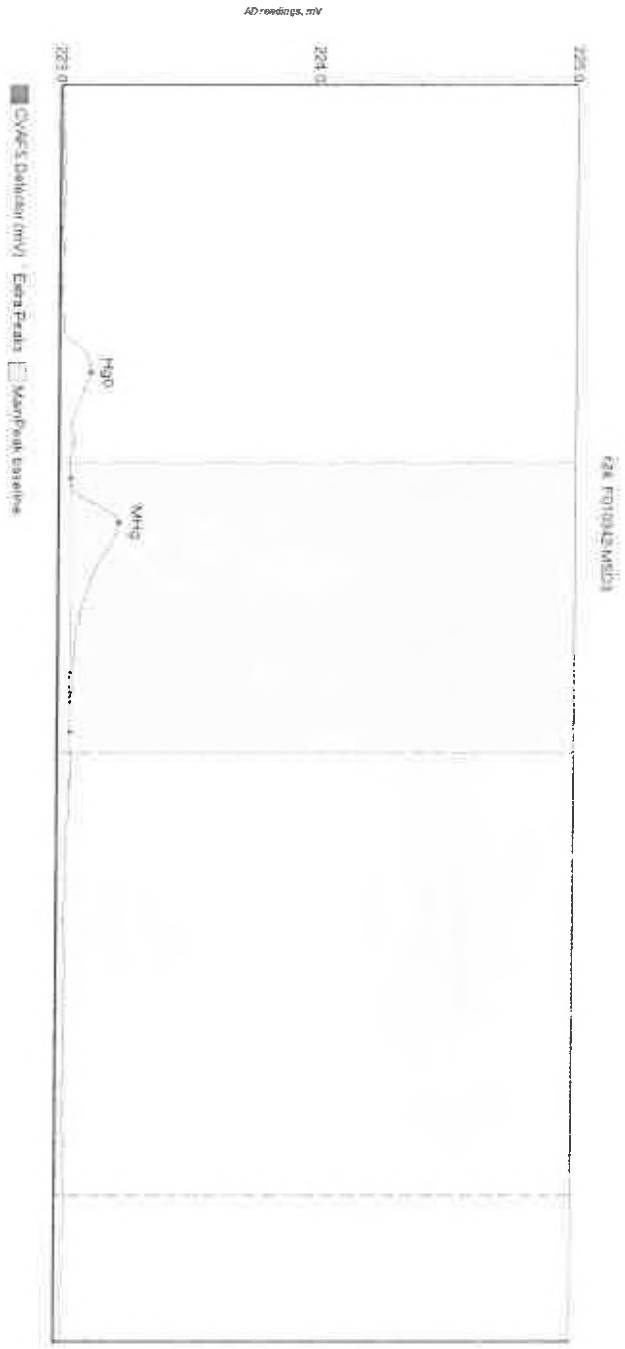
Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	BlDev	BlShift	Comment
F010342-HS2 HgD	28.264	47.4	74.6	223.03	223.10	56.6	0.280	OK	223.0276	0.00	0.02	F010342
F010312-HS2 MHg	336.091	78.5	130.4	223.09	223.12	87.8	2.288	OK	223.0276	0.00	0.02	F010342



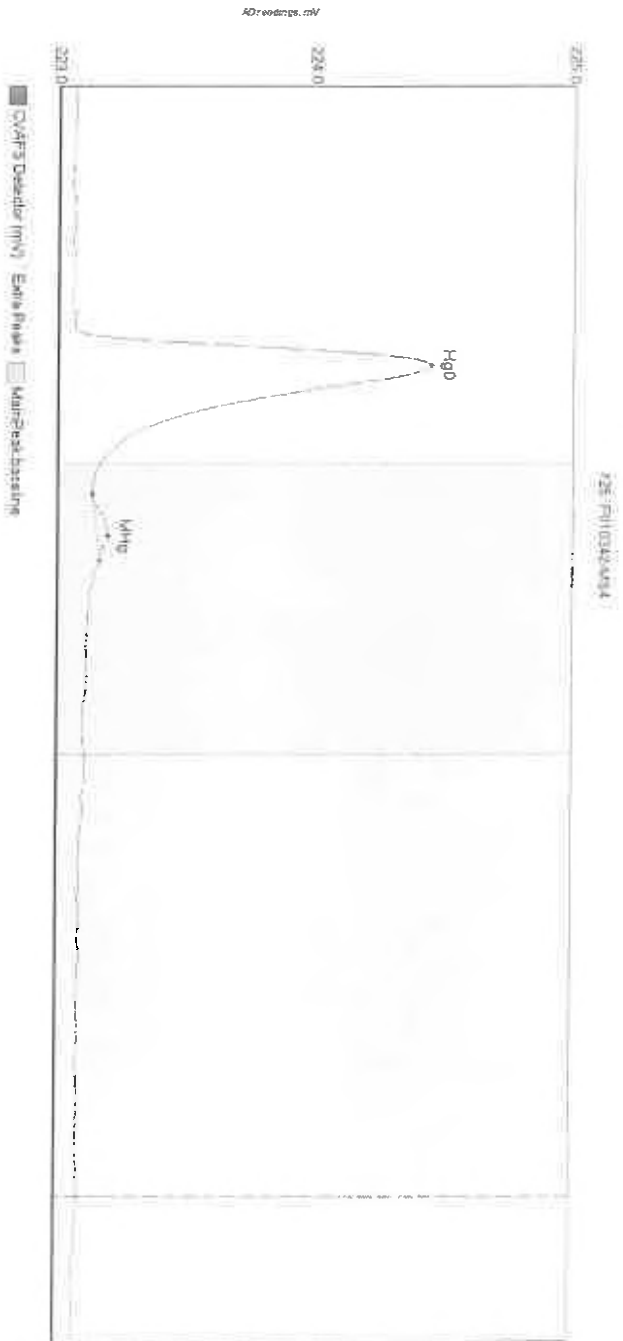
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F010342-NSD2	Hg 34.656	46.6	75.0	223.04	223.09	55.9	0.322	CT	223.0332	0.00	0.02	F010342
F010342-NSD2	NH 341.024	78.3	130.7	223.09	223.12	88.0	2.282	OK	223.0332	0.00	0.02	F010342



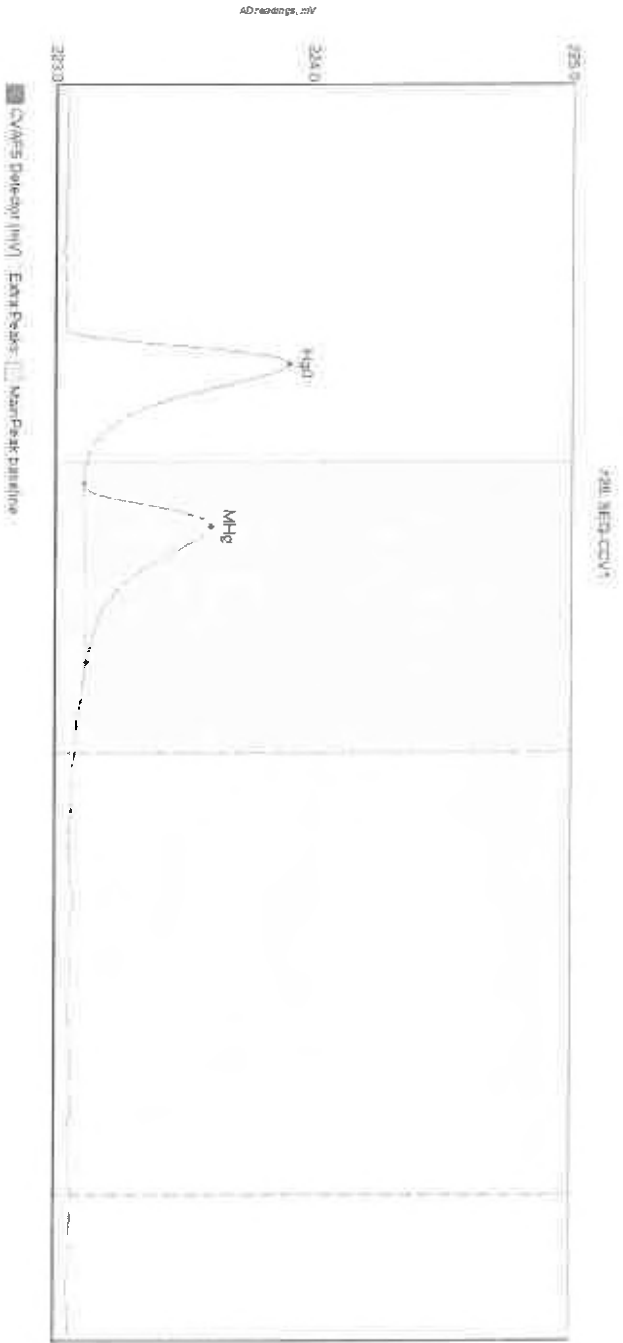
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010342-MS3 HgD	15.957	46.3	72.8	223.02	223.07	56.8	0.155	OK	223.0272	0.00	0.01	F010342
F010342-MS3 MHg	10.945	79.8	110.0	223.07	223.07	87.9	0.128	OK	223.0272	0.00	0.01	F010342



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BLDev	MSHift	Comment
F010342-MSD3	11.620	43.2	74.4	223.03	223.06	57.1	0.110	OK	223.0232	0.00	0.02	F010342
F10342-MSD3	30.038	78.1	128.1	223.06	223.06	86.7	0.188	OK	223.0232	0.00	0.02	F010342

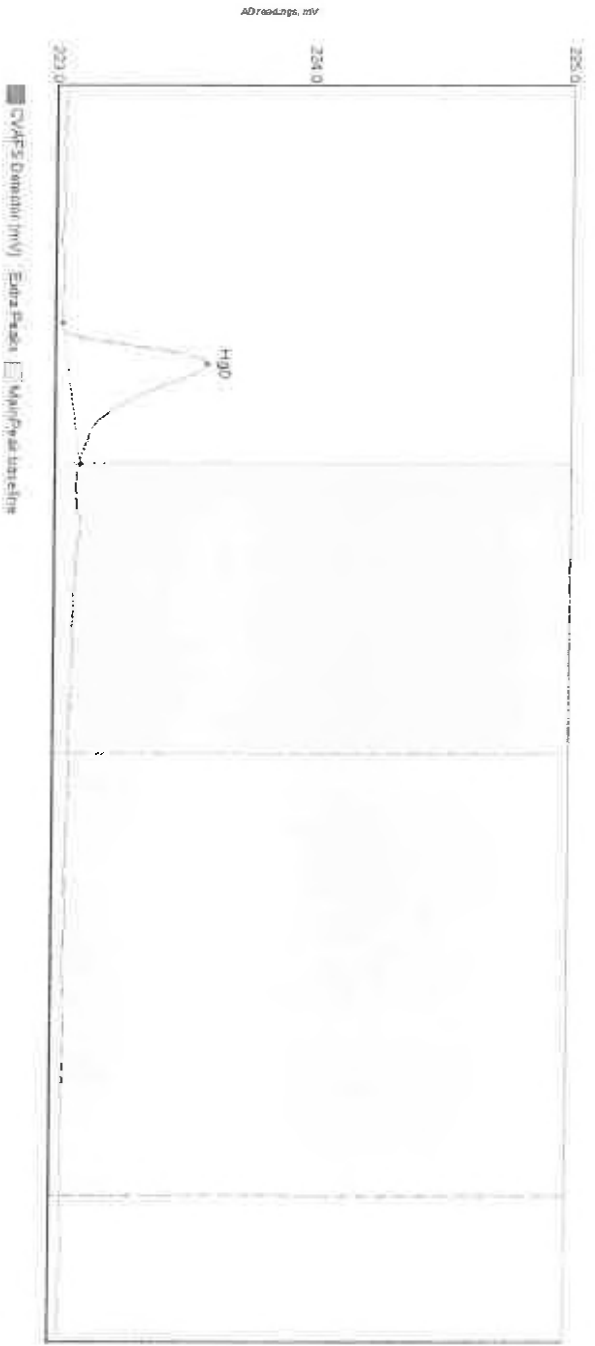


Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	BLDev	BShift	Comment
F010342-MS4 HgD	147.657	42.6	79.0	223.03	223.14	55.4	1.387	CT	223.0348	0.00	0.02	F010342
F010342-MS4 MHg	3.205	80.9	91.0	223.11	223.14	89.2	0.061	OK	223.0348	0.00	0.02	F010342

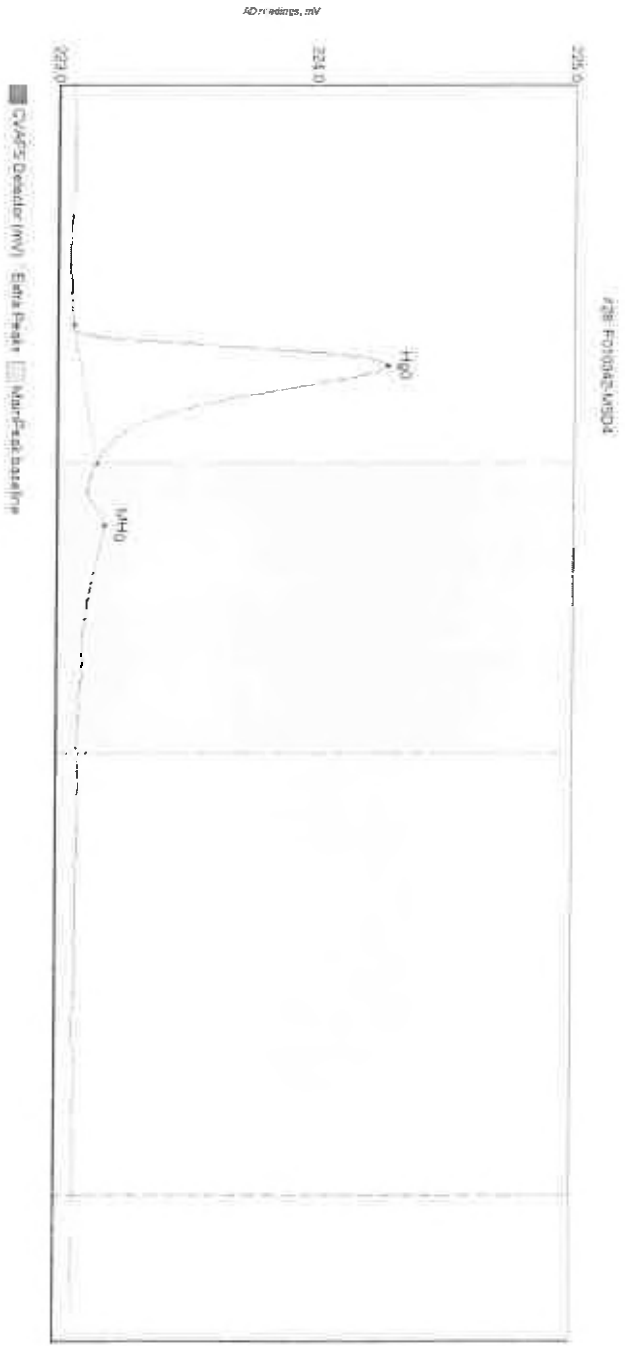


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SRQ-CCVI Hg0	90.790	48.2	75.0	223.04	223.12	55.6	0.868	CP	223.0362	0.00	0.02	
SEO-CCVI MHg	67.126	79.1	114.3	223.11	223.12	87.6	0.496	OK	223.0362	0.00	0.02	

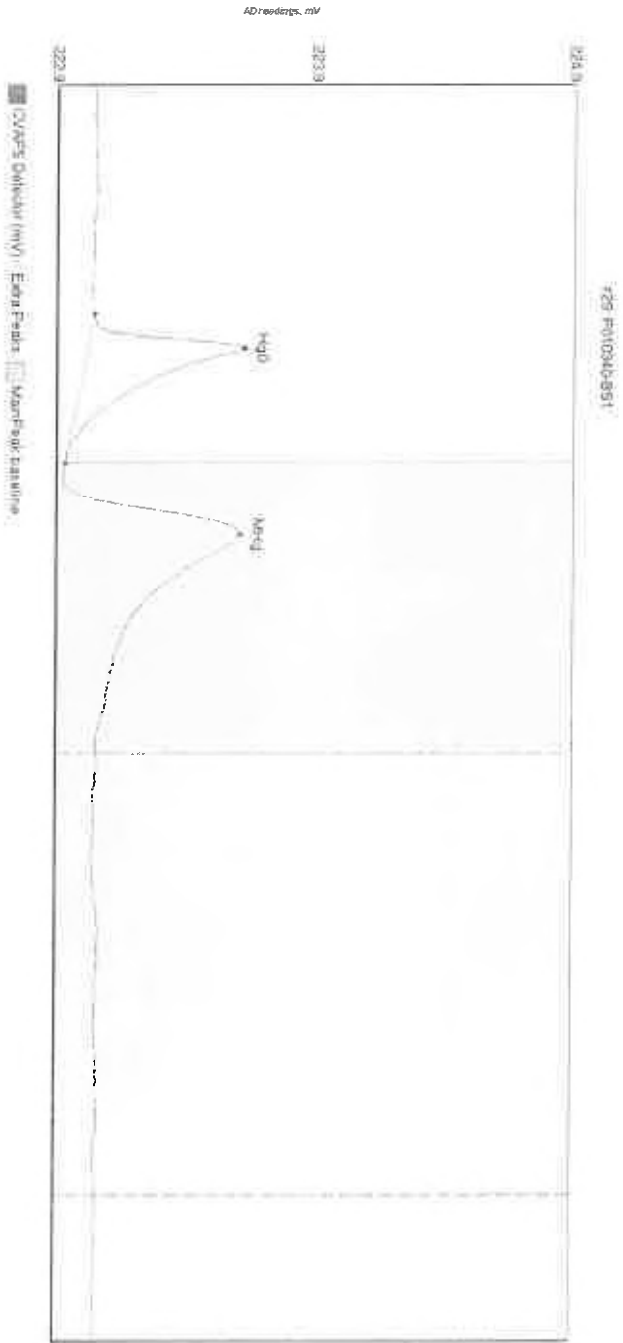
#27: SEQ-CCB1



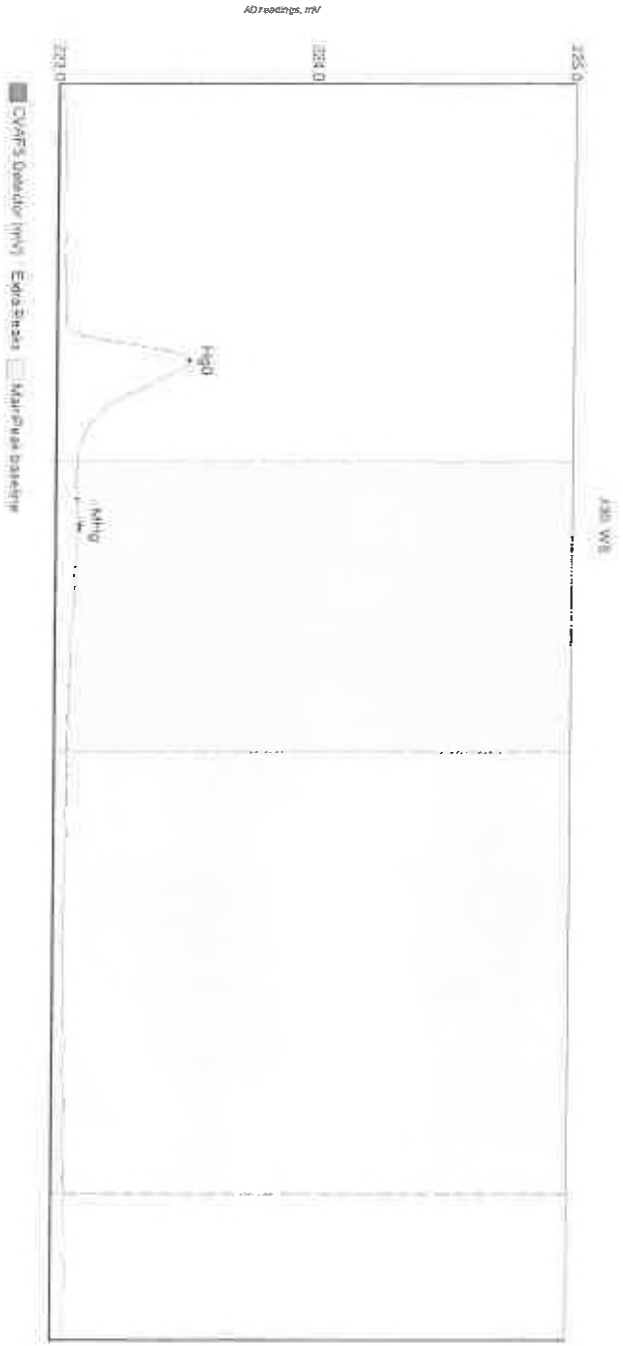
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDew	BDShift	Comment
SEQ-CCB1	57.217	47.2	75.0	223.03	223.11	55.4	0.561	CT	223.0462	0.00	0.00	



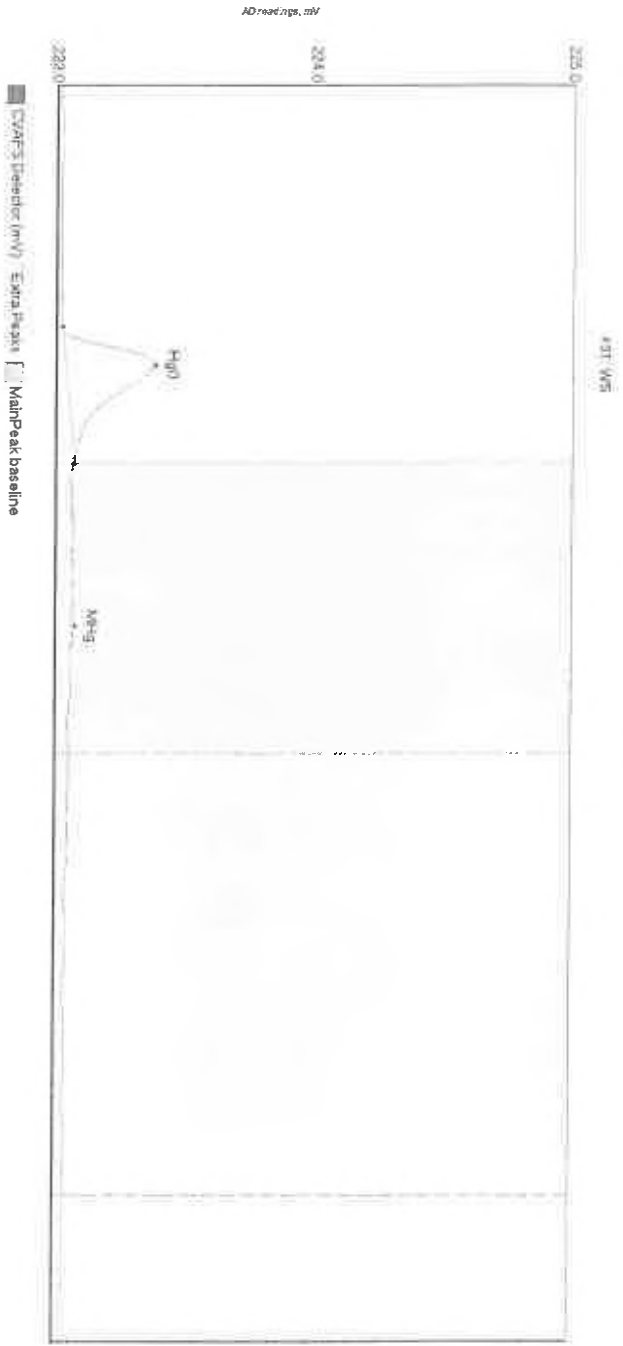
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F010342-MSD4 Rq 128.913	47.6	75.0	75.0	223.04	223.13	55.7	1.215	CP	223.0401	0.00	0.01	F010342
F010342-MSD4 MH 5.908	81.1	99.5	99.5	223.10	223.11	87.3	0.064	OK	223.0401	0.00	0.01	F010342



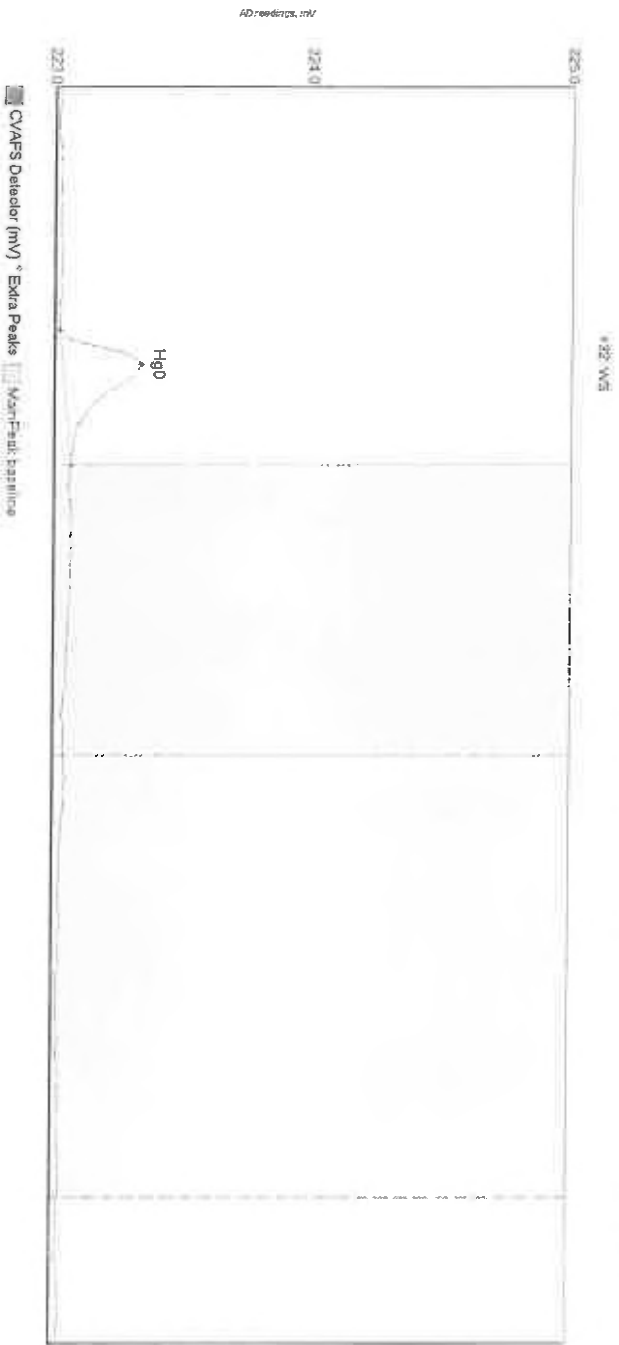
Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	BI Dev	BI Shift	Comment
F010340-HG1	52.967	45.4	75.0	223.04	222.83	52.3	0.576	OK	223.0433	0.00	0.01	
F010740-HG1	119.161	78.3	129.5	222.92	223.05	89.2	0.676	OK	223.0433	0.00	0.01	



Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	Width	Height	Comment
MS HgD	47.831	36.3	78.8	223.05	223.10	55.1	0.481	OK	223.0415	0.00	0.02	
MS HgH	0.144	82.4	88.5	223.10	223.11	87.6	0.010	OK	223.0415	0.00	0.02	

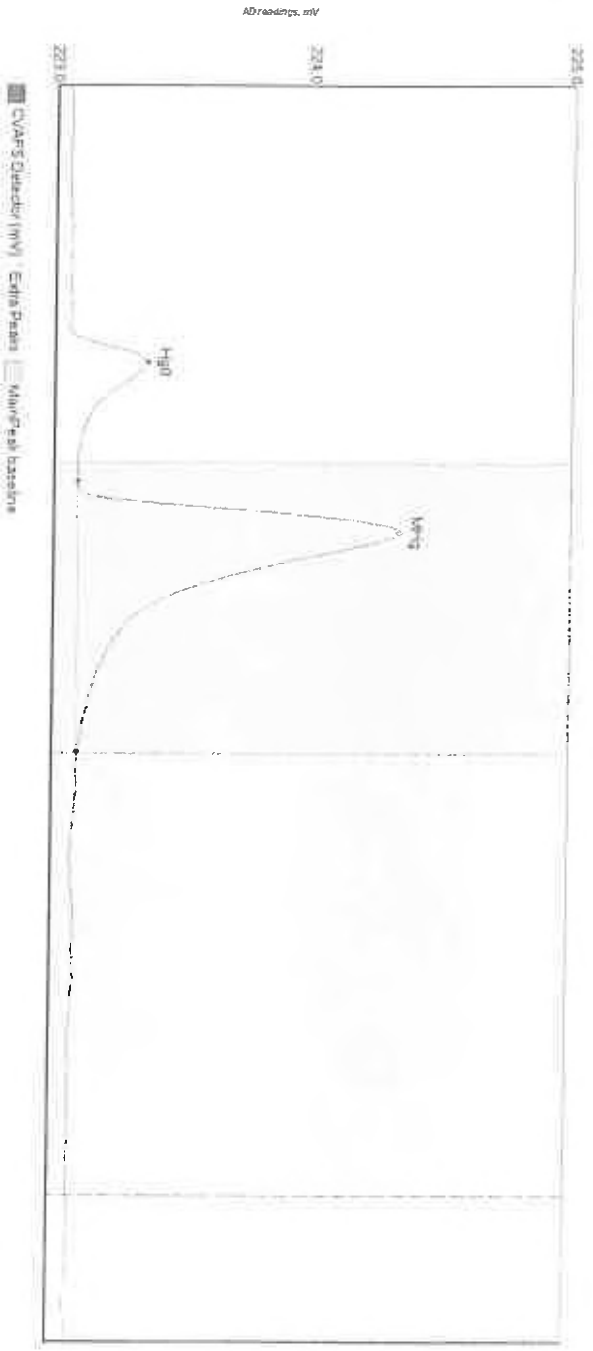


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
MS H2O	31.488	471.9	75.0	223.04	223.09	55.6	0.359	CP	223.0354	0.00	0.01	
MS Me3	0.193	104.7	109.0	223.08	223.08	107.3	0.011	OK	223.0354	0.00	0.01	

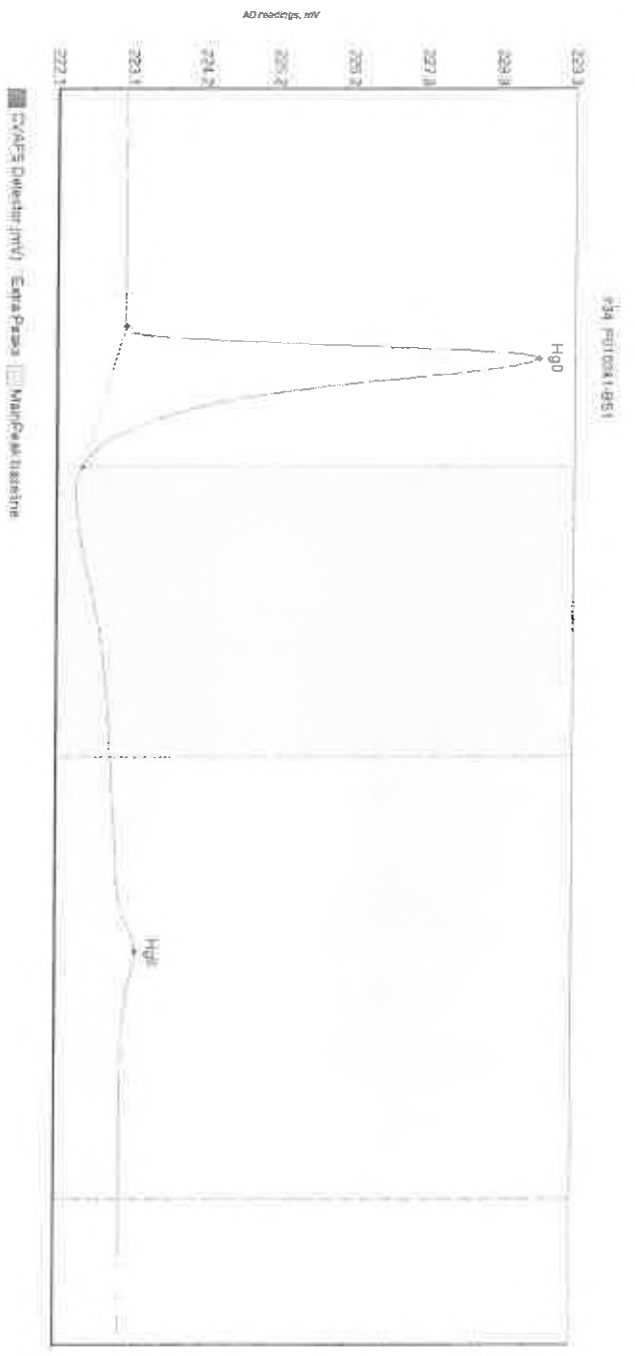


Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	RtDev	Shift	Comment
MS	31.594	48.3	75.0	223.04	223.09	55.1	0.313	CM	223.0450	0.00	0.00	

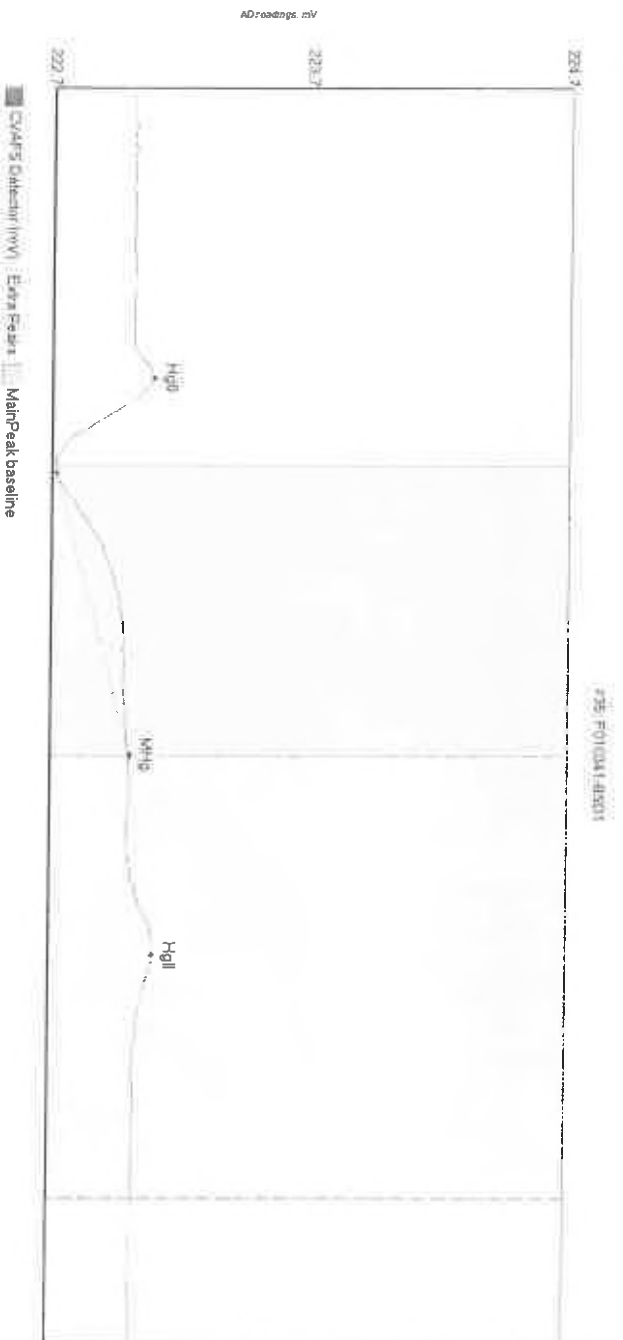
#33: F010340-BSD1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F010340-BSD1 Hg	29.196	48.0	74.6	223.04	223.07	55.1	0.301	OK	223.0341	0.00	0.02	
F010340-BSD1 MHg	187.327	78.5	132.0	223.07	223.08	88.5	1.296	OK	223.0341	0.00	0.02	

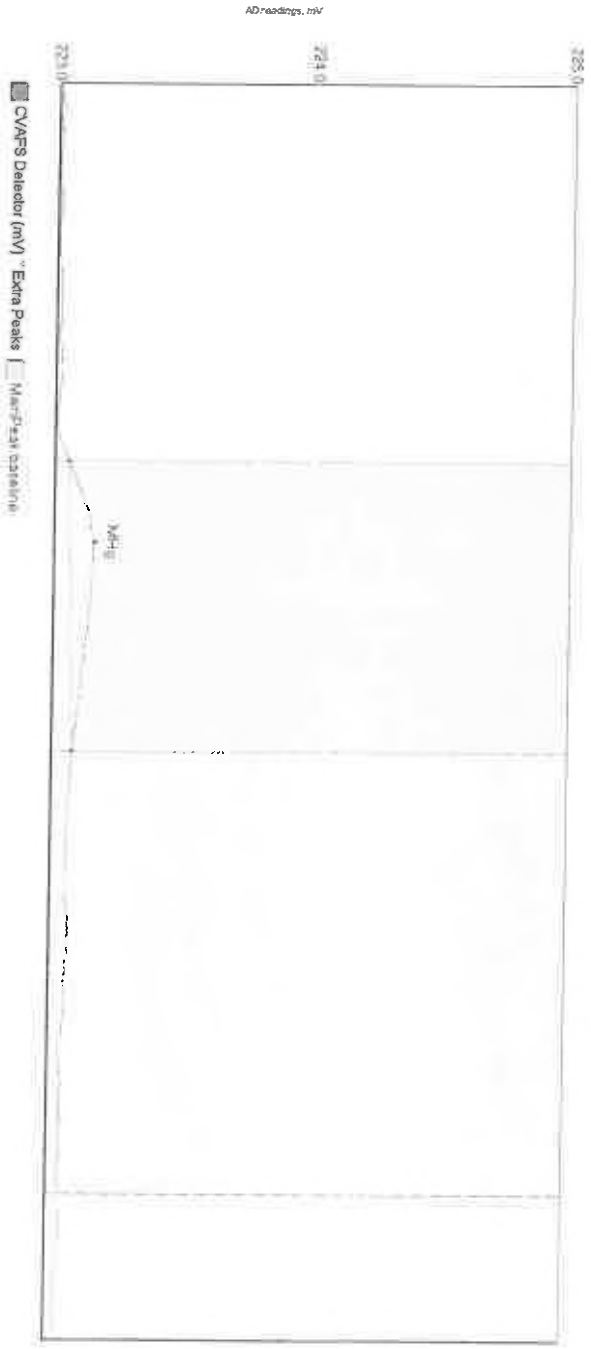


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F010341-RS1	Hg0 569.799	47.1	75.0	223.04	222.44	53.6	5.782	CF	223.0406	0.00	-0.04	
F010341-RS1	Hg1 62.635	134.6	214.8	222.86	222.99	170.9	0.336	OK	223.0406	0.00	-0.04	



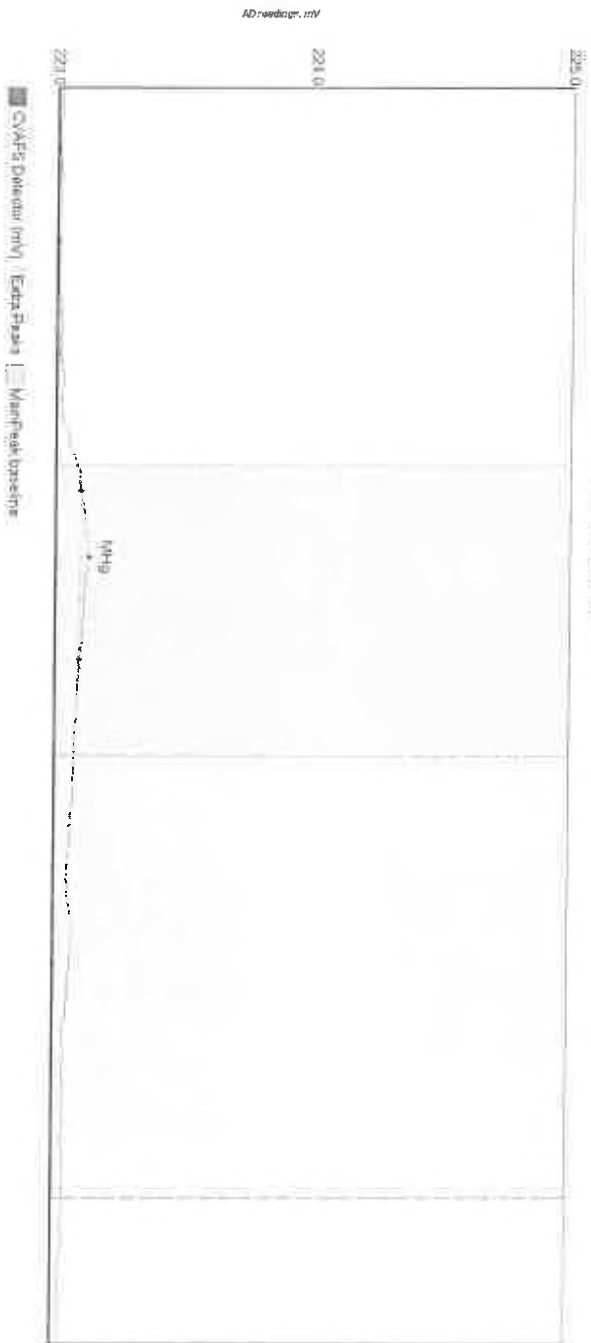
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RI/DV	RIShift	Comment
F010341-RSD1 Hq	17.023	51.4	74.3	223.00	222.70	57.6	0.077	OK	222.9975	0.00	0.02	
F010341-RSD1 MH	37.772	76.3	132.5	222.71	222.99	132.0	0.287	CP	222.9875	0.00	0.02	
F010341-RSD1 Hq	17.516	152.5	194.8	222.99	223.01	171.7	0.098	OK	222.9975	0.00	0.02	

#38: F010340-BLK1

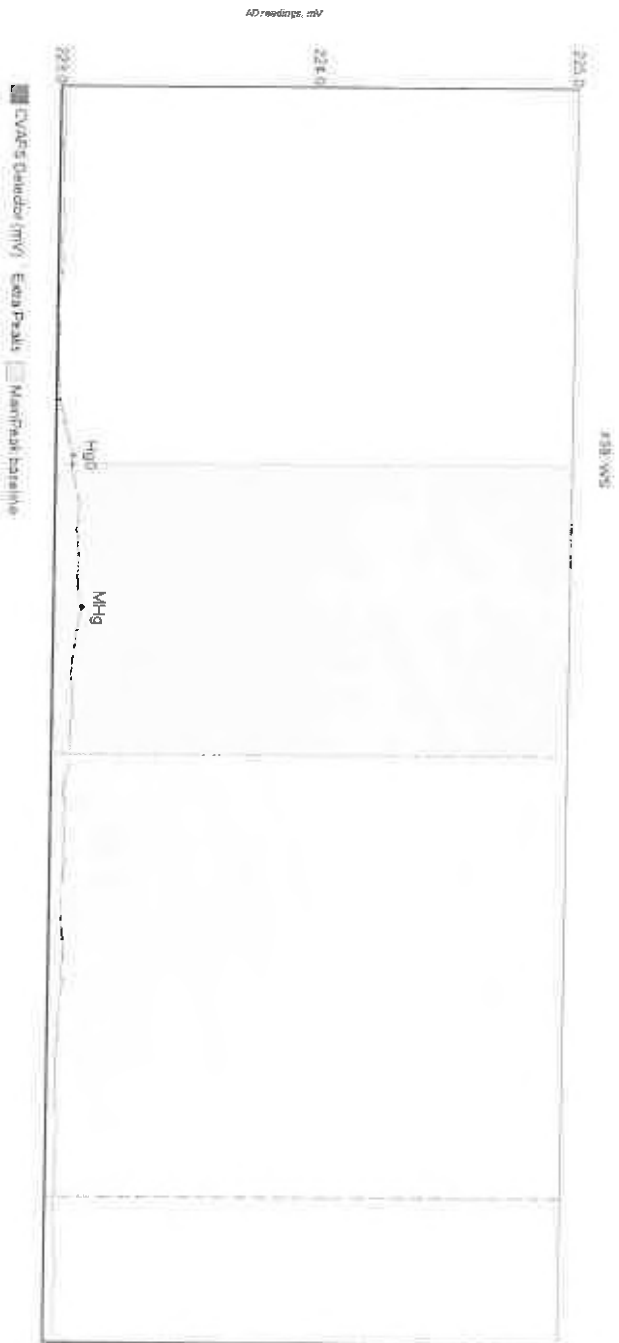


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F010340-BLK1	31.823	75.0	132.3	223.04	223.06	91.6	0.103	OK	222.9950	0.00	0.02	

PER F010340.BLK2



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010340-01.RK2	6.369	79.9	113.3	223.08	223.08	93.1	0.033	OK	223.0024	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
MS HgD	0.908	62.3	75.0	223.00	223.05	73.4	0.057	CT	222.9947	0.00	0.03	
MS MHg	10.893	75.4	132.5	223.05	223.05	103.4	0.046	CT	222.9947	0.00	0.03	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	RSI	Comment
MS	6.947	79.5	113.9	223.06	223.05	101.3	0.028	OK	223.0006	0.90	0.01	

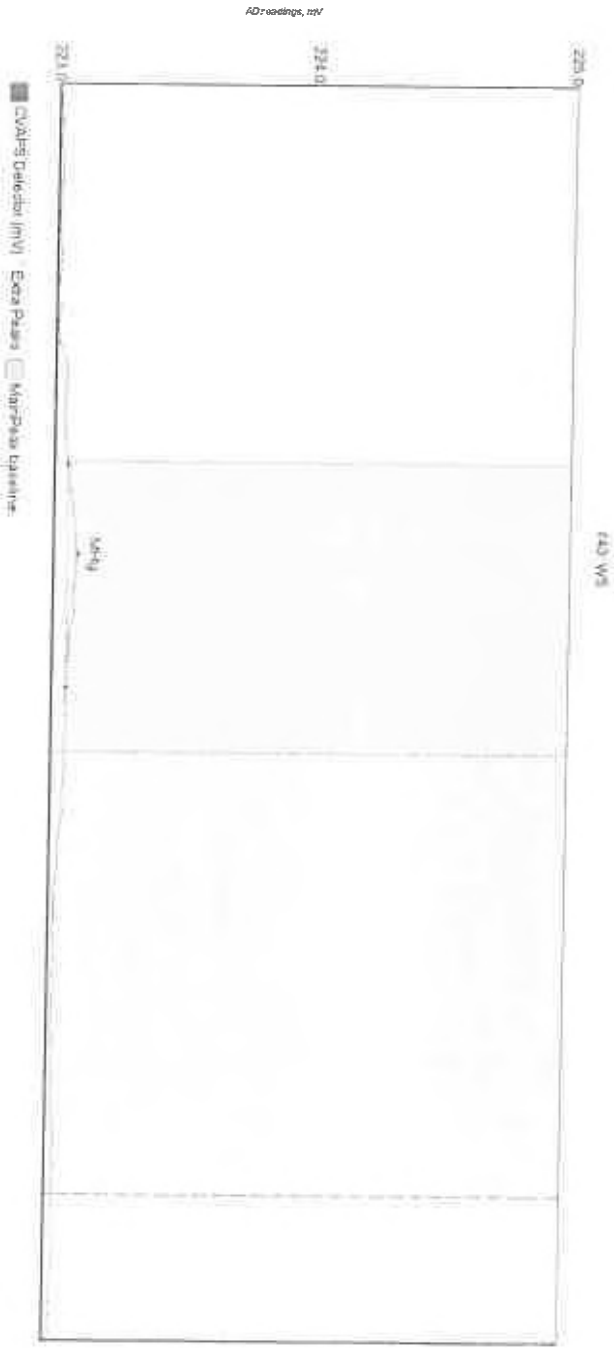


Name	Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	Width	Height	Comment
MS	6.357	81.8	115.6	223.05	223.04	105.4	0.023	OK	223.0036	0.00	0.00	

#41: WS



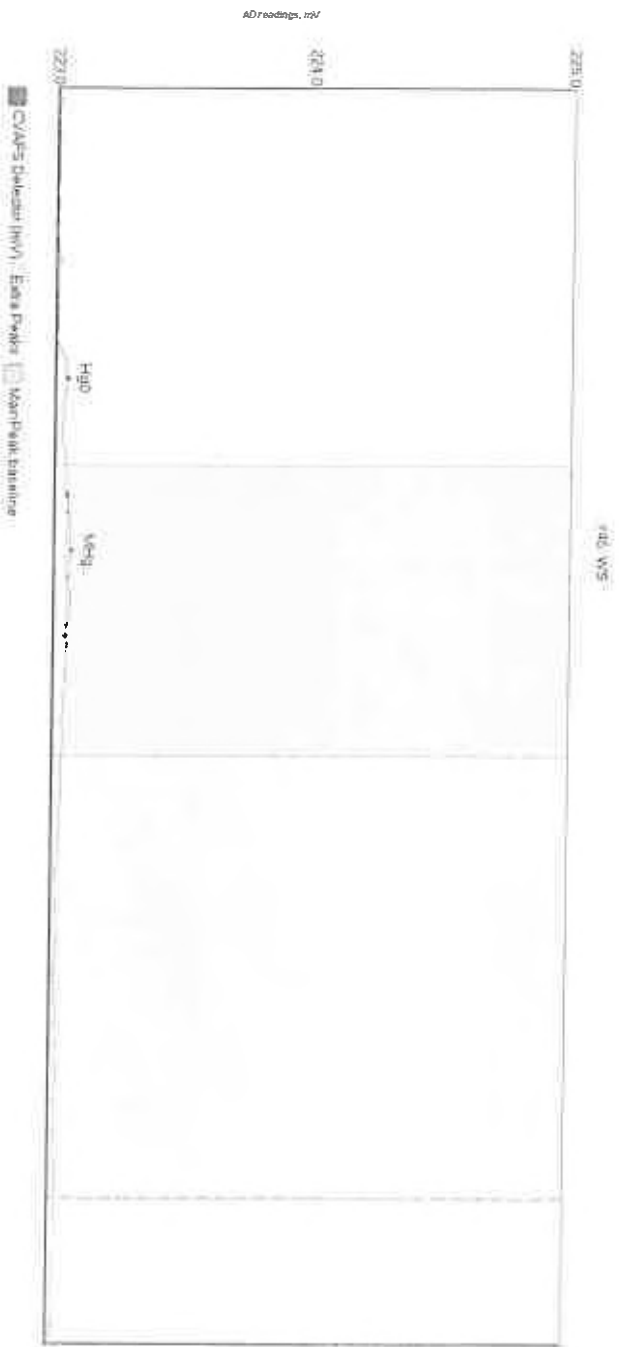
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BLDev	BLShift	Comment
WS	3.709	78.3	110.0	223.04	223.05	93.2	0.021	OK	222.9970	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Dev	B1Shift	Comment
MS	9.270	75.6	119.6	223.04	223.05	93.3	0.043	OK	222.9931	0.00	0.02	



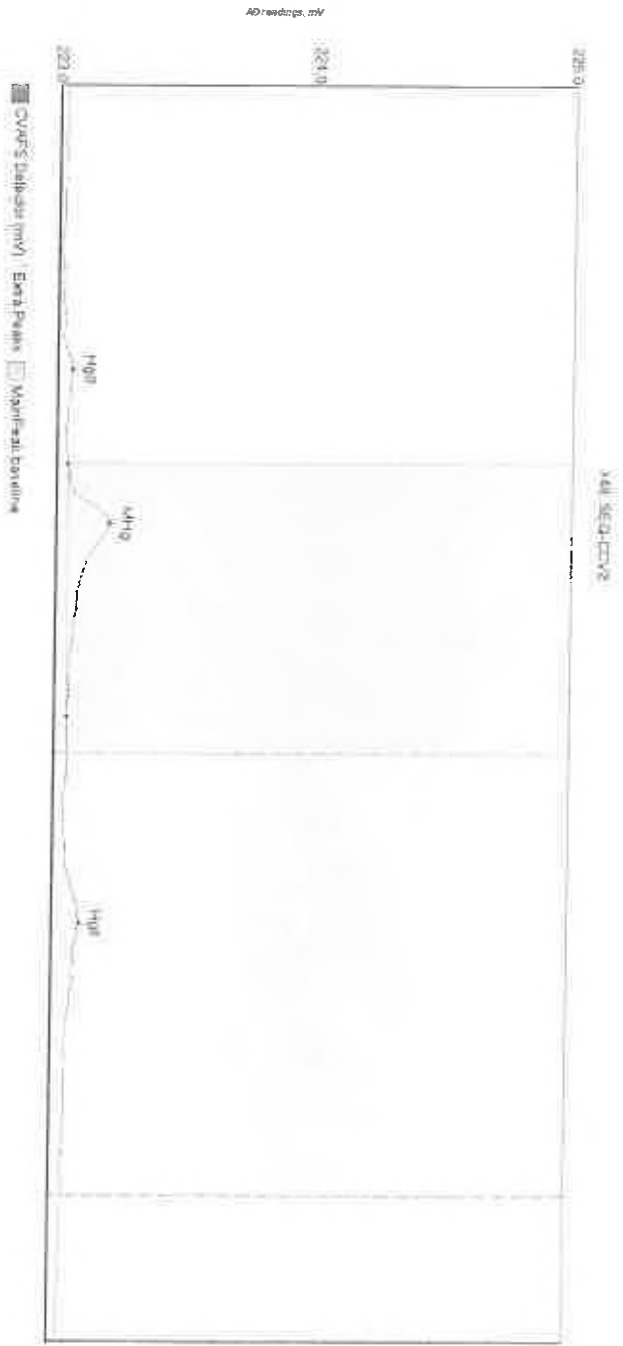
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RIDev	BIShift	Comment
MS Hq0	2.484	49.6	75.0	223.00	223.03	74.9	0.037	CF	222.9949	0.00	0.02	
MS MHg	6.958	76.9	116.8	223.03	223.03	90.0	0.033	OK	222.9949	0.00	0.02	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BLDev	WShift	Comment
MS_H40	3.642	49.5	69.8	222.99	223.02	57.8	0.943	OK	223.0038	0.00	0.00	
MS_M49	2.896	80.9	108.7	223.01	223.04	91.7	0.018	OK	223.0038	0.00	0.00	



Area	Start Time	End Time	Start Value	End Value	Peak Max	Peak Height	Flags	Baseline	BI Dev	BI Shift	Comment
3.328	49.3	71.3	223.01	223.02	56.6	0.040	OK	223.0118	0.00	0.01	
8.880	75.1	129.1	223.03	223.03	92.1	0.034	OK	223.0118	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDiv	BShift	Comment
SRQ-CV2 Hg0	2.793	50.0	67.9	223.00	223.02	56.5	0.033	OK	223.0115	0.00	0.01	
SRQ-CV2 MHg	24.493	75.2	125.1	223.02	223.03	86.9	0.167	OK	223.0115	0.00	0.01	
SRQ-CV2 Hg11	8.907	154.4	186.4	223.03	223.04	166.0	0.055	OK	223.0115	0.00	0.01	

#48-SEO-COB2



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEO-COB2	2.305	46.3	75.0	223.00	223.04	79.3	0.039	CM	223.0127	0.00	0.01	
SEO-COB2	4.478	79.3	123.9	223.04	223.04	96.9	0.022	OK	223.0127	0.00	0.01	

ANALYSIS SEQUENCE

0J13018

Analyzed with
0J13019, 0J13020
MFS 10/13/20

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/12/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J13018-IBL1	QC	1			
0J13018-IBL2	QC	2			
0J13018-IBL3	QC	3			
0J13018-CAL1	QC	4	2002064		
0J13018-CAL2	QC	5	2002065		
0J13018-CAL3	QC	6	2002220		
0J13018-CAL4	QC	7	2002221		QUALITY ASSURANCE
0J13018-CAL5	QC	8	2002222		PEER-REVIEWED
0J13018-ICV1	QC	9	2001809		
0J13018-ICB1	QC	10			INITIALS: <i>PLS</i>
F009416-BLK6	QC	11			
F009416-MS3	QC	12			
F009416-MS4	QC	13			
F009416-MSD4	QC	14			
0I00073-01RE1	Hg-CVAFS-S-7474	15			Added 10/8/2020 by MFS
0I00073-02RE1	Hg-CVAFS-S-7474	16			Added 10/8/2020 by MFS
0I00073-06RE2	Hg-CVAFS-S-7474	17			Added 10/8/2020 by MFS
0I00073-18RE1	Hg-CVAFS-S-7474	18			Added 10/8/2020 by MFS
0I00073-19RE1	Hg-CVAFS-S-7474	19			Added 10/8/2020 by MFS
F009418-BLK4	QC	20			
0J13018-CCV1	QC	21	2001809		
0J13018-CCB1	QC	22			
F009418-BS2	QC	23			
F009418-BSD2	QC	24			
F009437-BLK4	QC	25			
F009437-BS5	QC	26			
0J13018-CCV2	QC	27	2001809		
0J13018-CCB2	QC	28			
F009419-BS2	QC	29			
F009419-BSD2	QC	30			
0I00073-70RE1	Hg-CVAFS-S-7474	31			Added 10/8/2020 by MFS
0I00073-71RE1	Hg-CVAFS-S-7474	32			Added 10/8/2020 by MFS
0I00073-72RE1	Hg-CVAFS-S-7474	33			Added 10/8/2020 by MFS
0I00073-73RE1	Hg-CVAFS-S-7474	34			Added 10/8/2020 by MFS
0I00073-74RE1	Hg-CVAFS-S-7474	35			Added 10/8/2020 by MFS
0I00073-75RE1	Hg-CVAFS-S-7474	36			Added 10/8/2020 by MFS

ANALYSIS SEQUENCE

0J13018

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 10/12/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00073-76RE1	Hg-CVAFS-S-7474	37			Added 10/8/2020 by MFS
0I00073-77RE1	Hg-CVAFS-S-7474	38			Added 10/8/2020 by MFS
0J13018-CCV3	QC	39	2001809		
0J13018-CCB3	QC	40			
0I00073-78RE1	Hg-CVAFS-S-7474	41			Added 10/8/2020 by MFS
0I00073-79RE1	Hg-CVAFS-S-7474	42			Added 10/8/2020 by MFS
0I00073-80RE1	Hg-CVAFS-S-7474	43			Added 10/8/2020 by MFS
0I00073-81RE1	Hg-CVAFS-S-7474	44			Added 10/8/2020 by MFS
0I00073-AURE1	Hg-CVAFS-S-7474	45			Added 10/8/2020 by MFS
0I00073-AVRE1	Hg-CVAFS-S-7474	46			Added 10/8/2020 by MFS
F009422-BLK4	QC	47			
F009422-MS3	QC	48			
0I00073-AYRE1	Hg-CVAFS-S-7474	49			Added 10/12/2020 by MFS
0J13018-CCV4	QC	50	2001809		
0J13018-CCB4	QC	51			
F009422-MSD3	QC	52			
0J13018-CCV5	QC	53	2001809		
0J13018-CCB5	QC	54			

[Signature] 10/13/20
 Samples Loaded By Date

[Signature] 10/13/20
 Data Processed By Date

Failing Data Report - 0J13018

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD	RPD Limit	Over Cal	Failure	Qualifier
F009416-MSD4	Hg-CVAFS-S-7474	2603	390	2738.675914.6186	2437.4	2437.4	ng/g	69.3	71.00	125.00	5.98	24.00	PASS-OVER	FAIL-MSD (Rec.)	QR-07
F009422-BLK4	Hg-CVAFS-S-7474	5.54	4.00				ng/g						PASS-OVER	FAIL-BLK	QB-01,QB-02
F009422-MS3	Hg-CVAFS-S-7474	1665	160	723.1471	1821.6	1821.6	ng/g	51.7	71.00	125.00			PASS-OVER	FAIL-MS	QM-07
F009422-MSD3	Hg-CVAFS-S-7474	1751	158	1665.403723.1471	1796.5	1796.5	ng/g	57.2	71.00	125.00	10.1	24.00	PASS-OVER	FAIL-MSD (Rec.)	QM-07



 Analyst Reviewed By _____ Date 10/13/20

Peer Reviewed By _____ Date _____

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: OJ13018
Reviewer: _____	Dataset ID(s): THg26003-201012-1
Date: 10/13/2020	WO (s) #: 0100073
Batch #(s): Multiple	

• Select the correct preparation method.

Analyte	Prep Method	Matrix
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2985	FSTM Trap 70:30 Digest Air/Gas
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2807	Modified Cold Aqua Regia Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2821	Shared Bomb- HF/HNO3/HCl Digest Sed/Soil
<input type="checkbox"/> THg	EFTM-T-TM-SOP2825	Nitric Acid Oven Bomb Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2795	70:30 Digest Tissue
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2800	KCl Trap BrCl Oxidation Air/Gas
<input type="checkbox"/> THg	EFTM-T-TM-SOP2837	Shared Nitric Tissue
<input type="checkbox"/> THg	EFSR-P-SP-SOP2796	BrCl Oxidation Water
<input type="checkbox"/> Hg ⁰	NA	NA Water
<input type="checkbox"/> Inorg Hg	NA	NA Water

THg SOP 15401
4/8 MFS
10/13/20

7474 Sed

Analyst Initials: MFS

Reviewer Initials: PGS

1. Compare SampleID with Benchsheet/Sequence/Raw Data (Have all samples been imported?) YES NO
2. Check for transcription errors from Excel spreadsheet (or Prep Benchsheet)/Raw data YES NO
 - (a) On raw data (instrument print-out), does correct file (dataset ID#) name appear in description? YES NO
 Naming convention: THg26001-yymmdd-1 or THg26002-yymmdd-1
 - (b) Check 5% of transcription from Instrument print-out and Excel file YES NO
 Compare the "Dilute" and "Peak (raw)" columns to "Dilution" and "Uncorrected Result" in Excel
 - (c) Check standards & reagents in sequence & bench sheet for correct usage (expiries). YES NO N/A
 - (d) Check and compare masses (review prep benchsheet) YES NO N/A
 - (e) Check & compare initial & final volumes YES NO N/A
 - (f) Do aliquots and dilutions written on benchsheet match those in Excel? YES NO N/A
 50 ml / aliquot = Excel dilution value
 - (g) Is the sequence #, analyst, date, and instrument # on the QC page? YES NO
 - (h) Is the analysis status correct? (analyzed/initial review/reviewed) YES NO
 - (i) Original prep bench sheet added to data package? YES NO
 - (j) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract) YES NO
3. High QA? YES NO
 WO#(s)/Client(s): _____
4. Client specific QC? (if Yes, refer to Project Notes/LIMS) YES NO
 - (a) Have the QC requirements been met for all WO#s? YES NO
 - (b) Prep blanks corrections/assigned properly YES NO
- 5a. 20 or fewer samples in batch? YES NO
 - (i) 3 PBs, 1 LCS(or BS), 1 LCSD(or BSD), 1 DUP/Batch 1 MS/MSD (or AS/ASD)/10 samples? YES NO
 - (ii) 1 CCV and 1 CCB every 10 analytical runs? YES NO

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst: MFS	Sequence(s) #: 0J13018
Reviewer:	Dataset ID(s): THg26003-201012-1
Date: 10/13/2020	WO (s) #: 0100073
Batch #(s): Multiple	

Analyst Initials MFS

Reviewer Initials PLS

- 5b. Has the B/C section data been uploaded? YES NO N/A
- QA/QC Data Checked**
6. RSD CF ($\leq 15\%$) PASS FAIL
 Comments: _____
7. The calibration curve included a minimum of 5 Standards YES NO
 Comments: _____
8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) PASS FAIL
9. ICV and CCV % Recoveries EPA 1631E (77-123%) PASS FAIL
 Comments: _____
10. Do all calibration points pass acceptance criteria? YES NO
 Comments: _____
11. Are qualifiers consistent with the data review flowcharts? YES NO N/A
 Comments: _____
12. Explain any items on the failed data report from Element
 Comments: _____
13. Are the individual Preparation Blanks $< PQL$ or $< 2.2xMDL$ for WI (refer to appropriate prep method PQL list) PASS FAIL
 (a) If not $< PQL$ or $< 2.2xMDL$ for WI, note which PB(s) are above control limit: FOXA122 - Bulk
 (b) Is the mean PB $< PQL$ or $< 2.2xMDL$ for WI (for appropriate qualification)? YES NO
 (c) Was a BrCl Blank analyzed for each preservation level? YES NO N/A
 (d) Are Preparation Blanks summarized on QC page? YES NO
14. Filtration Blank Prepared (if yes, use FB qualifier) YES NO
 (a) Filtration Blank prep date same as associated samples' prep date YES NO N/A
 (b) Filtration Blank absolute value $< PQL$ or $< 2.2xMDL$ for WI YES NO N/A
15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? PASS FAIL
 Comments: _____
16. CCBs individually < 0.50 ng/L or $2.2 \times MDL$ for WI? PASS FAIL
 Comments: _____
17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) YES NO N/A
18. Is the correct 'Source' designated for MD/MS/MSD? YES NO
19. For digested preps: was there a spike witness signature & date on the prep bench sheet? YES NO N/A

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	MFS	Sequence(s) #:	0J13018
Reviewer:		Dataset ID(s):	THg26003-201012-1
Date:	10/13/2020	WO (s) #:	0I00073
Batch #(s):	Multiple		

Analyst Initials MFS

Reviewer Initials PES

- | | | | |
|--|--|-------------------------------|---|
| 20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Comments: _____ | | | |
| 21. Are all samples within instrument calibration range? (or at minimum dilution size) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | <input type="checkbox"/> |
| Comments: _____ | | | |
| 22. Are the samples run at the correct dilution level for the method? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| Comments: _____ | | | |
| 23. Dissolved < Total (if applicable) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 24. Effluent < Influent (visually confirm if needed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 25. Are re-runs noted with reason? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| Comments: _____ | | | |
| 26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 27. Is the B trap <5% A Traps | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 28. Are spiked trap recoveries 75-125% of true value? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| Comments: _____ | | | |
| 29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| Comments: _____ | | | |
| 30. Have re-extracts been created for non-reportable samples? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A |
| 31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| 32. Does the data set need scanning? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A |
| 33. Does the dataset have an LOQ/LOQ or DOC? | <input type="checkbox"/> YES | | <input checked="" type="checkbox"/> N/A |
| 34. Water samples: has the preservation log been included in dataset for final volume verification? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |
| 35. Water samples-is the final volume correct in the sequence? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A |

Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\IDOCs

- | | | | | | |
|---|----------|----------------------------------|---|--|--------------------------|
| 36. Date of analyst IDOC/CDOC: _____ | 3/2/20 | IDOC/CDOC within last 12 months? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 37. Date of analyst's SOP reading for method: _____ | 3/2/20 | Current SOP revision read? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> |
| 38. Date of LOD: _____ | 12/29/19 | LOD within last 3 months? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |
| 39. Date of LOQ: _____ | 12/29/19 | LOQ within last 3 months? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> |

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

PREPARATION BENCH SHEET

F009416

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation Prepared: 9/28/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009416-BLK1	Blank	0.5	200					
F009416-BLK2	Blank	0.5	200					
F009416-BLK3	Blank	0.5	200					
F009416-BLK4	Pre-homogenization blank	0.5	200					
F009416-BLK5	Post-homogenization blank	0.5	200					
F009416-BLK6	Blank	0.5	200					RR BLK1 @ 10x for confirmation MFS 10/8/2020
F009416-BS1	LCS	0.5	200	2001204	40			
F009416-BSD1	LCS Dup	0.5	200	2001204	40			
F009416-MS1	Matrix Spike [0100073-18]	0.5011	200	2002298	50			
F009416-MS2	Matrix Spike [0100073-19]	0.5144	200	2002298	50			
F009416-MS3	Matrix Spike [0100073-18RE1]	0.5011	200	2002298	50			E-01: RR MS1@400x MFS 10/8/20
F009416-MS4	Matrix Spike [0100073-19RE1]	0.5144	200	2002298	50			E-01: RR MS2@400x MFS 10/8/20
F009416-MSD2	Matrix Spike Dup [0100073-19]	0.5233	200	2002298	50			
F009416-MSD4	Matrix Spike Dup [0100073-19RE1]	0.5233	200	2002298	50			E-01: RR MSD2@400x MFS 10/8/20

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009416

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-01	ES-02_091620_SED_00-01	0.5146	200	-	-	S&R		
0100073-01RE1	ES-02_091620_SED_00-01	0.5146	200	-	-	S&R	Added 10/8/2020 by MFS	E: RR@50x MFS 10/8/20
0100073-02	ES-02_091620_SED_01-03	0.5331	200	-	-	S&R		
0100073-02RE1	ES-02_091620_SED_01-03	0.5331	200	-	-	S&R	Added 10/8/2020 by MFS	E: RR@50x MFS 10/8/20
0100073-05	FRB-02_091520_SED_01-03	0.5105	200	-	-	S&R		
0100073-06	FRB-02_091520_SED_03-05	0.5238	200	-	-	S&R		
0100073-06RE1	FRB-02_091520_SED_03-05	0.5238	200	-	-	S&R	Added 10/6/2020 by MFS	Added 10/6/2020 by MFS
0100073-06REZ	FRB-02_091520_SED_03-05	0.5238	200	-	-	S&R	Added 10/8/2020 by MFS	E-01: RR@50x MFS 10/8/20
0100073-08	VN-MU3-GC-1_091620_SED_00-01	0.5265	200	-	-	S&R		
0100073-12	ADD-01_091620_SED_01-03	0.5243	200	-	-	S&R		
0100073-13	ADD-01_091620_SED_03-05	0.531	200	-	-	S&R		
0100073-14	ADD-02_091620_SED_00-01	0.5527	200	-	-	S&R		
0100073-15	ADD-02_091620_SED_01-03	0.5002	200	-	-	S&R		
0100073-15RE1	ADD-02_091620_SED_01-03	0.5002	200	-	-	S&R	Added 10/6/2020 by MFS	Added 10/6/2020 by MFS
0100073-16	ADD-02_091620_SED_03-05	0.5086	200	-	-	S&R		
0100073-18	OR-TI-C3_091620_SED_01-03	0.5024	200	QC	-	S&R	MS/MSD	
0100073-18RE1	OR-TI-C3_091620_SED_01-03	0.5024	200	QC	-	S&R	MS/MSD Added 10/8/2020 by MFS	E: RR@50x MFS 10/8/20
00073-19	OR-TI-C3_091620_SED_03-05	0.54	200	QC	-	S&R	MS/MSD	
00073-19RE1	OR-TI-C3_091620_SED_03-05	0.54	200	QC	-	S&R	MS/MSD Added 10/8/2020 by MFS	E: RR@50x MFS 10/8/20

PREPARATION BENCH SHEET

F009416

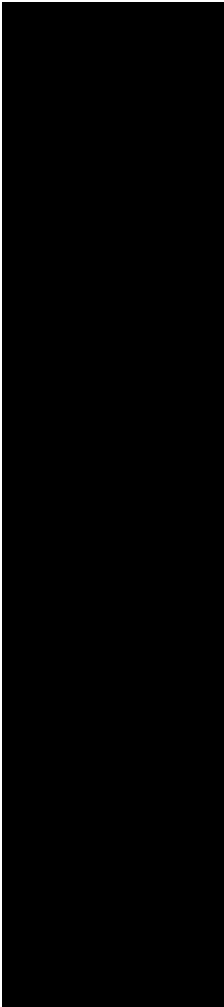
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/28/2020

0100073-20	OR-T1-C5_091620_SED_00-01	0.5331	200	-	-	S&R	
------------	---------------------------	--------	-----	---	---	-----	--



PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009418-BLK1	Blank	0.5	200					
F009418-BLK2	Blank	0.5	200					
F009418-BLK3	Blank	0.5	200					
F009418-BLK4	Blank	0.5	200					E-01: RR BLK1@10x MFS 10/8/2020
F009418-BS1	LCS	0.5	200	2001204	81.3			
F009418-BS2	LCS	0.5	200	2001204	81.3			E; RR BS1@20x MFS 10/8/20
F009418-BSD1	LCS Dup	0.5	200	2001204	81.3			
F009418-BSD2	LCS Dup	0.5	200	2001204	81.3			
F009418-MS1	Matrix Spike [0100073-42]	0.5074	200	2002298	91.1			E; RR BS1@20x MFS 10/8/20
F009418-MSD1	Matrix Spike Dup [0100073-42]	0.5157	200	2002298	91.1			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1.000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, TraceMetal Grade	01-Mar-22 00:00
2002298	THg 10.000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001974	50% Stannous Chloride Working solution	09-Feb-21 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-42	OR-T1-C1_091720_SED_003-05	0.5108	200	-	-	S&R		
0100073-43	PBR-28_0917_SED_00-01	0.5134	200	-	-	S&R		
0100073-45	W-17-N_091720_SED_01-03	0.5114	200	-	-	S&R		
0100073-47	OR-T1-C1_091720_SED_03-05_DUP	0.5098	200	-	-	S&R		
0100073-48	OV-01_091820_SED_00-01	0.5109	200	-	-	S&R		
0100073-48RE1	OV-01_091820_SED_00-01	0.5109	200	-	-	S&R	Added 10/12/2020 by PGS	Added 10/12/2020 by PGS
0100073-49	OV-01_091820_SED_01-03	0.5032	200	-	-	S&R		
0100073-49RE1	OV-01_091820_SED_01-03	0.5032	200	-	-	S&R	Added 10/12/2020 by PGS	Added 10/12/2020 by PGS
0100073-50	OV-01_091820_SED_03-05	0.5079	200	-	-	S&R		
0100073-50RE1	OV-01_091820_SED_03-05	0.5079	200	-	-	S&R	Added 10/12/2020 by PGS	Added 10/12/2020 by PGS
0100073-51	PBR-28_091720_SED_00-01_DUP	0.5174	200	-	-	S&R		
0100073-53	PBR-28_091720_SED_01-03_DUP	0.519	200	-	-	S&R		
0100073-54	PBR-28_091720_SED_03-05	0.5163	200	-	-	S&R		
0100073-55	PBR-28_091720_SED_03-05_DUP	0.5066	200	-	-	S&R		
0100073-56	W-22-Mid_091820_SED_00-01	0.513	200	-	-	S&R		
0100073-57	W-22-Mid_091820_SED_01-03	0.5015	200	-	-	S&R		
0100073-58	W-22-Mid_091820_SED_03-05	0.5177	200	-	-	S&R		
0100073-59	MM-T2-C1_091820_SED_00-01	0.5043	200	-	-	S&R		
0100073-60	MM-T2-C1_091820_SED_01-03	0.5009	200	-	-	S&R		

PREPARATION BENCH SHEET

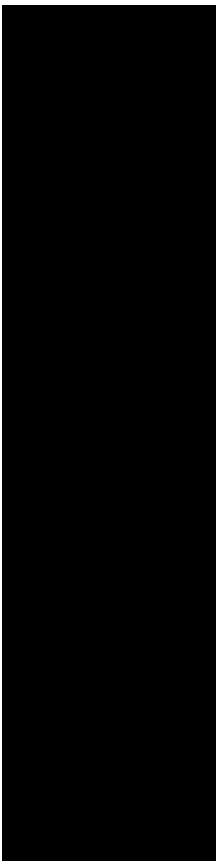
F009418

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020



PREPARATION BENCH SHEET

F009437

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009437-BLK1	Blank	0.5	200					
F009437-BLK2	Blank	0.5	200					
F009437-BLK3	Blank	0.5	200					
F009437-BLK4	Blank	0.5	200					RR Blk1 for confirmation MFS 10/9/20
F009437-BS1	LCS	0.5	200	2001204	81.3			
F009437-BS2	LCS	0.5	200	2001204	81.3			
F009437-BS3	LCS	0.5	200	2001204	81.3			
F009437-BS4	LCS	0.5	200	2001204	81.3			
F009437-BS5	LCS	0.5	200	2001204	81.3			Added 10/13/2020 by MFS

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
			2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009437

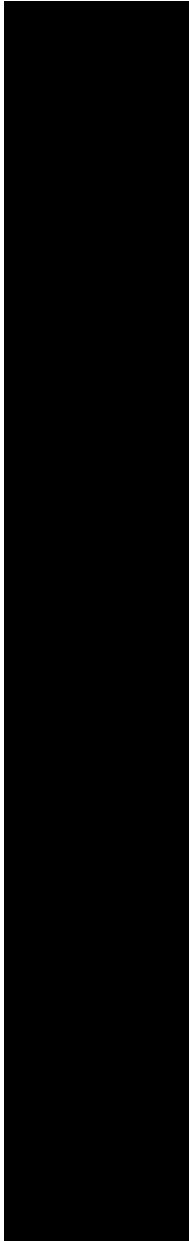
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 9/29/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100095-01	MVB IDOC 2020	0.5	200	-	-	S&R	Multiple preps with different due dates	



PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation**

Prepared: 9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009419-BLK1	Blank	0.5	200					
F009419-BLK2	Blank	0.5	200					
F009419-BLK3	Blank	0.5	200					
F009419-BS1	LCS	0.5	200	2001204	81.3			
F009419-BS2	LCS	0.5	200	2001204	81.3			E: RR BS1@20x MFS 10/8/20
F009419-BSD1	LCS Dup	0.5	200	2001204	81.3			
F009419-BSD2	LCS Dup	0.5	200	2001204	81.3			E-01: RR BSD1@20x MFS 10/8/20
F009419-MS1	Matrix Spike [0100073-61]	0.502	200	2002298	91.1			
F009419-MS2	Matrix Spike [0100073-67]	0.5313	200	2002298	91.1			
F009419-MSD1	Matrix Spike Dup [0100073-61]	0.5031	200	2002298	91.1			
F009419-MSD2	Matrix Spike Dup [0100073-67]	0.5121	200	2002298	91.1			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002050	Boiling Chips for Trace Metals	20-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation**

Prepared: 9/30/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-61	MM-T2-C1_091820_SED_03-05	0.5087	200	-	-	S&R		
0100073-63	MM-T5-C1_091820_SED_00-01	0.5189	200	-	-	S&R		
0100073-64	MM-T5-C1_091820_SED_01-03	0.5168	200	-	-	S&R		
0100073-65	MM-T5-C1_091820_SED_03-05	0.5263	200	-	-	S&R		
0100073-66	OB-05_091820_SED_00-01	0.5097	200	-	-	S&R		
0100073-67	OB-05_091820_SED_01-03	0.5481	200	QC	-	S&R	MS/MSD	
0100073-68	OB-05_091820_SED_03-05	0.5224	200	-	-	S&R		
0100073-69	W-17-Intertidal_091820_SED_00-01	0.512	200	-	-	S&R		
0100073-70	W-17-Intertidal_091820_SED_01-03	0.5206	200	-	-	S&R		
0100073-70RE1	W-17-Intertidal_091820_SED_01-03	0.5206	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-71	W-17-Intertidal_091820_SED_03-05	0.5097	200	-	-	S&R		
0100073-71RE1	W-17-Intertidal_091820_SED_03-05	0.5097	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-72	FF-08-02_091820-SED-00-01	0.5384	200	-	-	S&R		
0100073-72RE1	FF-08-02_091820-SED-00-01	0.5384	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-73	FF-08-02_091820-SED-00-01_DUP	0.5191	200	-	-	S&R		
0100073-73RE1	FF-08-02_091820-SED-00-01_DUP	0.5191	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-74	FF-08-02_091820-SED-01-03	0.5125	200	-	-	S&R		
0073-74RE1	FF-08-02_091820-SED-01-03	0.5125	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0073-75	FF-08-02_091820-SED-01-03_DUP	0.5169	200	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009419

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation**

Prepared: 9/30/2020

0100073-75RE1	FF-08-02_091820-SED-01-03_DUP	0.5169	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-76	FF-08-02_091820-SED-03-05	0.5078	200	-	-	S&R		
0100073-76RE1	FF-08-02_091820-SED-03-05	0.5078	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-77	FF-08-02_091820-SED-03-05_DUP	0.5004	200	-	-	S&R		
0100073-77RE1	FF-08-02_091820-SED-03-05_DUP	0.5004	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-78	W-17-Low_091820_SED_00-01	0.5022	200	-	-	S&R		
0100073-78RE1	W-17-Low_091820_SED_00-01	0.5022	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-79	W-17-Low_091820_SED_01-03	0.5089	200	-	-	S&R		
0100073-79RE1	W-17-Low_091820_SED_01-03	0.5089	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-80	W-17-Low_091820_SED_03-05	0.5143	200	-	-	S&R		
0100073-80RE1	W-17-Low_091820_SED_03-05	0.5143	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20
0100073-81	W-61-Intertidal_091820_SED_00-01	0.5117	200	-	-	S&R		
0100073-81RE1	W-61-Intertidal_091820_SED_00-01	0.5117	200	-	-	S&R	Added 10/8/2020 by MFS	CCV Fail: RR@50x MFS 10/8/20

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009421-BLK1	Blank	0.5	200					
F009421-BLK2	Blank	0.5	200					
F009421-BLK3	Blank	0.5	200					
F009421-BS1	LCS	0.5	200	2001204	81.3			
F009421-BSD1	LCS Dup	0.5	200	2001204	81.3			
F009421-MS1	Matrix Spike [0100073-AC]	0.5169	200	2002298	91.1			
F009421-MS2	Matrix Spike [0100073-AD]	0.5095	200	2002298	91.1			
F009421-MSD1	Matrix Spike Dup [0100073-AC]	0.5198	200	2002298	91.1			
F009421-MSD2	Matrix Spike Dup [0100073-AD]	0.5132	200	2002298	91.1			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 10/1/2020**

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AC	ES-FP_091920_SED_01-03	0.5271	200	-	-	S&R		
0100073-AD	ES-FP_091920_SED_030-036	0.5273	200	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	0.5198	200	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	0.5059	200	-	-	S&R		
0100073-AG	L9-45_092020_SED_03-05	0.5289	200	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	0.5039	200	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	0.5212	200	-	-	S&R		
0100073-AJ	CJ-04_092020_SED_03-05	0.5211	200	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	0.5298	200	-	-	S&R		
0100073-AL	W-61-High_0902020_SED_00-01	0.5006	200	-	-	S&R		
0100073-AM	W-61-High_0902020_SED_01-03	0.5251	200	-	-	S&R		
0100073-AN	W-61-High_0902020_SED_03-05	0.5298	200	-	-	S&R		
0100073-AO	W-61-Low_092020_SED_00-01	0.5134	200	-	-	S&R		
0100073-AP	W-61-Low_092020_SED_01-03	0.5062	200	-	-	S&R		
0100073-AQ	W-61-Low_092020_SED_03-05	0.5199	200	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	0.522	200	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	0.5041	200	-	-	S&R		
0073-AT	W-61-Mid_092020_SED_03-05	0.5291	200	-	-	S&R		
0073-AU	FRB-01_092120_SED_00-01	0.5201	200	-	-	S&R		

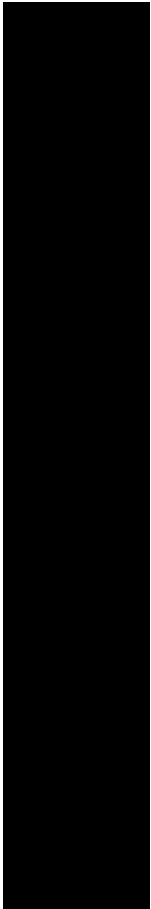
PREPARATION BENCH SHEET

F009421

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation** **Prepared: 10/1/2020**

0100073-AURE1	FRB-01_092120_SED_00-01	0.5201	200	-	-	S&R	Added 10/8/2020 by MFS	Undercurve: RR@10x MFS 10/8/2020
0100073-AV	FRB-01_092120_SED_01-03	0.5247	200	-	-	S&R		
0100073-AVRE1	FRB-01_092120_SED_01-03	0.5247	200	-	-	S&R	Added 10/8/2020 by MFS	Undercurve: RR@10x MFS 10/8/2020



PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment **Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation**

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009422-BLK1	Blank	0.5	200					
F009422-BLK2	Blank	0.5	200					
F009422-BLK3	Blank	0.5	200					
F009422-BLK4	Blank	0.5	200					RR BLK3 for confirmation MFS 10/2/2020
F009422-BS1	LCS	0.5	200	2001204	81.3			
F009422-BSD1	LCS Dup	0.5	200	2001204	81.3			
F009422-MS1	Matrix Spike [0100073-AX]	0.5202	200	2002298	91.1			
F009422-MS2	Matrix Spike [0100073-AY]	0.5001	200	2002298	91.1			
F009422-MS3	Matrix Spike [0100073-AYRE1]	0.5001	200	2002298	91.1			E-01: RR_MS2@400x MFS 10/12/20
F009422-MSD1	Matrix Spike Dup [0100073-AX]	0.5142	200	2002298	91.1			
F009422-MSD2	Matrix Spike Dup [0100073-AY]	0.5071	200	2002298	91.1			
F009422-MSD3	Matrix Spike Dup [0100073-AYRE1]	0.5071	200	2002298	91.1			

Standard ID(s):	Description:	Expiration:	Reagent ID(s):	Description:	Expiration:
2001204	THg 1,000ng/mL Secondary Spiking Standard	05-Nov-20 00:00	2001932	Fisher Nitric Acid, Tracemetal Grade	01-Mar-22 00:00
2002298	THg 10,000ng/mL Primary Spiking Standard	05-Nov-20 00:00	2001973	TraceMetal Grade Hydrochloric Acid	21-Jan-23 00:00
			2001977	THg Dilute 1% BrCl	07-Feb-21 00:00
			2002104	TraceMetal Grade Hydrochloric Acid	24-Mar-23 00:00
			2002218	3% SnCl2 THg reductant	09-Feb-21 00:00
			2002316	7474 Potassium Bromate/Bromide Reagent	09-Oct-20 00:00
			2002353	25% Hydroxylamine-HCl working solution	01-Apr-21 00:00
			2002354	THg Washstation (0.5% BrCl)	07-Feb-21 00:00

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AW	FRB-01_092120_SED_03-05	0.5122	200	-	-	S&R		
0100073-AWRE1	FRB-01_092120_SED_03-05	0.5122	200	-	-	S&R	Added 10/12/2020 by PGS	Added 10/12/2020 by PGS
0100073-AX	MM-T2-C3_092120_SED_01-03	0.5032	200	QC	-	S&R	MS/MSD	
0100073-AY	MM-T2-C3_092120_SED_03-05	0.514	200	QC	-	S&R	MS/MSD	
0100073-AYRE1	MM-T2-C3_092120_SED_03-05	0.514	200	QC	-	S&R	MS/MSD Added 10/12/2020 by MFS	E: RR@100x MFS 10/12/20
0100073-AZ	MM-T5-C3_092120_SED_00-01	0.508	200	-	-	S&R		
0100073-BA	MM-T5-C3_092120_SED_01-03	0.5152	200	-	-	S&R		
0100073-BB	MM-T5-C3_092120_SED_03-05	0.5071	200	-	-	S&R		
0100073-BC	W-17-High_092120_SED_00-01	0.5136	200	-	-	S&R		
0100073-BD	W-17-High_092120_SED_01-03	0.5103	200	-	-	S&R		
0100073-BE	W-17-High_092120_SED_03-05	0.5129	200	-	-	S&R		
0100073-BF	W-17-Mid_092120_SED_00-01	0.51	200	-	-	S&R		
0100073-BG	MM-T1-C2_092120_SED_00-01	0.5007	200	-	-	S&R		
0100073-BH	MM-T1-C2_092120_SED_01-03	0.5081	200	-	-	S&R		
0100073-BI	MM-T1-C2_092120_SED_03-05	0.5192	200	-	-	S&R		
0100073-BJ	W-17-Mid_092120_SED_01-03	0.5198	200	-	-	S&R		
0100073-BK	W-17-Mid_092120_SED_03-05	0.5114	200	-	-	S&R		
00073-BL	VN-02-04_091620_SED_00-01	0.5201	200	-	-	S&R		
00073-BM	VN-02-04_091620_SED_01-03	0.5123	200	-	-	S&R		

PREPARATION BENCH SHEET

F009422

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP14801 EPA 7474 Preparation

Prepared: 10/1/2020



Analysis Datasheet for Total Mercury

Date of Analysis: **October 12, 2020**
 Instrument #: Hg2600-3
 LIMS Sequence #: 0313018

Analyst: **AFS**
 Units: ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	216.86 units	433.72	150.48 units	300.96	111.2 %Rec
SEQ-CAL2	1	1.00 ng/L	329.15 units	329.15	262.77 units	262.77	97.1 %Rec
SEQ-CAL3	1	5.00 ng/L	1387.95 units	277.59	1321.57 units	264.31	97.7 %Rec
SEQ-CAL4	1	20.00 ng/L	5320.35 units	266.02	5253.97 units	262.70	97.1 %Rec
SEQ-CAL5	1	40.00 ng/L	10542.98 units	263.57	10476.60 units	261.91	96.8 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF **270.53** Corr. St Dev RF **+/- 17.03** Corr. RSD CF **6.3% RSD** Uncorr. Mean RF **314.01**

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	3	66.38 units	±17.85	0.21 ng/L	±0.06

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	1	1.090 ng/L	
BLK	2	1	1.762 ng/L	
BLK	3	1	7.629 ng/L	
BLK	4	0	0.000 ng/L	
BLK	5	0	0.000 ng/L	
BLK	6	1	13.843 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	10/12/2020 11:11:58	5270-1.RAW	11:11:59 AM	59.90			-6.5	-0.024	-0.024	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	10/12/2020 11:16:07	5271-1.RAW	11:16:07 AM	86.56			20.2	0.075	0.075	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	10/12/2020 11:20:16	5272-1.RAW	11:20:16 AM	52.67			-13.7	-0.051	-0.051	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	10/12/2020 11:24:24	5273-1.RAW	11:24:24 AM	216.86			150.5	0.556	0.556	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	10/12/2020 11:28:33	5274-1.RAW	11:28:33 AM	328.15			262.8	0.971	0.971	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	10/12/2020 11:32:42	5275-1.RAW	11:32:42 AM	1387.95			1321.6	4.885	4.885	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	10/12/2020 11:36:51	5276-1.RAW	11:36:51 AM	5320.35			5254.0	19.421	19.421	ng/L	
Hg2600-3	00	CAL	SEQ-CAL5	1	10/12/2020 11:41:00	5277-1.RAW	11:41:00 AM	10542.98			10476.6	38.726	38.726	ng/L	
Hg2600-3	00	CAL	SEQ-ICV1	1	10/12/2020 11:45:10	5278-1.RAW	11:45:10 AM	1524.02			1457.6	5.388	5.388	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	10/12/2020 11:49:18	5279-1.RAW	11:49:18 AM	87.59			21.2	0.078	0.078	ng/L	
Hg2600-3	00	BLK	F009416-BLK6	10	10/12/2020 11:53:28	5280-1.RAW	11:53:28 AM	95.86	1		29.5	0.109	1.090	ng/L	F009416
Hg2600-3	00	SAM	F009416-MS3	400	10/12/2020 11:57:37	5281-1.RAW	11:57:37 AM	2102.63	1		2036.3	7.524	3009.660	ng/L	F009416
Hg2600-3	00	SAM	F009416-MS4	400	10/12/2020 12:01:46	5282-1.RAW	12:01:46 PM	1934.59	1		1868.2	6.903	2761.198	ng/L	F009416
Hg2600-3	00	SAM	F009416-MSD4	400	10/12/2020 12:05:56	5283-1.RAW	12:05:56 PM	1873.13	1		1806.7	6.676	2670.318	ng/L	F009416
Hg2600-3	00	SAM	0100073-01RE1	50	10/12/2020 12:10:05	5284-1.RAW	12:10:05 PM	3338.00	1		3271.6	12.072	603.576	ng/L	F009416
Hg2600-3	00	SAM	0100073-02RE1	50	10/12/2020 12:14:14	5285-1.RAW	12:14:14 PM	4727.35	1		257.0	0.928	46.406	ng/L	F009416
Hg2600-3	00	SAM	0100073-06RE2	50	10/12/2020 12:18:23	5286-1.RAW	12:18:23 PM	323.36	1		4294.0	15.851	792.527	ng/L	F009416
Hg2600-3	00	SAM	0100073-18RE1	50	10/12/2020 12:22:32	5287-1.RAW	12:22:32 PM	4360.34	1		5243.6	19.361	968.032	ng/L	F009416
Hg2600-3	00	SAM	0100073-18RE1	50	10/12/2020 12:26:41	5288-1.RAW	12:26:41 PM	5309.94	1		47.7	0.176	1.762	ng/L	F009416
Hg2600-3	00	BLK	F009418-BLK4	10	10/12/2020 12:30:50	5289-1.RAW	12:30:50 PM	114.05	2		1346.8	4.978	4.978	ng/L	F009418
Hg2600-3	00	CAL	SEQ-CCV1	1	10/12/2020 12:34:59	5290-1.RAW	12:34:59 PM	1413.19			-4.7	-0.017	-0.017	ng/L	
Hg2600-3	00	CAL	SEQ-CCB1	1	10/12/2020 12:39:08	5291-1.RAW	12:39:08 PM	81.70			16.0	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F009418-BS2	20	10/12/2020 12:43:18	5292-1.RAW	12:43:18 PM	5923.00	2		5256.6	19.343	386.853	ng/L	F009418
Hg2600-3	00	SAM	F009418-BS2	20	10/12/2020 12:47:27	5293-1.RAW	12:47:27 PM	5811.11	2		5744.7	21.147	422.938	ng/L	F009418
Hg2600-3	00	SAM	F009418-BSD2	10	10/12/2020 12:51:36	5294-1.RAW	12:51:36 PM	272.76	3		206.4	7.629	7.629	ng/L	F009437
Hg2600-3	00	BLK	F009437-BLK4	10	10/12/2020 12:55:45	5295-1.RAW	12:55:45 PM	6856.48	3		6790.1	24.718	494.354	ng/L	F009437
Hg2600-3	00	SAM	F009437-BS5	20	10/12/2020 12:59:54	5296-1.RAW	12:59:54 PM	75.50			9.1	Error	#VALUE!	ng/L	FOR SAMPLE PREP
Hg2600-3	00	SAM	WS	1	10/12/2020 13:04:03	5297-1.RAW	13:04:03 PM	50.33			-16.0	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS	1	10/12/2020 13:08:12	5298-1.RAW	13:08:12 PM	43.76			-22.6	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS	1	10/12/2020 13:12:21	5299-1.RAW	13:12:21 PM	51.21			-15.2	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS	1	10/12/2020 13:16:30	5300-1.RAW	13:16:30 PM	46.30			-21.1	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS	1	10/12/2020 13:20:39	5301-1.RAW	13:20:39 PM	41.93			-24.4	Error	#VALUE!	ng/L	
Hg2600-3	00	CAL	SEQ-CCV2	1	10/12/2020 13:24:48	5302-1.RAW	13:24:48 PM	1369.75			1303.4	4.818	4.818	ng/L	
Hg2600-3	00	CAL	SEQ-CCB2	1	10/12/2020 13:28:58	5303-1.RAW	13:28:58 PM	62.56			-3.8	-0.014	-0.014	ng/L	
Hg2600-3	00	SAM	F009419-BS2	20	10/12/2020 13:33:07	5304-1.RAW	13:33:07 PM	5204.35	4		5138.0	18.992	379.843	ng/L	F009419
Hg2600-3	00	SAM	F009419-BS2	20	10/12/2020 13:37:16	5305-1.RAW	13:37:16 PM	4757.02	4		4690.6	17.339	346.772	ng/L	F009419
Hg2600-3	00	SAM	0100073-70RE1	50	10/12/2020 13:41:26	5306-1.RAW	13:41:26 PM	3734.10	4		3667.8	13.558	677.885	ng/L	F009419
Hg2600-3	00	SAM	0100073-72RE1	50	10/12/2020 13:45:35	5307-1.RAW	13:45:35 PM	5881.44	4		5815.1	21.495	1074.748	ng/L	F009419
Hg2600-3	00	SAM	0100073-72RE1	50	10/12/2020 13:49:45	5308-1.RAW	13:49:45 PM	3140.78	4		3074.4	11.364	568.215	ng/L	F009419
Hg2600-3	00	SAM	0100073-73RE1	50	10/12/2020 13:53:55	5309-1.RAW	13:53:55 PM	3015.42	4		2949.0	10.901	545.045	ng/L	F009419
Hg2600-3	00	SAM	0100073-74RE1	50	10/12/2020 13:58:04	5310-1.RAW	13:58:04 PM	3622.29	4		3751.8	13.444	657.210	ng/L	F009419
Hg2600-3	00	SAM	0100073-74RE1	50	10/12/2020 14:02:14	5311-1.RAW	14:02:14 PM	3818.15	4		3751.8	13.868	693.407	ng/L	F009419
Hg2600-3	00	SAM	0100073-78RE1	50	10/12/2020 14:06:23	5312-1.RAW	14:06:23 PM	4148.90	4		4082.5	15.091	754.538	ng/L	F009419
Hg2600-3	00	SAM	0100073-77RE1	50	10/12/2020 14:10:33	5313-1.RAW	14:10:33 PM	3634.23	4		3567.9	13.188	659.416	ng/L	F009419
Hg2600-3	00	CAL	SEQ-CCV3	1	10/12/2020 14:14:42	5314-1.RAW	14:14:42 PM	1461.99			1395.6	5.159	5.159	ng/L	F009419
Hg2600-3	00	CAL	SEQ-CCB3	1	10/12/2020 14:18:52	5315-1.RAW	14:18:52 PM	93.10			26.7	0.099	0.099	ng/L	
Hg2600-3	00	SAM	0100073-78RE1	50	10/12/2020 14:23:02	5316-1.RAW	14:23:02 PM	5203.41	4		5137.0	18.989	949.434	ng/L	F009419
Hg2600-3	00	SAM	0100073-79RE1	50	10/12/2020 14:27:11	5317-1.RAW	14:27:11 PM	4037.86	4		3971.5	14.680	734.016	ng/L	F009419
Hg2600-3	00	SAM	0100073-80RE1	50	10/12/2020 14:31:21	5318-1.RAW	14:31:21 PM	6552.24	4		6485.9	23.975	1198.726	ng/L	F009419
Hg2600-3	00	SAM	0100073-81RE1	50	10/12/2020 14:35:30	5319-1.RAW	14:35:30 PM	3462.66	4		3396.3	12.554	627.706	ng/L	F009419
Hg2600-3	00	SAM	0100073-81RE1	50	10/12/2020 14:39:40	5320-1.RAW	14:39:40 PM	752.06	5		2.535	2.535	25.346	ng/L	F009421
Hg2600-3	00	SAM	0100073-81RE1	50	10/12/2020 14:43:49	5321-1.RAW	14:43:49 PM	804.13	5		737.8	2.727	27.271	ng/L	F009421
Hg2600-3	00	BLK	F009422-BLK4	10	10/12/2020 14:47:59	5322-1.RAW	14:47:59 PM	440.68	6		374.5	1.384	13.843	ng/L	F009422
Hg2600-3	00	SAM	F009422-MS3	400	10/12/2020 14:52:09	5323-1.RAW	14:52:09 PM	2892.50	6		2825.8	10.411	4164.339	ng/L	F009422
Hg2600-3	00	SAM	0100073-AYRE1	100	10/12/2020 14:56:18	5324-1.RAW	14:56:18 PM	5131.62	6		5065.2	18.585	1858.488	ng/L	F009422
Hg2600-3	00	CAL	SEQ-CCV4	1	10/12/2020 15:00:29	5325-1.RAW	15:00:29 PM	1428.61			1362.2	5.035	5.035	ng/L	
Hg2600-3	00	CAL	SEQ-CCB4	1	10/12/2020 15:04:39	5326-1.RAW	15:04:39 PM	86.70			20.3	0.075	0.075	ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	SAM	WS		10/12/2020 15:08:48	5927-1.RAW	3:08:48 PM	61.45			-4.9	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/12/2020 15:12:58	5928-1.RAW	3:12:58 PM	56.06			-10.3	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/12/2020 15:17:08	5929-1.RAW	3:17:08 PM	55.07			-11.3	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	WS		10/12/2020 15:21:17	5930-1.RAW	3:21:17 PM	50.51			-15.9	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F009422-MSD3	400	10/12/2020 15:25:27	5931-1.RAW	3:25:27 PM	3078.43	6		3012.0	11.099	4439.688	ng/L	F009422
Hg2600-3	00	SAM	WS		10/12/2020 15:29:37	5932-1.RAW	3:29:37 PM	67.74			1.4	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F010368-BS1	1	10/12/2020 15:33:47	5933-1.RAW	3:33:47 PM	1316.93	7		1250.5	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	F010363-BSD1	1	10/12/2020 15:37:57	5934-1.RAW	3:37:57 PM	1335.17	7		1268.8	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	BLK	F010363-BLK1		10/12/2020 15:42:07	5935-1.RAW	3:42:07 PM	60.48	7		-5.9	-0.022	-0.022	ng/L	F010368
Hg2600-3	00	BLK	F010363-BLK2		10/12/2020 15:46:17	5936-1.RAW	3:46:17 PM	58.39	7		-10.0	-0.037	4.696	ng/L	F010368
Hg2600-3	00	CAL	SEQ-CCV5		10/12/2020 15:50:27	5937-1.RAW	3:50:27 PM	1336.770745			1270.4	4.696	4.696	ng/L	F010368
Hg2600-3	00	BLK	SEQ-CCB5		10/12/2020 15:54:37	5938-1.RAW	3:54:37 PM	55.98			-10.4	-0.038	-0.038	ng/L	F010368
Hg2600-3	00	BLK	F010363-BLK3		10/12/2020 15:58:47	5939-1.RAW	3:58:47 PM	52.97	7		-13.4	-0.050	-0.050	ng/L	F010368
Hg2600-3	00	BLK	F010363-BLK4		10/12/2020 16:02:57	5940-1.RAW	4:02:57 PM	69.04	7		2.7	0.010	0.010	ng/L	F010368
Hg2600-3	00	SAM	0100036-01	10	10/12/2020 16:07:07	5941-1.RAW	4:07:07 PM	976.53	7		910.2	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-01	1	10/12/2020 16:11:17	5942-1.RAW	4:11:17 PM	57.40	7		-9.0	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100011-03RE1	1	10/12/2020 16:15:27	5943-1.RAW	4:15:27 PM	298.55	7		232.2	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	F010368-MS1		10/12/2020 16:19:38	5944-1.RAW	4:19:38 PM	2068.43	7		2002.0	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	F010368-MSD1	10	10/12/2020 16:23:48	5945-1.RAW	4:23:48 PM	2026.16	7		1959.8	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	F010368-MS2	1	10/12/2020 16:27:58	5946-1.RAW	4:27:58 PM	1304.13	7		1237.8	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	F010358-MSD2	1	10/12/2020 16:32:08	5947-1.RAW	4:32:08 PM	1292.85	7		1226.5	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100015-01	1	10/12/2020 16:36:18	5948-1.RAW	4:36:18 PM	69.25	7		2.9	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	CAL	SEQ-CCV6		10/12/2020 16:40:29	5949-1.RAW	4:40:29 PM	1283.43			1217.1	4.499	4.499	ng/L	
Hg2600-3	00	CAL	SEQ-CCB6		10/12/2020 16:44:39	5950-1.RAW	4:44:39 PM	108.34			42.0	0.155	0.155	ng/L	
Hg2600-3	00	SAM	0100036-02	1	10/12/2020 16:48:50	5951-1.RAW	4:48:50 PM	175.84	7		109.5	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100045-01	1	10/12/2020 16:53:00	5952-1.RAW	4:53:00 PM	68.37	7		2.0	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100045-02	1	10/12/2020 16:57:11	5953-1.RAW	4:57:11 PM	261.65	7		195.3	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100045-03	1	10/12/2020 17:01:21	5954-1.RAW	5:01:21 PM	9495.26	7		9428.9	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-03	1	10/12/2020 17:05:31	5955-1.RAW	5:05:31 PM	104.73	7		38.4	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-05	1	10/12/2020 17:09:41	5956-1.RAW	5:09:41 PM	656.79	7		590.4	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-07	1	10/12/2020 17:13:53	5957-1.RAW	5:13:53 PM	63.29	7		-3.1	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-09	1	10/12/2020 17:18:04	5958-1.RAW	5:18:04 PM	337.55	7		271.2	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100048-11	1	10/12/2020 17:22:15	5959-1.RAW	5:22:15 PM	51.78	7		-14.6	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	CAL	SEQ-CCV7		10/12/2020 17:26:26	5960-1.RAW	5:26:26 PM	324.02			257.6	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	CAL	SEQ-CCB7		10/12/2020 17:30:36	5961-1.RAW	5:30:36 PM	1200.08			1133.7	4.191	4.191	ng/L	
Hg2600-3	00	CAL	SEQ-CCB7		10/12/2020 17:34:46	5962-1.RAW	5:34:46 PM	72.79			6.4	0.024	0.024	ng/L	
Hg2600-3	00	SAM	0100053-01	100	10/12/2020 17:38:57	5963-1.RAW	5:38:57 PM	14516.16	7		14449.8	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100053-02	100	10/12/2020 17:43:08	5964-1.RAW	5:43:08 PM	2812.65	7		2746.3	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100053-03	100	10/12/2020 17:47:17	5965-1.RAW	5:47:17 PM	3128.38	7		3062.0	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	0100053-04	100	10/12/2020 17:51:27	5966-1.RAW	5:51:27 PM	119.02	7		52.6	Error	#VALUE!	ng/L	F010368
Hg2600-3	00	SAM	WS		10/12/2020 17:55:39	5967-1.RAW	5:55:39 PM	46.93			-19.4	Error	#VALUE!	ng/L	
Hg2600-3	00	SAM	F010360-BS1	100	10/12/2020 17:59:49	5968-1.RAW	5:59:49 PM	4339.54	8		4273.2	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	SAM	F010360-BSD1	100	10/12/2020 18:04:00	5969-1.RAW	6:04:00 PM	4110.41	8		4044.0	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	BLK	F010360-BLK1		10/12/2020 18:08:10	5970-1.RAW	6:08:10 PM	105.04	8		38.7	0.143	14.291	ng/L	F010360
Hg2600-3	00	BLK	F010360-BLK2		10/12/2020 18:12:21	5971-1.RAW	6:12:21 PM	87.99	8		21.6	0.080	7.988	ng/L	F010360
Hg2600-3	00	BLK	F010360-BLK3		10/12/2020 18:16:30	5972-1.RAW	6:16:30 PM	63.40	8		-3.0	-0.011	-1.100	ng/L	F010360
Hg2600-3	00	CAL	SEQ-CCV8		10/12/2020 18:20:41	5973-1.RAW	6:20:41 PM	1142.28			1075.9	3.977	3.977	ng/L	
Hg2600-3	00	CAL	SEQ-CCB8		10/12/2020 18:24:51	5974-1.RAW	6:24:51 PM	107.58			41.2	0.152	0.152	ng/L	
Hg2600-3	00	SAM	0100042-01	100	10/12/2020 18:29:01	5975-1.RAW	6:29:01 PM	573.27	8		506.9	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	SAM	0100042-02	100	10/12/2020 18:33:12	5976-1.RAW	6:33:12 PM	594.09	8		527.7	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	SAM	0100042-03	100	10/12/2020 18:37:22	5977-1.RAW	6:37:22 PM	763.46	8		697.1	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	SAM	0100042-04	100	10/12/2020 18:41:32	5978-1.RAW	6:41:32 PM	493.45	8		427.1	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	SAM	0100042-05	100	10/12/2020 18:45:43	5979-1.RAW	6:45:43 PM	464.81	8		398.4	Error	#VALUE!	ng/L	F010360
Hg2600-3	00	CAL	SEQ-CCV9		10/12/2020 18:49:53	5980-1.RAW	6:49:53 PM	1121.89			1055.5	3.902	3.902	ng/L	
Hg2600-3	00	CAL	SEQ-CCB9		10/12/2020 18:54:04	5981-1.RAW	6:54:04 PM	84.96			18.6	0.069	0.069	ng/L	

TotalMercury
EPA1631

Operator: MFS
Method: #33 R: 1
BlankSi: 66.379
CalibFa: 270.53
Status: QC Warnings: 5/QC E
Run Date: 10-48:23
Run Time: 6.37
Conc = (Area-66.37)
Eqn: 1
R²: 1
Blank SD:
Blank RSD%:
CF SD:
CF RSD%:

SampleID	Location	Run#	Dilute	Blank	Conc (ppb)	Std%	Final Conc	Rec%	QA	RawData	RunTime	Control (ref)	Flag	RunCount	Comment
Clean				0.00	8.25					5265-1.RAW	10:51:15	2230.82	Clean	1	
WS				66.38	0.00					5266-1.RAW	10:55:23	63.22	Sample	1	
WS				66.38	0.00					5267-1.RAW	10:59:32	51.68	Sample	1	
WS				66.38	0.00					5268-1.RAW	11:03:40	44.35	Sample	1	
SEQ-IBL1			1	0.00	0.22					5269-1.RAW	11:07:49	37.59	Sample	1	
SEQ-IBL2			1	0.00	0.32					5270-1.RAW	11:11:58	59.90	Sample	1	
SEQ-IBL3			1	0.00	0.19					5271-1.RAW	11:16:07	86.56	Sample	1	
SEQ-CAL1			1	66.38	0.56	111.25				5272-1.RAW	11:20:16	52.87	Sample	1	
SEQ-CAL2			1	66.38	0.97	97.13				5273-1.RAW	11:24:24	216.86	Sample	1	
SEQ-CAL3			1	66.38	4.89	97.70				5274-1.RAW	11:28:33	329.15	Sample	1	
SEQ-CAL4			1	66.38	19.42	97.10				5275-1.RAW	11:32:42	1387.95	Sample	1	
SEQ-CAL5			1	66.38	38.73	96.82				5276-1.RAW	11:36:51	5320.35	Sample	1	
SEQ-ICV1			1	66.38	5.39	107.76				5277-1.RAW	11:41:00	10542.98	Sample	1	
SEQ-ICB1			1	66.38	0.08	0.00				5278-1.RAW	11:45:10	1524.02	Sample	1	
F009416-BLK6			10	66.38	1.09					5279-1.RAW	11:49:19	87.59	Sample	1	
F009416-MS3			400	66.38	3010.75	73617.05				5280-1.RAW	11:53:28	95.86	Sample	1	F009416
F009416-MS4			400	66.38	2762.29	91.63				5281-1.RAW	11:57:37	2102.63	Sample	1	F009416
F009416-MSD4			400	66.38	2871.41					5282-1.RAW	12:01:46	1934.59	Sample	1	F009416
0100073-01RE1			50	66.38	804.67					5283-1.RAW	12:05:56	1873.13	Sample	1	F009416
0100073-02RE1			50	66.38	861.45					5284-1.RAW	12:10:05	3338.00	Sample	1	F009416
0100073-06RE2			50	66.38	47.50					5285-1.RAW	12:14:14	4272.35	Sample	1	F009416
0100073-18RE1			50	66.38	793.62					5286-1.RAW	12:18:23	323.36	Sample	1	F009416
0100073-19RE1			50	66.38	969.12					5287-1.RAW	12:22:32	4380.34	Sample	1	F009416
F009418-BLK4			10	66.38	1.76					5288-1.RAW	12:26:41	5309.94	Sample	1	F009418
SEQ-CCV1			1	66.38	4.98	99.57				5289-1.RAW	12:30:50	114.05	Sample	1	
SEQ-CCB1			1	66.38	0.00	0.00				5290-1.RAW	12:34:59	1413.19	Sample	1	
F009418-BS2			20	66.38	388.61					5291-1.RAW	12:39:08	61.70	Sample	1	F009418
F009418-BSD2			20	66.38	424.70					5292-1.RAW	12:43:18	5323.00	Sample	1	F009418
F009437-BLK4			10	66.38	7.63					5293-1.RAW	12:47:27	5811.11	Sample	1	F009437
F009437-BS5			20	66.38	501.98					5294-1.RAW	12:51:36	272.76	Sample	1	F009437
WS				66.38	0.03					5295-1.RAW	12:55:45	6856.48	Sample	1	
WS				66.38	0.00					5296-1.RAW	12:59:54	75.50	Sample	1	
WS				66.38	0.00					5297-1.RAW	13:04:03	50.33	Sample	1	
WS				66.38	0.00					5298-1.RAW	13:08:12	43.76	Sample	1	
WS				66.38	0.00					5300-1.RAW	13:12:21	51.21	Sample	1	
SEQ-CCV2			1	66.38	4.82	96.36				5301-1.RAW	13:16:30	45.30	Sample	1	
SEQ-CCB2			1	66.38	0.00	0.00				5302-1.RAW	13:20:39	41.93	Sample	1	
F009419-BS2			20	66.38	379.84					5303-1.RAW	13:24:48	1369.75	Sample	1	F009419
F009419-BSD2			20	66.38	346.77					5304-1.RAW	13:28:58	62.56	Sample	1	F009419
0100073-70RE1			50	66.38	677.88					5305-1.RAW	13:33:07	5204.35	Sample	1	F009419
0100073-71RE1			50	66.38	1074.75					5306-1.RAW	13:37:16	4757.02	Sample	1	F009419
0100073-72RE1			50	66.38	568.21					5307-1.RAW	13:41:26	3734.16	Sample	1	F009419
0100073-73RE1			50	66.38	545.05					5308-1.RAW	13:45:35	5881.44	Sample	1	F009419
0100073-74RE1			50	66.38	657.21					5309-1.RAW	13:49:45	3140.78	Sample	1	F009419
0100073-75RE1			50	66.38	893.41					5310-1.RAW	13:53:55	3015.42	Sample	1	F009419
0100073-76RE1			50	66.38	754.54					5311-1.RAW	14:02:04	3622.29	Sample	1	F009419
0100073-77RE1			50	66.38	659.42					5312-1.RAW	14:06:23	3818.15	Sample	1	F009419
SEQ-CCV3			1	66.38	5.16	103.18				5313-1.RAW	14:10:33	4148.90	Sample	1	F009419
				66.38						5314-1.RAW	14:14:42	1461.99	Sample	1	F009419

SEQ-CCB3	B19	1	66.38	0.10	5315-1.RAW	14:18:52	93.10 Sample	OK	1	F009419
0100073-78RE1	B20	50	66.38	949.43	5316-1.RAW	14:23:02	5203.41 Sample	OK	1	F009419
0100073-79RE1	B21	50	66.38	734.02	5317-1.RAW	14:27:11	4037.86 Sample	OK	1	F009419
0100073-80RE1	C1	50	66.38	1198.73	5318-1.RAW	14:31:21	6552.24 Sample	OK	1	F009419
0100073-81RE1	C2	50	66.38	627.71	5319-1.RAW	14:35:30	3462.66 Sample	OK	1	F009419
0100073-AURE1	C3	10	66.38	25.35	5320-1.RAW	14:39:40	752.06 Sample	OK	1	F009421
0100073-AVRE1	C4	10	66.38	27.27	5321-1.RAW	14:43:49	804.13 Sample	OK	1	F009421
F009422-BLK4	C5	10	66.38	13.84	5322-1.RAW	14:47:59	440.88 Sample	OK	1	F009422
F009422-MS3	C6	400	66.38	4178.18	5323-1.RAW	14:52:09	2892.20 Sample	OK	1	F009422
0100073-AVRE1	C7	100	66.38	1872.33	5324-1.RAW	14:56:18	5131.62 Sample	OK	1	F009422
SEQ-CCV4	C8	1	66.38	5.04	5325-1.RAW	15:00:28	1428.61 Sample	OK	1	F009422
SEQ-CCB4	C9	1	66.38	0.08	5326-1.RAW	15:04:39	86.70 Sample	OK	1	F009422
WS			66.38	0.00	5327-1.RAW	15:08:48	61.45 Sample	OK	1	
WS			66.38	0.00	5328-1.RAW	15:12:58	58.06 Sample	OK	1	
WS			66.38	0.00	5329-1.RAW	15:17:08	55.07 Sample	OK	1	
WS			66.38	0.00	5330-1.RAW	15:21:17	50.51 Sample	OK	1	
F009422-MSD3	C10	400	66.38	4453.53	5331-1.RAW	15:25:27	3078.43 Sample	OK	1	F009422
WS			66.38	0.01	5332-1.RAW	15:29:37	67.74 Sample	OK	1	
F010368-BS1	C11	1	66.38	4.62	5333-1.RAW	15:33:47	1316.93 Sample	OK	1	F010368
F010368-MSD1	C12	1	66.38	4.69	5334-1.RAW	15:37:57	1335.17 Sample	OK	1	F010368
F010368-BLK1	C13	1	66.38	0.00	5335-1.RAW	15:42:07	60.48 Sample	OK	1	F010368
F010368-BLK2	C14	1	66.38	0.00	5336-1.RAW	15:46:17	56.39 Sample	OK	1	F010368
SEQ-CCV5	C15	1	66.38	4.70	5337-1.RAW	15:50:27	1336.77 Sample	OK	1	
SEQ-CCB5	C16	1	66.38	0.00	5338-1.RAW	15:54:37	55.98 Sample	OK	1	
F010368-BLK3	C17	1	66.38	0.00	5339-1.RAW	15:58:47	52.97 Sample	OK	1	F010368
F010368-BLK4	C18	1	66.38	0.01	5340-1.RAW	16:02:57	69.04 Sample	OK	1	F010368
0J00036-01	C19	10	66.38	33.64	5341-1.RAW	16:07:07	976.53 Sample	OK	1	F010368
0J00048-01	C20	1	66.38	0.00	5342-1.RAW	16:11:17	57.40 Sample	OK	1	F010368
0J00111-03RE1	C21	1	66.38	0.86	5343-1.RAW	16:15:27	298.55 Sample	OK	1	F010368
F010368-MS1	A1	10	66.38	74.00	5344-1.RAW	16:19:38	2088.43 Sample	OK	1	F010368
F010368-MS2	A2	10	66.38	72.44	5345-1.RAW	16:23:48	2026.16 Sample	OK	1	F010368
F010368-MS3	A3	1	66.38	4.58	5346-1.RAW	16:27:58	1304.13 Sample	OK	1	F010368
F010368-MS4	A4	1	66.38	4.53	5347-1.RAW	16:32:08	1292.85 Sample	OK	1	F010368
0J00015-01	A5	1	66.38	0.01	5348-1.RAW	16:36:18	69.25 Sample	OK	1	F010368
SEQ-CCV6	A6	1	66.38	4.50	5349-1.RAW	16:40:29	1283.43 Sample	OK	1	F010368
SEQ-CCB6	A7	1	66.38	0.16	5350-1.RAW	16:44:39	108.34 Sample	OK	1	F010368
0J00036-02	A8	1	66.38	0.40	5351-1.RAW	16:48:50	175.84 Sample	OK	1	F010368
0J00045-01	A9	1	66.38	0.01	5352-1.RAW	16:53:00	66.37 Sample	OK	1	F010368
0J00045-02	A10	1	66.38	0.72	5353-1.RAW	16:57:11	261.65 Sample	OK	1	F010368
0J00045-03	A11	1	66.38	34.85	5354-1.RAW	17:01:21	9495.26 Sample	OK	1	F010368
0J00048-03	A12	1	66.38	0.14	5355-1.RAW	17:05:31	104.73 Sample	OK	1	F010368
0J00048-05	A13	1	66.38	2.18	5356-1.RAW	17:09:41	656.79 Sample	OK	1	F010368
0J00048-07	A14	1	66.38	0.00	5357-1.RAW	17:13:53	63.29 Sample	OK	1	F010368
0J00048-08	A15	1	66.38	1.00	5358-1.RAW	17:18:04	337.55 Sample	OK	1	F010368
0J00048-11	A16	1	66.38	0.00	5359-1.RAW	17:22:15	51.78 Sample	OK	1	F010368
0J00048-13	A17	1	66.38	0.95	5360-1.RAW	17:26:26	324.02 Sample	OK	1	F010368
SEQ-CCV7	A18	1	66.38	4.19	5361-1.RAW	17:30:36	1200.08 Sample	OK	1	F010368
SEQ-CCB7	A19	1	66.38	0.02	5362-1.RAW	17:34:46	72.79 Sample	OK	1	F010368
0J00053-01	A20	10	66.38	534.13	5363-1.RAW	17:38:57	14516.16 Sample	OK	1	F010368
0J00053-02	A21	10	66.38	101.51	5364-1.RAW	17:43:06	2812.65 Sample	OK	1	F010368
0J00053-03	B1	10	66.38	113.18	5365-1.RAW	17:47:17	3128.38 Sample	OK	1	F010368
0J00053-04	B2	10	66.38	1.95	5366-1.RAW	17:51:27	119.02 Sample	OK	1	F010368
WS			66.38	0.00	5367-1.RAW	17:55:39	46.93 Sample	OK	1	F010368
F010368-BS1	B3	100	66.38	1578.54	5368-1.RAW	17:59:48	4339.54 Sample	OK	1	F010360
F010368-BSD1	B4	100	66.38	1494.85	5369-1.RAW	18:04:00	4110.41 Sample	OK	1	F010360

F010360-BLK1	B5	100	66.38	14.29	5370-1.RAW	18:08:10	105.04	Sample	OK	1	F010360
F010360-BLK2	B6	100	66.38	7.99	5371-1.RAW	18:12:21	87.99	Sample	OK	1	F010360
F010360-BLK3	B7	100	66.38	0.00	5372-1.RAW	18:16:30	83.40	Sample	OK	1	F010360
SEQ-CCV8	B8	1	66.38	3.98	5373-1.RAW	18:20:41	1142.28	Sample	OK	1	
SEQ-CCB8	B9	1	66.38	0.15	5374-1.RAW	18:24:51	107.58	Sample	OK	1	
OJ00042-01	B10	100	66.38	187.37	5375-1.RAW	18:29:01	573.27	Sample	OK	1	F010360
OJ00042-02	B11	100	66.38	195.06	5376-1.RAW	18:33:12	594.09	Sample	OK	1	F010360
OJ00042-03	B12	100	66.38	257.67	5377-1.RAW	18:37:22	763.46	Sample	OK	1	F010360
OJ00042-04	B13	100	66.38	157.86	5378-1.RAW	18:41:32	493.45	Sample	OK	1	F010360
OJ00042-05	B14	100	66.38	147.28	5379-1.RAW	18:45:43	464.81	Sample	OK	1	F010360
SEQ-CCV9	B20	1	66.38	3.90	5380-1.RAW	18:49:53	1121.89	Sample	OK	1	
SEQ-CCB9	B21	1	66.38	0.07	5381-1.RAW	18:54:04	84.96	Sample	OK	1	
							79.54				
							0.00				
							78.03				
							0.00				

				F010368-BS1	C11		
				F010363-BSD1	C12		
		SEQ-CCV2	B12	F010363-BLK1	C13		
		SEQ-CCB2	B13	F010363-BLK2	C14		
		F009419-BS2	B6	SEQ-CCV5	C15		
		F009419-BSD2	B7	SEQ-CCB5	C16		
SEQ-IBL1	A1	0I00073-70RE1	B8	F010363-BLK3	C17		
SEQ-IBL2	A2	0I00073-71RE1	B9	F010363-BLK4	C18		
SEQ-IBL3	A3	0I00073-72RE1	B10	0J00036-01	C19		
SEQ-CAL1	A4	0I00073-73RE1	B11	0J00048-01	C20		
SEQ-CAL2	A5	0I00073-74RE1	B14	0J00011-03RE1	C21		
SEQ-CAL3	A6	0I00073-75RE1	B15	F010368-MS1	A1		
SEQ-CAL4	A7	0I00073-76RE1	B16	F010368-MSD1	A2		
SEQ-CAL5	A8	0I00073-77RE1	B17	F010368-MS2	A3		
SEQ-ICV1	A9	SEQ-CCV3	B18	F010368-MSD2	A4		
SEQ-ICB1	A10	SEQ-CCB3	B19	0J00015-01	A5	0J00053-03	B1
F009416-BLK6	A11	0I00073-78RE1	B20	SEQ-CCV6	A6	0J00053-04	B2
F009416-MS3	A12	0I00073-79RE1	B21	SEQ-CCB6	A7	WS	
F009416-MS4	A13	0I00073-80RE1	C1	0J00036-02	A8	F010360-BS1	B3
F009416-MSD4	A14	0I00073-81RE1	C2	0J00045-01	A9	F010360-BSD1	B4
0I00073-01RE1	A15	0I00073-AURE1	C3	0J00045-02	A10	F010360-BLK1	B5
0I00073-02RE1	A16	0I00073-AVRE1	C4	0J00045-03	A11	F010360-BLK2	B6
0I00073-06RE2	A17	F009422-BLK4	C5	0J00048-03	A12	F010360-BLK3	B7
0I00073-18RE1	A18	F009422-MS3	C6	0J00048-05	A13	SEQ-CCV8	B8
0I00073-19RE1	A19	0I00073-AYRE1	C7	0J00048-07	A14	SEQ-CCB8	B9
F009418-BLK4	A20	SEQ-CCV4	C8	0J00048-09	A15	0J00042-01	B10
SEQ-CCV1	A21	SEQ-CCB4	C9	0J00048-11	A16	0J00042-02	B11
SEQ-CCB1	B1	WS		0J00048-13	A17	0J00042-03	B12
F009418-BS2	B2	WS		SEQ-CCV7	A18	0J00042-04	B13
F009418-BSD2	B3	WS		SEQ-CCB7	A19	0J00042-05	B14
F009437-BLK4	B4	WS		0J00053-01	A20	SEQ-CCV9	B20
F009437-BS5	B5	F009422-MSD3	C10	0J00053-02	A21	SEQ-CCB9	B21

Verified by: *Mv 10/13/2020*

ANALYSIS SEQUENCE

0J19017

QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: PGS
Analyzed: 10/16/2020

Instrument: Hg2700-1

Calibration ID: UNASSIGNED



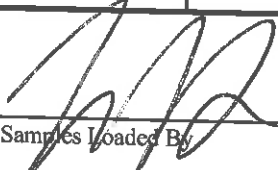
Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0J19017-JBL1	QC	1			
0J19017-CAL1	QC	2	2002026		
0J19017-CAL2	QC	3	2002027		
0J19017-CAL3	QC	4	2002028		
0J19017-CAL4	QC	5	2002029		
0J19017-CAL5	QC	6	2002030		
0J19017-ICV1	QC	7	2001845		
0J19017-ICB1	QC	8			
0J19017-CCV1	QC	9	2001845		
0J19017-CCB1	QC	10			
F010382-BS1	QC	11			
F010382-BSD1	QC	12			
F010382-BLK1	QC	13			
F010382-BLK2	QC	14			
F010382-BLK3	QC	15			
F010382-BLK4	QC	16			
0I00073-BM	MHg-CVAFS-T-KOH	17			BatchQC
0I00073-BM	MHg-CVAFS-S-KOH-Nutra	18			BatchQC
0I00073-BM	MHg-CVAFS-S-KOH	19			
F010382-MS1	QC	20			
F010382-MSD1	QC	21			
0I00073-BL	MHg-CVAFS-S-KOH	22			
0J19017-CCV2	QC	23	2001845		
0J19017-CCB2	QC	24			
0J00051-01	MHg-CVAFS-T-KOH	25			BatchQC
0J00051-01	MHg-CVAFS-S-KOH-Nutra	26			
0J00051-01	MHg-CVAFS-S-KOH	27			BatchQC
F010382-MS2	QC	28			
F010382-MSD2	QC	29			
0J00028-01	MHg-CVAFS-T-KOH	30			Scan all data for level IV report
0J00031-01	MHg-CVAFS-S-KOH-Nutra	31			
0J00050-01	MHg-CVAFS-S-KOH-Nutra	32			
0J00078-01	MHg-CVAFS-S-KOH-Nutra	33			
0J00079-01	MHg-CVAFS-S-KOH-Nutra	34			
0J19017-CCV3	QC	35	2001845		
0J19017-CCB3	QC	36			

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

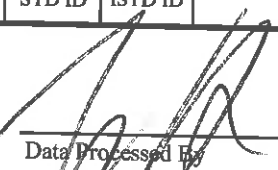
Analyzed: 10/16/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
------------	----------	-------	--------	---------	----------



Samples Loaded By

10/19/2020
Date



Data Processed By

10/19/2020
Date

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J19017
Reviewer:	Dataset ID #: MHg27001-201016-2
Date: 10/19/2020	WO #: multiple
Batch #(s): F010382	

• Select the correct preparation method.

Additional Comments:

*standards and reagents submitted with dataset for review
-ZKH 10/19/2020*

Analyte	Prep Method	Matrix
<input type="checkbox"/> MHg	SOP2797 MHg Distillation	Water
<input checked="" type="checkbox"/> MHg	SOP2986 KOH/MeOH Digest	Tissue
<input type="checkbox"/> MHg	SOP5134 MeCl Extraction	Sed/Soil
<input type="checkbox"/> DMHg	SOP2816 (None Accredited method)	ALL

	Analyst Initials: <i>ZKH</i>	Reviewer Initials/Date: <i>PGS</i>
1. Compare Sample ID with Bench sheet/Sequence/Raw Data (Have all samples been imported?)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
2. Check for transcription errors from Excel spreadsheet (or Prep Bench sheet)/Raw data	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(a) Reviewer: 100% of peak heights checked	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(b) Are there peak height errors?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(c) Error on a sample: Do peak heights, responses, & initial results match corrected data?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
(d) Error on a Cal Pt, ICB/CCB, or PB: Has the data been reimported?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
(e) Check standards & reagents in sequence & bench sheet for correct usage (i.e. expiries).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>
(f) Check and compare masses (review prep bench sheet)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>
(g) Check and compare initial and final volumes	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>
(h) Do aliquots and dilutions written on benchsheet match those in Excel?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>
(i) Is the pH>3.0 for all distilled samples?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A <input type="checkbox"/>
(j) Is the sequence #, analyst, date, and instrument # on the QC page?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(k) Is the analysis status correct? (analyzed/initial review/reviewed)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(l) Original prep bench sheet added to data package?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(m) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
3. High QA? WO#(s)/Client(s):	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
4. Client specific QC? (if Yes, refer to Project Notes/LIMS)	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/>
(a) Have the QC requirements been met for all WO#s?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
5. 20 or fewer samples in batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(a) 3 PBs, 1 LCS/LCSD (or BS/BSD), 2 MS/MSD/MD per batch?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
(b) 1 CCV and 1 CCB every 10 analytical runs?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/>
QA/QC Data Checked		
6. The calibration curve included a minimum of 5 Standards	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> N/A	<input type="checkbox"/>
Comments:		
7. 1st Calibration Standard % Recoveries (65-135%)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> N/A	<input type="checkbox"/>
Comments:		
8. RSD CF (≤ 15%)	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/>
Comments:		

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J19017
Reviewer: 0	Dataset ID #: MHg27001-201016-2
Date:	WO #: multiple
Batch #(s): F010382	

Analyst Initials: ZKH **Reviewer Initials/Date:** PGS

- | | | | |
|--|--|--|--------------------------|
| <p>9. ICV % Recoveries 67-133%</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>10. CCV % Recoveries 67-133%</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>11. Are the absolute value of the ICB and CCBs < PQL?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>12. LCS/LCSD/CRM/BS/BSD % Recoveries (70-130%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>13. LCS/LCSD or BS/BSD RPD (< 25%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>14. Water: Average of Preparation Blanks < 0.045 ng/L and standard deviation of 0.015 ng/L?</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>15. Sediment/Tissue: Individually, are the Preparation Blanks < PQL for the matrix?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<input type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>16. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done)</p> | <input type="checkbox"/> YES <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>17. Is the correct 'Source' designated for MD/MS/MSD?</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>18. For digested preps: was there a spike witness signature & date on the prep bench sheet?</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>19. MD RPD/MT RSD(< 35%)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>20. Is there one set of MS/MSD per every 10 samples?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>21. MS/MSD RPD(< 35%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>22. MS (AS) % Recoveries (65-130%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>23. MSD (ASD) % Recoveries (65-130%)</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>24. Spiked 1-5X ambient or 1-5X PQL (whichever is higher) (from EPA 1630)</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>25. Are all samples within instrument calibration range (or at maximum aliquot size)?</p> <p>Comments: _____</p> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>26. For instrumental dilutions, is the dilution factor in excel correct?</p> <p>Is the sample volume, diluents, and final volume of the dilution noted on benchsheet?</p> | <input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO
<input checked="" type="checkbox"/> PASS <input type="checkbox"/> NO | <input type="checkbox"/> N/A
<input type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>27. Dissolved < Total metals (if applicable)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| <p>28. Effluent < Influent metals (visually confirm if needed)</p> <p>Comments: _____</p> | <input type="checkbox"/> PASS <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: ZKH	Sequence #: 0J19017
Reviewer: 0	Dataset ID #: MHg27001-201016-2
Date:	WO #: multiple
Batch #(s): F010382	

Analyst Initials:

Reviewer Initials/Date:

ZKH
 YES NO

PCS
 N/A

29. Are re-runs noted with reason?

Comments: _____

30. For failing QC (CCV, CCB, PB, BS/BSD, CAL):

Was a bubbler and trap test run before the analytical run continued?

Comments: _____

31. Do re-run results compare to initial analysis (< 35% RPD)?

Comments: _____

32. Are qualifiers consistent with the data review flowcharts?

Comments: _____

33. Have non-reportable samples been imported into LIMS and clicked to non-reportable?

Comments: _____

34. Have re-extracts been created for non-reportable samples?

35. Narrations in MMO box in LIMS?

Comments: _____

36. Are there any HIGH QA projects within the data?

If so, place dataset to the QA office.

37. Does the data set need scanning?

Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\IDOCs

38. Date of analyst IDOC/CDOC: _____ IDOC/CDOC within last 12 months?

39. Date of analyst's SOP reading: _____ Current SOP revision?

40. Date of LOD: 8/24/2020 LOD within last 3 months (within 12 months for MDN)?

41. Date of LOQ: 8/24/2020 LOQ within last 3 months (within 12 months for MDN)?

42. If MDN samples, date of last MDL study: _____

43. MDL study within last 12 months?

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

Additional Comments:

YES NO

YES N/A

YES NO

YES NO

YES NO N/A

YES NO N/A

YES NO N/A

YES NO

PREPARATION BENCH SHEET

F010382

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/16/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F010382-BLK1	Blank	0.25	20					
F010382-BLK2	Blank	0.25	20					
F010382-BLK3	Blank	0.25	20					
F010382-BLK4	Filter Blank	0.25	20					0J00028-02A - ZKH 10/16/2020
F010382-BS1	LCS	0.1257	20	1905023	125.7			
F010382-BSD1	LCS Dup	0.1269	20	1905023	126.9			
F010382-MS1	Matrix Spike [0J00073-BM]	0.2601	20	2002023	100			
F010382-MS2	Matrix Spike [0J00051-01]	0.2509	20	2002023	100			
F010382-MSD1	Matrix Spike Dup [0J00073-BM]	0.2594	20	2002023	100			
F010382-MSD2	Matrix Spike Dup [0J00051-01]	0.2699	20	2002023	100			

Standard ID(s):
1905023

Description:
DORM-4

Expiration:
01-Jun-21 00:00
01-Jun-21 00:00
24-Aug-21 00:00

Reagent ID(s):
2000603
2002050
2002392
2002411
2002433
2002537

Description:
Methanol, HPLC Grade
Boiling Chips for Trace Metals
25% KOH/Methanol
Ethylating Agent (For Methyl Mercury Analysis)
Acetate Buffer
2.5% Ascorbic Acid

Expiration:
31-Oct-24 00:00
20-Feb-21 00:00
05-Apr-21 00:00
07-Apr-21 00:00
12-Jan-21 00:00
23-Oct-20 00:00

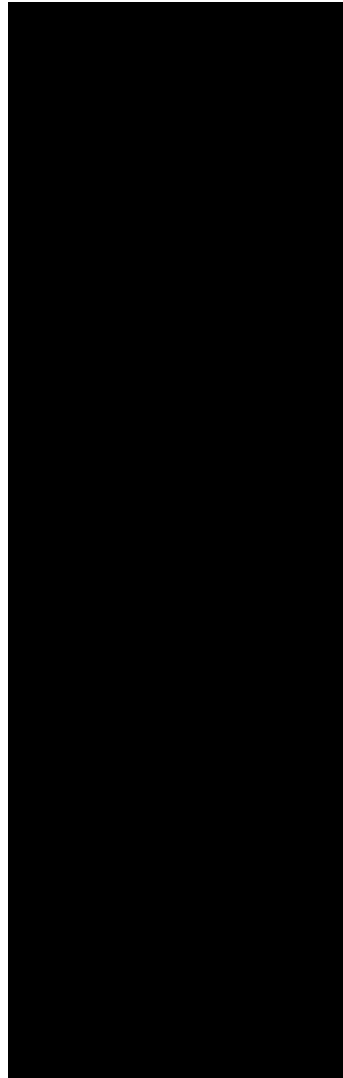
PREPARATION BENCH SHEET

F010382

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 10/16/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0J00073-BL	VN-02-04_091620_SED_00-01	0.2611	20	-	-	S&R		
0J00073-BM	VN-02-04_091620_SED_01-03	0.2697	20	-	-	S&R		
0J00028-01	OL-3567-01	0.1303	10	-	-	i Refriger	Filter pre wieght 88.8769. Post Weight	
0J00031-01	PEPOGEST COATED Softgel	0.4867	40	-	-	251201		
0J00050-01	464-2020-10080603	0.2502	20	-	-	251201	Stability Study #2885 - Liquid Calcium	
0J00051-01	464-2020-10070300	0.2664	20	-	-	251201	Fresh fish produced by Kilac Dominik I	Added for BatchQC in: F010382
0J00078-01	468-2020-10150131	0.2539	20	-	-	030102	43178 COLD WATER SHRIMP	
0J00079-01	468-2020-10150139	0.2513	20	-	-	030102	36688 U-15 SHRIMP	



Sample Preparation Review Checklist

Revision: 4
Effective: Dec. 11, 2017

Technician/Date: ZKLT 10/16/2020 Samples to lab: 10/16/2020 Batch #: FO10382
 Upload/Date: ZKLT 10/16/2020 Reviewer/Date: EMB 10/16/20 MFS 10/20/20

EFGS Preparation Method			
<input type="checkbox"/> SOP2836	Oven Digestion (Total Recoverable Metals)	<input type="checkbox"/> ICPMS	<input type="checkbox"/> AFS
<input type="checkbox"/> SOP2837	Tissue Nitric Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2840	Modified Aqua Regia		
<input type="checkbox"/> SOP2820	RP		
<input type="checkbox"/> SOP2821	HF Bomb Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2825	Nitric Bomb Digestion	<input type="checkbox"/> ICPMS	<input type="checkbox"/> CVAFS
<input type="checkbox"/> SOP2993	Oven Digestion (As, Se Speciation)		
<input type="checkbox"/> SOP5145	Microwave Digestion (Nutraceuticals)		
<input type="checkbox"/> SOP5145	Microwave Digestion (3051)		
<input checked="" type="checkbox"/>	NA Other <u>SOP 2837 KOH/Meckman Digest</u>		

Initials	SOP Date	DOC Date
<u>ZKLT</u>	<u>5/8/2020</u>	<u>5/8/2020</u>
Comments: _____		

Conditionally formatted training files located at:
 \\us34file\General and Admin\Quality Assurance\Training\Training Master
 (Contact QA for any problems regarding these training files.)

Analytes: MHg

<p>1. Is any SOP/DOC expiring within one week of Submission Date? Data cannot be reported without a current IDOC/CDOC.</p> <p>2. Check prep method</p> <p>(a) For Ceuticals: Is correct Hg code being used in LIMS? <input type="checkbox"/> ICPMS <input type="checkbox"/> CV-AFS <input type="checkbox"/> 70:30</p> <p>3. Compare sample ID & container ID with benchsheet & in LIMS</p> <p>4. Check for transcription errors from benchsheet</p> <p>(a) Check and compare initial and final volumes</p> <p>(b) Check and compare mass</p> <p>(c) Has the number of pills been documented (Special Info 5 in benchsheet)?</p> <p>(d) Have assay logbook copies been attached & avg masses entered?</p> <p>(e) For re-digests, have e-mails been attached and verified?</p> <p>(f) Benchsheet prep date MUST match actual prep date</p> <p>5. Samples per Batch? Check QC Requirements</p> <p>(a) PBs per batch? <input type="checkbox"/> ≤ 20 <input checked="" type="checkbox"/> ≤ 10</p> <p>(b) Are pre and post homogenization blanks in batch? <input checked="" type="checkbox"/> 3 PBs <input type="checkbox"/> 2 PBs <input type="checkbox"/> 1 PBs</p> <p>(c) BS, BS/BSD or CRM in batch? <input type="checkbox"/> BS <input type="checkbox"/> BS/BSD <input checked="" type="checkbox"/> CRM</p> <p>(d) MS/MSD in batch? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(e) MD in batch? <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A</p> <p>(f) Is there at least one duplicate QC source in batch? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(g) Are there any client specific requests, QC requests, etc? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>Document: _____</p> <p>(h) Correct LIMS spike ID included for BS, BS/BSD and/or MS/MSD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(i) Correct 'source' designated for MD/MS/MSD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(j) For EFGS-filtered samples, was a filtration blank included? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>6. Special prep requirements?</p> <p>(a) For 1638: Have samples sat for 48 hours after preservation? <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A</p> <p>(b) For 200.8: Have samples sat for 16 hours after preservation? <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A</p> <p>(c) For DOD have pipettes been calibrated day of prep? <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A</p> <p>7. Are the samples appropriately spiked?</p> <p>(a) Is the spike and amount used appropriate and entered into LIMS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(b) For <u>all</u> spiking was there a witness? (Initials <u>must</u> be in logbook) <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p> <p>(c) Spikes added: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A</p>	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Reviewer Initials</td> <td style="text-align: center;">Tertiary Review</td> </tr> <tr> <td style="text-align: center;"><u>EMB</u></td> <td style="text-align: center;"><u>MFS</u></td> </tr> </table> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 20%; text-align: center;"><input checked="" type="checkbox"/></td> </tr> <tr> <td style="width: 20%;"></td> </tr></table>	Reviewer Initials	Tertiary Review	<u>EMB</u>	<u>MFS</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Reviewer Initials	Tertiary Review																																																																																																																																																																																																																																																																																																																																																																																																																																																			
<u>EMB</u>	<u>MFS</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																

PREPARATION BENCH SHEET

F010382

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue

Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg

Prepared: 10/16/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F010382-BLK1	Blank	0.25	20					
F010382-BLK2	Blank	0.25	20					
F010382-BLK3	Blank	0.25	20					
F010382-BLK4	Filter Blank	0.25	20					
F010382-BS1	LCS	0.1257	20	1905023	125.7			0J00028-02A - ZKH 10/16/2020
F010382-BSD1	LCS Dup	0.1269	20	1905023	126.9			
F010382-MS1	Matrix Spike [0J00073-BM]	0.2601	20	2002023	100			
F010382-MS2	Matrix Spike [0J00051-01]	0.2509	20	2002023	100			
F010382-MSD1	Matrix Spike Dup [0J00073-BM]	0.2594	20	2002023	100			
F010382-MSD2	Matrix Spike Dup [0J00051-01]	0.2699	20	2002023	100			

Standard ID(s):
1905023

Description:
DORM-4

Expiration:
01-Jun-21 00:00
01-Jun-21 00:00
24-Aug-21 00:00

Reagent ID(s):
2000603
2002050
2002392

Description:
Methanol, HPLC Grade
Boiling Chips for Trace Metals
25% KOH/Methanol

Expiration:
31-Oct-24 00:00
20-Feb-21 00:00
05-Apr-21 00:00

PREPARATION BENCH SHEET

F010382

Eurofins Frontier Global Sciences, LLC

Matrix: Tissue Prepared using: Trace Metals - EFGS SOP2986 KOH/Methanol Digestion for Methyl Hg Prepared: 10/16/2020

Lab Number	Sample ID	Initial (g)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0J00073-BL	VN-02-04_091620_SED_00-01	0.2611	20	-	-	S&R		
0J00073-BM	VN-02-04_091620_SED_01-03	0.2697	20	-	-	S&R		
0J00028-01	OL-3567-01	0.1303	10	-	-	i Refriger	Filter pre wright 88.8769. Post Weight	
0J00031-01	PEPOGEST COATED Softgel	0.4867	40	-	-	251201		
0J00050-01	464-2020-10080603	0.2502	20	-	-	251201	Stability Study #2885 - Liquid Calcium	
0J00051-01	464-2020-10070300	0.2664	20	-	-	251201	Fresh fish produced by Kilac Dominik I	Added for BatchQC in: F010382
0J00078-01	468-2020-10150131	0.2539	20	-	-	030102	43178 COLD WATER SHRIMP	
0J00079-01	468-2020-10150139	0.2513	20	-	-	030102	36688 U-15 SHRIMP	



10/10/2020 - digested - 2014 10/10/2020

Batch #: 10/14/2020 - 244 Date: 10/14/2020 - digested 10/10/2020

Technician: ZLK

F010382

- EF-AFS-T-AFS-SOP2986 Tissues - Methyl Mercury - KOH/Methanol: Hot plate 75±5°C for 2-4 hours.
- EF-AFS-T-AFS-SOP2795 Tissues - Total Mercury - 70:30: Hot plate 75±5°C for two hours.
- EF-AFS-T-AFS-SOP5134 Sediments - Methyl Mercury - KBr/CH₂Cl₂: Heat Block 45°C (nitrogen purge for 30 minutes).
- EF-AFS-T-AFS-SOP2807 Solids - Total Mercury - Cold AR₁₅: 18-25°C for over four hours.

Other: Calibrated? Yes No Vial Type: Glass Teflon
 Therm.#: 17095 calibrated? Yes No
 *Time in: 1413 Actual Temp. (raw): 144.3 38°C w/ CF: 74.3 °C *Time in can't begin before target temperature is reached
 Time out: 1050 Actual Temp. (raw): 74.3 °C w/ CF: 47.3 °C

Final vol.: 20 mL (LIMS ID: 20000003) BS Spike vol.: CRW µL (LIMS ID: 1905023)
 Spike Witness: QMM (initial and date) MS Spike vol.: 100 µL (LIMS ID: 2002083)

Pipette SN#: NU09653 Calibration Date: 10/14/2020
 Pipette SN#: PU30538 Calibration Date: 10/12/2020
 Dispenser #: N/A
 Dispenser #: N/A
 *Hotblock Position: K6

Vial #	Sample ID Number	Container ID	Sample Size mL/g	Vial #	Sample ID Number	Container ID	Sample Size mL/g	CRM LIMS ID
1	F010382-BLK1	D	0.2613	19	0500071-03	A	0.2539	1905023
2	F010382-BLK2	D	0.2655	20	0500071-04	A	0.2539	1905023
3	F010382-BLK3	D	0.2570	21	0500078-01	A	0.2539	1905023
4	F010382-BLK4	D	0.2600	22	0500079-01	A	0.2539	1905023
5	F010382-BS1	01A	0.1257	23				
6	F010382-BS2	01A	0.1269	24				
7	F010382-BS3	A	0.2697	25				
8	F010382-MS1	A	0.2601	26				
9	F010382-MS2	A	0.2594	27				
10	0500051-01 (MS2)	A	0.2604	28				
11	F010382-MS2	A	0.2509	29				
12	F010382-MS2	A	0.2699	30				
13	0500073-BL	A	0.2611	31				
14	0500028-01	B	0.1303	32				
15	0500031-01	A	0.4864	33				
16	0500050-01	A	0.2502	34				
17	0500071-01	A		35				
18	0500071-02	A		36				

Comments
 ① sample exhausted
 digest at half vol,
 FV=10mL
 ② soft gel, FV=40

QMM
 10/10/20



Frontier Global Sciences

MHg27001-201016-2

Analysis Datasheet for Methyl Mercury in Soil/Tissue

Date of Analysis: October 16, 2020

Instrument #: Hg2700-1

LIMS Sequence #: 0J19017

Analyst:

Units: ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.05 ng/L	6.05 units	121.06	6.05 units	121.06	91.8 %Rec
SEQ-CAL2	1	0.20 ng/L	28.25 units	141.24	28.25 units	141.24	107.0 %Rec
SEQ-CAL3	1	1.00 ng/L	132.17 units	132.17	132.17 units	132.17	100.2 %Rec
SEQ-CAL4	1	2.00 ng/L	247.14 units	123.57	247.14 units	123.57	93.7 %Rec
SEQ-CAL5	1	4.00 ng/L	566.69 units	141.67	566.69 units	141.67	107.4 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF Corr. St. Dev RF Corr. RSD CF Uncorr. Mean RF
 131.94 +/- 9.61 7.3% RSD 131.94

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	1	0.00 units		0.00 ng/L	#VALUE!

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	4	11.201 ng/L	±1.979
BLK	2	0	0.000 ng/L	
BLK	3	0	0.000 ng/L	
BLK	4	0	0.000 ng/L	
BLK	5	0	0.000 ng/L	

Instrument	Analyt	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hq2700-1	00	CAL	SEQ-IBL1	1	10/16/20 14:35	1926-1.RAW	14:35:20	0.00			0.0	0.000	0.000	ng/L	
Hq2700-1	00	CAL	SEQ-CAL1	1	10/16/20 14:45	1927-1.RAW	14:45:36	6.05			6.1	0.046	0.046	ng/L	
Hq2700-1	00	CAL	SEQ-CAL2	1	10/16/20 14:55	1928-1.RAW	14:55:51	28.25			28.2	0.214	0.214	ng/L	
Hq2700-1	00	CAL	SEQ-CAL3	1	10/16/20 15:06	1929-1.RAW	15:06:07	132.17			132.2	1.002	0.714	ng/L	
Hq2700-1	00	CAL	SEQ-CAL4	1	10/16/20 15:16	1930-1.RAW	15:16:22	247.14			247.1	1.873	1.873	ng/L	
Hq2700-1	00	CAL	SEQ-CAL5	1	10/16/20 15:26	1931-1.RAW	15:26:38	566.69			566.7	4.295	4.295	ng/L	
Hq2700-1	00	CAL	SEQ-ICV1	1	10/16/20 15:36	1932-1.RAW	15:36:53	72.11			72.1	0.547	0.547	ng/L	108-4820015
Hq2700-1	00	CAL	SEQ-ICB1	1	10/16/20 15:47	1933-1.RAW	15:47:09	5.09			5.1	0.039	0.039	ng/L	
Hq2700-1	00	CAL	SEQ-CCY1	1	10/16/20 17:50	1945-1.RAW	17:50:15	73.36			73.4	0.556	0.556	ng/L	110.36657
Hq2700-1	00	CAL	SEQ-CCB1	1	10/16/20 18:00	1946-1.RAW	18:00:31	1.66			1.7	0.013	0.013	ng/L	
Hq2700-1	00	SAM	F010382-BS1	1000	10/16/20 18:10	1947-1.RAW	18:10:47	261.63			261.6	1.972	1971.748	ng/L	
Hq2700-1	00	SAM	F010382-BSD1	1000	10/16/20 18:21	1948-1.RAW	18:21:04	271.29			271.3	2.045	2044.889	ng/L	
Hq2700-1	00	BLK	F010382-BLK1	500	10/16/20 18:31	1949-1.RAW	18:31:20	2.35			2.3	0.018	8.903	ng/L	
Hq2700-1	00	BLK	F010382-BLK2	500	10/16/20 18:41	1950-1.RAW	18:41:36	3.43			3.4	0.026	13.013	ng/L	
Hq2700-1	00	BLK	F010382-BLK3	500	10/16/20 18:51	1951-1.RAW	18:51:52	2.69			2.7	0.020	10.207	ng/L	
Hq2700-1	00	BLK	F010382-BLK4	500	10/16/20 19:02	1952-1.RAW	19:02:08	3.35			3.3	0.025	12.681	ng/L	
Hq2700-1	00	SAM	0100073-BM	500	10/16/20 19:12	1953-1.RAW	19:12:25	21.47			21.5	0.140	70.145	ng/L	
Hq2700-1	00	SAM	F010382-MS1	500	10/16/20 19:22	1954-1.RAW	19:22:41	164.77			164.8	1.226	613.196	ng/L	
Hq2700-1	00	SAM	0100073-BL	500	10/16/20 19:32	1955-1.RAW	19:32:58	156.46			156.5	1.163	581.702	ng/L	
Hq2700-1	00	CAL	SEQ-CCV2	1	10/16/20 19:43	1956-1.RAW	19:43:14	24.10			24.1	0.160	80.118	ng/L	109.701569
Hq2700-1	00	CAL	SEQ-CCB2	1	10/16/20 19:53	1957-1.RAW	19:53:30	72.92			72.9	0.553	0.553	ng/L	
Hq2700-1	00	CAL	SEQ-CCB1	1	10/16/20 20:03	1958-1.RAW	20:03:46	0.00			0.0	0.000	0.000	ng/L	
Hq2700-1	00	SAM	0100051-01	2500	10/16/20 20:14	1959-1.RAW	20:14:03	17.80			17.8	0.130	326.018	ng/L	
Hq2700-1	00	SAM	F010382-MS2	2500	10/16/20 20:24	1960-1.RAW	20:24:19	48.78			48.8	0.365	913.126	ng/L	
Hq2700-1	00	SAM	0100028-01	500	10/16/20 20:34	1961-1.RAW	20:34:35	49.54			49.5	0.371	927.482	ng/L	
Hq2700-1	00	SAM	0100031-01	500	10/16/20 20:44	1962-1.RAW	20:44:51	24.20			24.2	0.161	80.503	ng/L	
Hq2700-1	00	SAM	0100050-01	500	10/16/20 20:55	1963-1.RAW	20:55:08	2.71			2.7	-0.002	-0.950	ng/L	
Hq2700-1	00	SAM	0100078-01	500	10/16/20 21:05	1964-1.RAW	21:05:25	13.67			13.7	0.081	40.597	ng/L	
Hq2700-1	00	SAM	0100079-01	500	10/16/20 21:15	1965-1.RAW	21:15:41	71.86			71.9	0.522	261.115	ng/L	
Hq2700-1	00	CAL	SEQ-CCV3	1	10/16/20 21:25	1966-1.RAW	21:25:58	9.06			9.1	0.046	23.145	ng/L	
Hq2700-1	00	CAL	SEQ-CCB3	1	10/16/20 21:36	1967-1.RAW	21:36:14	68.41			68.4	0.519	0.519	ng/L	102.9178799
Hq2700-1	00	CAL	SEQ-CCB3	1	10/16/20 21:46	1968-1.RAW	21:46:31	2.17			2.2	0.016	0.016	ng/L	

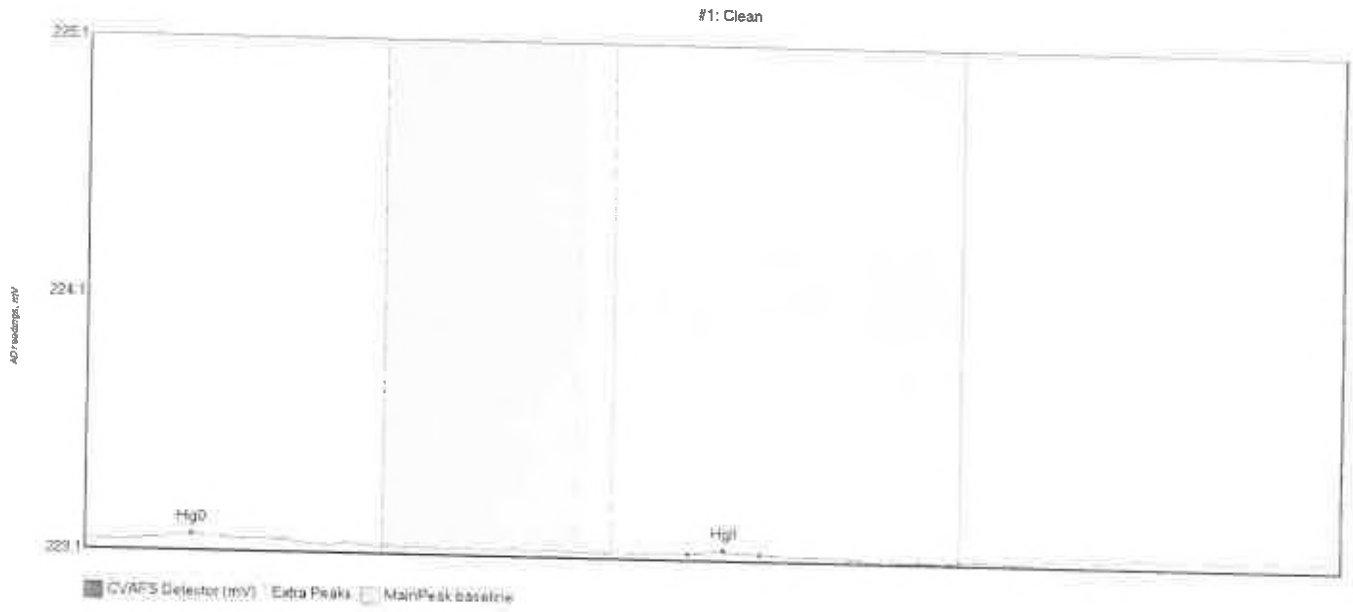
SampleID	RunDate	BlankSub	CellFactor	CellEq	CallibEq	BlankSD	Method	RunTime	BlankRSD%	CF	RSD%	QA	RawData	RunEnd	PeakHgt	RawPeakHgt	R	PeakHgt	RawPeakHgt	Control	Flags	PrntCount	Comments
1924-1.RAW		1											1924-1.RAW		1.92	0.00	1.18	0.00	0.00	cleanDry	OK	1	
1925-1.RAW		1											1925-1.RAW		4.66	2.46	0.00	0.00	0.00	psample10	OK	1	
1926-1.RAW		1											1926-1.RAW		3.56	0.00	0.00	0.00	0.00	psample10	OK	1	
1927-1.RAW		1											1927-1.RAW		3.97	6.05	0.00	0.00	0.00	psample10	OK	1	
1928-1.RAW		1											1928-1.RAW		7.02	28.25	0.00	0.00	0.00	psample10	OK	1	
1929-1.RAW		1											1929-1.RAW		9.16	132.17	0.00	0.00	0.00	psample10	CT	1	
1930-1.RAW		1											1930-1.RAW		5.50	247.14	0.00	0.00	0.00	psample10	CT	1	
1931-1.RAW		1											1931-1.RAW		17.43	566.69	0.00	0.00	0.00	psample10	CT	1	
1932-1.RAW		1											1932-1.RAW		5.23	72.11	0.00	0.00	0.00	psample10	OK	1	
1933-1.RAW		1											1933-1.RAW		3.95	5.09	0.00	0.00	0.00	psample10	OK	1	
1934-1.RAW		1											1934-1.RAW		5.65	3.44	0.00	0.00	0.00	psample10	OK	1	
1935-1.RAW		1											1935-1.RAW		4.99	3.60	0.00	0.00	0.00	psample10	OK	1	
1936-1.RAW		1											1936-1.RAW		5.24	1.51	0.00	0.00	0.00	psample10	OK	1	
1937-1.RAW		1											1937-1.RAW		4.83	0.77	0.00	0.00	0.00	psample10	OK	1	
1938-1.RAW		1											1938-1.RAW		3386.35	0.00	0.00	0.00	0.00	psample10	OK	1	
1939-1.RAW		1											1939-1.RAW		59.85	0.00	0.00	0.00	0.00	psample10	CT	1	
1940-1.RAW		1											1940-1.RAW		21.27	0.00	0.00	0.00	0.00	psample10	CT	1	
1941-1.RAW		1											1941-1.RAW		21.29	0.56	0.00	0.00	0.00	psample10	OK	1	
1942-1.RAW		1											1942-1.RAW		12.81	0.00	0.00	0.00	0.00	psample10	OK	1	
1943-1.RAW		1											1943-1.RAW		11.01	0.00	0.00	0.00	0.00	psample10	OK	1	
1944-1.RAW		1											1944-1.RAW		10.00	0.00	0.00	0.00	0.00	psample10	OK	1	
1945-1.RAW		1											1945-1.RAW		10.58	73.36	0.00	0.00	0.00	psample10	OK	1	
1946-1.RAW		1											1946-1.RAW		5.95	1.66	0.00	0.00	0.00	psample10	OK	1	
1947-1.RAW		1000											1947-1.RAW		12.07	261.63	0.00	0.00	0.00	psample10	OK	1	F010382
1948-1.RAW		1000											1948-1.RAW		12.59	271.29	0.00	0.00	0.00	psample10	OK	1	F010382
1949-1.RAW		500											1949-1.RAW		6.27	2.35	0.00	0.00	0.00	psample10	OK	1	F010382
1950-1.RAW		500											1950-1.RAW		6.88	3.43	0.00	0.00	0.00	psample10	OK	1	F010382
1951-1.RAW		500											1951-1.RAW		8.48	2.69	0.00	0.00	0.00	psample10	OK	1	F010382
1952-1.RAW		500											1952-1.RAW		12.83	3.35	20.10	0.00	0.00	psample10	CT	1	F010382
1953-1.RAW		500											1953-1.RAW		42.45	21.47	74.43	0.00	0.00	psample10	CT	1	F010382
1954-1.RAW		500											1954-1.RAW		52.95	164.77	73.44	0.00	0.00	psample10	CT	1	F010382
1955-1.RAW		500											1955-1.RAW		59.95	156.46	85.79	0.00	0.00	psample10	CT	1	F010382
1956-1.RAW		500											1956-1.RAW		50.82	24.10	73.67	0.00	0.00	psample10	CT	1	F010382
1957-1.RAW		1											1957-1.RAW		17.47	72.92	0.00	0.00	0.00	psample10	OK	1	
1958-1.RAW		1											1958-1.RAW		10.28	0.00	0.00	0.00	0.00	psample10	CT	1	
1959-1.RAW		2500											1959-1.RAW		12.48	17.80	0.00	0.00	0.00	psample10	OK	1	F010382
1960-1.RAW		2500											1960-1.RAW		20.41	48.78	2.23	0.00	0.00	psample10	OK	1	F010382
1961-1.RAW		2500											1961-1.RAW		13.73	49.54	0.13	0.00	0.00	psample10	OK	1	F010382
1962-1.RAW		500											1962-1.RAW		30.22	24.20	64.94	0.00	0.00	psample10	OK	1	F010382
1963-1.RAW		500											1963-1.RAW		23.08	13.67	26.56	0.00	0.00	psample10	OK	1	F010382
1964-1.RAW		500											1964-1.RAW		16.32	2.71	12.52	0.00	0.00	psample10	OK	1	F010382
1965-1.RAW		500											1965-1.RAW		39.89	71.86	0.00	0.00	0.00	psample10	CT	1	F010382
1966-1.RAW		500											1966-1.RAW		43.33	9.06	3.26	0.00	0.00	psample10	OK	1	F010382
1967-1.RAW		1											1967-1.RAW		26.96	68.41	0.00	0.00	0.00	psample10	OK	1	F010382
1968-1.RAW		1											1968-1.RAW		18.58	2.17	0.00	0.00	0.00	psample10	OK	1	

21:46:31

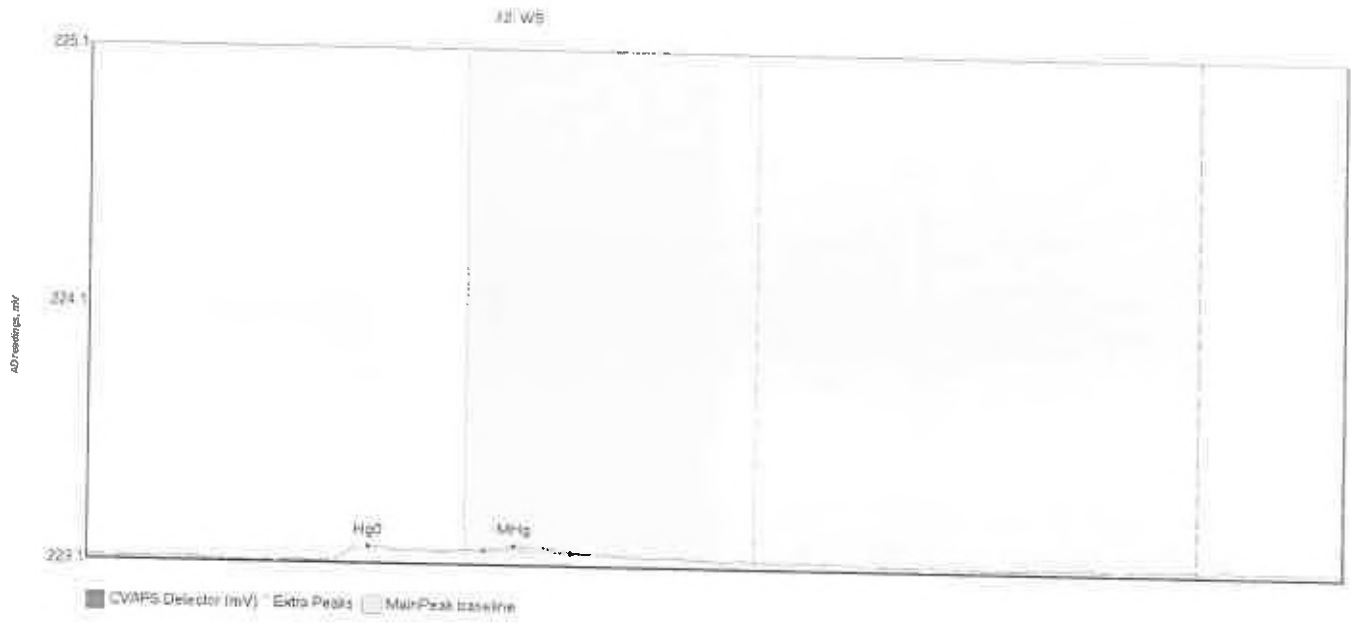
MHg27001-201016-2 RUN LOG

WS	A1		
SEQ-IBL1	A2		
SEQ-CAL1	A3		
SEQ-CAL2	A4		
SEQ-CAL3	A5		
SEQ-CAL4	A6		
SEQ-CAL5	A7		
SEQ-ICV1	A8		
SEQ-ICB1	A9		
WS	A11		
WS	A12		
WS	A13		
WS	A14		
WS	A15		
WS	A16		
WS	A17		
WS	A18		
WS	A19		
WS	A20		
WS	A21		
SEQ-CCV1	B1		
SEQ-CCB1	B2		
F010382-BS1	B3		
F010382-BSD1	B4		
F010382-BLK1	B5		
F010382-BLK2	B6		
F010382-BLK3	B7		
F010382-BLK4	B8		
0I00073-BM	B9		
F010382-MS1	B10		
F010382-MSD1	B11		
0I00073-BL	B12		
SEQ-CCV2	B13	0J00031-01	B19
SEQ-CCB2	B14	0J00050-01	B20
0J00051-01	B15	0J00078-01	B21
F010382-MS2	B16	0J00079-01	C1
F010382-MSD2	B17	SEQ-CCV3	C2
0J00028-01	B18	SEQ-CCB3	C3

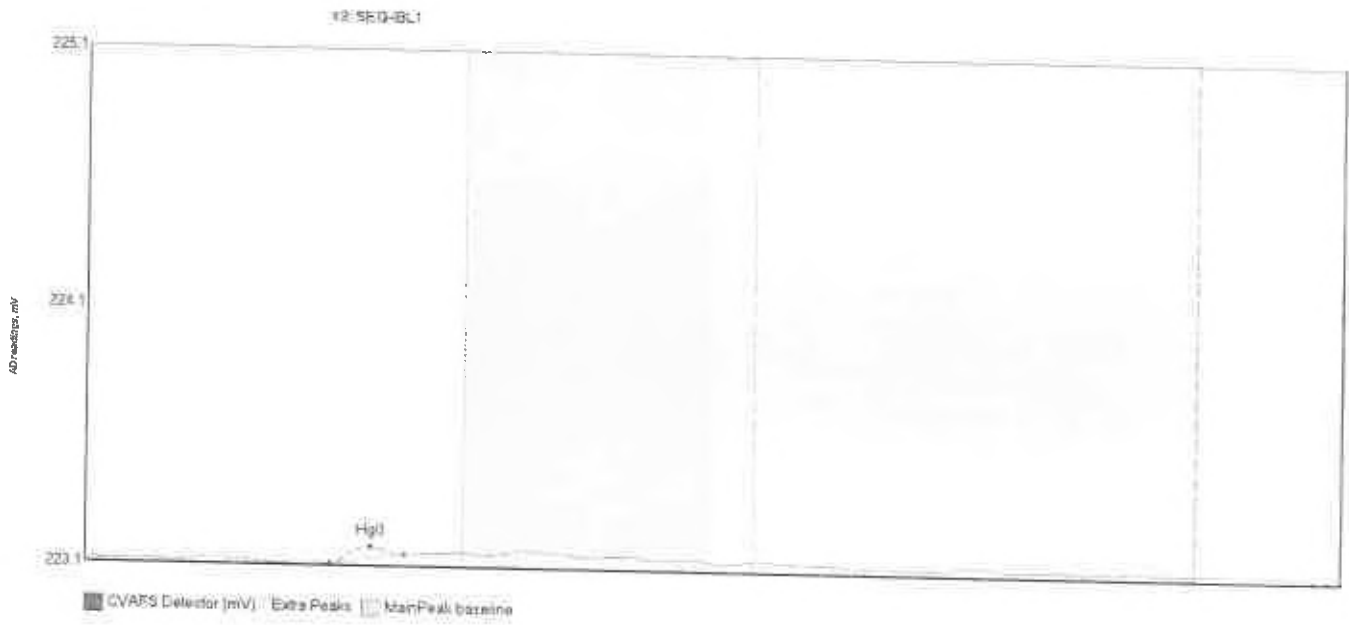
Verified by: *emb 10/19/20*



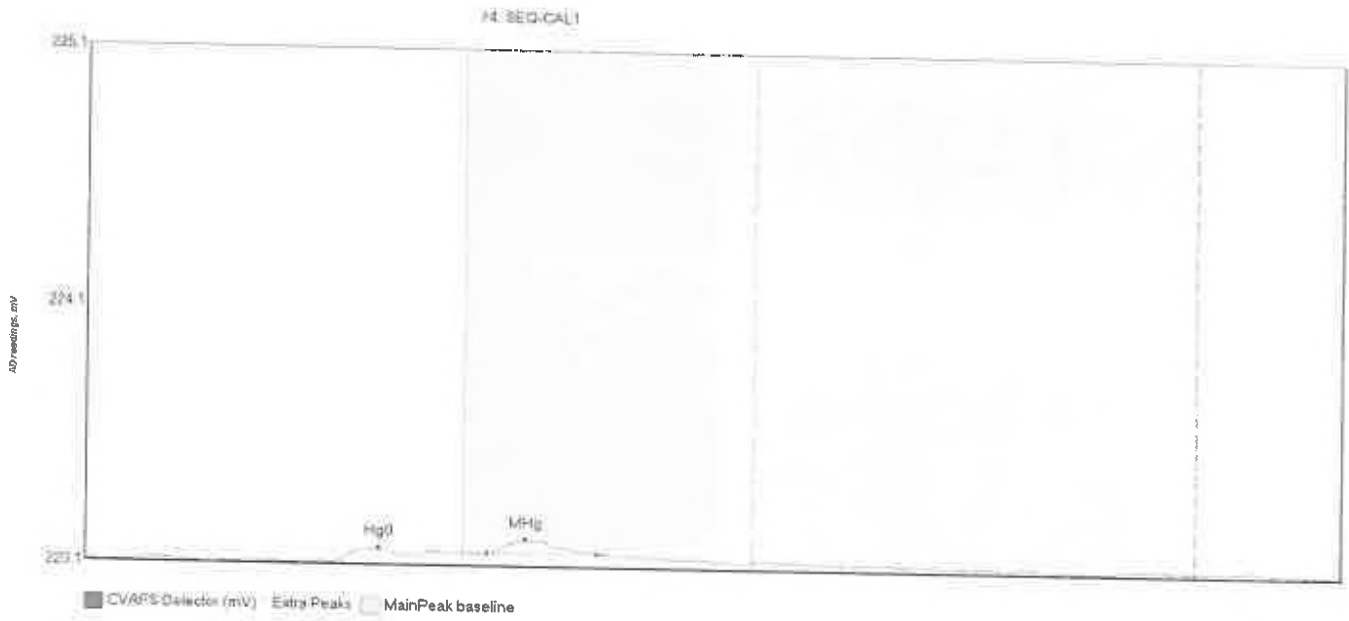
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Clean Hg0	1.922	16.9	38.4	223.19	223.19	27.0	0.017	OK	223.1852	0.00	-0.01	
Clean HgII	1.185	151.7	169.9	223.16	223.17	160.6	0.015	OK	223.1852	0.00	-0.01	



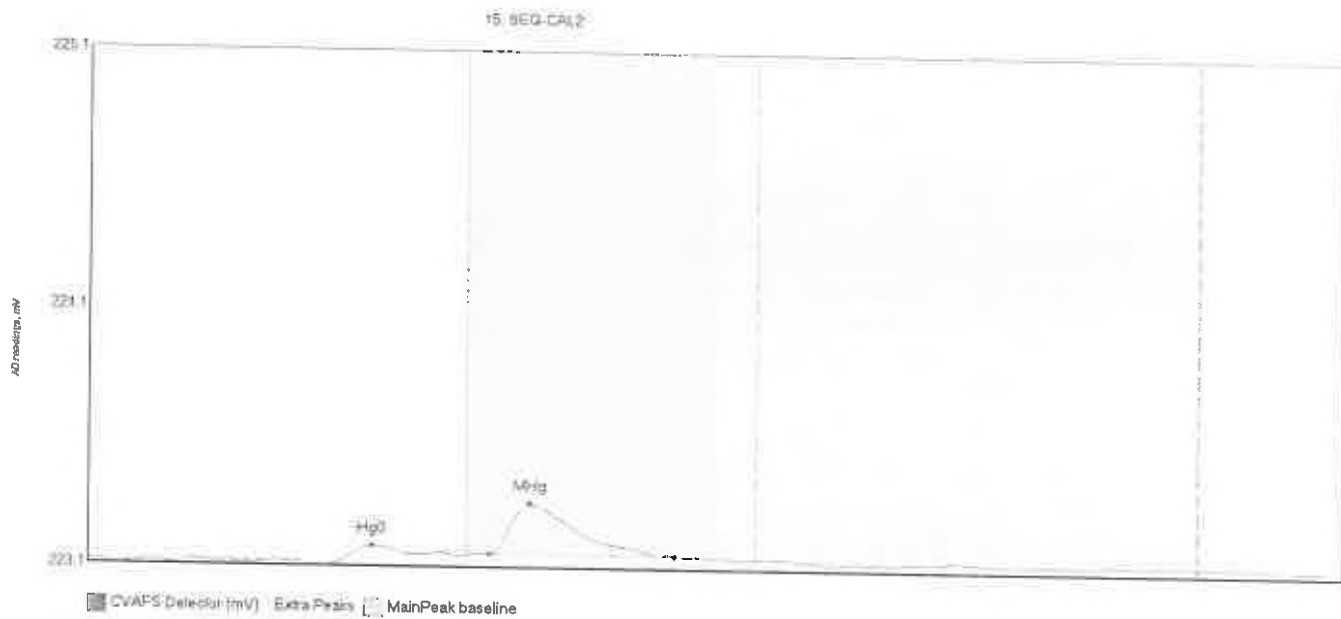
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	4.659	48.1	70.3	223.12	223.16	55.9	0.057	OK	223.1260	0.00	0.00	
WS MHg	2.457	78.8	96.0	223.16	223.16	84.7	0.020	OK	223.1260	0.00	0.00	



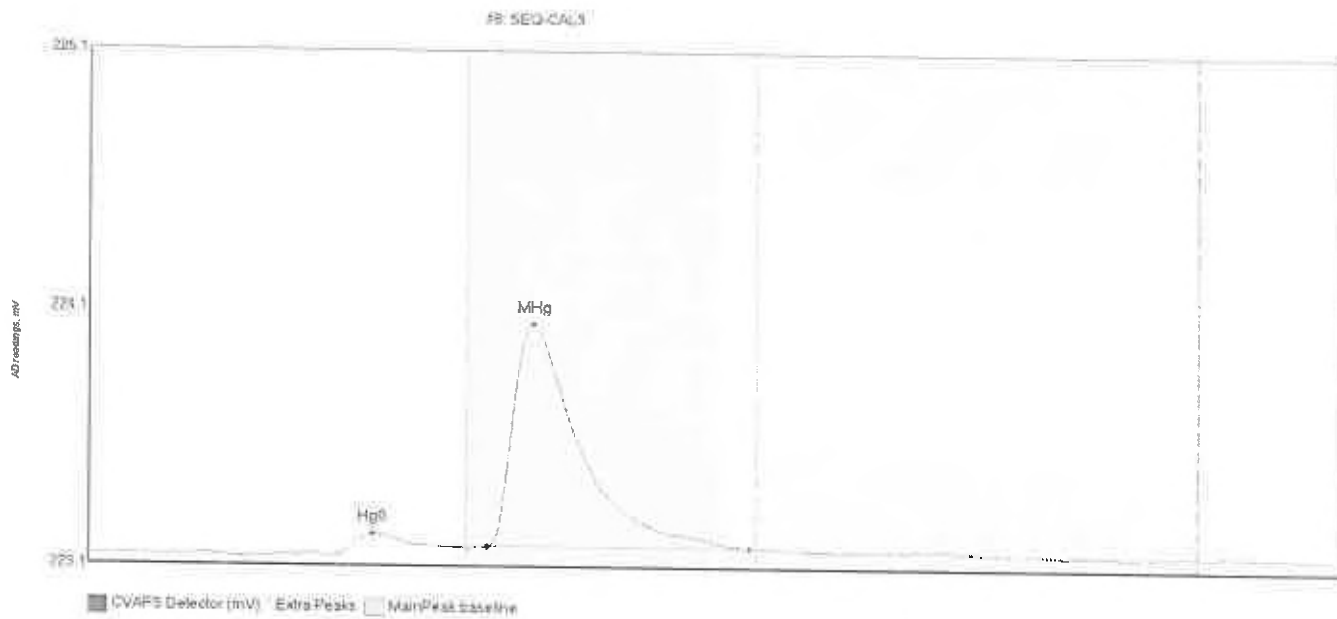
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-IBL1	3.560	48.7	63.4	223.11	223.14	56.7	0.066	OK	223.1169	0.00	-0.01	



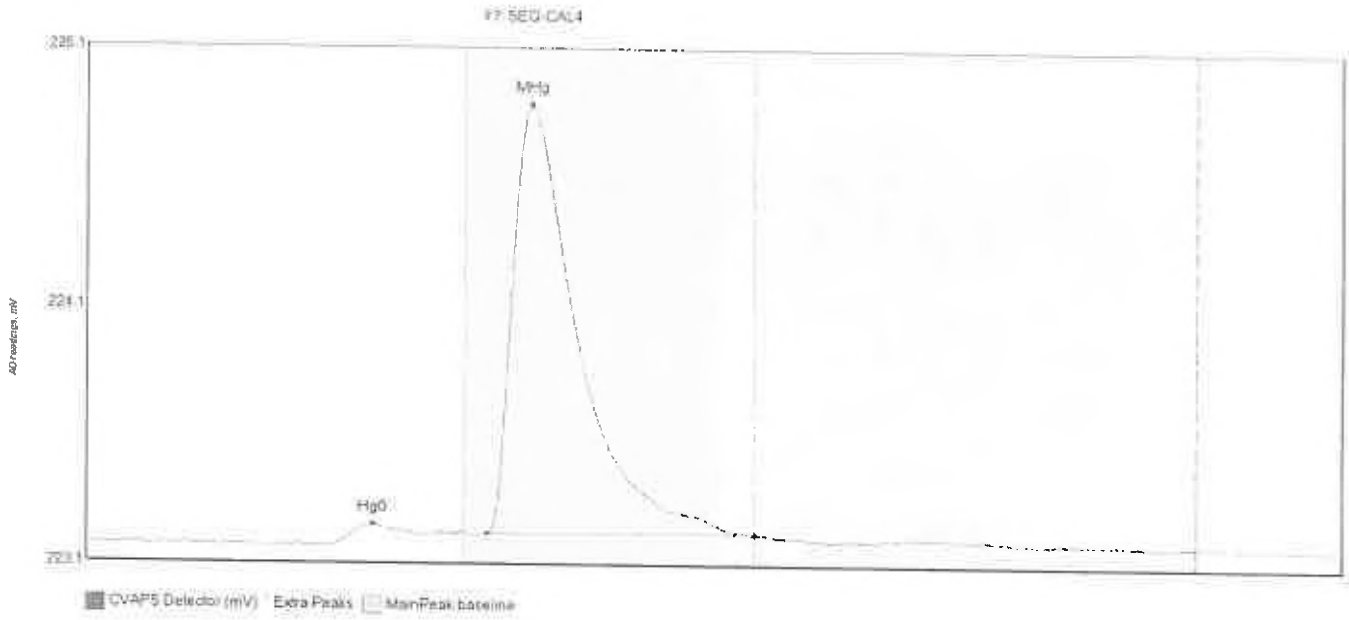
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CAL1 Hg0	3.974	49.1	65.2	223.11	223.14	58.3	0.058	OK	223.1186	0.00	0.00	
SEQ-CAL1 MHg	6.053	79.7	101.5	223.16	223.16	87.3	0.055	OK	223.1186	0.00	0.00	



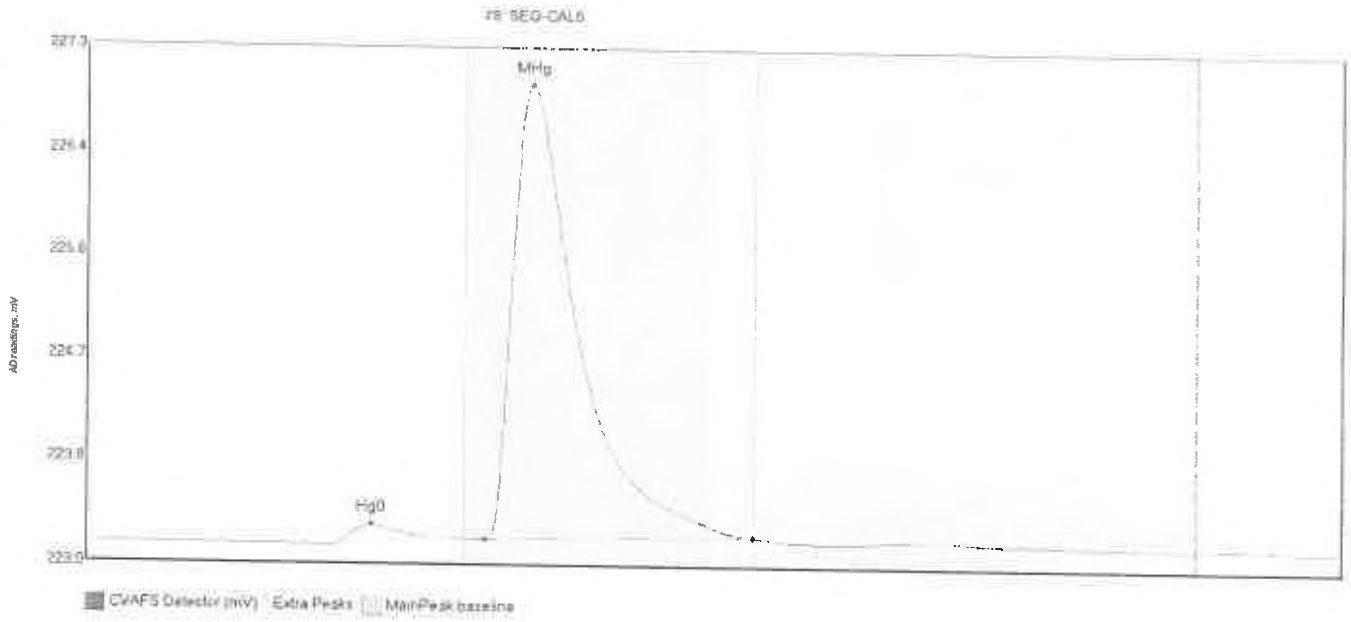
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL2 Hg0	7.018	48.6	73.5	223.11	223.15	56.4	0.069	OK	223.1257	0.00	0.00	
SEQ-CAL2 MHg	28.247	79.7	116.3	223.16	223.16	87.6	0.195	OK	223.1257	0.00	0.00	



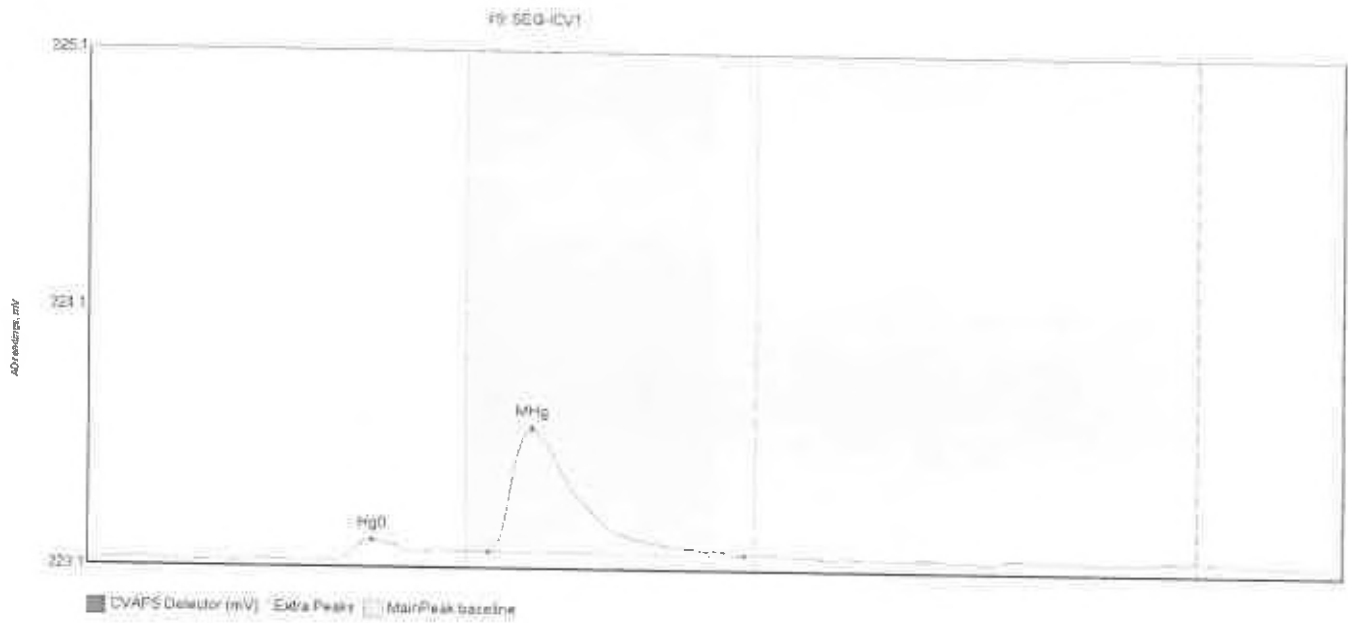
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL3 Hg0	9.163	48.8	75.0	223.12	223.15	56.3	0.088	CT	223.1236	0.00	0.00	
SEQ-CAL3 MHg	132.169	79.0	131.1	223.16	223.16	88.2	0.866	OK	223.1236	0.00	0.00	



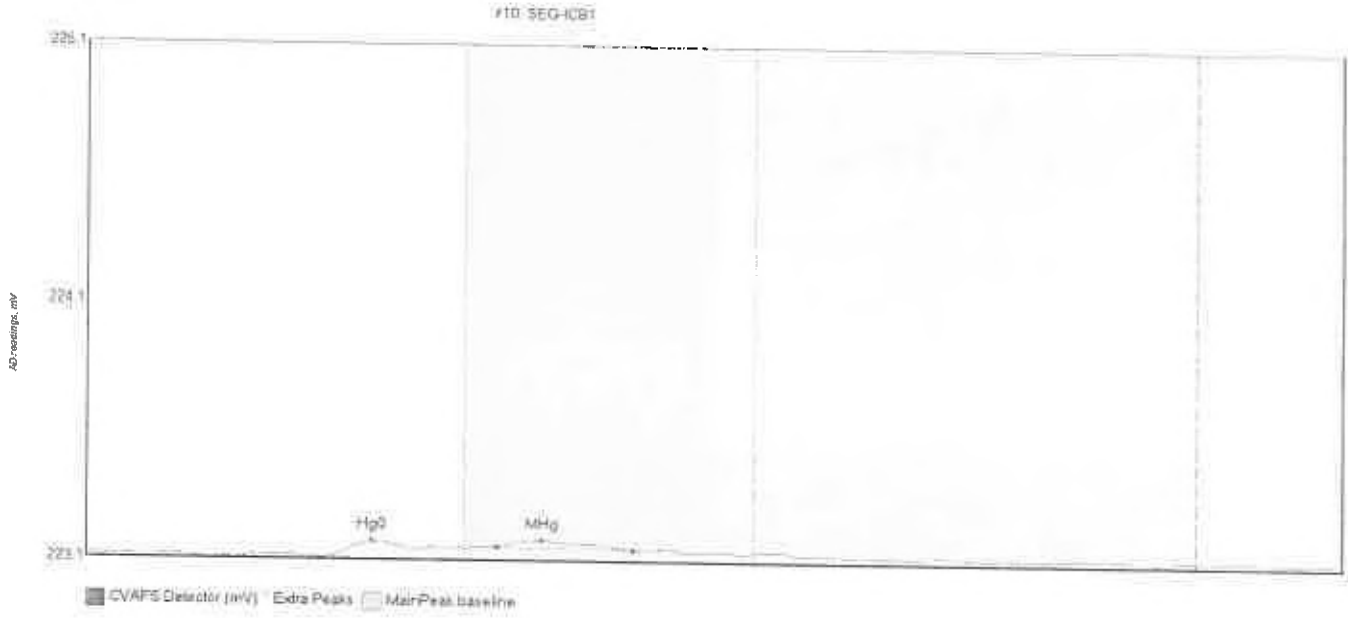
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CAL4 Hg0	5.502	48.1	67.2	223.13	223.17	56.8	0.079	OK	223.1341	0.00	0.00	
SEQ-CAL4 MHg	247.141	79.5	132.5	223.18	223.18	88.2	1.663	CT	223.1341	0.00	0.00	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL5 Hg0	17.431	48.3	75.0	223.13	223.19	56.5	0.167	CT	223.1572	0.00	-0.01	
SQ-CAL5 MHg	566.688	79.0	132.2	223.18	223.22	88.3	3.795	OK	223.1572	0.00	-0.01	

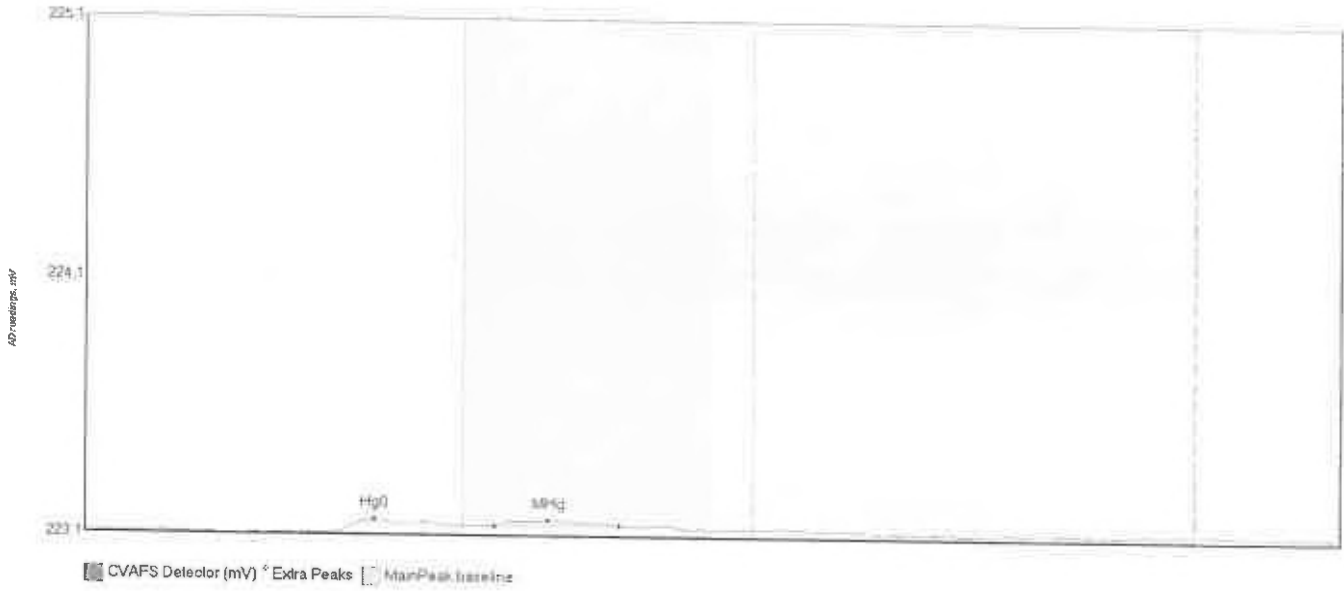


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-ICV1 Hg0	5.230	49.1	64.3	223.14	223.18	56.5	0.077	OK	223.1395	0.00	0.01	
SEQ-ICV1 MHg	72.111	79.5	130.2	223.18	223.18	88.1	0.472	OK	223.1395	0.00	0.01	



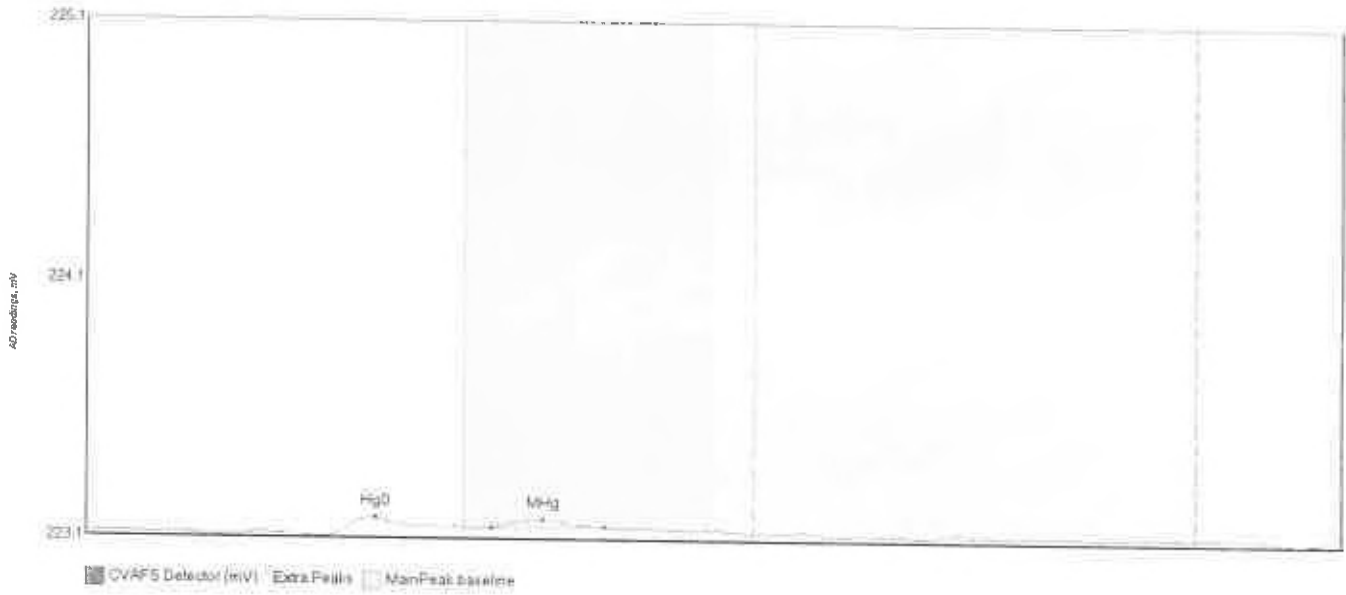
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-ICB1 Hg0	3.953	49.2	65.4	223.16	223.18	56.7	0.056	OK	223.1612	0.00	-0.01	
SEQ-ICB1 MHg	5.091	81.4	108.3	223.19	223.18	90.3	0.027	OK	223.1612	0.00	-0.01	

#11: WS

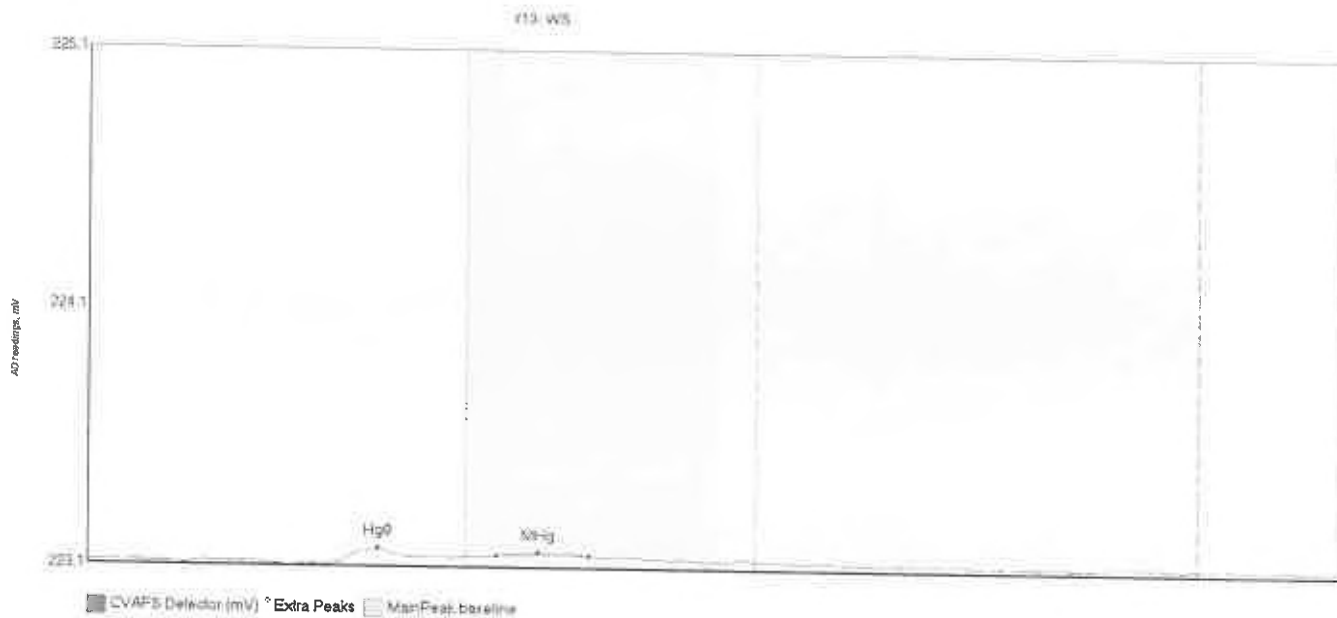


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	5.651	48.5	73.9	223.15	223.18	57.4	0.054	OK	223.1612	0.00	0.00	AWAITING S
WS MItg	3.445	81.3	105.9	223.16	223.19	91.9	0.023	OK	223.1612	0.00	0.00	AWAITING S

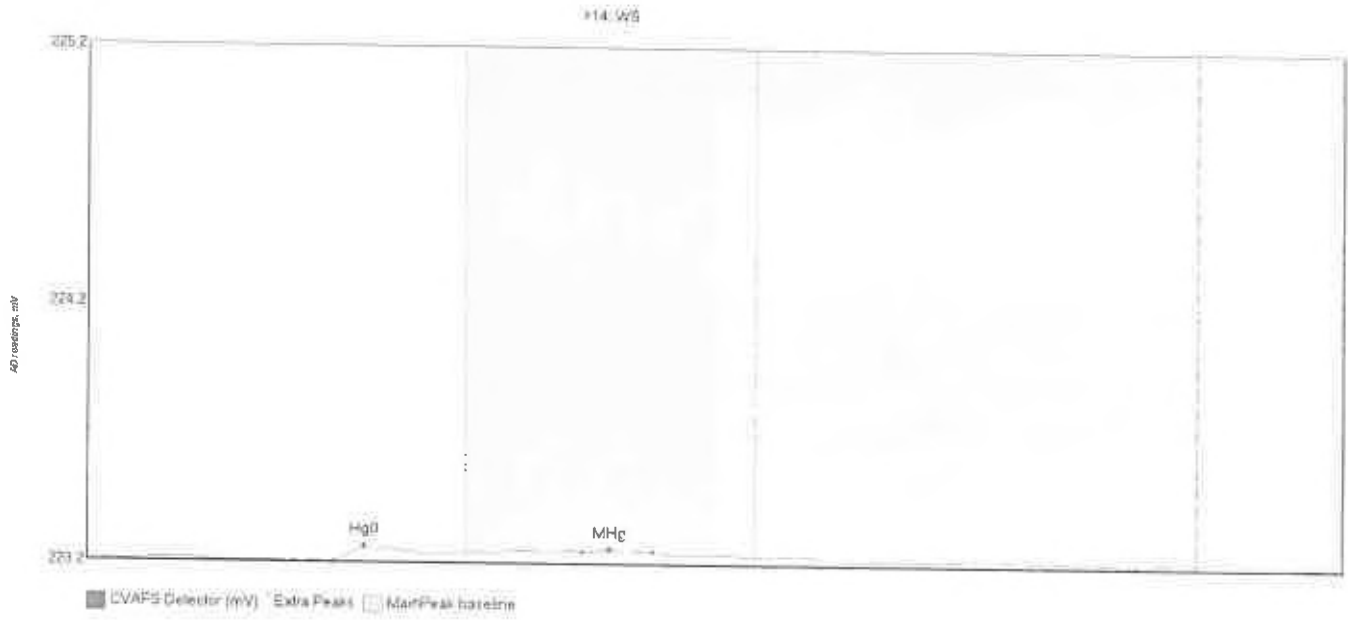
#12: WS



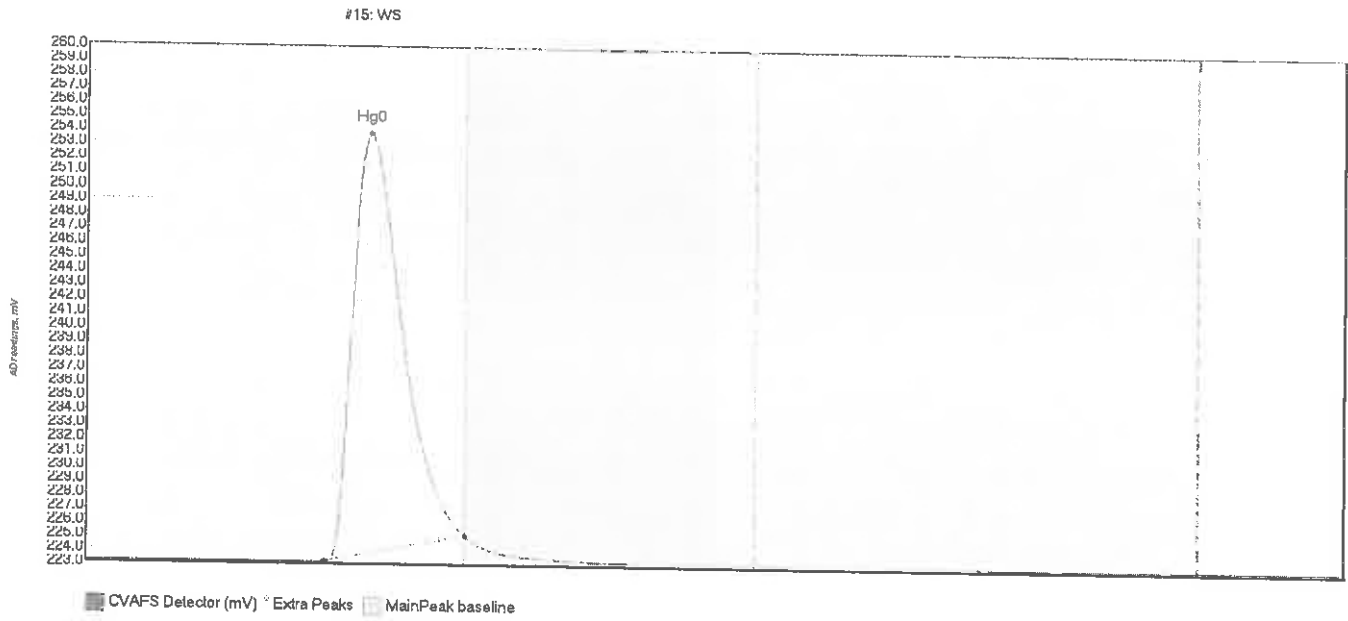
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS Hg0	4.986	47.7	65.1	223.15	223.19	57.5	0.075	OK	223.1652	0.00	-0.01	
WS MHg	3.602	80.5	102.9	223.19	223.20	90.7	0.032	OK	223.1652	0.00	-0.01	



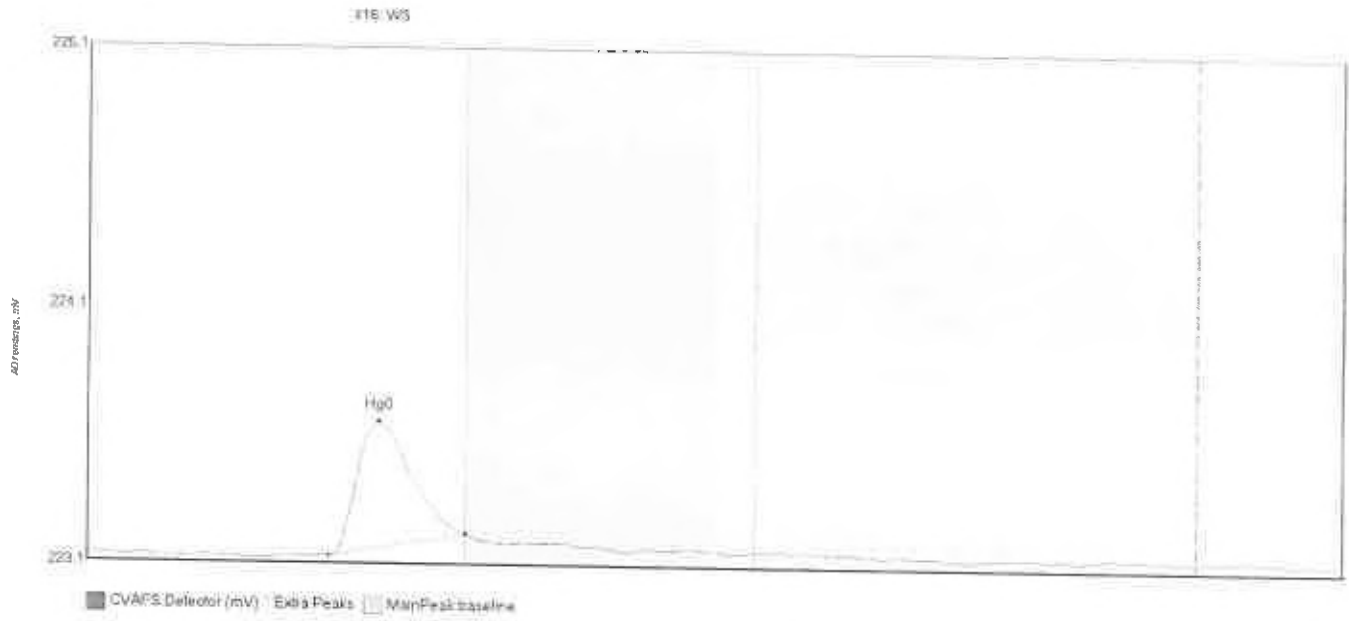
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	5.238	47.1	72.0	223.16	223.19	57.7	0.063	OK	223.1652	0.00	0.00	
WS MHg	1.515	81.1	99.3	223.19	223.19	89.3	0.013	OK	223.1652	0.00	0.00	



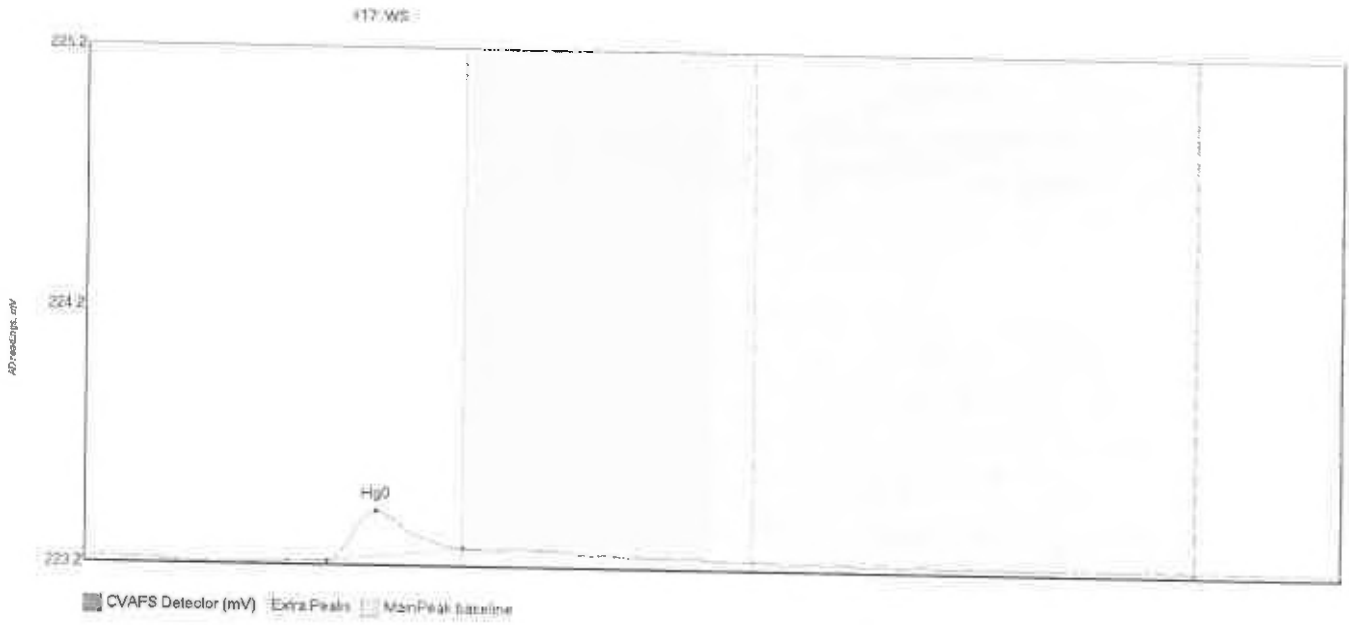
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS Hg0	4.828	49.4	66.8	223.17	223.19	55.1	0.053	OK	223.1707	0.00	-0.01	
WS MHg	0.769	98.4	112.2	223.20	223.21	103.6	0.012	OK	223.1707	0.00	-0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	3366.352	47.1	75.0	223.18	225.07	56.2	30.548	CT	223.1823	0.00	0.01	

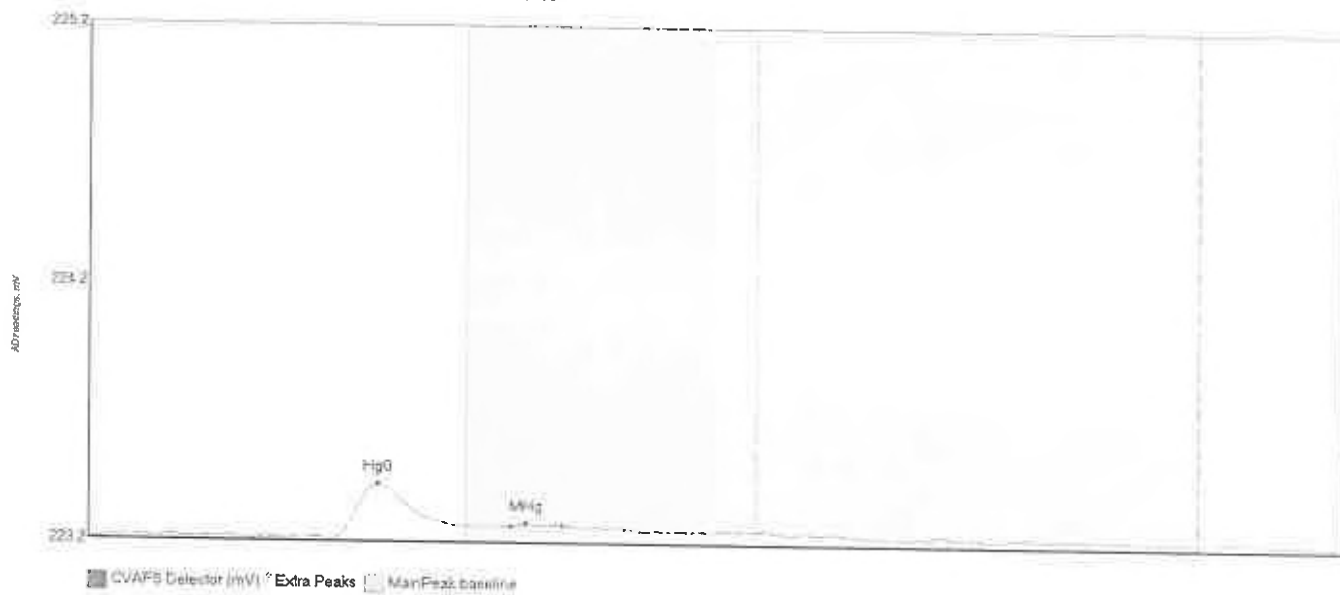


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	59.850	47.9	75.0	223.18	223.26	57.8	0.520	CT	223.1762	0.00	0.00	

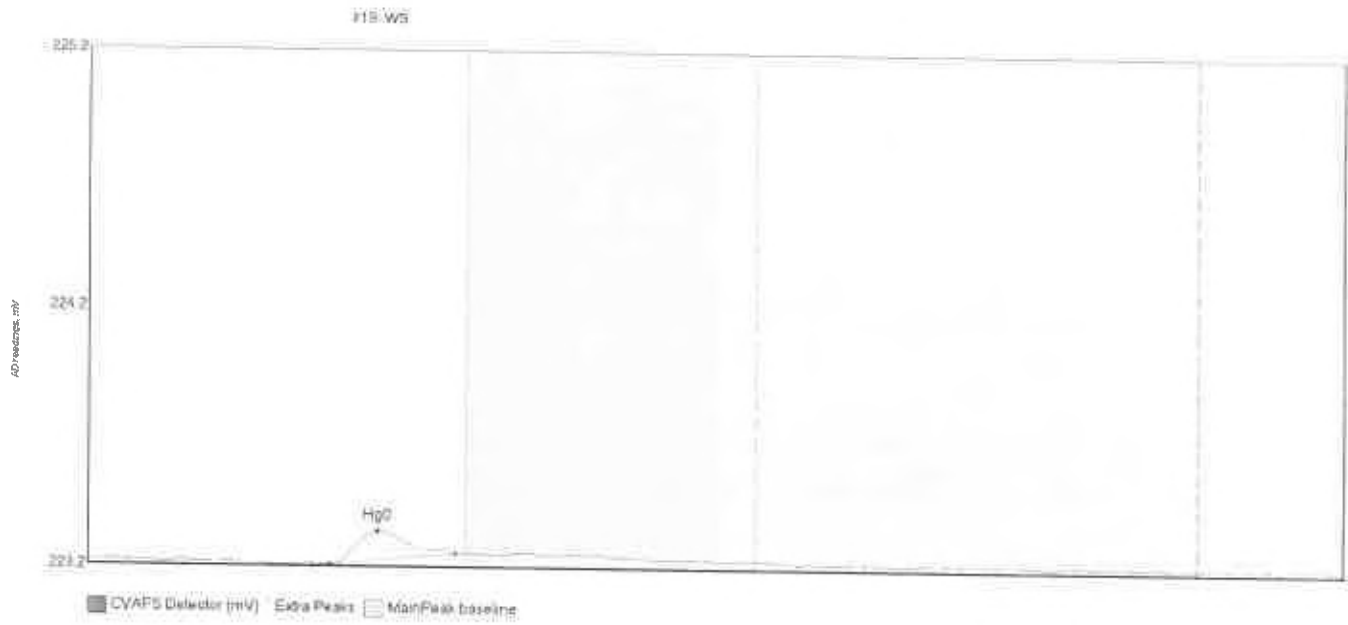


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
WS	21.274	48.3	75.0	223.19	223.24	57.8	0.193	CT	223.1978	0.00	-0.01	

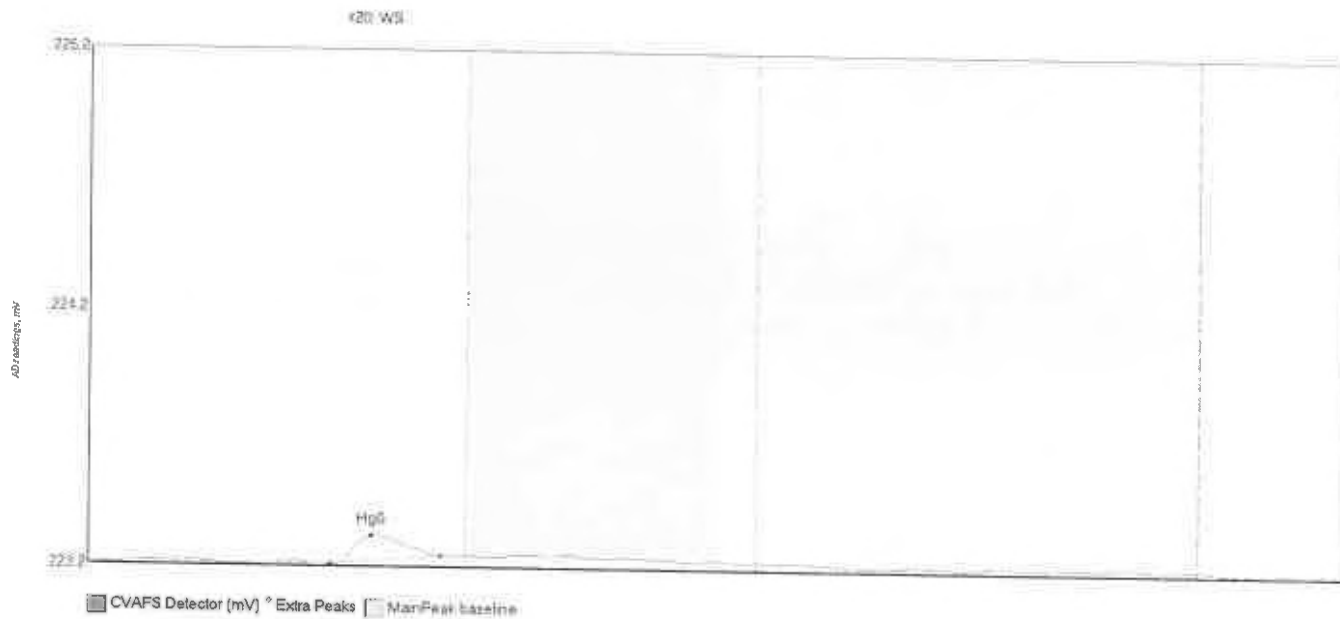
#18: WS



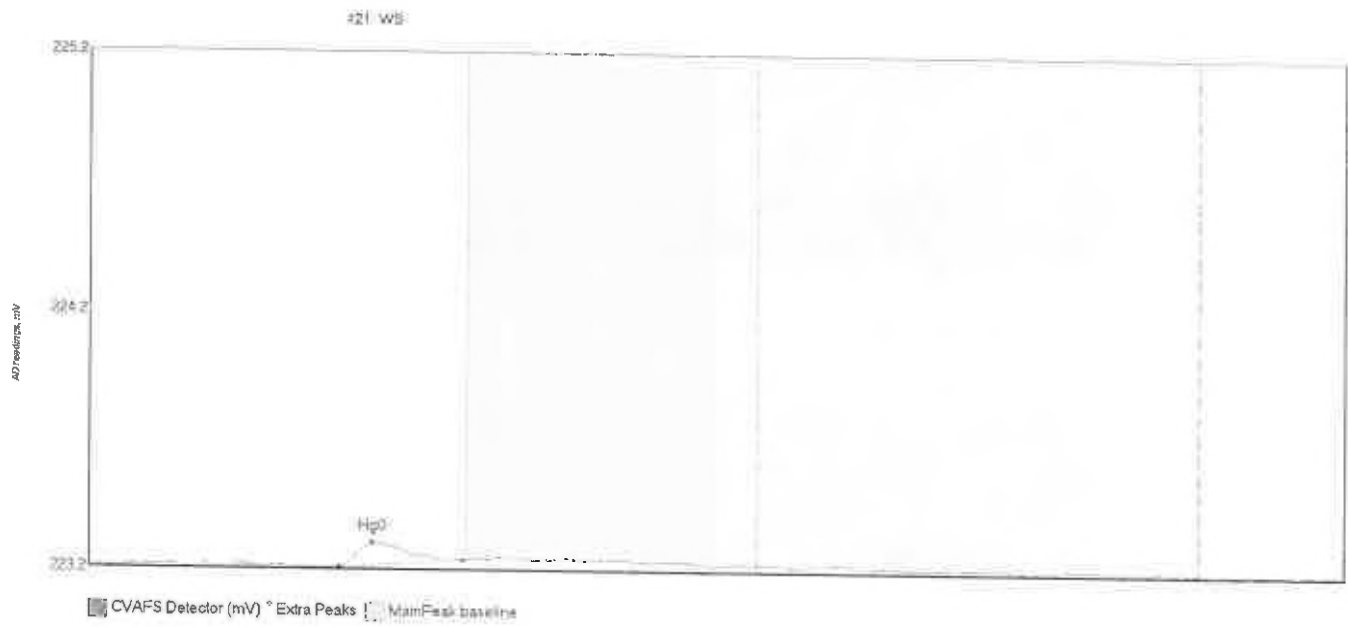
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	21.291	48.8	74.3	223.18	223.23	57.4	0.205	OK	223.1801	0.00	0.01	
WS MHg	0.557	83.6	94.0	223.23	223.23	86.8	0.010	OK	223.1801	0.00	0.01	



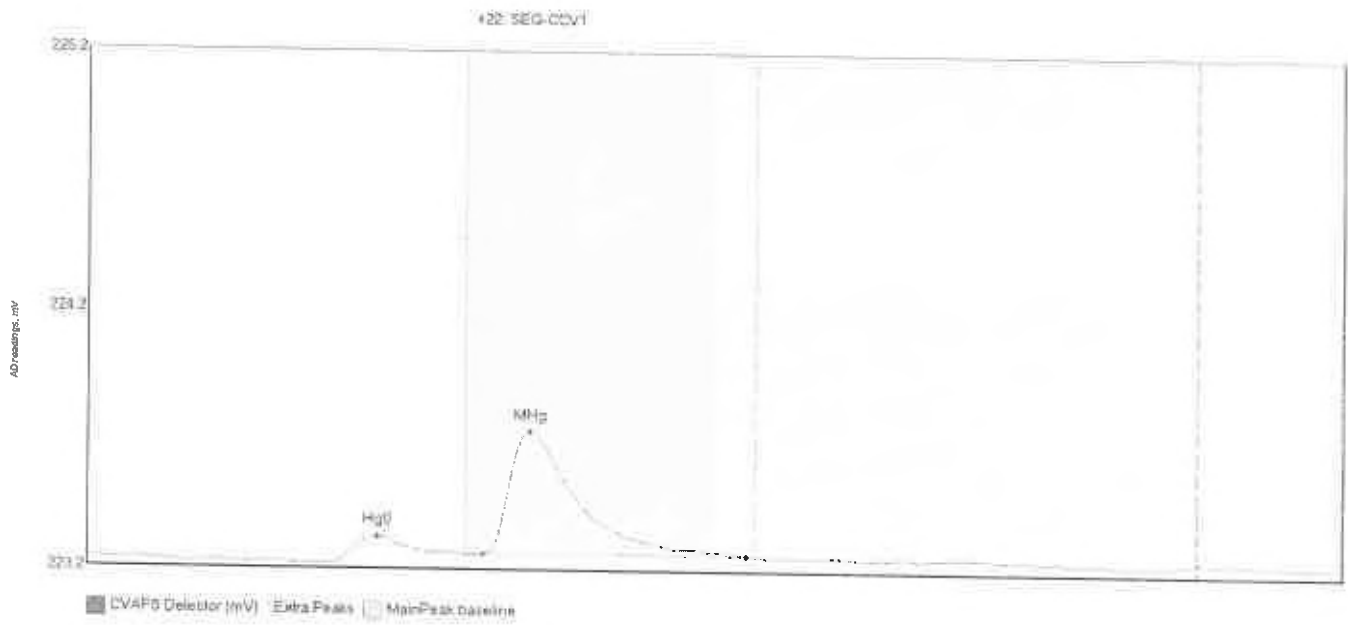
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Comment
WS	12.807	48.2	72.9	223.19	223.23	57.5	0.130	OK	223.1974	0.00	



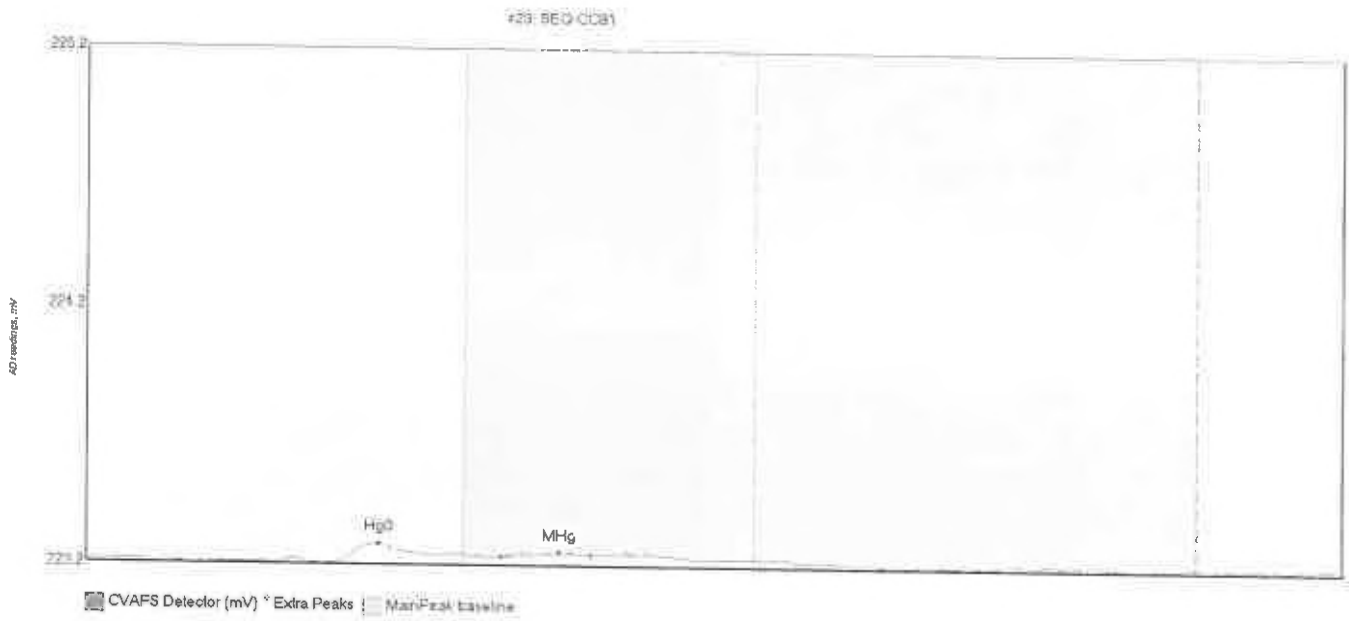
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	11.011	48.2	69.8	223.18	223.22	56.2	0.110	OK	223.1877	0.00	0.00	



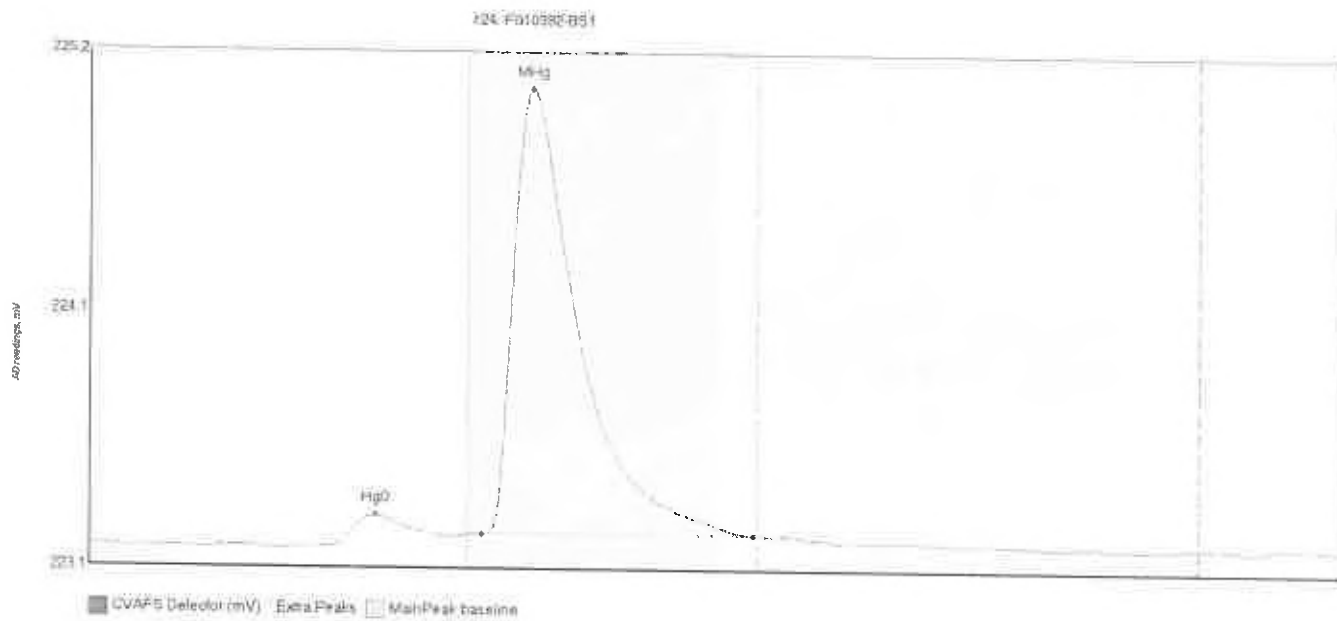
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	10.001	49.7	74.2	223.19	223.22	56.4	0.093	OK	223.2000	0.00	0.00	



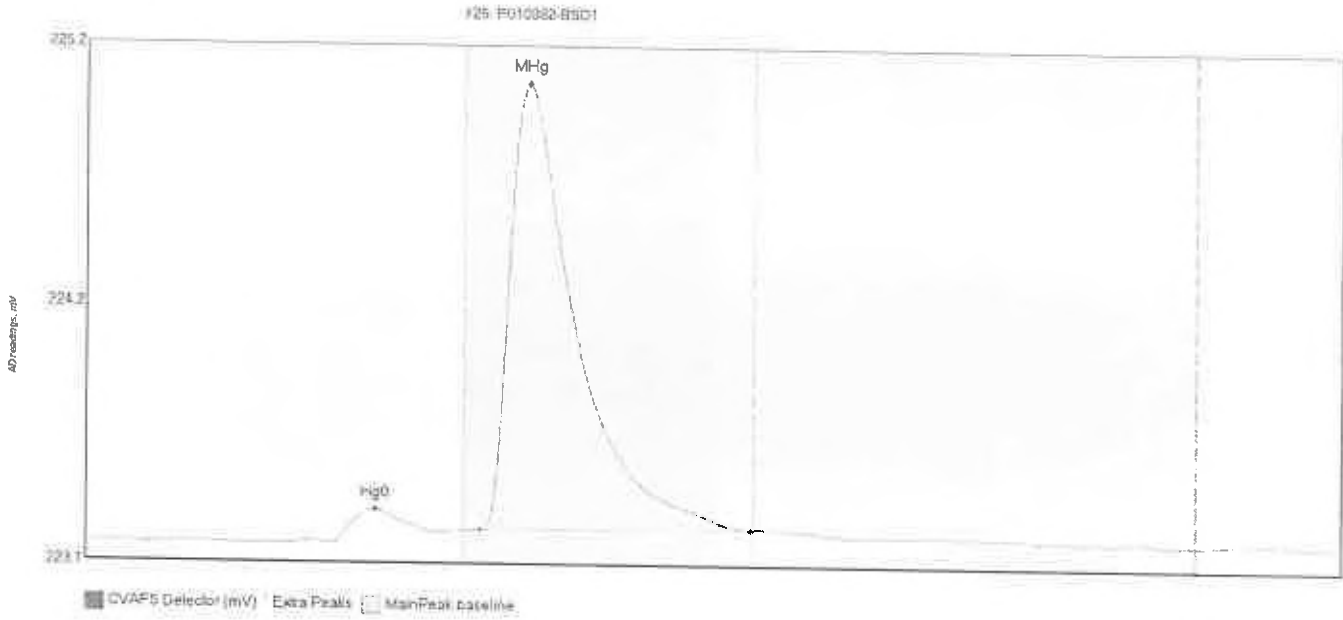
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
SEQ-CCVI Hg0	10.581	48.1	74.9	223.19	223.23	57.6	0.102	OK	223.2098	0.00	0.00	
SEQ-CCVI MHg	73.363	78.5	130.5	223.23	223.23	87.7	0.473	OK	223.2098	0.00	0.00	



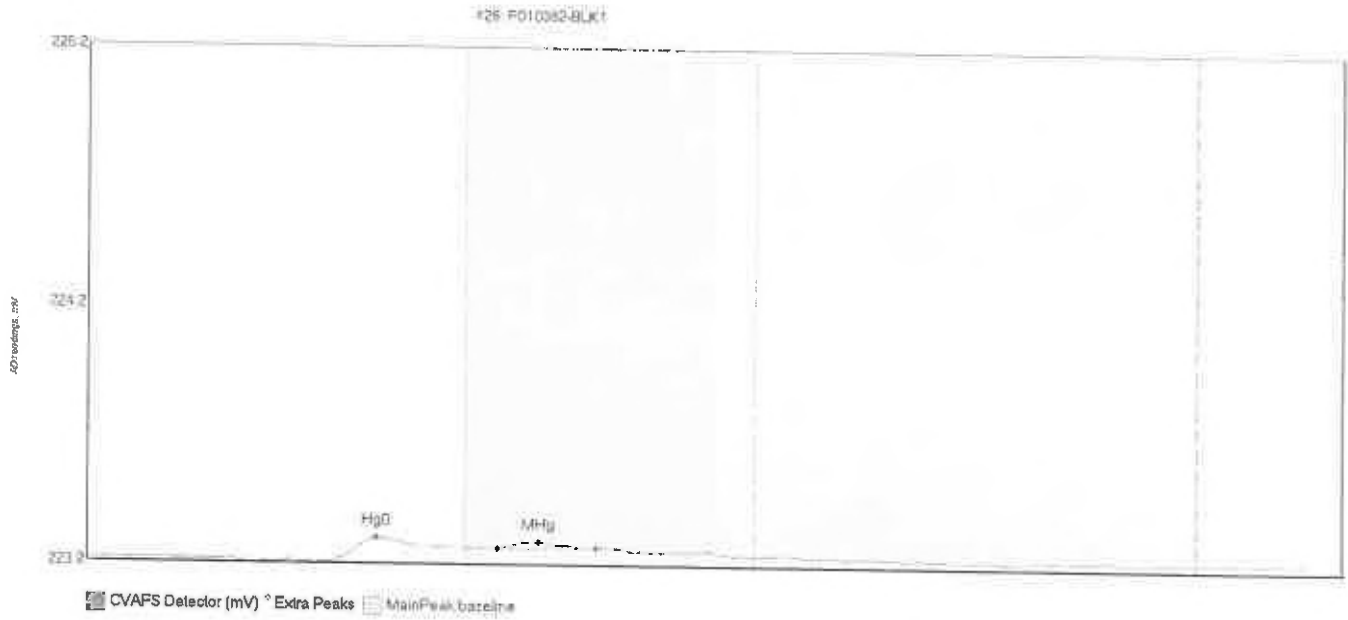
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CC#1 Hg0	5.945	49.0	68.8	223.19	223.22	58.2	0.073	OK	223.1991	0.00	0.00	
SEQ-CC#1 MHg	1.658	82.2	100.0	223.22	223.23	93.7	0.020	CX	223.1991	0.00	0.00	



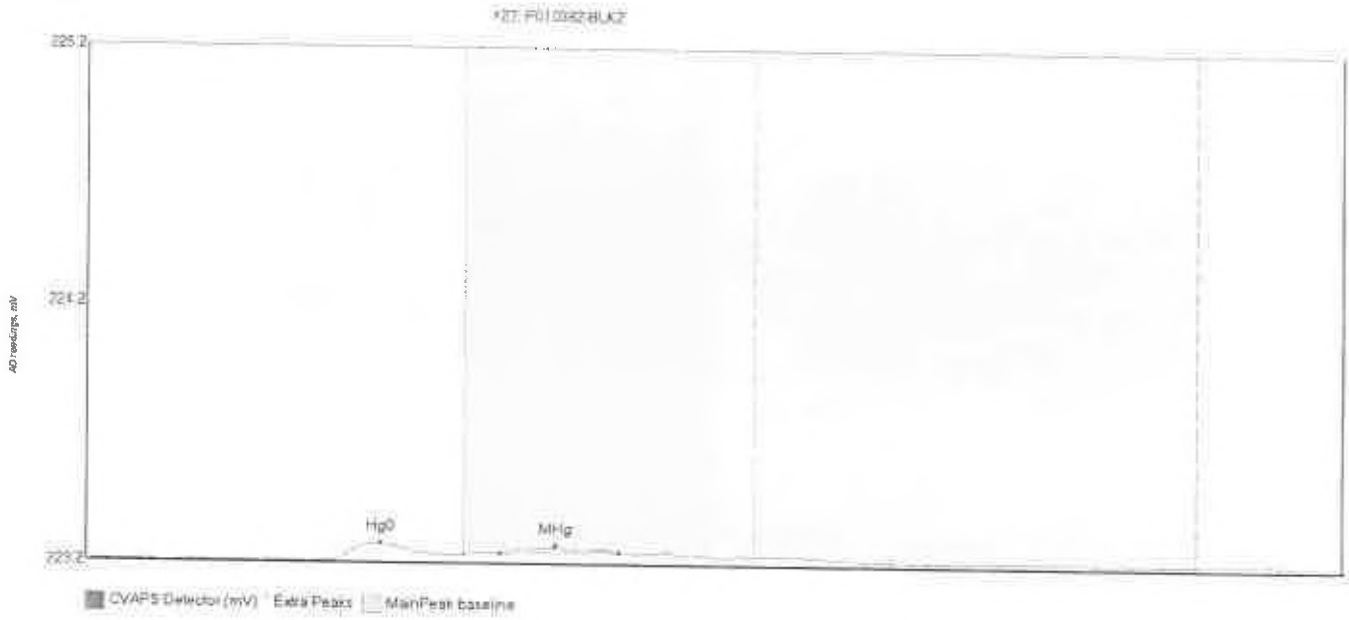
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
47.3-71.0	Hg0 12.070	47.3	71.0	223.19	223.23	56.9	0.126	OK	223.1910	0.00	0.01	F010382
77.8-131.5	MHg 261.635	77.8	131.5	223.25	223.25	87.8	1.761	OK	223.1910	0.00	0.01	F010382



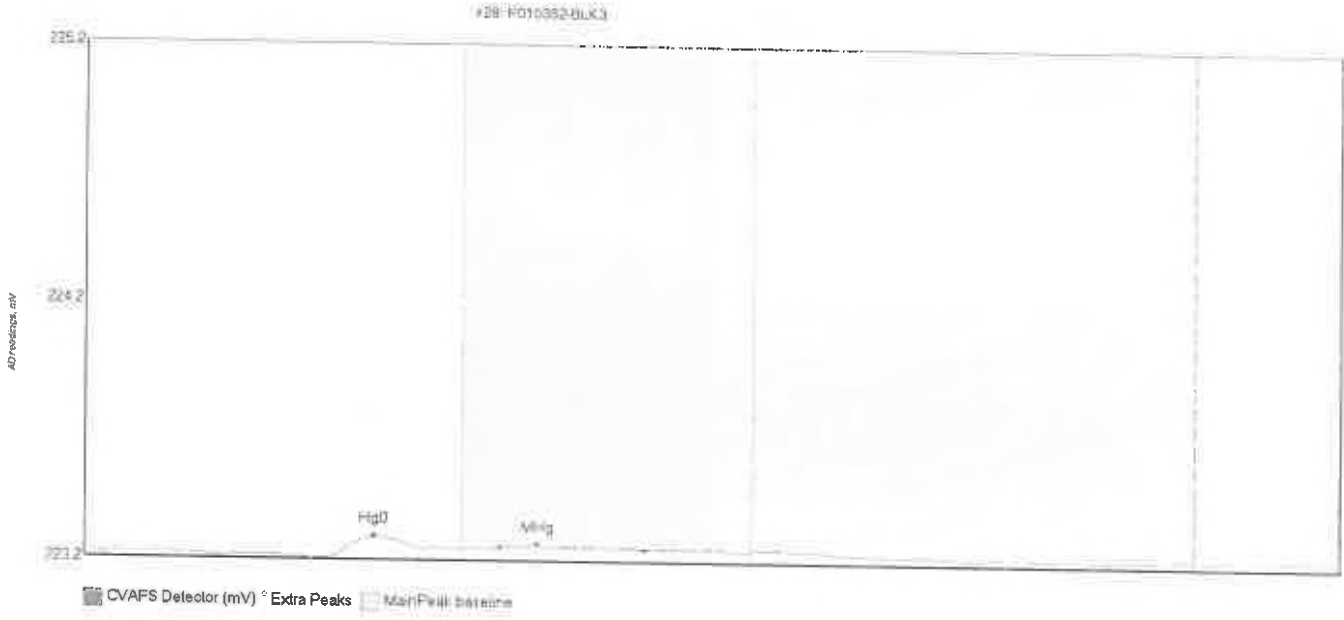
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BlShift	Comment
F010382-BSD1 Hg	12.590	48.5	71.0	223.19	223.24	57.5	0.135	OK	223.1991	0.00	0.00	F010382
F010382-BSD1 MH	271.285	78.3	131.8	223.25	223.26	87.7	1.808	OK	223.1991	0.00	0.00	F010382



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010382-BLK1 Hg	8.269	48.0	74.1	223.20	223.25	57.4	0.086	OK	223.2120	0.00	0.01	F010382
F010382-BLK1 MH	2.349	81.4	101.0	223.26	223.26	89.5	0.024	OK	223.2120	0.00	0.01	F010382

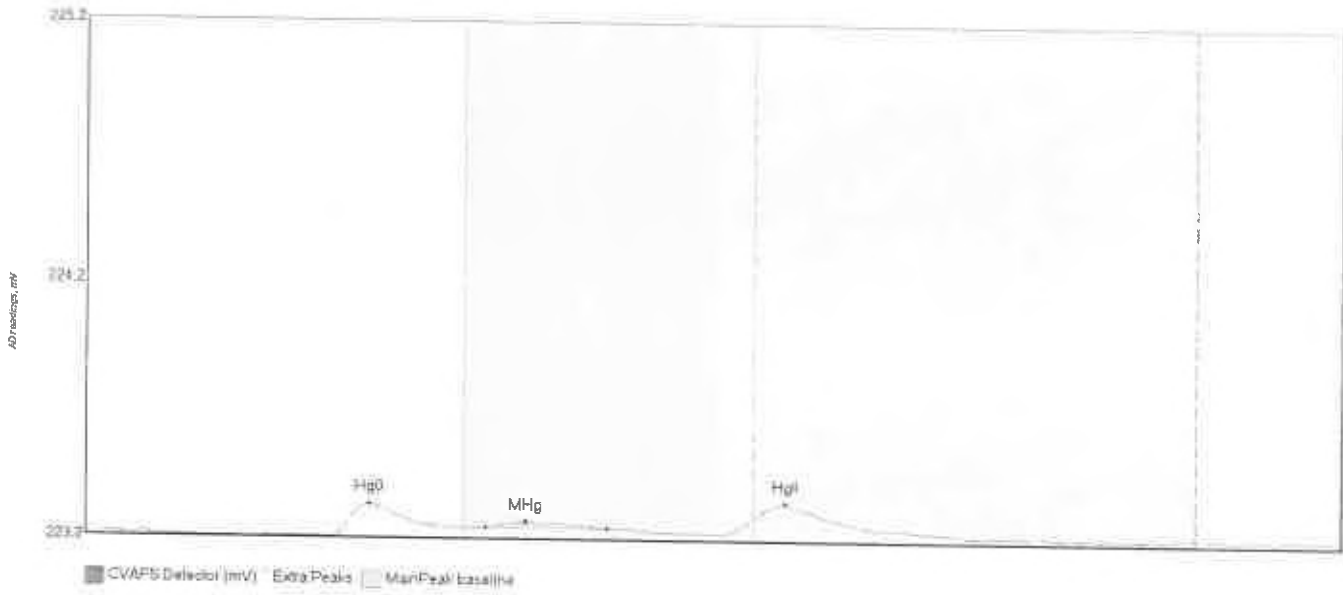


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010382-BLK2 Hg	6.881	48.8	72.7	223.22	223.25	58.5	0.067	OK	223.2208	0.00	0.01	F010382
F010382-BLK2 MH	3.434	62.1	105.6	223.26	223.26	93.1	0.026	OK	223.2208	0.00	0.01	F010382

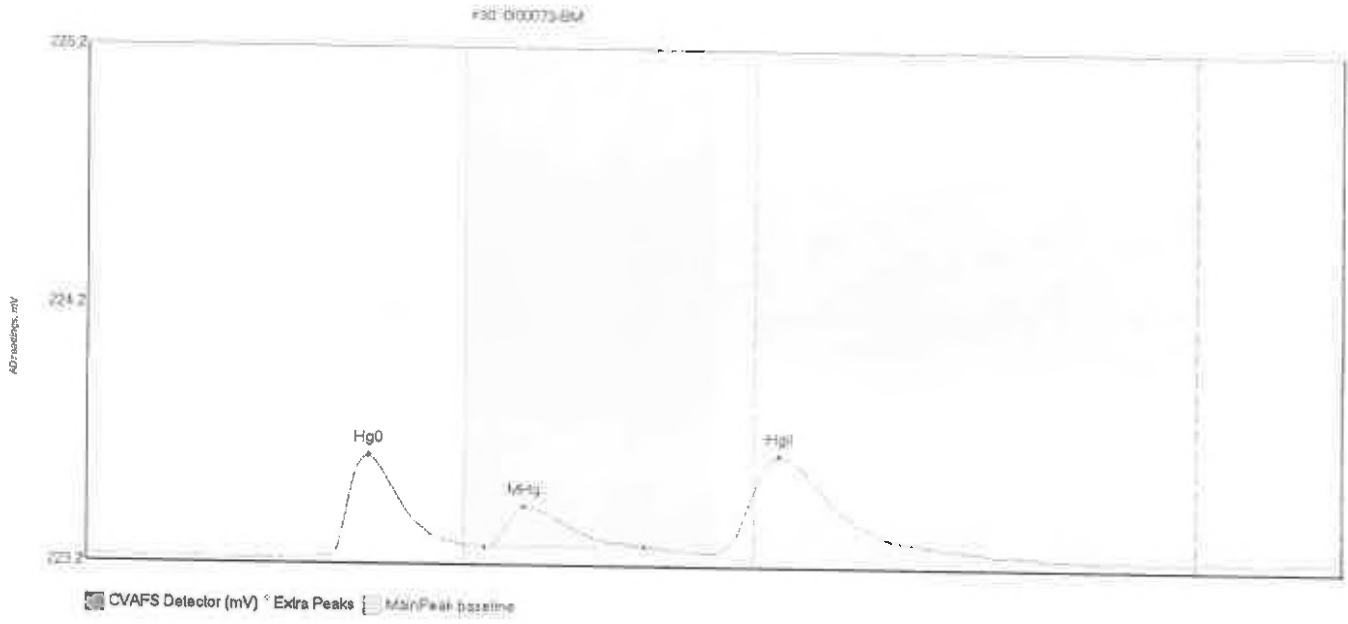


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F010332-BLK3 Hg	8.480	49.3	74.1	223.23	223.26	57.4	0.034	OK	223.2463	0.00	0.00	F010382
F010382-BLK3 MHg	2.694	82.4	111.2	223.27	223.27	89.9	0.014	OK	223.2463	0.00	0.00	F010382

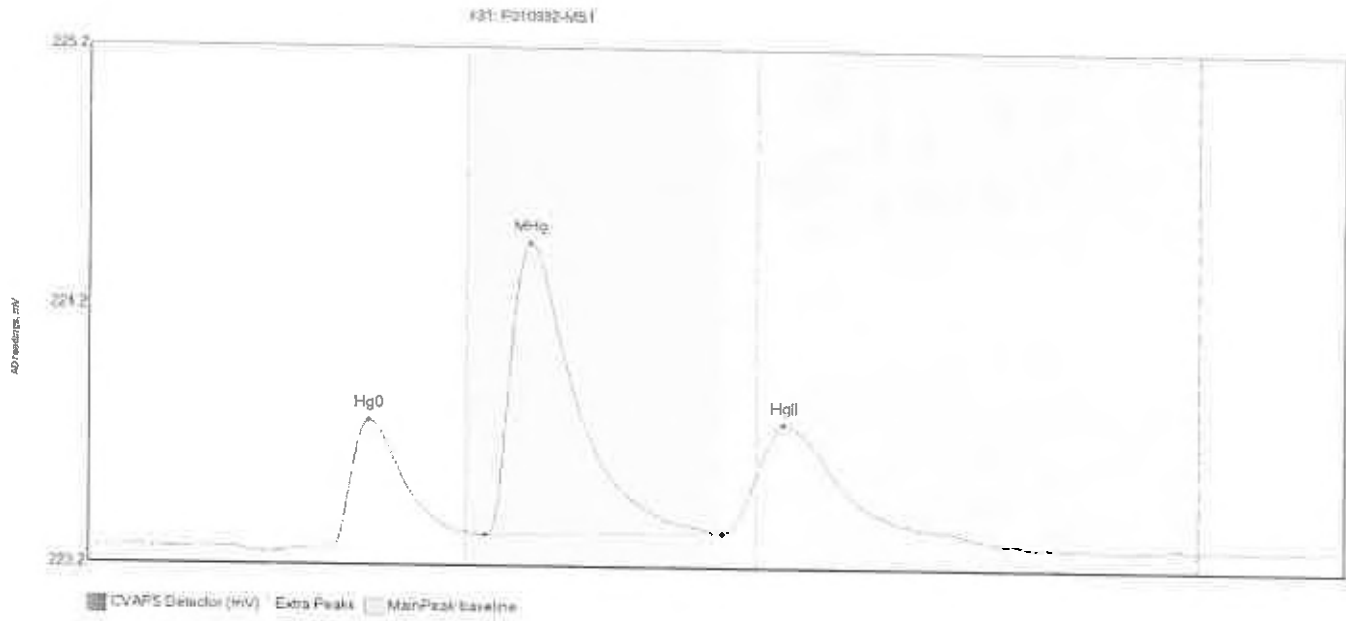
#29: F010382-BLK4



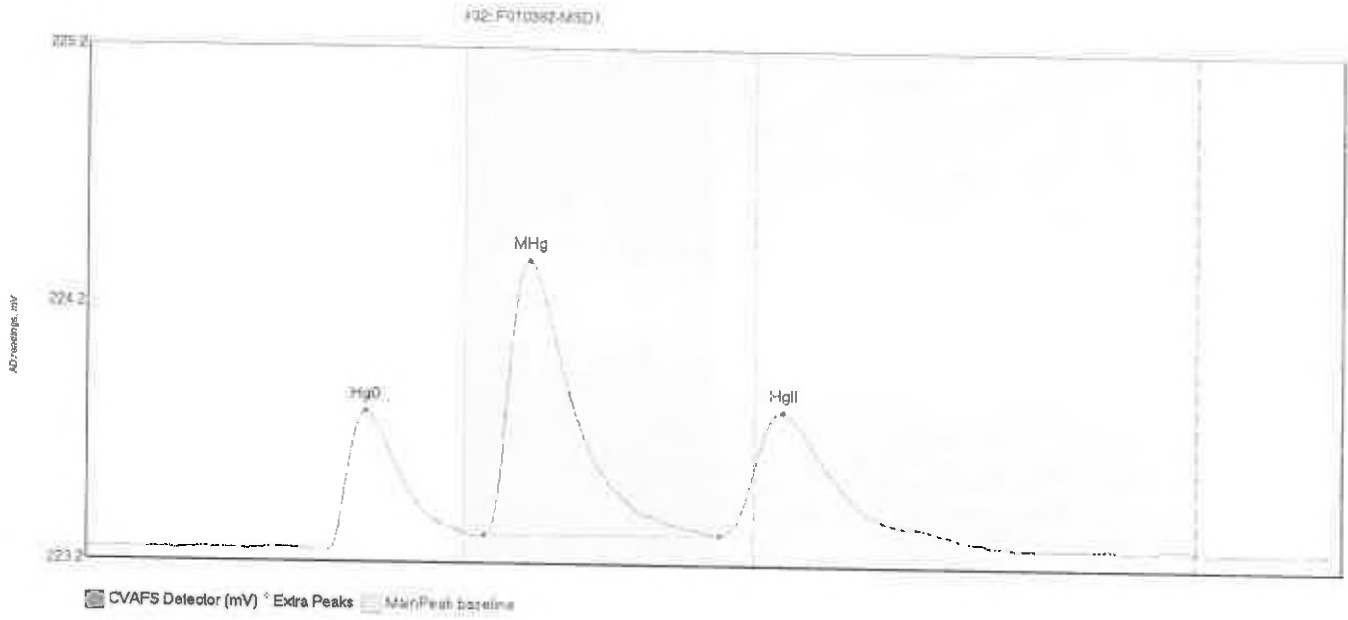
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010382-BLK4	Hg	48.8	75.0	223.25	223.28	56.3	0.124	CT	223.2559	0.00	0.01	F010382
F010382-BLK4	MHg	79.3	103.4	223.28	223.28	87.2	0.023	OK	223.2559	0.00	0.01	F010382
F010382-BLK4	Hg	126.6	170.4	223.27	223.27	138.6	0.117	OK	223.2559	0.00	0.01	F010382



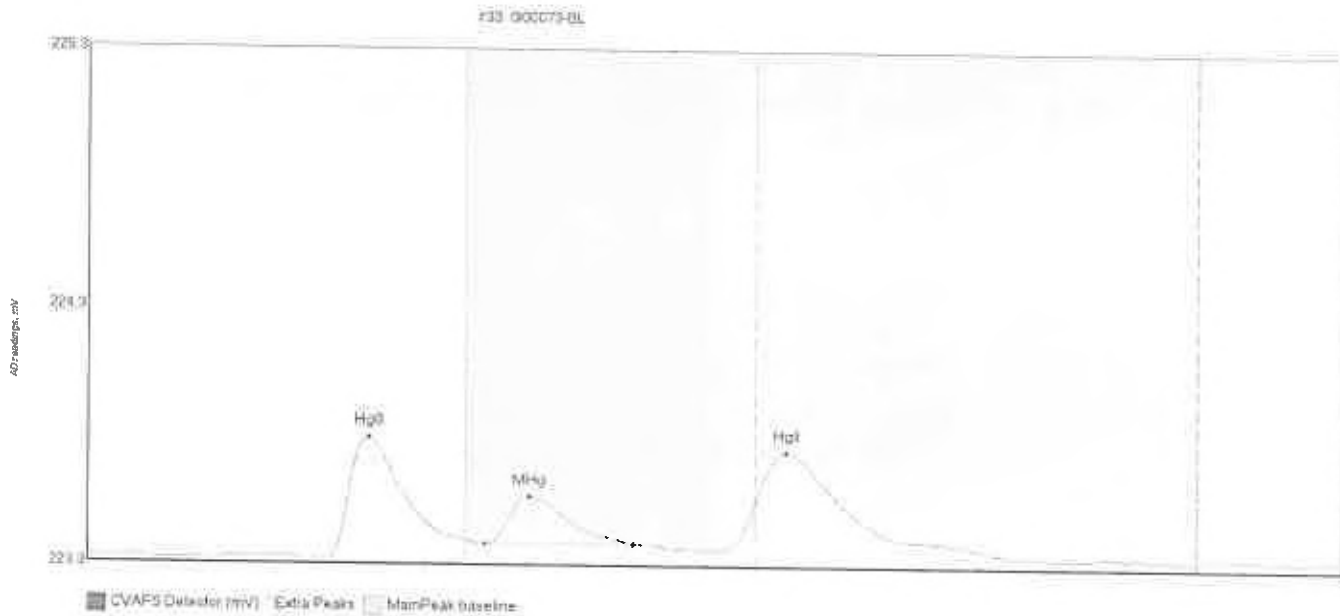
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	RtShift	Comment
0100073-BM Hg0	42.446	47.6	75.0	223.26	223.31	56.0	0.390	CT	223.2697	0.00	0.00	F010382
0100073-BM MHg	21.466	79.0	110.6	223.30	223.31	86.8	0.158	OK	223.2697	0.00	0.00	F010382
0100073-BM HgII	74.433	123.8	180.0	223.28	223.28	137.4	0.379	OK	223.2697	0.00	0.00	F010382



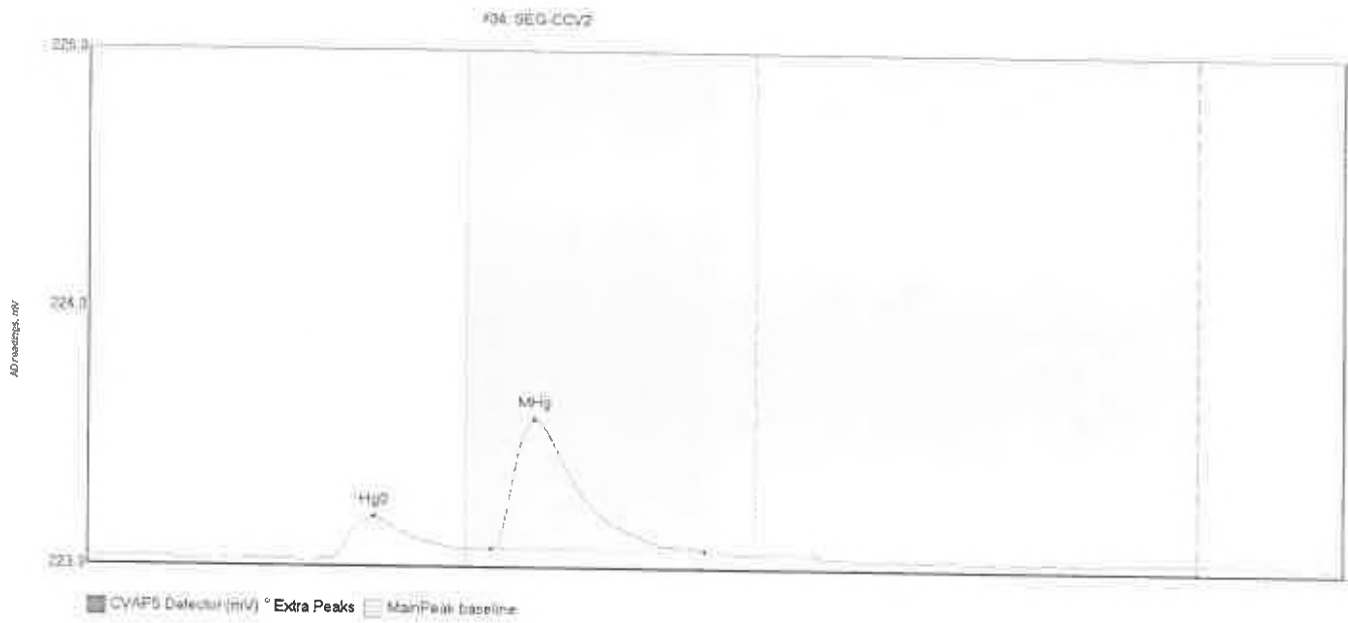
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010382-MS1	Hg0 52.950	48.0	75.0	223.27	223.33	55.5	0.467	CT	223.2704	0.01	0.01	F010382
F010382-MS1	MHg 164.769	78.7	125.5	223.32	223.34	87.5	1.129	OK	223.2704	0.00	0.01	F010382
F010382-MS1	HgI 73.439	125.6	172.8	223.34	223.33	137.7	0.416	OK	223.2704	0.00	0.01	F010392



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F010302-MSD1	Hg 59.953	47.6	75.0	223.28	223.35	55.4	0.538	CT	223.2833	0.00	0.02	
F010382-MSD1	MHg 156.458	78.9	125.5	223.34	223.35	87.7	1.066	OK	223.2833	0.00	0.02	F010382
F010382-MSD1	Hg 85.788	125.6	173.7	223.35	223.34	138.0	0.483	OK	223.2833	0.00	0.02	F010382

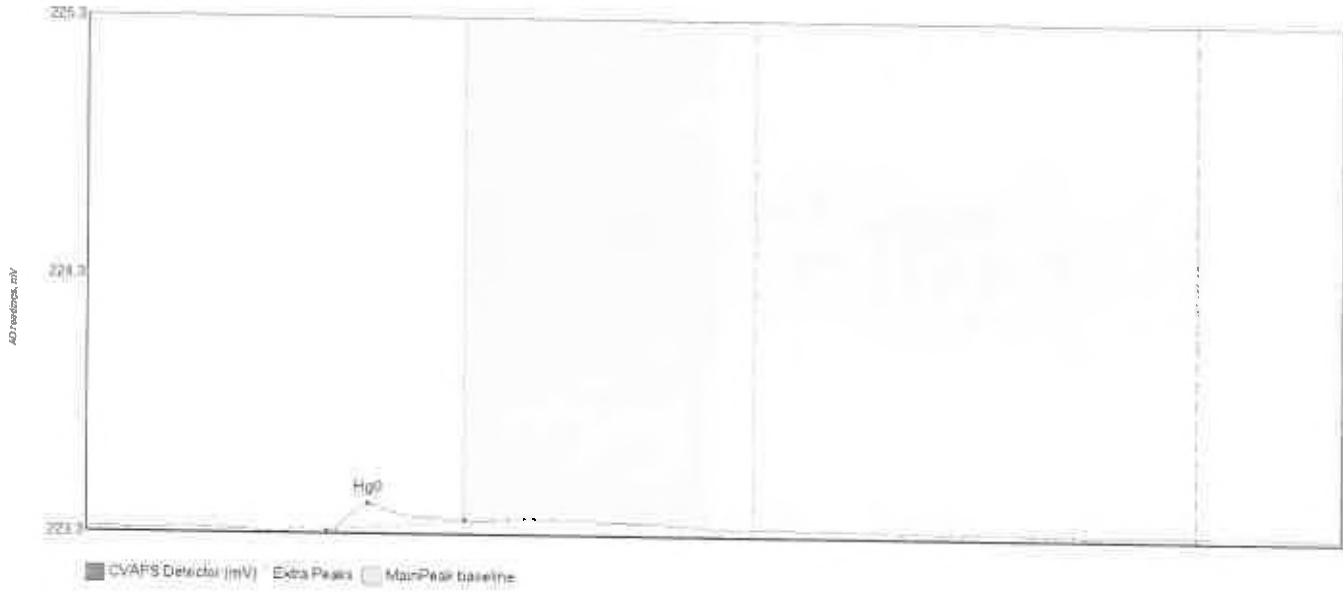


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BL Hg0	50.818	47.1	75.0	223.30	223.37	55.8	0.466	CT	223.2985	0.00	0.01	F010382
0100073-BL MHg	24.098	78.9	108.2	223.35	223.35	87.6	0.184	OK	223.2985	0.00	0.01	F010382
0100073-BL HgII	73.666	126.3	180.1	223.33	223.32	130.4	0.360	OK	223.2985	0.00	0.01	F010382



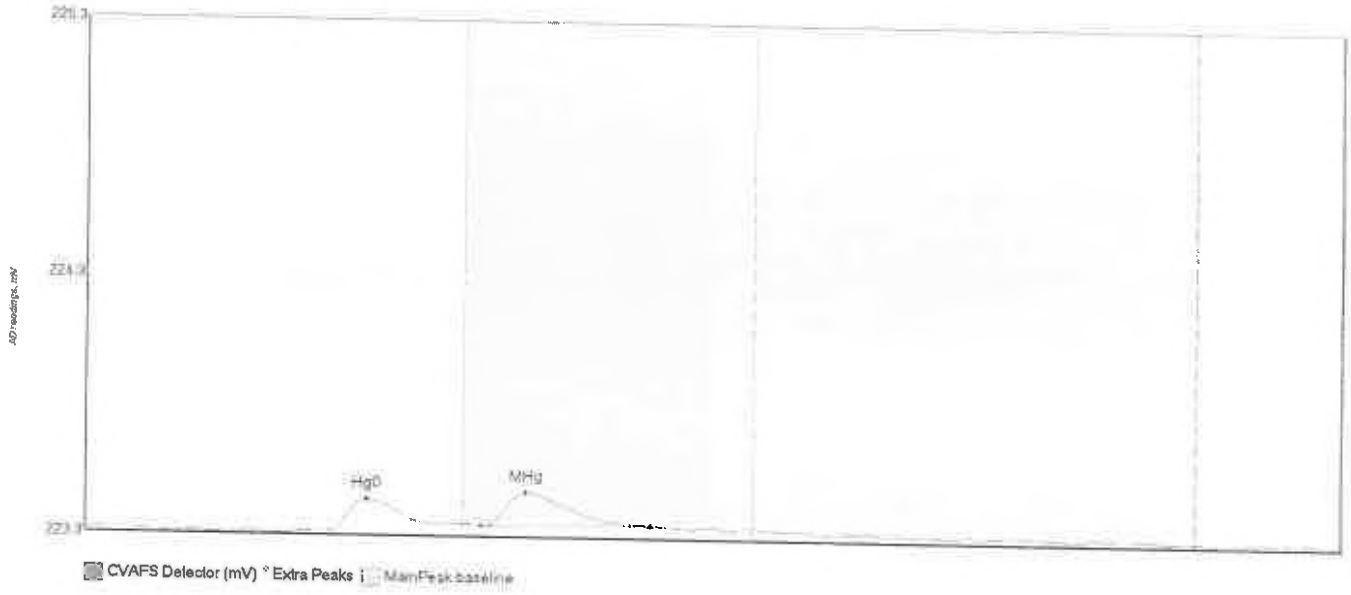
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCV2 Hg0	17.475	48.2	73.3	223.31	223.35	56.8	0.162	OK	223.3122	0.00	-0.01	
SEQ-CCV2 MHg	72.921	80.0	122.4	223.35	223.35	88.5	0.501	OK	223.3122	0.00	-0.01	

#35: SEQ-CCR2

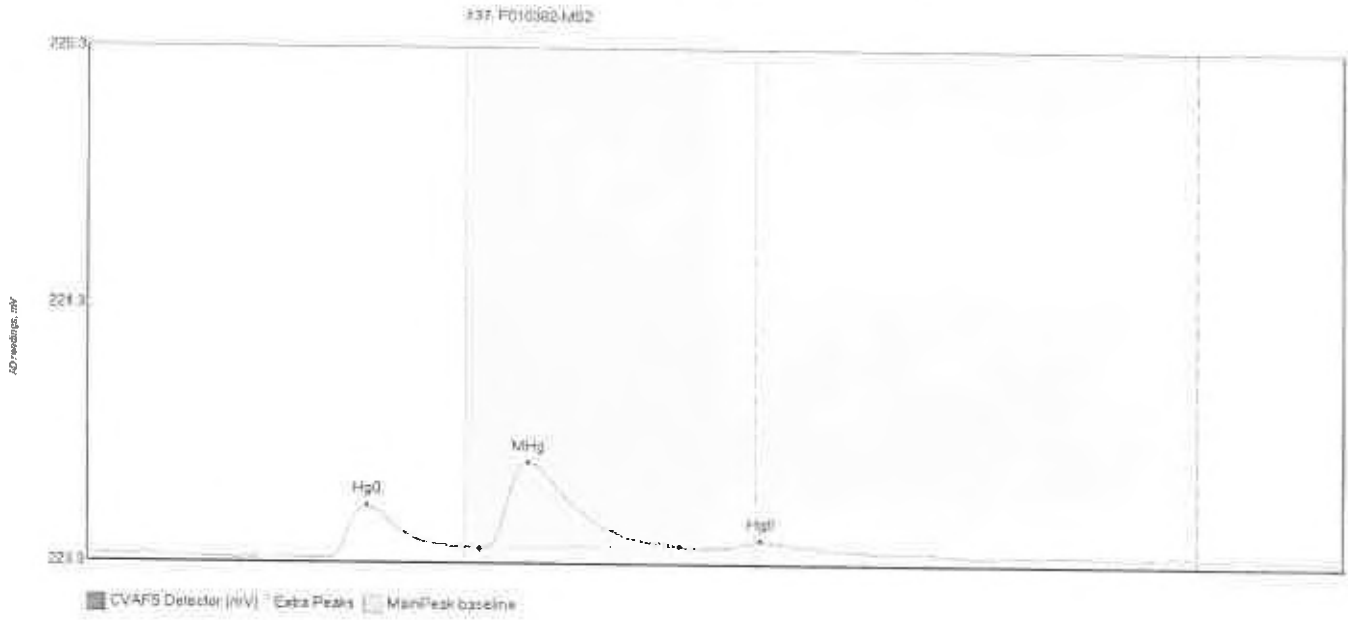


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	ElDev	BlShift	Comment
SEQ-CCR2	10.279	47.8	75.0	223.31	223.35	56.0	0.104	CT	223.3172	0.00	-0.01	

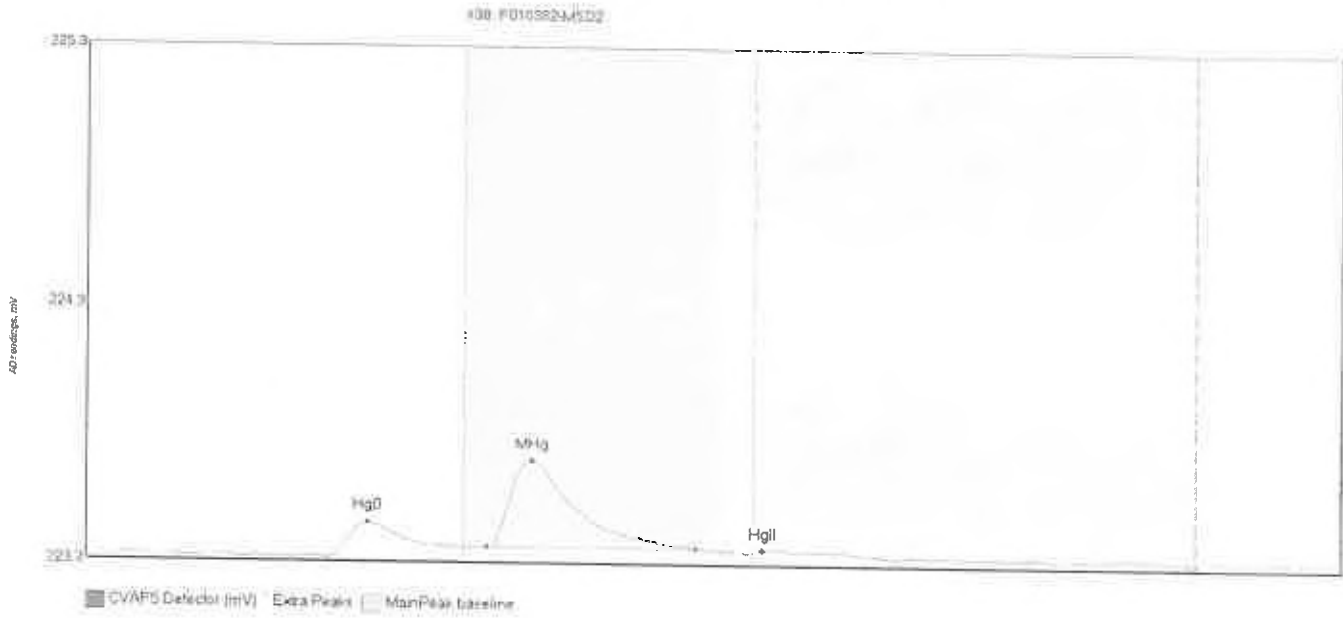
#36: 0J00051-D1



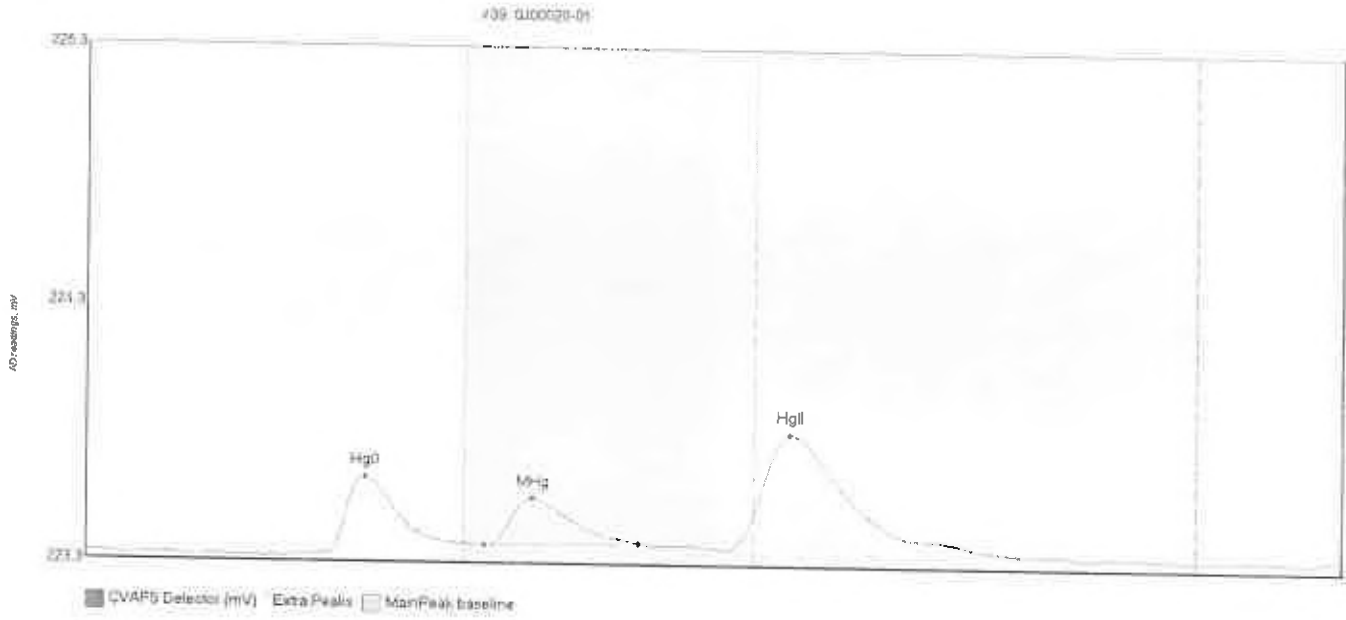
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	12.481	48.5	72.9	223.32	223.35	55.9	0.126	OK	223.3270	0.00	-0.01	F010382
MHg	17.797	78.5	112.0	223.35	223.35	87.4	0.130	OK	223.3270	0.00	-0.01	F010382



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010382-MS2 Hg0	20.410	48.4	74.6	223.31	223.35	55.5	0.202	OK	223.3213	0.00	-0.01	F010382
F010382-MS2 MHg	48.783	77.8	117.4	223.35	223.36	87.4	0.334	OK	223.3213	0.00	-0.01	F010382
F010382-MS2 HgI	2.228	127.6	143.1	223.35	223.36	133.4	0.028	OK	223.3213	0.00	-0.01	F010382

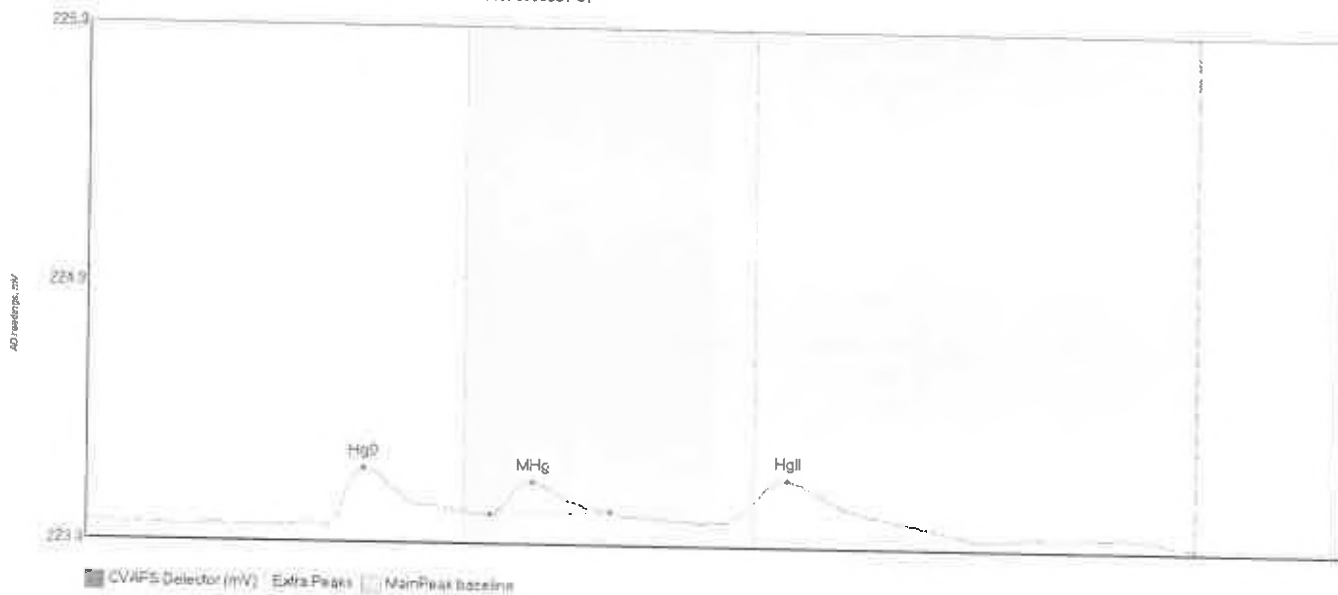


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F010382-MSD2 Hg	13.730	48.0	74.8	223.31	223.35	55.8	0.136	OK	223.3172	0.00	0.00	F010382
F010382-MSD2 MH	49.541	79.5	120.9	223.35	223.35	88.4	0.336	OK	223.3172	0.00	0.00	F010382
F010382-MSD2 Hg	0.125	131.2	135.7	223.34	223.35	134.0	0.012	OK	223.3172	0.00	0.00	F010382

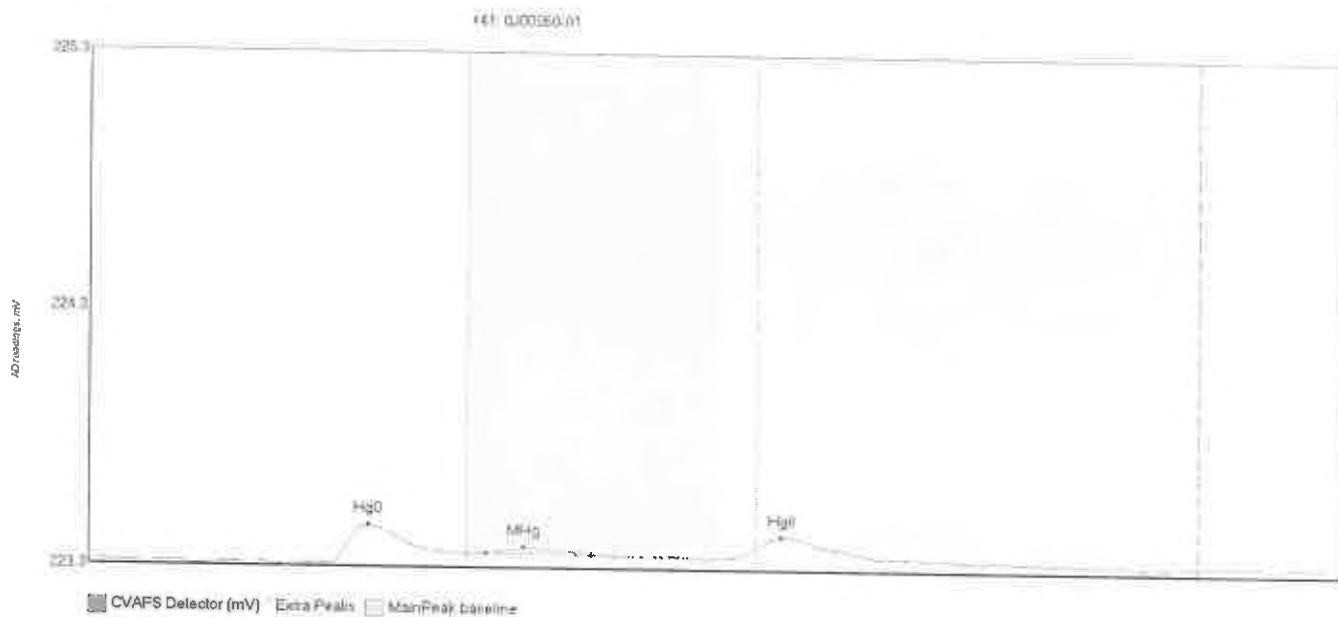


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0J00020-01 Hg0	30.217	47.8	73.9	223.33	223.37	55.4	0.293	OK	223.3296	0.00	0.01	F010382
0J00020-01 MRg	24.199	79.1	109.4	223.36	223.38	88.5	0.185	OK	223.3296	0.00	0.01	F010382
0J00020-01 HgII	84.942	126.5	177.1	223.35	223.36	139.5	0.454	OK	223.3296	0.00	0.01	F010382

#40: 0J00031-01

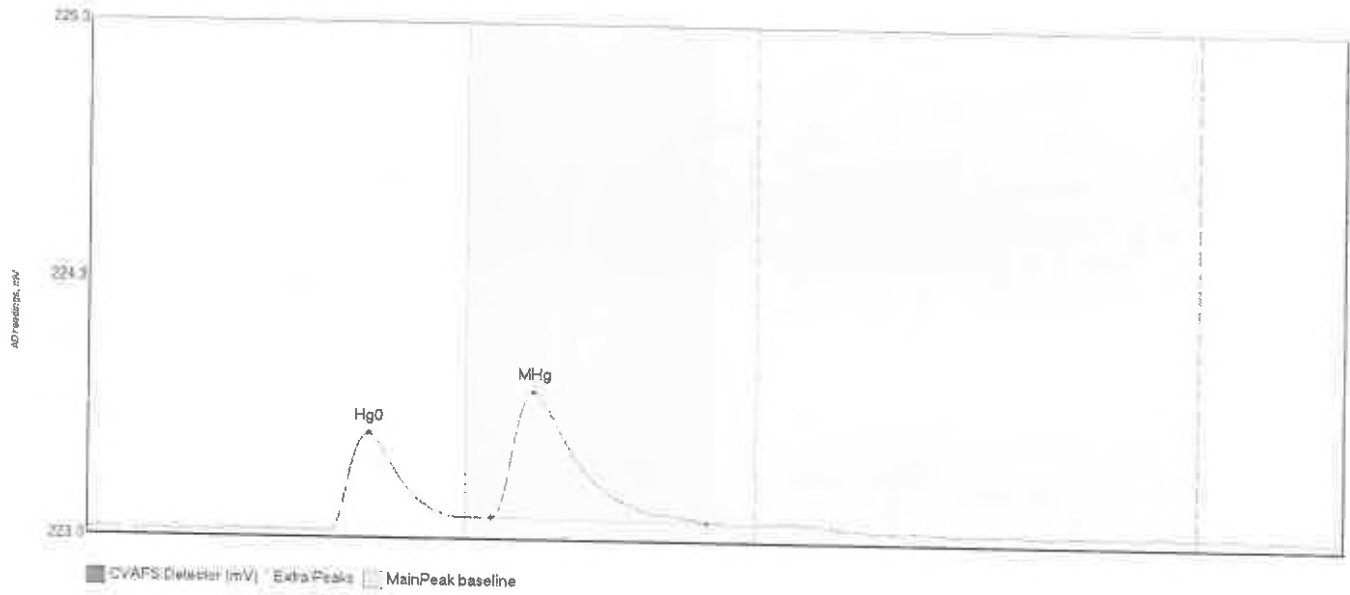


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Mex	PeakHeight	Flags	Baseline	StdDev	BIShift	Comment
0J00031-01 Hg0	23.081	48.0	74.9	223.33	223.38	55.0	0.220	OK	223.3334	0.00	-0.05	F010382
0J00031-01 MHg	13.669	80.2	103.8	223.37	223.39	88.5	0.126	OK	223.3334	0.00	-0.05	F010382
0J00031-01 Hg11	26.565	125.9	160.7	223.35	223.36	139.0	0.168	OK	223.3334	0.00	-0.05	F010382

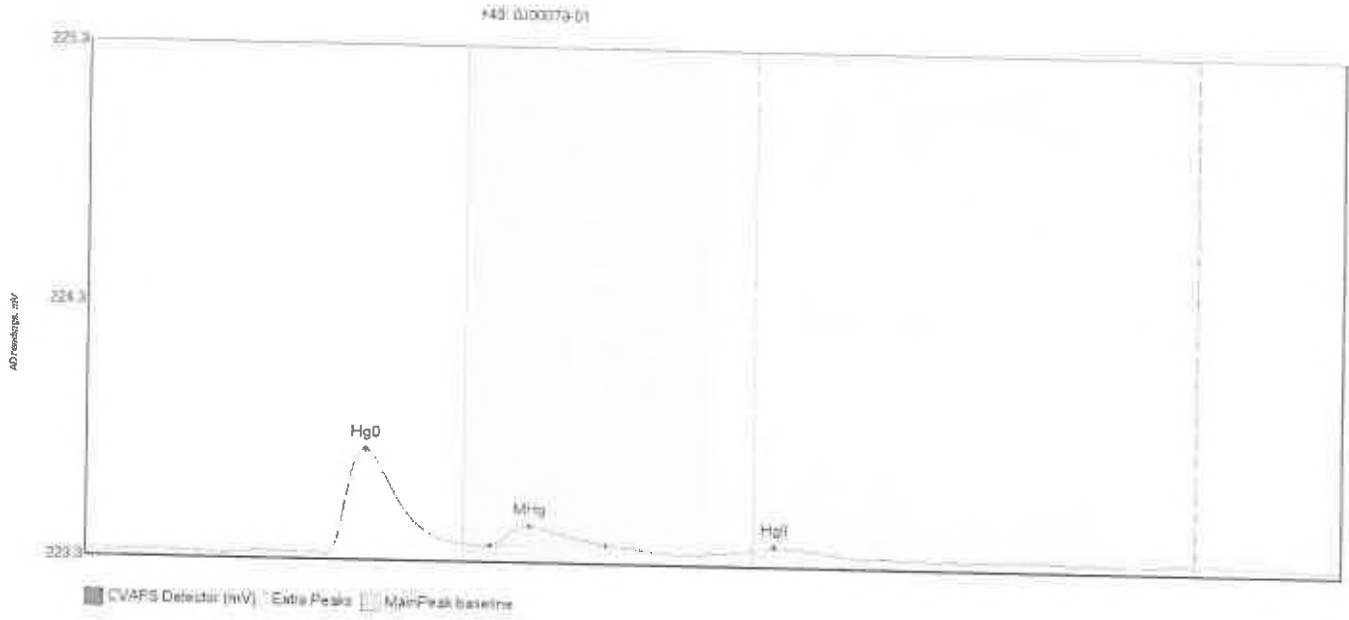


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0J00050-01 Hg0	16.323	48.1	74.2	223.33	223.37	55.6	0.151	OK	223.3464	0.00	0.00	F010382
0J00050-01 MHg	2.705	78.9	99.7	223.38	223.38	86.3	0.024	OK	223.3464	0.00	0.00	F010382
0J00050-01 HgII	12.524	126.0	157.3	223.37	223.37	137.3	0.086	OK	223.3464	0.00	0.00	F010382

#42: 0J00078-01

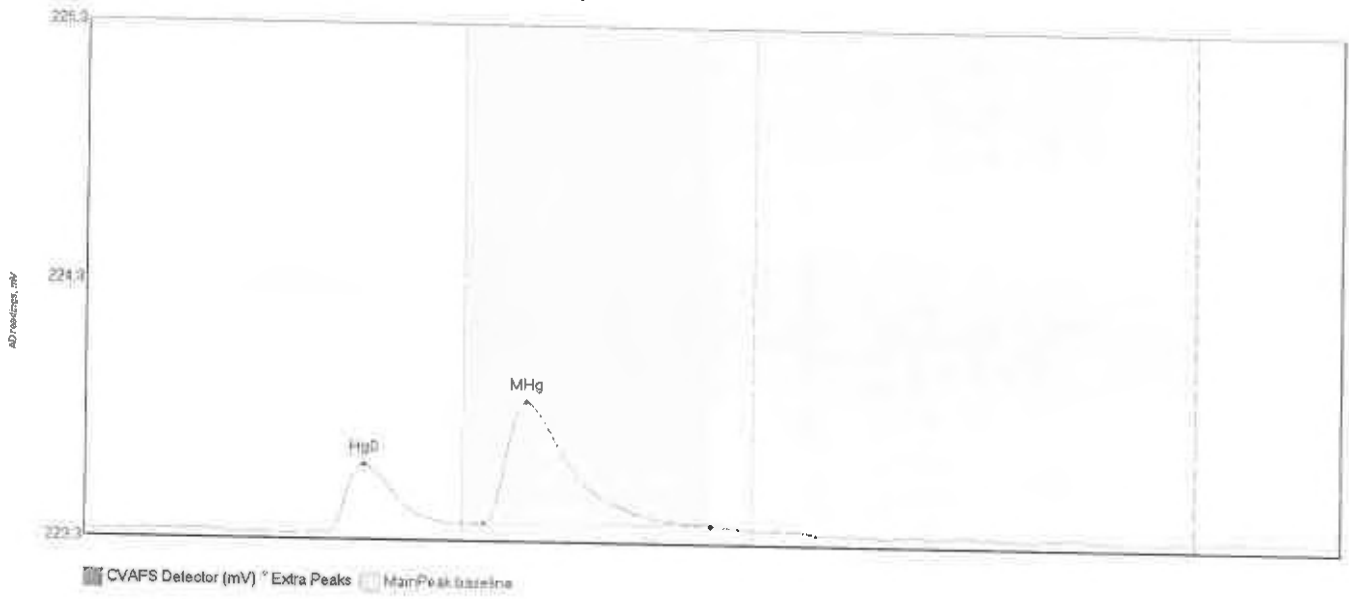


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0J00073-01 Hg0	39.886	47.9	75.0	223.35	223.40	55.8	0.381	CT	223.3514	0.00	0.00	F010382
0J00078-01 MHg	71.860	80.0	122.8	223.40	223.40	88.4	0.495	OK	223.3514	0.00	0.00	F010382

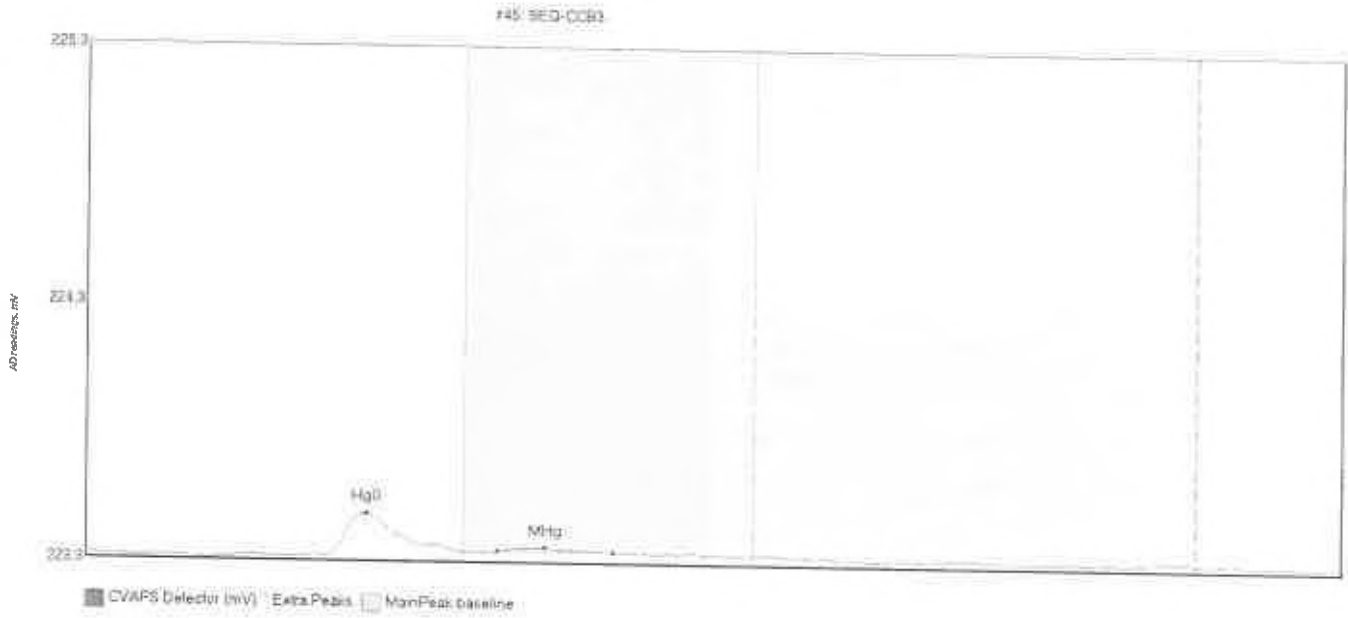


Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
8203773-01	Hg0	43.326	48.0	74.3	223.35	223.40	55.5	0.411	OK	223.3547	0.00	0.00	F010382
8203774-01	MHg	9.063	80.4	103.2	223.39	223.40	88.1	0.077	OK	223.3547	0.00	0.00	F010382
8203775-01	HgII	3.263	126.3	147.9	223.38	223.38	136.6	0.028	OK	223.3547	0.00	0.00	F010382

#44: SEQ-CCV3



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV3 Hg0	26.964	48.3	74.4	223.35	223.39	55.4	0.262	OK	223.3516	0.00	0.00	
SEQ-CCV3 MHg	68.412	79.2	124.2	223.39	223.40	87.4	0.472	OK	223.3516	0.00	0.00	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
SEQ-CCB3 Hg0	18.584	47.1	74.9	223.36	223.39	55.7	0.167	OK	223.3632	-0.01	
SEQ-CCB3 MHg	2.173	81.6	104.5	223.39	223.38	91.2	0.016	OK	223.3632	-0.01	



QUALITY ASSURANCE
PEER-REVIEWED
INITIALS: PGS

Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS200928-1
Batch ID: F009429
Work Order(s): 0I00073

Analyst: MFS
Prep. Date: 9/28/2020

Analytical Issues/Explanations:

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)
* D.E. = Data Entry
WO #: 0100073

Date: 10/5/2020

Reviewer: _____

Date: _____

Batch #: F009429

Dataset ID: TS-2009 28-1

Reviewer Initials: _____

General Comments/Re-run requirements:

Select	SOP	Method	Matrix
<input checked="" type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date	
MFS	4/14/2020	<input type="checkbox"/>
		<input type="checkbox"/>

Reviewer Initials: _____

MF MGS 10/5/2020

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?
MS 10/5/2020

Density Only - NA this section

<input checked="" type="checkbox"/> DONE		<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solids Only - NA this section

<input checked="" type="checkbox"/> DONE		<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

Preparation Date: Sep 28, 2020

Batch #: 1

Analyst: MFS

Batch ID: F009429

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-18A	1.0101	3.9518	2.9417	2.1379	1.1278	38.3%	SRC1
2	0100073-18MD	1.0043	5.8739	4.8696	2.8541	1.8498	38.0%	0.9%
3	0100073-01A	1.0066	4.0562	3.0496	2.2151	1.2085	39.6%	
4	0100073-02A	1.0008	3.9914	2.9906	2.2398	1.2390	41.4%	
5	0100073-03A	1.0056	5.3432	4.3376	2.8776	1.8720	43.2%	
6	0100073-04A	1.0051	5.0032	3.9981	3.2934	2.2883	57.2%	
7	0100073-05A	1.0162	6.1364	5.1202	4.0028	2.9866	58.3%	
8	0100073-06A	1.0006	4.3206	3.3200	3.1776	2.1770	65.6%	
9	0100073-07A	1.0015	5.8628	4.8613	2.9101	1.9086	39.3%	
10	0100073-08A	0.9976	5.5922	4.5946	2.4424	1.4448	31.4%	
11	0100073-09A	1.0113	5.9624	4.9511	3.1920	2.1807	44.0%	
12	0100073-10A	1.0045	5.1824	4.1779	2.7568	1.7523	41.9%	
13	0100073-11A	1.0072	4.5152	3.5080	2.4393	1.4321	40.8%	
14	0100073-12A	1.0031	3.9536	2.9505	2.1449	1.1418	38.7%	
15	0100073-13A	0.9982	4.9055	3.9073	2.6801	1.6819	43.0%	
16	0100073-14A	1.0058	5.5145	4.5087	3.3188	2.3130	51.3%	
17	0100073-15A	1.0148	5.6660	4.6512	3.3250	2.3102	49.7%	
18	0100073-16A	1.0110	4.8990	3.8880	2.9108	1.8998	48.9%	
19	0100073-17A	1.0077	4.6072	3.5995	2.4406	1.4329	39.8%	
20	0100073-19A	1.0090	6.2738	5.2648	3.0750	2.0660	39.2%	SRC2
21	0100073-19MD	1.0175	7.3122	6.2947	3.4371	2.4196	38.4%	2.1%
22	0100073-20A	1.0158	4.1686	3.1528	2.2030	1.1872	37.7%	

1 ^o Tech: MFS	Balance: 23 <i>7/19</i>	Initial Weigh 9/28/20	Thermometer ID: 14040255422 CF: -1.0
2 ^o Tech: MFS	Calibrated: 9/28/20 9/22/20	Date/Time: 12:18	Oven Start Date/Time: 9/28/20 1456
Batch: FO09429 MFS 9/28/20		Final Weigh 9/29/20	Temp Raw/Corrected: 104.9 / 103.9
		Date/Time ³ : 12:05	Oven End Date/Time ² : 9/29/20 1618
		Oven ID: OVN-03	Temp Raw/Corrected: 104.8 / 103.8

Total Solids Density (Flask Volume = ML)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan +	Density (g/mL) Sample Mass / Flask Volume
					Dry Sample (g)	
					<input type="checkbox"/> AA - Density Only	<input checked="" type="checkbox"/> AA - Total Solids Only
1	OT00073-18A	A1	1.0101	3.9518	2.1319	
2	FO09429-DUP1	A2	1.0043	5.8739	2.8541	
3	OT00073-01A	A3	1.0066	4.0562	2.2151	
4	OT00073-02A	A4	1.0008	3.9914	2.24398 <i>MFS 9/29/20</i>	
5	OT00073-03A	A5	1.0056	5.3432	2.8776	
6	OT00073-04A	A6	0.9947 <i>MFS 9/28/20</i>	1.0051 5.0032	3.2934	
7	OT00073-05A	A7	1.0162	6.1364	4.0028	
8	OT00073-06A	A8	1.0006	4.3206	3.1776	
9	OT00073-07A	A9	1.0015	5.8628	2.9101	
10	OT00073-08A	A10	0.9976	5.5922	2.4424	
11	OT00073-09A	A11	1.0113	5.9624	3.1920	
12	OT00073-10A	A12	1.0045	5.1824	2.7868	
13	OT00073-11A	A13	1.0072	4.5152	2.4393	
14	OT00073-12A	A14	1.0031	3.9536	2.1449	
15	OT00073-13A	A15	0.9982	4.9055	2.6801	
16	OT00073-14A	A16	1.0058	5.5145	3.3188	
17	OT00073-15A	A17	1.0148	5.6660	3.3250	
18	OT00073-16A	A18	1.0110	4.8990	2.9168	
19	OT00073-17A	A19	1.0077	4.6072	2.4406	
20	OT00073-19A <i>MFS 9/28/20</i>	A20	1.0090	6.2738	3.0750	
21	LOG FO09429-DUP2 <i>MFS 9/28/20</i>	A21	1.0175	7.3122	3.4371	
22	OT00073-20A	A22	1.0158	4.1686	2.2060	

MFS 9/28/20

Comments:

¹The same balance must be used to weigh samples before and after ovening.

²Samples must be ovened over 12 hours at 103-105°C.

³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009429

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Handwritten signature and date: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	µl Spike1 ID	µl Spike2 ID	µl Spike2	Extraction Comments
F009429-DUP1	Duplicate [0100073-18]	5	5				
F009429-DUP2	Duplicate [0100073-19]	5	5				

Standard ID(s): Description:

Expiration:

PREPARATION BENCH SHEET

F009429

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-01	ES-02_091620_SED_00-01	5	5	-	-	S&R		
0100073-02	ES-02_091620_SED_01-03	5	5	-	-	S&R		
0100073-03	ES-02_091620_SED_03-05	5	5	-	-	S&R		
0100073-04	FRB-02_091520_SED_00-01	5	5	-	-	S&R		
0100073-05	FRB-02_091520_SED_01-03	5	5	-	-	S&R		
0100073-06	FRB-02_091520_SED_03-05	5	5	-	-	S&R		
0100073-07	VN-02-04_091620_SED_03-05	5	5	-	-	S&R		
0100073-08	VN-MU3-GC-1_091620_SED_00-01	5	5	-	-	S&R		
0100073-09	VN-MU3-GC-1_091620_SED_01-03	5	5	-	-	S&R		
0100073-10	VN-MU3-GC-1_091620_SED_03-05	5	5	-	-	S&R		
0100073-11	ADD-01_091620_SED_00-01	5	5	-	-	S&R		
0100073-12	ADD-01_091620_SED_01-03	5	5	-	-	S&R		
0100073-13	ADD-01_091620_SED_03-05	5	5	-	-	S&R		
0100073-14	ADD-02_091620_SED_00-01	5	5	-	-	S&R		
0100073-15	ADD-02_091620_SED_01-03	5	5	-	-	S&R		
0100073-16	ADD-02_091620_SED_03-05	5	5	-	-	S&R		
0100073-17	OR-T1-C3_091620_SED_00-01	5	5	-	-	S&R		
0073-18	OR-T1-C3_091620_SED_01-03	5	5	QC	-	S&R		
0073-19	OR-T1-C3_091620_SED_03-05	5	5	QC	-	S&R		

PREPARATION BENCH SHEET

F009429

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-20	OR-T1-C5_091620_SED_00-01	5	5	-	-	S&R	
------------	---------------------------	---	---	---	---	-----	--



QUALITY ASSURANCE
PEER-REVIEWED
INITIALS: PGS



Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS200928-2
Batch ID: F009430
Work Order(s): 0I00073

Analyst: MVB/MFS
Prep. Date: 9/28/2020

Analytical Issues/Explanations:

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)
* D.E. = Data Entry
WO #: DF00073

Date: 10/5/2020

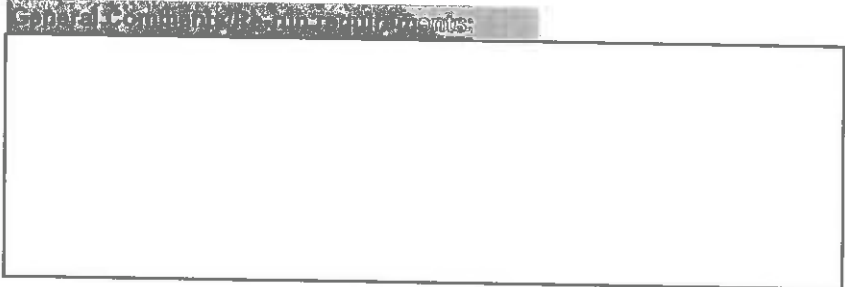
Reviewer: PGJ

Date: _____

Batch #: F009430

Dataset ID: TS-200928-2

Reviewer Initials: PGJ



Select	SOP	Method	Matrix
<input type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date	
<u>MFS</u>	<u>4/14/2020</u>	<input type="checkbox"/>
		<input type="checkbox"/>

Reviewer Initials: PGJ

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

PGJ 10/5/2020

Density Only - NA this section

<input checked="" type="checkbox"/> DONE		<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solids Only - NA this section

<input type="checkbox"/> DONE		<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

Preparation Date: Sep 28, 2020

Batch #: 2

Analyst: MVB/MFS

Batch ID: F009430

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-36A	1.0093	8.4153	7.4060	3.5741	2.5648	34.6%	SRC1
2	0100073-36MD	1.0066	8.9764	7.9698	3.8325	2.8259	35.5%	2.4%
3	0100073-25A	1.0094	7.6488	6.6394	3.6069	2.5975	39.1%	
4	0100073-26A	1.0090	8.6122	7.6032	4.1193	3.1103	40.9%	
5	0100073-27A	1.0192	7.8339	6.8147	3.9318	2.9126	42.7%	
6	0100073-28A	1.0037	8.0048	7.0011	4.0104	3.0067	42.9%	
7	0100073-29A	1.0087	7.7807	6.7720	2.9652	1.9565	28.9%	
8	0100073-30A	1.0090	8.6366	7.6276	3.0943	2.0853	27.3%	
9	0100073-31A	1.0020	8.6515	7.6495	2.9723	1.9703	25.8%	
10	0100073-32A	0.9974	7.8433	6.8459	6.0294	5.0320	73.5%	
11	0100073-33A	1.0071	8.9443	7.9372	7.1822	6.1751	77.8%	
12	0100073-34A	0.9963	7.9888	6.9925	6.7584	5.7621	82.4%	
13	0100073-35A	1.0023	3.0528	2.0505	1.7125	0.7102	34.6%	
14	0100073-37A	1.0095	5.4278	4.4183	2.5101	1.5006	34.0%	SRC2
15	0100073-37AMD	1.0017	5.6037	4.6020	2.5573	1.5556	33.8%	0.5%
16	0100073-38A	0.9983	7.8080	6.8097	3.4396	2.4413	35.9%	
17	0100073-39A	1.0006	5.8386	4.8380	2.6698	1.6692	34.5%	
18	0100073-40A	1.0146	9.1033	8.0887	4.1286	3.1140	38.5%	
19	0100073-21A	1.0082	4.5167	3.5085	2.5201	1.5119	43.1%	
20	0100073-22A	1.0162	6.3430	5.3268	3.2376	2.2214	41.7%	
21	0100073-23A	1.0147	3.7034	2.6887	1.9703	0.9556	35.5%	
22	0100073-24A	1.0080	3.9223	2.9143	2.1122	1.1042	37.9%	

1° Tech: <i>MVB/mfs</i>	Balance: <i>9/23</i>	Initial Weigh <i>1170</i> Date/Time: <i>9/24/2020</i>	Thermometer ID: <i>14040554T</i> CF: <i>-1.0</i>
2° Tech: <i>mfs</i>	Calibrated: <i>9/24/20</i>	Final Weigh <i>9/24/2020</i> Date/Time: <i>9/24/20</i>	Oven Start Date/Time: <i>9/20/20 1450</i>
Batch: <i>FW5430</i>		Oven ID: <i>OVN-03</i>	Temp Raw/Corrected: <i>144.9 / 103.9</i>
			Oven End Date/Time: <i>9/24/20 1659</i>
			Temp Raw/Corrected: <i>104.8 / 63.8</i>

**9/24/2020*
MVB
10/6/2020

Total Solids Density (Flask Volume = *NA* mL) CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g)	Density (g/mL) Sample Mass / Pan Volume
1	<i>03CW73-360</i>	<i>1B</i>	<i>1.0093</i>	<i>8.4153</i>	<i>3.5741</i>	
2	<i>FW5430 - Dup 1</i>	<i>2B</i>	<i>1.0066</i>	<i>8.9764</i>	<i>3.8325</i>	
3	<i>030073-25A</i>	<i>3B</i>	<i>1.0094</i>	<i>7.6488</i>	<i>3.6069</i>	
4	<i>03CW73-26A</i>	<i>4B</i>	<i>1.0090</i>	<i>8.6122</i>	<i>4.1193</i>	
5	<i>03CW73-27A</i>	<i>5B</i>	<i>1.0192</i>	<i>7.8339</i>	<i>3.9318</i>	
6	<i>03CW73-28A</i>	<i>6B</i>	<i>1.0037</i>	<i>8.0048</i>	<i>4.0104</i>	
7	<i>03CW73-29A</i>	<i>7B</i>	<i>1.0087</i>	<i>7.7807</i>	<i>2.9652</i>	
8	<i>030073-30A</i>	<i>8B</i>	<i>1.0090</i>	<i>8.6366</i>	<i>3.0943</i>	
9	<i>030073-31A</i>	<i>9B</i>	<i>1.0020</i>	<i>8.6515</i>	<i>2.9723</i>	
10	<i>03CW73-32A</i>	<i>10B</i>	<i>0.9974</i>	<i>7.8433</i>	<i>6.0294</i>	
11	<i>03CW73-33A</i>	<i>11B</i>	<i>1.0071</i>	<i>8.9443</i>	<i>7.1822</i>	
12	<i>03CW73-34A</i>	<i>12B</i>	<i>0.9563</i>	<i>7.9888</i>	<i>6.7844</i>	
13	<i>03CW73-35A</i>	<i>13B</i>	<i>1.0023</i>	<i>3.0528</i>	<i>1.7125</i>	
14	<i>03CW73-37A</i>	<i>14B</i>	<i>1.0095</i>	<i>5.4278</i>	<i>2.5101</i>	
15	<i>FW5430 - Dup 2</i>	<i>15B</i>	<i>1.0017</i>	<i>5.6037</i>	<i>2.5573</i>	
16	<i>03CW73-38A</i>	<i>16B</i>	<i>0.9583</i>	<i>7.8080</i>	<i>3.4396</i>	
17	<i>03CW73-39A</i>	<i>17B</i>	<i>1.0006</i>	<i>5.8386</i>	<i>2.6698</i>	
18	<i>03CW73-40A</i>	<i>18B</i>	<i>1.0146</i>	<i>9.1033</i>	<i>4.1286</i>	
19	<i>03CW73-21A</i>	<i>19B</i>	<i>1.0082</i>	<i>4.5167</i>	<i>2.5201</i>	
20	<i>03CW73-22A</i>	<i>20B</i>	<i>1.0162</i>	<i>6.8430</i>	<i>3.2376</i>	
21	<i>03CW73-23A</i>	<i>21B</i>	<i>1.0147</i>	<i>2.7034</i>	<i>1.9703</i>	
22	<i>03CW73-24A</i>	<i>22B</i>	<i>1.0080</i>	<i>3.9223</i>	<i>2.1122</i>	

Comments: *A = Low Sample Volume*

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

Total Solids and Density Logbook

1° Tech: <u>MW/MES</u>	Balance: <u>19/23</u>	Initial Weigh <u>1110</u>	Thermometer ID: <u>1404055411</u> CF: <u>-1.0</u>
2° Tech: <u>MES</u>	Calibrated: <u>9/28/20</u>	Date/Time: <u>9/28/2020</u>	Oven Start Date/Time: <u>9/28/20 1450</u>
Batch: <u>F009430</u>		Final Weigh <u>9/29/2020</u>	Temp Raw/Corrected: <u>104.9 / 103.9</u>
		Date/Time ³ : <u>1705</u>	Oven End Date/Time ² : <u>9/29/20 1618</u>
		Oven ID: <u>OUN-03</u>	Temp Raw/Corrected: <u>104.8 / 103.8</u>

Total Solids Density (Flask Volume = 21A mL)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan +		Density (g/mL)
					Dry Sample (g)	Density (g/mL)	
					<input type="checkbox"/> NA - Density Only	<input checked="" type="checkbox"/> NA - Total Solids Only	
1	0100073-36A	1B	1.0093	8.4153	3.5741		
2	F009430-Dup1	2B	1.0066	8.9764	3.8325		
3	0100073-25A	3B	1.0094	7.6487	3.6069		
4	0100073-26A	4B	1.0090	8.6122	4.1193		
5	0100073-27A	5B	1.0192	7.8337	3.9318		
6	0100073-28A	6B	1.0037	8.0048	4.0104		
7	0100073-29A	7B	1.0087	7.7807	2.9652		
8	0100073-30A	8B	1.0090	8.6366	3.0943		
9	0100073-31A	9B	1.0020	8.6515	2.9723		
10	0100073-32A	10B	0.9974	7.8433	6.0294		
11	0100073-33A	11B	1.0071	8.9443	7.1822		
12	0100073-34A	12B	0.9963	7.9888	6.7584		
13	0100073-35A	13B	1.0023	3.0528	1.7125		
14	0100073-36	14B	MW 9/28/2020				
15	0100073-37A	15B	1.0095	5.4278	2.5101		
16	F009430-Dup2	16B	1.0017	5.6037	2.5573		
17	0100073-38A	17B	0.9983	7.8080	3.4396		
18	0100073-39A	18B	1.0006	5.8386	2.6698		
19	0100073-40A	19B	1.0146	9.1033	4.1286		
20	0100073-21A	20B	1.0082	4.5167	2.5201		
21	0100073-22A	21B	1.0162	6.3430	3.2376		
22	0100073-23A	22B	1.0147	3.7034	1.9703		
23	0100073-24A	23B	1.0080	3.9223	2.1122		

Comments: A = Low Volume Sample

¹The same balance must be used to weigh samples before and after ovening.

²Samples must be ovened over 12 hours at 103-105°C.

³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009430

Eurofins Frontier Global Sciences, LLC

WP 10/15/2020
9/28/2020

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009430-DUP1	Duplicate [0100073-36]	5	5					
F009430-DUP2	Duplicate [0100073-37]	5	5					

Standard ID(s): Description:

Expiration:

PREPARATION BENCH SHEET

F009430

Eurofins Frontier Global Sciences, LLC

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Matrix: Soil/Sediment

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-21	OR-T1-C5_091620_SED_01-03	5	5	-	-	S&R		
0100073-22	OR-T1-C5_091620_SED_03-05	5	5	-	-	S&R		
0100073-23	BU-01-01_091720_SED_00-01	5	5	-	-	S&R		
0100073-24	BU-01-01_091720_SED_00-01_DUP	5	5	-	-	S&R		
0100073-25	BU-01-01_091720_SED_01-03	5	5	-	-	S&R		
0100073-26	BU-01-01_091720_SED_01-03_DUP	5	5	-	-	S&R		
0100073-27	BU-01-01_091720_SED_03-05	5	5	-	-	S&R		
0100073-28	BU-01-01_091720_SED_03-05_DUP	5	5	-	-	S&R		
0100073-29	MMSW-C_091720_SED_00-01	5	5	-	-	S&R		
0100073-30	MMSW-C_091720_SED_01-03	5	5	-	-	S&R		
0100073-31	MMSW-C_091720_SED_03-05	5	5	-	-	S&R		
0100073-32	OV-04_091620_SED_00-01	5	5	-	-	S&R		
0100073-33	OV-04_091620_SED_01-03	5	5	-	-	S&R		
0100073-34	OV-04_091620_SED_03-05	5	5	-	-	S&R		
0100073-35	OB-01_091720_SED_00-01	5	5	-	-	S&R		
0100073-36	OB-01_091720_SED_01-03	5	5	QC	-	S&R		
0100073-37	OB-01_091720_SED_03-05	5	5	QC	-	S&R		
0073-38	OR-T1-C1_091720_SED_00-01	5	5	-	-	S&R		
0073-39	OR-T1-C1_091720_SED_00-01_DUP	5	5	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009430

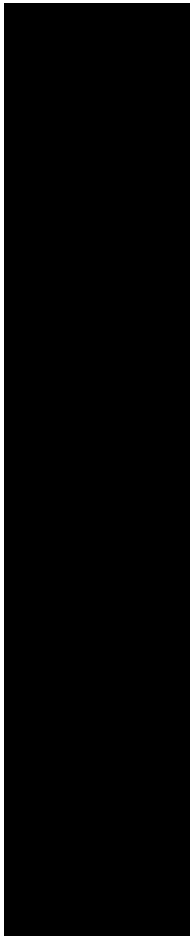
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-40	OR-TI-CI_091720_SED_01-03	5	5	-	-	S&R	
------------	---------------------------	---	---	---	---	-----	--



QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: PCS



Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS200928-3
Batch ID: F009431
Work Order(s): 0I00073

Analyst: MVB/MFS
Prep. Date: 9/28/2020

Analytical Issues/Explanations:

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)
* D.E. = Data Entry
WO #: 0J0007

Date: 10/5/2020

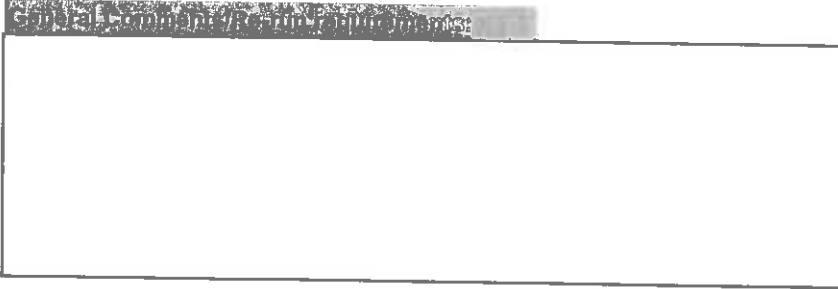
Reviewer: PCS

Date: _____

Batch #: F009431

Dataset ID: TS-2009 28-3

Reviewer Initials: PCS



Select	SOP	Method	Matrix
<input type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date
<u>MFS</u>	<u>4/14/2020</u>
<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Initials: PCS

MFS 10/5/2020

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

Density Only - NA this section

<input checked="" type="checkbox"/> DONE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solids Only - NA this section

<input checked="" type="checkbox"/> DONE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A	<input type="checkbox"/>

Preparation Date: Sep 28, 2020

Batch #: 3

Analyst: MVB/MFS

Batch ID: F009431

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-41AMD	1.0020	8.5604	7.5584	4.0234	3.0214	40.0%	1.9%
2	0100073-41A	0.9947	8.3208	7.3261	3.8695	2.8748	39.2%	
3	0100073-42AMD	0.9970	8.5879	7.5909	4.1374	3.1404	41.4%	2.6%
4	0100073-42A	1.0023	8.8407	7.8384	4.1605	3.1582	40.3%	
5	0100073-43A	1.0185	4.0541	3.0356	2.0241	1.0056	33.1%	
6	0100073-44A	1.0230	6.5674	5.5444	2.3357	1.3127	23.7%	
7	0100073-45A	1.0102	8.0732	7.0630	2.4910	1.4808	21.0%	
8	0100073-46A	1.0193	7.8159	6.7966	2.4905	1.4712	21.6%	
9	0100073-47A	1.0043	8.9632	7.9589	4.1367	3.1324	39.4%	
10	0100073-51A	1.0227	5.3400	4.3173	2.5286	1.5059	34.9%	
11	0100073-52A	1.0149	9.3041	8.2892	4.5923	3.5774	43.2%	
12	0100073-53A	1.0081	7.5194	6.5113	3.5968	2.5887	39.8%	
13	0100073-54A	1.0182	7.6509	6.6327	4.0434	3.0252	45.6%	
14	0100073-55A	1.0013	7.3691	6.3678	3.8132	2.8119	44.2%	
15	0100073-56A	1.0056	7.5387	6.5331	3.5526	2.5470	39.0%	
16	0100073-57A	1.0073	7.7446	6.7373	3.7261	2.7188	40.4%	
17	0100073-58A	1.0010	9.0983	8.0973	4.2042	3.2032	39.6%	
18	0100073-59A	1.0095	7.1601	6.1506	2.1691	1.1596	18.9%	
19	0100073-60A	1.0092	7.1388	6.1296	2.0803	1.0711	17.5%	

Total Solids and Density Logbook

1° Tech: <i>mm</i>	Balance: <i>19</i>	Initial Weigh <i>1350</i> Date/Time: <i>9/28/2020</i>	Thermometer ID: <i>K10402554TC</i> CF: <i>-1.0</i>
2° Tech: <i>MPS</i>	Calibrated: <i>9/28/2020</i>	Final Weigh <i>9/28/2020</i> Date/Time ³ : <i>11/1705</i>	Oven Start Date/Time: <i>9/28/20 1450</i>
Batch: <i>F009431</i>		Oven ID: <i>OVN-03</i>	Temp Raw/Corrected: <i>104.9 / 103.5</i>
			Oven End Date/Time ² : <i>9/29/20 1610</i>
			Temp Raw/Corrected: <i>104.8 / 103.8</i>

CF = Thermometer Correction Factor

Total Solids Density (Flask Volume = *MIA* mL)

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan +		Density (g/mL) Sample Mass / Flask Volume
					Dry Sample (g)		
1	F009431-Dup1	C1	1.0620	8.5604	4.0234		
2	O100073-42A	C2	0.9947	8.3208	3.8695		
3	F009431-Dup2	C3	0.9977	8.5879	4.1374		
4	O100073-42A	C4	1.0023	8.8407	4.1605		
5	O100073-43A	C5	1.0185	4.0541	2.0241		
6	O100073-44A	C6	1.0230	6.5674	2.8307		
7	O100073-45A	C7	1.0102	8.0732	2.4910		
8	O100073-46A	C8	1.0193	7.8159	2.4905		
9	O100073-47A	C9	1.0043	8.9632	4.1367		
10	O100073-52A	C10	1.0227	5.3400	2.5286		
11	O100073-52A	C11	1.0149	9.3041	4.5923		
12	O100073-53A	C12	1.0081	7.5194	3.5968		
13	O100073-54A	C13	1.0182	7.6509	4.0434		
14	O100073-55A	C14	1.0013	7.3691	3.8132		
15	O100073-56A	C15	1.0056	7.5387	3.5520		
16	O100073-57A	C16	1.0073	7.7446	3.7261		
17	O100073-58A	C17	1.0010	9.0983	4.2042		
18	O100073-59A	C18	1.0095	7.1601	2.1691		
19	O100073-60A	C19	1.0092	7.1388	2.0803		
20							
21							
22							
23							

Comments: *A* = Low Volume Sample

¹The same balance must be used to weigh samples before and after ovening.

²Samples must be ovened over 12 hours at 103-105°C.

³Samples must be re-weighed within 30 minutes of oven cool down.

1 ^o Tech: MVB	Balance: IA	Initial Weight: 1350	Thermometer ID: 1107025542	CF: -1.0
2 ^o Tech: MYS	Calibrated: 9/26/2020	Date/Time: 9/26/2020	Oven Start Date/Time: 9/26/20 1450	
Batch: F009431		Final Weight: 621/2020	Temp Raw/Corrected: 104.9 / 103.9	
		Date/Time ³ : 1705	Oven End Date/Time ² : 9/26/20 1610	
		Oven ID: 0NK-03	Temp Raw/Corrected: 104.8 / 103.8	

Total Solids Density (Flask Volume = NA mL)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g) <input type="checkbox"/> NA - Density Only	Density (g/mL) Sample Mass / Flask Volume <input type="checkbox"/> NA - Total Solids Only
1	F009431-DUP1 C1		1.0020	9.5604	4.0234	
2	OJ00073-41A	C2	0.9947	8.3208	3.8695	
3	F009431-DUP2	C3	0.9977	8.5879	4.1374	
4	OJ00073-42A	C4	1.0023	8.8407	4.1605	
5	OJ00073-43A	C5	1.0185	4.0541	2.0241	
6	OJ00073-44A	C6	1.0230	6.5674	2.8357	
7	OJ00073-45A	C7	1.0102	8.0732	2.9510	
8	OJ00073-46A	C8	1.0153	7.8159	2.9905	
9	OJ00073-47A	C9	1.0043	8.9632	4.1367	
10	48A					
11	49A					
12	51A					
13	OJ00073-51A	C10	1.0227	15.3400	2.5286	
14	OJ00073-52A	C11	1.0149	9.3041	4.15523	
15	OJ00073-53A	C12	1.0081	7.5154	3.5568	
16	OJ00073-54A	C13	1.0182	7.6509	4.0434	
17	OJ00073-55A	C14	1.0013	7.3691	3.8132	
18	OJ00073-56A	C15	1.0056	7.5387	3.5526	
19	OJ00073-57A	C16	1.0073	7.7446	3.7261	
20	OJ00073-58A	C17	1.0010	9.0983	4.2042	
21	OJ00073-59A	C18	1.0095	7.1601	2.1691	
22	OJ00073-60A	C19	1.0092	7.1388	2.0803	

Comments:

A = Low Volume Sample

¹The same balance must be used to weigh samples before and after ovening.

²Samples must be ovened over 12 hours at 103-105°C.

³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009431

Eurofins Frontier Global Sciences, LLC

Handwritten: 10/21/2020
 9/25/2020

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Matrix: Soil/Sediment

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	μl Spike1	Spike1 ID	μl Spike2	Spike2 ID	Extraction Comments
F009431-DUP1	Duplicate [0100073-41]	5	5					
F009431-DUP2	Duplicate [0100073-42]	5	5					

Standard ID(s): Description:

Expiration:

PREPARATION BENCH SHEET

F009431

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-41	OR-T1-C1_091720_SED_01-03_DUP	5	5	-	-	S&R		
0100073-42	OR-T1-C1_091720_SED_003-05	5	5	-	-	S&R		
0100073-43	PBR-28_0917_SED_00-01	5	5	-	-	S&R		
0100073-44	W-17-N_091720_SED_00-01	5	5	-	-	S&R		
0100073-45	W-17-N_091720_SED_01-03	5	5	-	-	S&R		
0100073-46	W-17-N_091720_SED_03-05	5	5	-	-	S&R		
0100073-47	OR-T1-C1_091720_SED_03-05_DUP	5	5	-	-	S&R		
0100073-48	OV-01_091820_SED_00-01	5	5	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	5	5	-	-	S&R		
0100073-50	OV-01_091820_SED_03-05	5	5	-	-	S&R		
0100073-51	PBR-28_091720_SED_00-01_DUP	5	5	-	-	S&R		
0100073-52	PBR-28_091720_SED_01-03	5	5	-	-	S&R		
0100073-53	PBR-28_091720_SED_01-03_DUP	5	5	-	-	S&R		
0100073-54	PBR-28_091720_SED_03-05	5	5	-	-	S&R		
0100073-55	PBR-28_091720_SED_03-05_DUP	5	5	-	-	S&R		
0100073-56	W-22-Mid_091820_SED_00-01	5	5	-	-	S&R		
0100073-57	W-22-Mid_091820_SED_01-03	5	5	-	-	S&R		
0100073-58	W-22-Mid_091820_SED_03-05	5	5	-	-	S&R		
0100073-59	MM-T2-C1_091820_SED_00-01	5	5	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009431

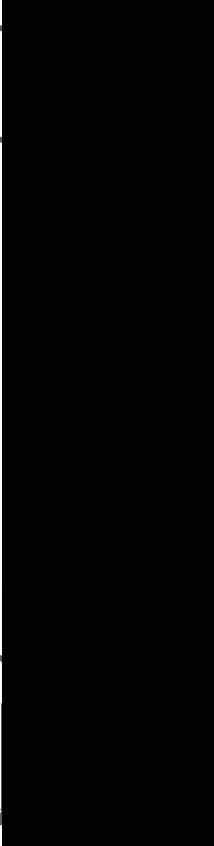
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-60	MM-T2-C1_091820_SED_01-03	5	5	-	-	S&R	
------------	---------------------------	---	---	---	---	-----	--





Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS201001-1
Batch ID: F009432
Work Order(s): OI00073

Analyst: MFS
Prep. Date: 10/1/2020

Analytical Issues/Explanations:

QUALITY ASSURANCE
PEER - REVIEWED
INITIALS: MFS 10/20/2020

Preparation Date: Oct 1, 2020

Batch #: 1

Analyst: MFS

Batch ID: F009432

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-61A	1.0111	6.7838	5.7727	1.9441	0.9330	16.2%	Source Dup1
2	F009432-MD	1.0172	4.1183	3.1011	1.5275	0.5103	16.5%	1.8%
3	0100073-63A	1.0039	6.0104	5.0065	2.3167	1.3128	26.2%	
4	0100073-64A	1.0073	4.9392	3.9319	1.9774	0.9701	24.7%	
5	0100073-65A	1.0036	5.6557	4.6521	2.0179	1.0143	21.8%	
6	0100073-66A	1.0044	4.6833	3.6789	2.2662	1.2618	34.3%	
7	0100073-67A	1.0136	5.6782	4.6646	2.5471	1.5335	32.9%	Source Dup2
8	F009432-MD	1.0108	5.9744	4.9636	2.6992	1.6884	34.0%	3.4%
9	0100073-68A	1.0032	5.4440	4.4408	2.7697	1.7665	39.8%	
10	0100073-69A	1.0127	4.5743	3.5616	2.5057	1.4930	41.9%	
11	0100073-70A	1.0084	5.6171	4.6087	3.2448	2.2364	48.5%	
12	0100073-71A	1.0001	5.6896	4.6895	3.4799	2.4798	52.9%	
13	0100073-72A	0.9890	3.8630	2.8740	2.0333	1.0443	36.3%	
14	0100073-73A	1.0265	3.3631	2.3366	1.8533	0.8268	35.4%	
15	0100073-74A	1.0204	5.0741	4.0537	2.7376	1.7172	42.4%	
16	0100073-75A	0.9925	4.5062	3.5137	2.4476	1.4551	41.4%	
17	0100073-76A	1.0035	5.5996	4.5961	3.0512	2.0477	44.6%	
18	0100073-77A	0.9991	4.0674	3.0683	2.4184	1.4193	46.3%	
19	0100073-78A	1.0062	3.6981	2.6919	2.0008	0.9946	36.9%	
20	0100073-79A	1.0051	4.5827	3.5776	2.4796	1.4745	41.2%	
21	0100073-80A	1.0222	5.2360	4.2138	2.3980	1.3758	32.6%	
22	0100073-81	1.0186	3.8119	2.7933	2.1852	1.1666	41.8%	

1° Tech: MFS	Balance: 23 19	Initial Weigh Date/Time: 9/30/20 1609	Thermometer ID: 14640255471 CF: -1.0
2° Tech: MFS	Calibrated: 9/30/20 10/2/20	Final Weigh Date/Time: 10/2/20 1128	Oven Start Date/Time: 10-1-20 1033
Batch: F09432		Oven ID: OVN-03	Temp Raw/Corrected: 104.3 / 103.3
			Oven End Date/Time ² : 10-2-20 1108
			Temp Raw/Corrected: 93.7 / 92.7

CF = Thermometer Correction Factor

Total Solids Density (Flask Volume = N/A mL)

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g)	Density (g/mL)
1	OT00073-62 A	B1	1.0111	6.7838	1.9411	[Large empty box with a diagonal line]
2	F009432-DUP1	B2	1.0172	4.1183 ^{MFS 9/30/20}	1.5275	
3	OT00073-63 A	B3	1.0039	6.904	2.3167	
4	OT00073-64 A	B4	1.0073	4.9392	1.9774	
5	OT00073-65 A	B5	1.0030	5.6557	2.0179	
6	OT00073-66 A	B6	1.0044	4.6833	2.2662	
7	OT00073-67 A	B7	1.0136	5.6782	2.5471	
8	F009432-DUP2	B8	1.0108	5.9744	2.6894 ^{MFS 10-2-20}	
9	OT00073-68 A	B9	1.0032	5.4440	2.7697	
10	OT00073-69 A	B10	1.0127	4.5743	2.5045 ^{MFS 10/2/20}	
11	OT00073-70 A	B11	1.0084	5.6171	3.2448	
12	OT00073-71 A	B12	1.0001	5.6896	3.4799	
13	OT00073-72 A	B13	0.9890	3.8630	2.0333	
14	OT00073-73 A	B14	1.0265	3.3631	1.8533	
15	OT00073-74 A	B15	1.0204	5.0741	2.7376	
16	OT00073-75 A	B16	0.9925	4.5062	2.4476	
17	OT00073-76 A	B17	1.0035	5.5996	3.0512	
18	OT00073-77 A	B18	0.9991	4.0674 ^{MFS}	2.4184	
19	OT00073-78	B19	1.0062	3.6981	2.0068	
20	OT00073-79	B20	1.0051	4.5827	2.4796	
21	OT00073-80	B21	1.0010 ^{MFS 9/30/20} 1.0222	5.2360	2.3980	
22	OT00073-81	B22	1.0186	3.8119	2.1852	

Comments:

MFS 9/30/20

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009432

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	µl Spike1	Spike1 ID	µl Spike2	Spike2 ID	Extraction Comments
F009432-DUP1	Duplicate [0100073-6] <i>6/16/20</i>	5	5					
F009432-DUP2	Duplicate [0100073-6] <i>6/16/20</i>	5	5					

Standard ID(s): Description:

Expiration:

PREPARATION BENCH SHEET

F009432

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-61 ✓	MM-T2-C1_091820_SED_03-05	5	5	-	-	S&R		
0100073-63 ✓	MM-T5-C1_091820_SED_00-01	5	5	-	-	S&R		
0100073-64 ✓	MM-T5-C1_091820_SED_01-03	5	5	-	-	S&R		
0100073-65 ✓	MM-T5-C1_091820_SED_03-05	5	5	-	-	S&R		
0100073-66 ✓	OB-05_091820_SED_00-01	5	5	-	-	S&R		
0100073-67 ✓	OB-05_091820_SED_01-03	5	5	QC	-	S&R		
0100073-68 ✓	OB-05_091820_SED_03-05	5	5	-	-	S&R		
0100073-69 ✓	W-17-Intertidal_091820_SED_00-01	5	5	-	-	S&R		
0100073-70 ✓	W-17-Intertidal_091820_SED_01-03	5	5	-	-	S&R		
0100073-71 ✓	W-17-Intertidal_091820_SED_03-05	5	5	-	-	S&R		
0100073-72	FF-08-02_091820-SED-00-01	5	5	-	-	S&R		
0100073-73	FF-08-02_091820-SED-00-01_DUP	5	5	-	-	S&R		
0100073-74	FF-08-02_091820-SED-01-03	5	5	-	-	S&R		
0100073-75	FF-08-02_091820-SED-01-03_DUP	5	5	-	-	S&R		
0100073-76	FF-08-02_091820-SED-03-05	5	5	-	-	S&R		
0100073-77	FF-08-02_091820-SED-03-05_DUP	5	5	-	-	S&R		
0100073-78	W-17-Low_091820_SED_00-01	5	5	-	-	S&R		
00073-79	W-17-Low_091820_SED_01-03	5	5	-	-	S&R		
00073-80	W-17-Low_091820_SED_03-05	5	5	-	-	S&R		

PREPARATION BENCH SHEET

F009432

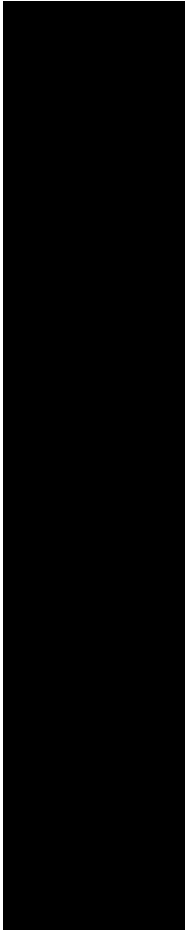
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-81	W-61-Intertical_091820_SED_00-01	5	5	-	-	S&R
------------	----------------------------------	---	---	---	---	-----



Preparation Date: Oct 1, 2020

Batch #: 1

Analyst: MFS

Batch ID: F009432

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-61A	1.0111	6.7838	5.7727	1.9441	0.9330	16.2%	
2	F009432-MD	1.0172	4.1183	3.1011	1.5275	0.5103	16.5%	Source Dup1
3	0100073-63A	1.0039	6.9040	5.9001	2.3167	1.3128	22.3%	1.8%
4	0100073-64A	1.0073	4.9392	3.9319	1.9774	0.9701	24.7%	26.2%
5	0100073-65A	1.0036	5.6557	4.6521	2.0179	1.0143	21.8%	
6	0100073-66A	1.0044	4.6833	3.6789	2.2662	1.2618	34.3%	
7	0100073-67A	1.0136	5.6782	4.6646	2.5471	1.5335	32.9%	
8	F009432-MD	1.0108	5.9744	4.9636	2.6992	1.6884	34.0%	Source Dup2
9	0100073-68A	1.0032	5.4440	4.4408	2.7697	1.7665	39.8%	3.4%
10	0100073-69A	1.0127	4.5743	3.5618	2.5057	1.4930	41.9%	
11	0100073-70A	1.0084	5.6171	4.6087	3.2448	2.2364	48.5%	
12	0100073-71A	1.0001	5.6896	4.6895	3.4799	2.4798	52.9%	
13	0100073-72A	0.9590	3.8630	2.9040	2.0333	1.0743	37.0%	
14	0100073-73A	1.0265	3.3631	2.3366	1.8533	0.8268	35.4%	36.3%
15	0100073-74A	1.0204	5.0741	4.0537	2.7376	1.7172	42.4%	
16	0100073-75A	0.9925	4.5062	3.5137	2.4476	1.4551	41.4%	
17	0100073-76A	1.0035	5.5996	4.5961	3.0512	2.0477	44.6%	
18	0100073-77A	0.9891	4.0674	3.0683	2.4184	1.4193	46.3%	
19	0100073-78A	1.0062	3.6981	2.6919	2.0008	0.9946	36.9%	
20	0100073-79A	1.0051	4.5827	3.5776	2.4796	1.4745	41.2%	
21	0100073-80A	1.0222	5.2360	4.2138	2.3980	1.3758	32.6%	
22	0100073-81	1.0186	3.8119	2.7933	2.1852	1.1866	41.8%	

* 0.9890 * 6.0104 - updated LMS accordingly
MFS 10/20/2020

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MFS

Date: 10/1/2020

Reviewer: MFS

Date: 10/20/2020

WO #: 0100073

Batch #: F009432

Dataset ID: TS

Reviewer Initials: _____

General Comments/Re-run requirements:

Select	SOP	Method	Matrix
<input checked="" type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials: MFS SOP Date: 4/14/2020

Reviewer Initials: MFS 10/20/20

1. Total Solids

A. Check for transcription errors from Benchsheet/Raw Data

- (i) Do sample ID(s) match?
- (ii) Do masses/volumes match?
- (iii) Are the analyst name, dataset ID, and preparation date listed?
- (iv) Does the LIMS benchsheet prep date match the actual prep date?

B. Does the batch include 1 MD/MT per 10 client samples?

C. MD RPD/MT RSD ≤ 10%

D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

MFS 10/20/2020 MFS 10/20/2020

2. Density

A. Check for transcription errors from Benchsheet/Raw Data

- (i) Do sample ID(s) match?
- (ii) Do masses/volumes match?
- (iii) Are the analyst name, dataset ID, and preparation date listed?
- (iv) Does the LIMS benchsheet prep date match the actual prep date?
- (v) Volume (if other than 1 mL): _____ . Can the calculated result be reproduced?

Density Only - Matrix section

- DONE
 - YES NO
 - YES NO
 - YES NO
 - YES NO
 - YES NO
 - PASS FAIL
 - YES NO
- N/A

Total Solids Only - Matrix section

- DONE
 - YES NO
 - YES NO
 - YES NO
 - YES NO
 - YES NO
 - YES NO
- N/A

MFS 10/16/2020

QUALITY ASSURANCE

PEER-REVIEWED

INITIALS: PCS



Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS200929-2
Batch ID: F009433
Work Order(s): 0I00073

Analyst: MFS
Prep. Date: 9/29/2020

Analytical Issues/Explanations:

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)

Date: 10/20/2020

Reviewer: PGS

Date: _____

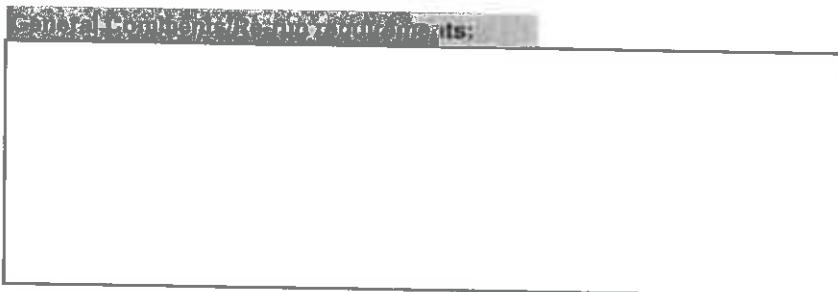
*P.E. = Data Entry

WO #: 0100073

Batch #: F009433

Dataset ID: TS-2009 29-2

Reviewer Initials: PGS



Select	SOP	Method	Matrix
<input type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date	
<u>MFS</u>	<u>4/14/2020</u>	<input type="checkbox"/>
		<input type="checkbox"/>

Reviewer Initials: PGS

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

MFS 10/20/2020

Reviewer Initials: PGS
MFS 10/20/2020

~~TS Density Only - NA this section~~

<input checked="" type="checkbox"/> DONE		<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solid ~~NA this section~~

<input type="checkbox"/> DONE		<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

Preparation Date: Sep 29, 2020

Batch #: 2

Analyst: MFS

Batch ID: F009433

Work Order(s): 0I00073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0I00073-86A	0.9997	5.3855	4.3858	2.3929	1.3932	31.8%	
2	0I00073-87A	0.9951	4.4551	3.4600	2.0586	1.0635	30.7%	
3	0I00073-88A	1.0003	4.7912	3.7909	2.3285	1.3282	35.0%	
4	0I00073-89A	1.0085	6.2460	5.2375	2.7801	1.7716	33.8%	
5	0I00073-90A	1.0042	4.8630	3.8588	2.3004	1.2962	33.6%	
6	0I00073-91A	1.0017	4.9212	3.9195	2.6250	1.6233	41.4%	
7	0I00073-92A	1.0010	5.5094	4.5084	2.8964	1.8954	42.0%	
8	0I00073-93A	1.0217	4.1630	3.1413	2.8886	1.8669	59.4%	
9	0I00073-94A	1.0108	3.7486	2.7378	2.2249	1.2141	44.3%	
10	0I00073-95A	1.0151	5.9753	4.9602	3.3743	2.3592	47.6%	
11	0I00073-96A	1.0216	4.7506	3.7290	2.3555	1.3339	35.8%	
12	0I00073-97A	0.9994	3.7540	2.7546	2.0193	1.0199	37.0%	
13	0I00073-98A	1.0013	6.6873	5.6860	4.6037	3.6024	63.4%	
14	0I00073-99A	1.0113	5.7486	4.7373	3.3244	2.3131	48.8%	
15	0I00073-AAA	1.0015	6.6496	5.6481	3.9645	2.9630	52.5%	
16	0I00073-ABA	1.0139	5.4807	4.4668	3.6270	2.6131	58.5%	
17	0I00073-82A	0.9962	4.0906	3.0944	2.2136	1.2174	39.3%	
18	0I00073-82AMD	1.0092	6.7641	5.7549	3.4035	2.3943	41.6%	5.6%
19	0I00073-83A	0.9989	5.7268	4.7279	2.9958	1.9969	42.2%	
20	0I00073-83AMD	1.0079	6.7019	5.6940	3.3267	2.3188	40.7%	3.6%
21	0I00073-84A	0.9982	3.1593	2.1611	1.5189	0.5207	24.1%	
22	0I00073-85A	1.0247	4.6702	3.6455	1.9512	0.9265	25.4%	

1° Tech: MFS Balance: 23 Initial Weigh MFS 9/25/20 Thermometer ID: 1404025516 CF: -1.0
 Date/Time: 11:00 Oven Start Date/Time: 10-1-20 to 9/29/20
 2° Tech: MFS Calibrated: 9/25/20 Final Weigh 10-1-20 Temp Raw/Corrected: 104.5 / 103.5 MFS
 Date/Time: 11:00 Oven End Date/Time: 10-1-20 1033 to 11/12
 Batch: FC09433 Oven ID: 02N-03 Temp Raw/Corrected: 101.3 / 103.3

Total Solids Density (Flask Volume = _____ mL) CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g)	Density (g/ml)
1	0100073-86A	D1	0.9997	5.3855	2.3929	[Large bracket spanning all rows]
2	0100073-87A	D2	0.9951	4.4551	2.0586	
3	0100073-88A	D3	1.0003	4.7912	2.3285	
4	0100073-89A	D4	1.0085	6.2460	2.7801	
5	0100073-90A	D5	1.0042	4.8630	2.3004	
6	0100073-91A	D6	1.0017	4.9212	2.6250	
7	0100073-92A	D7	1.0010	5.5094	2.8964	
8	0100073-93A	D8	1.0217	4.1630	2.8886	
9	0100073-94A	D9	1.0108	3.7486	2.2249	
10	0100073-95A	D10	1.0151	5.9753	3.3743	
11	0100073-96A	D11	1.0216	4.7506	2.3555	
12	0100073-97A	D12	0.9994	3.7540	2.0193	
13	0100073-98A	D13	0.9981	6.1337	4.6037	
14	0100073-99A	D14	1.0113	5.7486	3.3244	
15	0100073-AAA	D15	1.0015	6.6496	3.9645	
16	0100073-ABA	D16	1.0139	5.4807	3.6270	
17	0100073-82A	D17	0.9962	4.0906	2.2136	
18	FC09433-DUP1	D18	1.0092	6.7641	2.9958	
19	0100073-83A	D19	0.9989	5.7268	3.4035	
20	FC09433-DUP2	D20	1.0079	6.7019	3.3267	
21	0100073-84A	D21	0.9982	3.1593	1.5189	
22	0100073-85A	D22	1.0247	4.6470	1.9512	
23						

Comments: (1) Source Dup 1
 (2) Source Dup 2

1 The same balance must be used to weigh samples before and after ovening.
 2 Samples must be ovened over 12 hours at 103-105°C.
 3 Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009433

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	Spikel ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009433-DUP1	Duplicate [0100073-82]	5	5					
F009433-DUP2	Duplicate [0100073-83]	5	5					

Standard ID(s): Description:

Expiration:

PREPARATION BENCH SHEET

F009433

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-82	W-61-Intertidal_091820_SED_01-03	5	5	-	-	S&R		
0100073-83	W-61-Intertidal_091820_SED_03-05	5	5	-	-	S&R		
0100073-84	E-01-01_091920_SED_00-01	5	5	-	-	S&R		
0100073-85	E-01-01_091920_SED_00-01_DUP	5	5	-	-	S&R		
0100073-86	E-01-01_091920_SED_01-03	5	5	-	-	S&R		
0100073-87	E-01-01_091920_SED_01-03_DUP	5	5	-	-	S&R		
0100073-88	E-01-01_091920_SED_03-05	5	5	-	-	S&R		
0100073-89	E-01-01_091920_SED_03-05_DUP	5	5	-	-	S&R		
0100073-90	E-01-03_091920-SED-00-01	5	5	-	-	S&R		
0100073-91	E-01-03_091920-SED-01-03	5	5	-	-	S&R		
0100073-92	E-01-03_091920-SED-03-05	5	5	-	-	S&R		
0100073-93	SVE-01_091820_SED_00-01	5	5	-	-	S&R		
0100073-94	SVE-01_091820_SED_01-03	5	5	-	-	S&R		
0100073-95	SVE-01_091820_SED_03-05	5	5	-	-	S&R		
0100073-96	CJ-04_092020_SED_00-01	5	5	-	-	S&R		
0100073-97	CJ-04_092020_SED_01-03	5	5	-	-	S&R		
0100073-98	E-01-04_091920_SED_00-01	5	5	-	-	S&R		
00073-99	E-01-04_091920_SED_01-03	5	5	-	-	S&R		
00073-AA	E-01-04_091920_SED_03-05	5	5	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009433

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-AB	ES-FP_091920_SED_00-01	5	5	-	-	S&R
------------	------------------------	---	---	---	---	-----





Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS201001-2
Batch ID: F009434
Work Order(s): 0I00073

Analyst: MFS
Prep. Date: 10/1/2020

Analytical Issues/Explanations:

QUALITY ASSURANCE
PEER - REVIEWED
INITIALS: MFS 10/20/2020

Preparation Date: Oct 1, 2020

Batch #: 2

Analyst: MFS

Batch ID: F009434

Work Order(s): 0I00073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0I00073-AC A	1.0180	7.9642	6.9462	4.2533	3.2353	46.6%	Dup1 Source
2	F009434-MD	1.0142	7.1704	6.1562	3.8913	2.8771	46.7%	0.3%
3	0I00073-AD A	1.0037	5.4037	4.4000	3.0288	2.0251	46.0%	
4	0I00073-AE A	1.0145	5.2898	4.2753	2.5906	1.5761	36.9%	
5	0I00073-AF A	1.0011	4.0445	3.0434	2.2008	1.1997	39.4%	Dup2 Source
6	F009434-MD	0.9971	4.6678	3.6707	2.4403	1.4432	39.3%	0.3%
7	0I00073-AG A	1.0039	4.9661	3.9622	2.5645	1.5606	39.4%	
8	0I00073-AH A	1.0228	6.5293	5.5065	4.8237	3.8009	69.0%	
9	0I00073-AI A	1.0231	3.8535	2.8304	1.7978	0.7747	27.4%	
10	0I00073-AJ A	1.0026	4.4668	3.4642	2.4254	1.4228	41.1%	
11	0I00073-AK A	1.0096	4.9361	3.9265	2.7273	1.7177	43.7%	
12	0I00073-AL A	0.9986	4.3331	3.3345	1.6531	0.6545	19.6%	
13	0I00073-AM A	1.0261	4.5959	3.5698	1.9963	0.9702	27.2%	
14	0I00073-AN A	1.0234	5.2644	4.2410	3.6839	2.6605	62.7%	
15	0I00073-AO A	1.0052	6.7162	5.7110	2.8415	1.8363	32.2%	
16	0I00073-AP A	1.0092	4.4236	3.4144	2.3052	1.2960	38.0%	
17	0I00073-AQ A	1.0047	3.9860	2.9813	1.9334	0.9287	31.2%	
18	0I00073 AR A	0.9959	4.4111	3.4152	1.8997	0.9038	26.5%	
19	0I00073- AS A	0.9998	5.9089	4.9091	2.7031	1.7033	34.7%	
20	0I00073-AT A	1.0055	8.1254	7.1199	4.4079	3.4024	47.8%	
21	0I00073-AU A	0.9976	5.4619	4.4643	2.4255	1.4279	32.0%	
22	0I00073-AV A	1.0097	6.2666	5.2569	3.0775	2.0678	39.3%	

*2.3053 1.2961 38% - excel updated accordingly

1 ^o Tech: MFS	Balance: 23 19	Initial Weigh 9/30/20	Thermometer ID: 140402554 CF: -1.6
2 ^o Tech: MFS	Calibrated: 9/30/20 10/2/20	Date/Time: 10/33	Oven Start Date/Time: 10-1-20 1033
Batch: FCW9434		Final Weigh 10/2/20	Temp Raw/Corrected: 104.3 / 103.3
		Date/Time ³ : 11:28	Oven End Date/Time ² : 10-2-20 1108
		Oven ID: 00N-03	Temp Raw/Corrected: 93.7 / 92.7

Total Solids Density (Flask Volume = 12/1A mL)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g)	Density (g/mL) Sample
1	OT00073-ACA ^(SOURCE)	A1	1.01880 ^{MFS 9/30/20}	6.5411 ^{MFS 9/30/20}	4.2533	<div style="position: absolute; top: 0; right: 0; font-size: small;">MFS 9/30/20 10/2/20 MFS 10/2/20</div>
2	FOU9434-DUP1	A2	1.0142	7.1704	3.8913	
3	OT00073-ADA	A3	1.0037	5.4037	3.0288	
4	OT00073-AEA	A4	1.0145	5.7898	2.5906	
5	OT00073-AEA ^(SOURCE)	A5	1.0111	4.6445	2.2008	
6	FOU9434-DUP2	A6	0.9971	4.6678	2.4403	
7	OT00073-AGA	A7	1.0039	4.9166	2.5645	
8	OT00073-AHA	A8	1.0218	6.5293	4.8237	
9	OT00073-AIA	A9	1.0231	3.8535	1.7978	
10	OT00073-AJA	A10	1.0026	4.4168 ^{MFS 9/30/20}	2.4254	
11	OT00073-AKA	A11	1.0096	4.9361	2.7273	
12	OT00073-ALA	A12	0.9986	4.3331	1.6531	
13	OT00073-AMA	A13	1.0211	4.8959	1.9961 ^{MFS 10/2/20}	
14	OT00073-ANA ^(SOURCE)	A14	1.0234	5.2644	3.6839	
15	OT00073-AOA	A15	1.0052	6.7162	2.8415	
16	OT00073-APA	A16	1.0092	4.4275 ^{MFS 9/30/20}	2.3053	
17	OT00073-AQA	A17	1.0047	3.9860	1.9334	
18	OT00073-ARA ^(SOURCE)	A18	0.9999	4.4111	1.8997	
19	OT00073-ASA ^(SOURCE)	A19	0.9998	5.9089	2.7073 ^{MFS 10/2/20}	
20	OT00073-ATA	A20	1.0053	8.1254	4.4079	
21	OT00073-AUA	A21	0.9976	5.4619	2.4255	
22	OT00073-AVA	A22	1.0097	6.2166	3.0775	
23						

Comments:

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009434

Eurofins Frontier Global Sciences, LLC

Prepared: 9/25/2020

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Matrix: Soil/Sediment

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009434-DUP1	Duplicate [0100073-AC]	5	5					
F009434-DUP2	Duplicate [0100073-AC] PREP	5	5					

PREP
MPS 9/30/20

Expiration:

Description:

Standard ID(s):

Handwritten notes: 1437, 1437

PREPARATION BENCH SHEET

F009434

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AC	ES-FP_091920_SED_01-03	5	5	-	-	S&R		
0100073-AD	ES-FP_091920_SED_030-036	5	5	-	-	S&R		
0100073-AE	L9-45_092020_SED_00-01	5	5	-	-	S&R		
0100073-AF	L9-45_092020_SED_01-03	5	5	-	-	S&R		
0100073-AG	L9-45_092020_SED_03-05	5	5	-	-	S&R		
0100073-AH	OL-01_091920_SED_00-03	5	5	-	-	S&R		
0100073-AI	BO-04_092120_SED_00-02	5	5	-	-	S&R		
0100073-AJ	CJ-04_092020_SED_03-05	5	5	-	-	S&R		
0100073-AK	MM-T2-C3_092120_SED_00-01	5	5	-	-	S&R		
0100073-AL	W-61-High_0902020_SED_00-01	5	5	-	-	S&R		
0100073-AM	W-61-High_0902020_SED_01-03	5	5	-	-	S&R		
0100073-AN	W-61-High_0902020_SED_03-05	5	5	-	-	S&R		
0100073-AO	W-61-Low_092020_SED_00-01	5	5	-	-	S&R		
0100073-AP	W-61-Low_092020_SED_01-03	5	5	-	-	S&R		
0100073-AQ	W-61-Low_092020_SED_03-05	5	5	-	-	S&R		
0100073-AR	W-61-Mid_092020_SED_00-01	5	5	-	-	S&R		
0100073-AS	W-61-Mid_092020_SED_01-03	5	5	-	-	S&R		
0100073-AT	W-61-Mid_092020_SED_03-05	5	5	-	-	S&R		
0100073-AU	FRB-01_092120_SED_00-01	5	5	-	-	S&R		

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009434

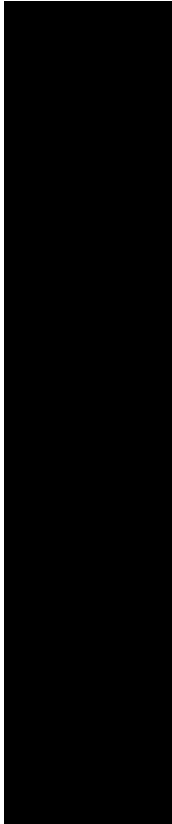
Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

0100073-AV	FRB-01_092120_SED_01-03	5	5	-	-	S&R
------------	-------------------------	---	---	---	---	-----



Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MFS

Date: 10/1/2020

Reviewer: MFS

Date: 10/20/2020

WO #: 0500073

Batch #: F009434

Dataset ID: TS

Reviewer Initials: _____

General Comments/Re-run requirements:

Select	SOP	Method	Matrix
<input checked="" type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date
<u>MFS</u>	<u>10/1/2020</u>

Reviewer Initials: MFS 10/20/2020

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

Density Only - NA this section			
<input checked="" type="checkbox"/>	DONE		<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/>	PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solids Only - NA this section			
<input type="checkbox"/>	DONE		<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/>	YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

for 10/6/2020



QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: PGS

Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS200929-3
Batch ID: F009435
Work Order(s): 0I00073

Analyst: MFS
Prep. Date: 9/29/2020

Analytical Issues/Explanations:

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)

Date: 10/20/2020

Reviewer: PGS

Date: _____

* P.E. = Data Entry

WO #: 0100073

Batch #: F009435

Dataset ID: TS-200929-3

Reviewer Initials: PGS

General Comments/Re-run requirements:

Select	SOP	Method	Matrb:
<input type="checkbox"/>	SOP5133	TS	S/T
<input type="checkbox"/>	SOP5133	Density	Liquids

Initials	SOP Date	
<u>MFS</u>	<u>4/14/2020</u>	<input type="checkbox"/>
		<input type="checkbox"/>

Reviewer Initials: PGS

MFS 10/20/2020

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

MFS 10/20/2020

Density Only - NA this section

<input checked="" type="checkbox"/> DONE		<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

Total Solids Only - NA this section

<input checked="" type="checkbox"/> DONE	<u>MFS 10/20/2020</u>	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/>
<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A <input type="checkbox"/>

Preparation Date: Sep 29, 2020

Batch #: 3

Analyst: MFS

Batch ID: F009435

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	0100073-AWA	1.0149	8.8331	7.8182	4.5637	3.5488	45.4%	
2	0100073-AXA	1.0227	9.2959	8.2732	4.3232	3.3005	39.9%	
3	0100073-AYA	1.0006	5.5886	4.5880	2.9103	1.9097	41.6%	
4	0100073-AXAMD	1.0294	9.3639	8.3345	4.3306	3.3012	39.6%	0.4%
5	0100073-AYAMD	0.9953	5.5187	4.5234	2.8504	1.8551	41.0%	0.7%
6	0100073-AZA	0.9961	5.5379	4.5418	2.3667	1.3706	30.2%	
7	0100073-BAA	1.0001	8.0540	7.0539	2.9262	1.9261	27.3%	
8	0100073-BBA	1.0051	4.7686	3.7635	2.1435	1.1384	30.2%	
9	0100073-BCA	1.0110	6.8004	5.7894	2.3510	1.3400	23.1%	
10	0100073-BDA	1.0163	6.9389	5.9226	2.5354	1.5191	25.6%	
11	0100073-BEA	1.0115	6.5780	5.5665	2.3280	1.3165	23.7%	
12	0100073-BFA	1.0042	8.1698	7.1656	2.8244	1.8202	25.4%	
13	0100073-BGA	1.0012	4.4467	3.4455	2.0256	1.0244	29.7%	
14	0100073-BHA	0.9998	6.3509	5.3511	2.7494	1.7496	32.7%	
15	0100073-BIA	1.0009	9.6616	8.6607	3.8396	2.8387	32.8%	
16	0100073-BJA	1.0008	7.3750	6.3742	2.4793	1.4785	23.2%	
17	0100073-BKA	1.0031	6.4094	5.4063	2.4028	1.3997	25.9%	
18	0100073-BLA	1.0021	5.1490	4.1469	2.3853	1.3832	33.4%	
19	0100073-BMA	1.0040	8.0920	7.0880	3.6090	2.6050	36.8%	

Total Solids and Density Logbook

1° Tech: YMW	Balance: 19 23	Initial Weigh 1650 Date/Time: 9/28/2020	Thermometer ID: 140402581TE CF: -1.0
2° Tech: MPS	Calibrated: 9/28/2020	Final Weigh 1045 Date/Time: 9/29/2020	Oven Start Date/Time: 9-29-20 1018
Batch: F009435		Oven ID: OVN-03	Temp Raw/Corrected: 104.8 / 103.8
			Oven End Date/Time: 10-1-20 1033
			Temp Raw/Corrected: 104.3 / 103.3

Total Solids Density (Flask Volume = _____ mL)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan +		Density (g/mL) Sample Mass / Flask Volume
					<input type="checkbox"/> NA - Total Solids Only	<input type="checkbox"/> NA - Total Solids Only	
1	0100073-AWA	E1	1.0149	8.8331	4.5637		
2	0100073-AXA	E2	1.0227	9.2959	4.3232		
3	0100073-AYA	E3	1.0006	5.5886	2.9103		
4	F009435-DUP1	E4	1.0294	9.3639	4.3306		
5	F009435-DUP2	E5	0.9953	5.5187	2.8504		
6	0100073-AZA	E6	0.9961	5.5379	2.8667		
7	0100073-BA A	E7	1.0001	8.0540	2.9262		
8	0100073-BBA	E8	1.0051	4.7686	2.1435		
9	0100073-BCA	E9	1.0110	6.8004	2.3510		
10	0100073-BDA	E10	1.0163	6.9389	2.5354		
11	0100073-BEA	E11	1.0115	6.5780	2.3280		
12	0100073-BFA	E12	1.0042	8.1698	2.8244		
13	0100073-BGA	E13	1.0012	4.4467	2.0250		
14	0100073-BHA	E14	0.9998	6.3709	2.7494		
15	0100073-BIA	E15	1.0009	9.6616	3.8396		
16	0100073-BJA	E16	1.0008	7.3750	2.4793		
17	0100073-BKA	E17	1.0031	6.4094	2.4628		
18	0100073-BLA	E18	1.0021	5.1490	2.3853		
19	0100073-BMA	E19	1.0040	8.0920	3.6090		
20							MPS 10/1/20
21							
22							
23							MPS 10/1/20

Comments:

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009435

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	µl Spike1	µl Spike2	Extraction Comments
F009435-DUP1	Duplicate [0100073-AX]	5	5			
F009435-DUP2	Duplicate [0100073-AY]	5	5			

Standard ID(s):

Expiration:

PREPARATION BENCH SHEET

F009435

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-AW	FRB-01_092120_SED_03-05	5	5	-	-	S&R		
0100073-AX	MM-T2-C3_092120_SED_01-03	5	5	QC	-	S&R		
0100073-AY	MM-T2-C3_092120_SED_03-05	5	5	QC	-	S&R		
0100073-AZ	MM-T5-C3_092120_SED_00-01	5	5	-	-	S&R		
0100073-BA	MM-T5-C3_092120_SED_01-03	5	5	-	-	S&R		
0100073-BB	MM-T5-C3_092120_SED_03-05	5	5	-	-	S&R		
0100073-BC	W-17-High_092120_SED_00-01	5	5	-	-	S&R		
0100073-BD	W-17-High_092120_SED_01-03	5	5	-	-	S&R		
0100073-BE	W-17-High_092120_SED_03-05	5	5	-	-	S&R		
0100073-BF	W-17-Mid_092120_SED_00-01	5	5	-	-	S&R		
0100073-BG	MM-T1-C3_092120_SED_00-01	5	5	-	-	S&R		
0100073-BH	MM-T1-C3_092120_SED_01-03	5	5	-	-	S&R		
0100073-BI	MM-T1-C3_092120_SED_03-05	5	5	-	-	S&R		
0100073-BJ	W-17-Mid_092120_SED_01-03	5	5	-	-	S&R		
0100073-BK	W-17-Mid_092120_SED_03-05	5	5	-	-	S&R		
0100073-BL	VN-02-04_091620_SED_00-01	5	5	-	-	S&R		
0100073-BM	VN-02-04_091620_SED_01-03	5	5	-	-	S&R		

PREPARATION BENCH SHEET

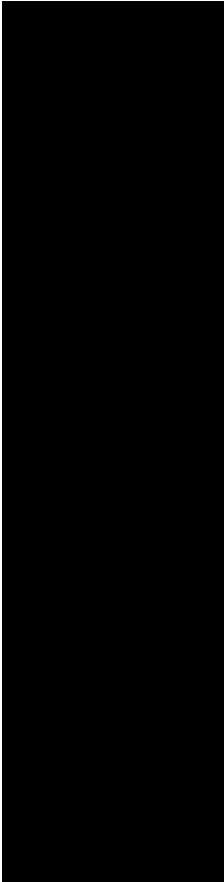
F009435

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/25/2020



1 ^o Tech: MVB	Balance: 19 23	Initial Weigh 1650 Date/Time: 9/24/2016	Thermometer ID: 14140255472 CF: -1.0
2 ^o Tech: MFS	Calibrated: 9/28/2016 w/1.12	Final Weigh Date/Time ³ : 10/1/2016 1103	Oven Start Date/Time: 9/24/2016 1618
Batch: F009435		Oven ID: OVN-03	Temp Raw/Corrected: 104.4 / 103.8
			Oven End Date/Time ² : 10/1/2016 1123
			Temp Raw/Corrected: 104.3 / 103.3

Total Solids Density (Flask Volume = NA mL)

CF = Thermometer Correction Factor

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan # Dry Sample (g)	Density (g/mL) Sample Mass / Flask Volume
1	02CW73 - AWA	E1	1.0149	8.6331	4.5637	
2	02CW73 - AXA	E2	1.0227	9.2959	4.3232	
3	02CW73 - AYA	E3	1.0006	5.5886	2.9103	
4	F009435 - DUP1	E4	1.0294	9.3639	4.3306	
5	F009435 - DUP2	E5	0.9553	5.5187	2.8504	
6	02CW73 - AZA	E6	0.9561	5.5379	2.3667	
7	02CW73 - BAA	E7	1.0001	8.0540	2.9262	
8	02CW73 - BBA	E8	1.0051	4.7686	2.1435	
9	02CW73 - BCA	E9	1.0110	6.8004	2.3510	
10	02CW73 - BDA	E10	1.0163	6.9389	2.5354	
11	02CW73 - BEA	E11	1.0115	6.5780	2.3280	
12	02CW73 - BEA	E12	1.0042	8.1698	2.8244	
13	02CW73 - BFA	E13	1.0012	4.4467	2.0256	
14	02CW73 - BNA	E14	0.9558	6.3509	2.7494	
15	02CW73 - BIA	E15	1.0009	9.6616	3.8356	
16	02CW73 - BJA	E16	1.0008	7.7750	2.4793	
17	02CW73 - BKA	E17	1.0031	6.4094	2.4628	
18	02CW73 - BLA	E18	1.0021	5.1490	2.3853	
19	02CW73 - BMA	E19	1.0040	8.0920	3.6050	
20						
21						
22						

Comments:

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

QUALITY ASSURANCE

PEER-REVIEWED

INITIALS: PGS



Frontier Global Sciences

Total Solids Dataset Cover Page

Dataset ID: TS201001-1
Batch ID: F009441
Work Order(s): 0I00073

Analyst: MFS
Prep. Date: 10/1/2020

Analytical Issues/Explanations:

*RPD differences:
MDI - 1.1% } due to significant figures
- UMS 1.14% } MFS 10/3/2020*

Peer Review Checklist for Total Solids and Density (SOP5133)

Analyst: MF (Prep)/MGS(D.E.)
* P.E. = Data Entry
WO #: 0700073

Date: 10/5/2020

Reviewer: PGS

Date: _____

Batch #: F009441

Dataset ID: TS-2009
1001-1
MGS
10/2/2020

Reviewer Initials: PGS

General Comments/Re-run requirements:

SOP	Method	Matrix
<input checked="" type="checkbox"/> SOP5133	TS	S/T
<input type="checkbox"/> SOP5133	Density	Liquids

MFS	SOP Date	
<u>MFS</u>	<u>4/14/2020</u>	<input type="checkbox"/>
		<input type="checkbox"/>

Reviewer Initials: PGS

1. Total Solids

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
- B. Does the batch include 1 MD/MT per 10 client samples?
- C. MD RPD/MT RSD ≤ 10%
- D. Are qualifiers, O-04 and O-09, included for samples analyzed out of hold time?

Not included PGS 10/5/2020

<input checked="" type="checkbox"/> DONE	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL
<input type="checkbox"/> YES	<input type="checkbox"/> NO
	<input type="checkbox"/> N/A

2. Density

- A. Check for transcription errors from Benchsheet/Raw Data
 - (i) Do sample ID(s) match?
 - (ii) Do masses/volumes match?
 - (iii) Are the analyst name, dataset ID, and preparation date listed?
 - (iv) Does the LIMS benchsheet prep date match the actual prep date?
 - (v) Volume (if other than 1 mL): _____ Can the calculated result be reproduced?

<input type="checkbox"/> Total Solids Only - NA this section	
<input checked="" type="checkbox"/> DONE	<input type="checkbox"/>
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	<input type="checkbox"/> N/A

MGS 10/2/2020

Preparation Date: Oct 1, 2020

Batch #: 1

Analyst: MFS

Batch ID: F009441

Work Order(s): 0100073

Pan ID	Sample ID	Pan Wt (g)	Pan + Sample Wet (g)	Wet Sample (g)	Pan + Sample Dry (g)	Dry Sample (g)	% TS	Notes
1	O100073-48A	1.0053	4.4589	3.4536	4.3065	3.3012	95.6%	SRC1
2	F009441-MD	1.0066	5.7232	4.7166	5.5652	4.5586	96.7%	1.1%
3	O100073-49A	1.0081	5.2119	4.2038	5.0240	4.0159	95.5%	
4	O100073-50A	1.0233	6.3621	5.3388	5.9064	4.8831	91.5%	

... and Density LOGBOOK

1° Tech: MFS	Balance: 23 19	Initial Weigh Date/Time: 9/30/20 1658	Thermometer ID: M6462554TT CF: -1.0
2° Tech: MFS	Calibrated: 9/30/20 10/2/20	Final Weigh Date/Time ³ : 10/2/20 1128	Oven Start Date/Time: 10-1-20 1033
Batch: F009441		Oven ID: OVN-03	Temp Raw/Corrected: 104.3 / 103.3
			Oven End Date/Time ² : 10-2-20 1108
			Temp Raw/Corrected: 93.7 / 92.7

CF = Thermometer Correction Factor

Total Solids Density (Flask Volume = 10/18 mL)

Line	Sample ID	Pan # or Flask #	Pan or Flask (g)	Pan or Flask + Wet Sample (g)	Pan + Dry Sample (g)	Density (g/mL) Sample Mass / Flask Volume:
1	OT00073-45A (SOURCE DUPI)	C1	1.0053	4.4589	4.3065	
2	F009441-DUPI	C2	1.0060	5.7282	5.5652	
3	OT00073-49A	C3	1.0081	5.2119	5.02740 ^{MFS 10-2-20}	
4	OT00073-50A	C4	1.0233	6.3624	5.9064	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Comments: All samples have heterogenous, pebble-like consistency - MFS 9/30/20 MFS 10/2/20

¹The same balance must be used to weigh samples before and after ovening.
²Samples must be ovened over 12 hours at 103-105°C.
³Samples must be re-weighed within 30 minutes of oven cool down.

PREPARATION BENCH SHEET

F009441

Eurofins Frontier Global Sciences, LLC

Matrix: Soil/Sediment

Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Prepared: 9/30/2020

Prepared by: [Signature]
9/30/2020

Lab Number	Sample ID and Source Sample	Initial (g)	Final (g)	µl Spike1	µl Spike2	Extraction Comments
F009441-DUP1	Duplicate [0100073-48]	5	5			

Standard ID(s): Description: Expiration:

PREPARATION BENCH SHEET

F009441

Eurofins Frontier Global Sciences, LLC

Prepared: 9/30/2020

Matrix: Soil/Sediment Prepared using: Trace Metals - EFGS SOP5133 Solids Analysis

Lab Number	Sample ID	Initial (g)	Final (g)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100073-48	OV-01_091820_SED_00-01	5	5	-	-	S&R		
0100073-49	OV-01_091820_SED_01-03	5	5	-	-	S&R		
0100073-50	OV-01_091820_SED_03-05	5	5	-	-	S&R		





Frontier Global Sciences

5755 8th Street East
Tacoma, WA 98424
Phone: (253) 922-2310

26 October 2020

Denise King
Wood - MA
271 Mill Road
Chelmsford, MA 01824
RE: Penobscot

Enclosed are the analytical results for samples received by Eurofins Frontier Global Sciences. All quality control measurements are within established control limits and there were no analytical difficulties encountered with the exception of those listed in the case narrative section of this report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Patrick Garcia-Strickland". The signature is written in a cursive style with a large initial "P".

Patrick Garcia-Strickland
Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	-------------------------------------

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EB-DECONLINER_092220_SED_QC	0100080-01	Water	22-Sep-20 14:30	23-Sep-20 08:30
EB-HSBOWLASI_092220_SED_QC	0100080-02	Water	22-Sep-20 14:00	23-Sep-20 08:30
EB-HSBOWLWOOD_092220_SED_QC	0100080-03	Water	22-Sep-20 14:10	23-Sep-20 08:30
EB-NEWLINER_092220_SED_QC	0100080-04	Water	22-Sep-20 14:20	23-Sep-20 08:30

Eurofins Frontier Global Sciences, LLC

The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King**Reported:**
26-Oct-20 12:14

SAMPLE RECEIPT

Samples were received at Eurofins Frontier Global Sciences (EFGS) on 23-Sep-20 08:30. The samples were received intact, on-ice within a sealed cooler at

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	0.1

SAMPLE PREPARATION AND ANALYSIS

Samples were prepared and analyzed for total mercury by flow injection atomic fluorescence spectrometry (FI-AFS) in accordance with EPA 1631E.

Samples were prepared and analyzed for methyl mercury by cold vapor gas chromatography atomic fluorescence spectrometry (CV-GC-AFS) in accordance with EPA 1630 (EFGS-070).

ANALYTICAL AND QUALITY CONTROL ISSUES

Method blanks were prepared for every preparation to assess possible blank contribution from the sample preparation procedure. The method blanks were carried through the entire analytical procedure. All blanks fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

Liquid spikes, certified reference material (CRM) or a quality control samples (QCS) were prepared for every preparation as a measure of accuracy. All liquid spikes, CRMs and/or QCS samples fell within the established acceptance criteria with the exception of any items narrated above or flagged and described in the notes and definitions section of the report.

As an additional measure of the accuracy of the methods used and to check for matrix interference, matrix spikes (MS) and matrix spike duplicates (MSD) were digested and analyzed. All of the matrix spike recoveries fell within the established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

A reasonable measure of the precision of the analytical methods is the relative percent difference (RPD) between a matrix spike recovery and a matrix spike duplicate recovery and between laboratory control sample recovery and laboratory control sample duplicate recoveries. All of the relative percent differences fell within established acceptance criteria with the exception of any items flagged and described in the notes and definitions section of the report.

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood E&IS
511 Congress Street
Portland, ME 04101
(207) 828-3367

SHIP TO:
Eurofins WA
5755 8th St E
Tacoma, WA, 98424
Atten: P. Garcia-Strickland
Lab Phone# 206-351-9522

CHAIN OF

DATE: 9/22/2020
COC #: _____
PAGE: 1 OF 1

Project Name: Penobscot River 2020	Project Contact: Denise King	Bill To: Denise King, Wood E&IS	Disposal Instructions: LAB
Project Number: 3617207486.03****	Phone Number: 508-789-1738	271 Mill Rd	Shipment Method: FED EX
Project Manager: Rod Pendelton	Project Phase: Sediment Monitoring	Chelmsford, MA 01824	Waybill Number: N/A

Sample Information						Methods for Analysis				RUSH			
No.	Sample ID	Date & Time Sampled	Matrix	Sample Type	MS/MSD	Total Hg 1613e - HCl	Total MeHg 1630 - HCl	STANDARD	48 Hour	72 Hour	5 Days	TOTAL BOTTLES	HOLD All Analyses
1	EB-DECONLINER_092220_SED_QC	09/22/20 14:30	AQ	EB	N	X	X	X				2	
2	EB-HSBOWLASI_092220_SED_QC	09/22/20 14:00	AQ	EB	N	X	X	X				2	
3	EB-HSBOWLWOOD_092220_SED_QC	09/22/20 14:10	AQ	EB	N	X	X	X				2	
4	EB-NEWLINER_092220_SED_QC	09/22/20 14:20	AQ	EB	N	X	X	X				2	
5													
6													
7													
8													
9													
10													
11													
12													

Sampler's Signature:	Date: 9/22/20 Time: 1600	For Lab Use Does COC match samples: Y or N Broken Container: Y or N COC seal intact: Y or N Other problems: Y or N WSDOT contacted: Y or N Date contacted: _____ Cooler Temperature at receipt: _____ °C NUMBER OF COOLERS SENT: 1	Comments: X=Analyze H=Hold Analysis Request PO # C012906205
Relinquished By/Affiliation: WOOD E+IS	Date: 9/22/20 Time: 1600		
Received By: FEDEX	Date: 9/22/20 Time: 1600		
Relinquished By/Affiliation:	Date: Time:		
Received By:	Date: Time:		
Relinquished By/Affiliation:	Date: Time:		
Received By (LAB):	Date: Time:		

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

EB-DECONLINER_092220_SED_QC
0100080-01

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630											
Methyl Mercury (as Mercury)	0.098	0.025	0.049	ng/L	1.25	F009443	01-Oct-20	0J05021	02-Oct-20	EPA 1630	
Sample Preparation: EPA 1631E											
Mercury	ND	0.08	0.50	ng/L	1	F009423	25-Sep-20	0128009	25-Sep-20	EPA 1631E	U





Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King

Reported:
26-Oct-20 12:14

EB-HSBOWLASI_092220_SED_QC
0100080-02

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630											
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L	1.25	F009443	01-Oct-20	0J05021	02-Oct-20	EPA 1630	U
Sample Preparation: EPA 1631E											
Mercury	0.09	0.08	0.50	ng/L	1	F009423	25-Sep-20	0I28009	25-Sep-20	EPA 1631E	J



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King

Reported:
26-Oct-20 12:14

EB-HSBOWLWOOD_092220_SED_QC
0100080-03

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630											
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L	1.25	F009443	01-Oct-20	0J05021	02-Oct-20	EPA 1630	U
Sample Preparation: EPA 1631E											
Mercury	ND	0.08	0.50	ng/L	1	F009423	25-Sep-20	0I28009	25-Sep-20	EPA 1631E	U



Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King

Reported:
26-Oct-20 12:14

EB-NEWLINER_092220_SED_QC
0100080-04

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Sequence	Analyzed	Method	Notes
Sample Preparation: EPA 1630											
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L	1.25	F009443	01-Oct-20	0J05021	02-Oct-20	EPA 1630	U
Sample Preparation: EPA 1631E											
Mercury	ND	0.08	0.50	ng/L	1	F009423	25-Sep-20	0I28009	25-Sep-20	EPA 1631E	U



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0128009 - F009423											
Cal Standard (0128009-CAL1)					Prepared & Analyzed: 25-Sep-20						
Mercury	0.47	-		ng/L	0.50000		93.6				
Cal Standard (0128009-CAL2)					Prepared & Analyzed: 25-Sep-20						
Mercury	0.88	-		ng/L	1.0000		87.5				
Cal Standard (0128009-CAL3)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.39	-		ng/L	5.0000		108				
Cal Standard (0128009-CAL4)					Prepared & Analyzed: 25-Sep-20						
Mercury	21.30	-		ng/L	20.000		106				
Cal Standard (0128009-CAL5)					Prepared & Analyzed: 25-Sep-20						
Mercury	41.84	-		ng/L	40.000		105				
Calibration Blank (0128009-CCB1)					Prepared & Analyzed: 25-Sep-20						
Mercury	0.02	-		ng/L							
Calibration Blank (0128009-CCB2)					Prepared & Analyzed: 25-Sep-20						
Mercury	-0.004	-		ng/L							U
Calibration Blank (0128009-CCB3)					Prepared & Analyzed: 25-Sep-20						
Mercury	-0.001	-		ng/L							U
Calibration Check (0128009-CCV1)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.62	-		ng/L	4.9950		113	77-123			
Calibration Check (0128009-CCV2)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.41	-		ng/L	4.9950		108	77-123			

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0128009 - F009423

Calibration Check (0128009-CCV3)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.46	-		ng/L	4.9950		109	77-123			
Instrument Blank (0128009-IBL1)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U
Instrument Blank (0128009-IBL2)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U
Instrument Blank (0128009-IBL3)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U
Initial Cal Blank (0128009-ICB1)					Prepared & Analyzed: 25-Sep-20						
Mercury	0.08	-		ng/L							
Initial Cal Check (0128009-ICV1)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.35	-		ng/L	4.9950		107	79-121			

Batch 0J05021 - F009389

Cal Standard (0J05021-CAL1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.046	-		ng/L	0.050000		91.2				
Cal Standard (0J05021-CAL2)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.186	-		ng/L	0.200000		93.0				
Cal Standard (0J05021-CAL3)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.987	-		ng/L	1.0000		98.7				

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05021 - F009389											
Cal Standard (0J05021-CAL4)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	2.251	-		ng/L	2.0000		113				
Cal Standard (0J05021-CAL5)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	4.182	-		ng/L	4.0000		105				
Calibration Blank (0J05021-CCB1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.024	-		ng/L							
Calibration Blank (0J05021-CCBD)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBE)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBF)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBG)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.004	-		ng/L							
Calibration Blank (0J05021-CCBH)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBI)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	0.008	-		ng/L							
Calibration Blank (0J05021-CCBJ)					Prepared: 01-Oct-20 Analyzed: 02-Oct-20						
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05021 - F009389											
Calibration Blank (0J05021-CCBK) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBL) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBM) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBN) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBO) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.011	-		ng/L							U
Calibration Blank (0J05021-CCBP) Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	-0.004	-		ng/L							U
Calibration Check (0J05021-CCV1) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.520	-		ng/L	0.50368		103	67-133			
Calibration Check (0J05021-CCVD) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.399	-		ng/L	0.50368		79.2	67-133			
Calibration Check (0J05021-CCVE) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.581	-		ng/L	0.50368		115	67-133			
Calibration Check (0J05021-CCVF) Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.576	-		ng/L	0.50368		114	67-133			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J05021 - F009389											
Calibration Check (0J05021-CCVG)											
Prepared & Analyzed: 01-Oct-20											
Methyl Mercury (as Mercury)	0.627	-		ng/L	0.50368		125	67-133			
Calibration Check (0J05021-CCVH)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.538	-		ng/L	0.50368		107	67-133			
Calibration Check (0J05021-CCVI)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.631	-		ng/L	0.50368		125	67-133			
Calibration Check (0J05021-CCVJ)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.584	-		ng/L	0.50368		116	67-133			
Calibration Check (0J05021-CCVK)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.537	-		ng/L	0.50368		107	67-133			
Calibration Check (0J05021-CCVL)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.584	-		ng/L	0.50368		116	67-133			
Calibration Check (0J05021-CCVM)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.435	-		ng/L	0.50368		86.3	67-133			
Calibration Check (0J05021-CCVN)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.432	-		ng/L	0.50368		85.7	67-133			
Calibration Check (0J05021-CCVO)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.362	-		ng/L	0.50368		71.8	67-133			
Calibration Check (0J05021-CCVP)											
Prepared: 01-Oct-20 Analyzed: 02-Oct-20											
Methyl Mercury (as Mercury)	0.418	-		ng/L	0.50368		82.9	67-133			

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 0J05021 - F009389

Instrument Blank (0J05021-IBL1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	ND	0.021	0.040	ng/L							U

Initial Cal Blank (0J05021-ICB1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.014	-		ng/L							

Initial Cal Check (0J05021-ICV1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	0.582	-		ng/L	0.50368		116	69-131			

Batch F009423 - EFGS SOP2796 EPA 1631 Oxidation

Blank (F009423-BLK1)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U

Blank (F009423-BLK2)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U

Blank (F009423-BLK3)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U

Blank (F009423-BLK4)					Prepared & Analyzed: 25-Sep-20						
Mercury	ND	0.08	0.50	ng/L							U

LCS (F009423-BS1)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.25	0.08	0.50	ng/L	5.0000		105	77-123			

LCS Dup (F009423-BSD1)					Prepared & Analyzed: 25-Sep-20						
Mercury	5.44	0.08	0.50	ng/L	5.0000		109	77-123	3.54	24	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King

Reported:
26-Oct-20 12:14

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009423 - EFGS SOP2796 EPA 1631 Oxidation

Matrix Spike (F009423-MS1)		Source: 0100082-02			Prepared & Analyzed: 25-Sep-20						
Mercury	5.69	0.08	0.50	ng/L	5.0000	0.08	114	71-125			
Matrix Spike (F009423-MS2)		Source: 0100082-01			Prepared & Analyzed: 25-Sep-20						
Mercury	8.12	0.08	0.50	ng/L	5.0000	2.96	103	71-125			
Matrix Spike Dup (F009423-MSD1)		Source: 0100082-02			Prepared & Analyzed: 25-Sep-20						
Mercury	5.46	0.08	0.50	ng/L	5.0000	0.08	109	71-125	4.17	24	
Matrix Spike Dup (F009423-MSD2)		Source: 0100082-01			Prepared & Analyzed: 25-Sep-20						
Mercury	7.97	0.08	0.50	ng/L	5.0000	2.96	100	71-125	1.94	24	

Batch F009443 - EFGS SOP2797 Methyl Hg Distillation for Water

Blank (F009443-BLK1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L							U
Blank (F009443-BLK2)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L							U
Blank (F009443-BLK3)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	ND	0.026	0.050	ng/L							U
LCS (F009443-BS1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	1.069	0.026	0.050	ng/L	1.1111		96.2	65-135			
LCS Dup (F009443-BSD1)					Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	1.148	0.026	0.050	ng/L	1.1111		103	65-135	7.07	35	

Eurofins Frontier Global Sciences, LLC



The results in this report only apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Patrick Garcia-Strickland, Business Unit Manager



Wood - MA 271 Mill Road Chelmsford MA, 01824	Project: Penobscot Project Number: Penobscot Sediments Hg Project Manager: Denise King	Reported: 26-Oct-20 12:14
--	--	-------------------------------------

Quality Control Data

Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch F009443 - EFGS SOP2797 Methyl Hg Distillation for Water

Matrix Spike (F009443-MS1)		Source: 0I00075-06			Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	1.377	0.026	0.050	ng/L	1.1086	ND	124	65-130			
Matrix Spike Dup (F009443-MSD1)		Source: 0I00075-06			Prepared & Analyzed: 01-Oct-20						
Methyl Mercury (as Mercury)	1.399	0.026	0.049	ng/L	1.0967	ND	128	65-130	1.56	35	

Wood - MA
271 Mill Road
Chelmsford MA, 01824

Project: Penobscot
Project Number: Penobscot Sediments Hg
Project Manager: Denise King

Reported:
26-Oct-20 12:14

Notes and Definitions

- Z-01 Single shot samples, samples less than 10X high blank lvls - ZKH 10/5/2020
- U Analyte was not detected and is reported as less than the LOD or as defined by the client. The LOD has been adjusted for any dilution or concentration of the sample.
- QB-10 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. Only report sample results greater than 10 times the contamination value (QB-01), or samples less than the MRL (QB-02).
- QB-01 The method blank and/or initial/continuing calibration blank contains analyte at a concentration above the MRL. However, the blank concentration(s) are less than 10% of the sample result.
- J The result is an estimated concentration.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the method detection limit if reported to the MDL or above the reporting limit if reported to the MRL.
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



OI28010
Attached

ANALYSIS SEQUENCE

0I28009



QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: PGS

Instrument: Hg2600-3

Calibration ID: UNASSIGNED

Analyzed: 9/25/2020

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I28009-IBL1	QC	1			
0I28009-IBL3	QC	2			
0I28009-IBL2	QC	3			
0I28009-CAL1	QC	4	2002064		
0I28009-CAL2	QC	5	2002065		
0I28009-CAL3	QC	6	2002220		
0I28009-CAL4	QC	7	2002221		
0I28009-CAL5	QC	8	2002222		
0I28009-ICV1	QC	9	2001809		
0I28009-ICB1	QC	10			
F009423-BS1	QC	11			
F009423-BSD1	QC	12			
F009423-BLK1	QC	13			
F009423-BLK2	QC	14			
F009423-BLK3	QC	15			
F009423-BLK4	QC	16			
0I00082-02	Hg-CVAFS-W-1631	17			
F009423-MS1	QC	18			
F009423-MSD1	QC	19			
0I00082-01	Hg-CVAFS-W-1631	20			
0I28009-CCV1	QC	21	2001809		
0I28009-CCB1	QC	22			
F009423-MS2	QC	23			
F009423-MSD2	QC	24			
0I00075-01	Hg-CVAFS-W-1631	25			Scan all data for level IV report
0I00075-02	Hg-CVAFS-W-1631	26			Scan all data for level IV report
0I00075-03	Hg-CVAFS-W-1631	27			Scan all data for level IV report
0I00075-04	Hg-CVAFS-W-1631	28			Scan all data for level IV report
0I00075-05	Hg-CVAFS-W-1631	29			Scan all data for level IV report
0I00075-06	Hg-CVAFS-W-1631	30			Scan all data for level IV report
0I00075-07	Hg-CVAFS-W-1631	31			Scan all data for level IV report
0I00075-08	Hg-CVAFS-W-1631	32			Scan all data for level IV report
0I28009-CCV2	QC	33	2001809		
0I28009-CCB2	QC	34			
0I00075-09	Hg-CVAFS-W-1631	35			Scan all data for level IV report
0I00080-01	Hg-CVAFS-W-1631	36			

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	EMB	Sequence(s) #:	0128009
Reviewer:		Dataset ID(s):	THg26003-200925-1
Date:	9/28/2020	WO (s) #:	
Batch #(s):	F009423		

• Select the correct preparation method.

Analyte	Prep Method	Matrix
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2985	FSTM Trap 70:30 Digest Air/Gas
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2807	Modified Cold Aqua Regia Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2821	Shared Bomb- HF/HNO3/HCl Digest Sed/Soil
<input type="checkbox"/> THg	EFTM-T-TM-SOP2825	Nitric Acid Oven Bomb Sed/Soil
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2795	70:30 Digest Tissue
<input type="checkbox"/> THg	EFAFS-T-AFS-SOP2800	KCl Trap BrCl Oxidation Air/Gas
<input type="checkbox"/> THg	EFTM-T-TM-SOP2837	Shared Nitric Tissue
<input checked="" type="checkbox"/> THg	EFSR-P-SP-SOP2796	BrCl Oxidation Water
<input type="checkbox"/> Hg0	NA	NA Water
<input type="checkbox"/> Inorg Hg	NA	NA Water

Analyst Initials: emb 9/28/20

Reviewer Initials: PGS

1. Compare SampleID with Benchsheet/Sequence/Raw Data (Have all samples been imported?) YES NO
2. Check for transcription errors from Excel spreadsheet (or Prep Benchsheet)/Raw data YES NO
 - (a) On raw data (instrument print-out), does correct file (dataset ID#) name appear in description? YES NO

Naming convention: THg26001-yymmdd-1 or THg26002-yymmdd-1
 - (b) Check 5% of transcription from Instrument print-out and Excel file YES NO

Compare the "Dilute" and "Peak (raw)" columns to "Dilution" and "Uncorrected Result" in Excel
 - (c) Check standards & reagents in sequence & bench sheet for correct usage (expiry). YES NO N/A
 - (d) Check and compare masses (review prep benchsheet) YES NO N/A
 - (e) Check & compare initial & final volumes YES NO N/A
 - (f) Do aliquots and dilutions written on benchsheet match those in Excel? YES NO N/A

50 ml / aliquot = Excel dilution value
 - (g) Is the sequence #, analyst, date, and instrument # on the QC page? YES NO
 - (h) Is the analysis status correct? (analyzed/initial review/reviewed) YES NO
 - (i) Original prep bench sheet added to data package? YES NO
 - (j) Benchsheet prep date MUST match actual prep date (check if re-shot vs re-extract) YES NO
3. High QA? WO#(s)/Client(s): _____ YES NO
4. Client specific QC? (if Yes, refer to Project Notes/LIMS) YES NO
 - (a) Have the QC requirements been met for all WO#s? YES NO
 - (b) Prep blanks corrections/assigned properly YES NO
- 5a. 20 or fewer samples in batch? YES NO
 - (i) 3 PBs, 1 LCS(or BS), 1 LCSD(or BSD), 1 DUP/Batch 1 MS/MSD (or AS/ASD)/10 samples? YES NO
 - (ii) 1 CCV and 1 CCB every 10 analytical runs? YES NO

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	EMB	Sequence(s) #:	0128009
Reviewer:		Dataset ID(s):	THg26003-200925-1
Date:	9/28/2020	WO (s) #:	0
Batch #(s):	F009423		

Analyst Initials EMB 9/28/20 Reviewer Initials PCS

- | | | | | |
|--|--|-------------------------------|---|--------------------------|
| 5b. Has the B/C section data been uploaded? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| QA/QC Data Checked | | | | |
| 6. RSD CF (≤ 15%) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 7. The calibration curve included a minimum of 5 Standards | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 8. 1st Calibration Standard % Recoveries EPA 1631E (75-125%) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| 9. ICV and CCV % Recoveries EPA 1631E (77-123%) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 10. Do all calibration points pass acceptance criteria? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 11. Are qualifiers consistent with the data review flowcharts? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 12. Explain any items on the failed data report from Element | | | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 13. Are the individual Preparation Blanks < PQL or <2.2xMDL for WI (refer to appropriate prep method PQL list) | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| (a) If not < PQL or <2.2xMDL for WI, note which PB(s) are above control limit: | | | | |
| (b) Is the mean PB < PQL or <2.2xMDL for WI (for appropriate qualification)? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| (c) Was a BrCl Blank analyzed for each preservation level? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| (d) Are Preparation Blanks summarized on QC page? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| 14. Filtration Blank Prepared (if yes, use FB qualifier) | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| (a) Filtration Blank prep date same as associated samples' prep date | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| (b) Filtration Blank absolute value < PQL or <2.2xMDL for WI | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 15. IBLs (3 minimum) individually < 0.50 ng/L, mean < 0.25 ng/L and STD of 0.10 ng/L? | <input checked="" type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 16. CCBs individually < 0.50 ng/L or 2.2 x MDL for WI? | <input type="checkbox"/> PASS | <input type="checkbox"/> FAIL | | <input type="checkbox"/> |
| Comments: _____ | | | | |
| 17. Have Total Solids been applied? (If NO, please ensure that they are done or nearly done) | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 18. Is the correct 'Source' designated for MD/MS/MSD? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | | <input type="checkbox"/> |
| 19. For digested preps: was there a spike witness signature & date on the prep bench sheet? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |

Peer Review Check List for THg by 2600 CV-AFS (SOP2822) 2016 Rev 1 (04/1/2016)

Analyst:	EMB	Sequence(s) #:	0128009
Reviewer:		Dataset ID(s):	THg26003-200925-1
Date:	9/28/2020	WO (s) #:	0
Batch #(s):	F009423		

Analyst Initials EMB 9/28/20

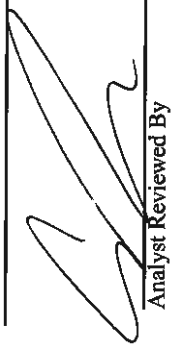
Reviewer Initials PGS

20. MS/MSD Spiked at least 1-5 X ambient or 5x MRL (whichever is higher) ? YES NO
 Comments: _____
21. Are all samples within instrument calibration range? (or at minimum dilution size) PASS FAIL
 Comments: _____
22. Are the samples run at the correct dilution level for the method? YES NO
 Comments: _____
23. Dissolved < Total (if applicable) YES NO N/A
 Comments: _____
24. Effluent < Influent (visually confirm if needed) YES NO N/A
 Comments: _____
25. Are re-runs noted with reason? YES NO N/A
 Comments: _____
26. FSTM Datasets: Check to ensure the 'Response' & 'Initial Result' columns match in both the Excel dataset & LIMS for the FSTM A (in sequence) & B/C (in batch) traps? YES NO N/A
 Comments: _____
27. Is the B trap <5% A Traps YES NO N/A
 Comments: _____
28. Are spiked trap recoveries 75-125% of true value? YES NO N/A
 Comments: _____
29. Have non-reportable samples been imported into LIMS and clicked to non-reportable? YES NO N/A
 Comments: _____
30. Have re-extracts been created for non-reportable samples? YES NO N/A
31. Are there any HIGH QA projects within the data? If so, place data package in QA office before scanning. YES NO N/A
32. Does the data set need scanning? YES NO N/A
33. Does the dataset have an LOQ/LOQ or DOC? YES NO N/A
34. Water samples: has the preservation log been included in dataset for final volume verification? YES NO N/A
35. Water samples-is the final volume correct in the sequence? YES NO N/A
- Files located at: \\Cuprum\gen admin\Quality Assurance\Training Master\DOCs
36. Date of analyst IDOC/CDOC: 11/31/20 IDOC/CDOC within last 12 months? YES NO
37. Date of analyst's SOP reading for method: 12/25/19 Current SOP revision read? YES NO
38. Date of LOD: 1/30/20 LOD within last 3 months? YES NO
39. Date of LOQ: 1/30/20 LOQ within last 3 months? YES NO

Data can not be reported without a current IDOC/CDOC, LOD or LOQ.

Failing Data Report - 0128009

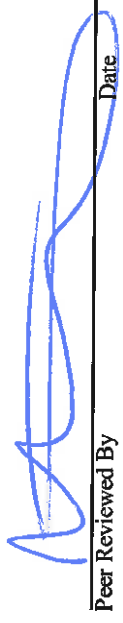
Sample ID Analysis Result MRL Dup Source True Units % Rec. Rec. Rec. RPD RPD Over Cal Failure Qualifier



Analyst Reviewed By

9/28/70

Date



Peer Reviewed By

Date

PREPARATION BENCH SHEET

F009423

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2796 EPA 1631 Oxidation

Prepared: 9/25/2020

Lab Number	Sample ID and Source Sample	Initial (mL)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009423-BLK1	Blank	50	50.5					
F009423-BLK2	Blank	50	50.5					
F009423-BLK3	Blank	50	50.5					
F009423-BLK4	Blank	50	50.5					Added 9/28/2020 by EMB
F009423-BS1	LCS	50	50.5	2002219	25			
F009423-BSD1	LCS Dup	50	50.5	2002219	25			
F009423-MS1	Matrix Spike [0100082-02]	50	50.5	2002219	25			
F009423-MS2	Matrix Spike [0100082-01]	50	50.5	2002219	25			
F009423-MSD1	Matrix Spike Dup [0100082-02]	50	50.5	2002219	25			
F009423-MSD2	Matrix Spike Dup [0100082-01]	50	50.5	2002219	25			

Standard ID(s):
2002219

Description:
THg 10ng/mL Calibration Standard

Expiration:
05-Nov-20 00:00

Reagent ID(s):
2001276
2001977
2001978
2002218

Description:
25% Hydroxylamine-HCl working solution
THg Dilute 1% BrCl
THg 2% BrCl
3% SnCl2 THg reductant

Expiration:
03-Oct-20 00:00
07-Feb-21 00:00
09-Feb-21 00:00

PREPARATION BENCH SHEET

F009423

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2796 EPA 1631 Oxidation

Prepared: 9/25/2020

Lab Number	Sample ID	Initial (mL)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100075-01	OL-3560-01 Total	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-02	OL-3560-02	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-03	OL-3560-03	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-04	OL-3560-04 Total	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-05	OL-3560-05	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-06	OL-3560-06 (Blank)	50	50.5	-	-	S&R	QC Scan all data for level IV report	
0100075-07	OL-3560-01 Dissolved	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-08	OL-3560-04 Dissolved	50	50.5	-	-	S&R	Scan all data for level IV report	
0100075-09	Filter Blank	50	50.5	-	-	S&R	Scan all data for level IV report	
0100080-01	EB-DECONLINER_092220_SED_QC	50	50.5	-	-	i Refriger		
0100080-02	EB-HSBOWLASI_092220_SED_QC	50	50.5	-	-	i Refriger		
0100080-03	EB-HSBOWLWOOD_092220_SED_QC	50	50.5	-	-	i Refriger		
0100080-04	EB-NEWLINER_092220_SED_QC	50	50.5	-	-	i Refriger		
0100082-01	001	50	50.5	-	-	010102		
0100082-02	001 Field Blank	50	50.5	-	-	010102		
0100082-03	002	50	50.5	-	-	010102		
0100082-04	002 Field Blank	50	50.5	-	-	010102		
0082-05	A-149	50	50.5	-	-	010102		
0082-06	A-149 Field Blank	50	50.5	-	-	010102		

PREPARATION BENCH SHEET

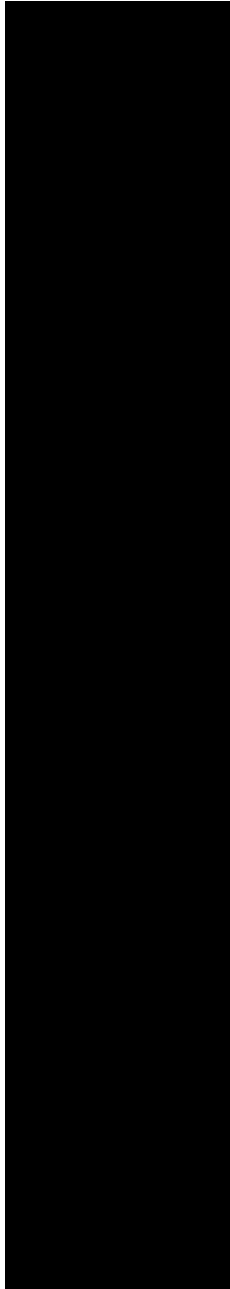
F009423

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2796 EPA 1631 Oxidation

Prepared: 9/25/2020





Analysis Datasheet for Total Mercury

Date of Analysis: September 25, 2020
 Instrument #: Hg2600-3
 LIMS Sequence #:

Analyst:
 Units ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.50 ng/L	150.61 units	301.21	72.99 units	145.99	93.6 %Rec
SEQ-CAL2	1	1.00 ng/L	214.19 units	214.19	136.57 units	136.57	87.5 %Rec
SEQ-CAL3	1	5.00 ng/L	918.91 units	183.78	841.30 units	168.26	107.8 %Rec
SEQ-CAL4	1	20.00 ng/L	3400.43 units	170.02	3322.82 units	166.14	106.5 %Rec
SEQ-CAL5	1	40.00 ng/L	6605.66 units	165.14	6528.05 units	163.20	104.6 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 156.03 Corr. St Dev RF +/- 13.99 Corr. RSD CF 9.0% RSD Uncorr. Mean RF 206.87

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-IBL	4	77.61 units	±14.71	0.38 ng/L	±0.07

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	4	-0.046 ng/L	±0.045
BLK	2	3	0.365 ng/L	±0.305
BLK	3	0	0.000 ng/L	
BLK	4	3	-0.044 ng/L	±1.668
BLK	5	5	9.298 ng/L	±8.669
BLK	6	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analized	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-IBL1	1	9/25/2020 10:17:39	3818-1.RAW	10:17:39 AM	70.19			-7.4	-0.048	-0.048	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2*	1	9/25/2020 10:21:48	3819-1.RAW	10:21:48 AM	98.81	x		21.2	0.136	0.136	ng/L	
Hg2600-3	00	CAL	SEQ-IBL3	1	9/25/2020 10:25:57	3820-1.RAW	10:25:57 AM	75.74			-1.9	-0.012	-0.012	ng/L	
Hg2600-3	00	CAL	SEQ-IBL2	1	9/25/2020 10:30:05	3821-1.RAW	10:30:05 AM	65.71			-11.9	-0.076	-0.076	ng/L	
Hg2600-3	00	CAL	SEQ-CAL1	1	9/25/2020 10:34:15	3822-1.RAW	10:34:15 AM	150.61			136.6	0.468	0.468	ng/L	
Hg2600-3	00	CAL	SEQ-CAL2	1	9/25/2020 10:38:23	3823-1.RAW	10:38:23 AM	214.19			841.3	0.875	0.875	ng/L	
Hg2600-3	00	CAL	SEQ-CAL3	1	9/25/2020 10:42:32	3824-1.RAW	10:42:32 AM	918.91			3322.8	5.392	5.392	ng/L	
Hg2600-3	00	CAL	SEQ-CAL4	1	9/25/2020 10:46:41	3825-1.RAW	10:46:41 AM	3400.43			6528.0	41.838	41.838	ng/L	
Hg2600-3	00	CAL	SEQ-ICV1	1	9/25/2020 10:50:50	3826-1.RAW	10:50:50 AM	6605.66			834.5	5.349	5.349	ng/L	
Hg2600-3	00	CAL	SEQ-ICB1	1	9/25/2020 10:59:09	3828-1.RAW	10:59:09 AM	912.15			804.1	0.081	0.081	ng/L	
Hg2600-3	00	SAM	F009423-B81	1	9/25/2020 11:03:18	3829-1.RAW	11:03:18 AM	881.75	1		804.1	5.199	5.199	ng/L	
Hg2600-3	00	SAM	F009423-BSD1	1	9/25/2020 11:07:27	3830-1.RAW	11:07:27 AM	911.00	1		833.4	5.387	5.387	ng/L	
Hg2600-3	00	BLK	F009423-BLK1	1	9/25/2020 11:11:37	3831-1.RAW	11:11:37 AM	73.02	1		-4.6	-0.029	-0.029	ng/L	
Hg2600-3	00	BLK	F009423-BLK2	1	9/25/2020 11:15:46	3832-1.RAW	11:15:46 AM	64.12	1		-13.5	-0.086	-0.086	ng/L	
Hg2600-3	00	BLK	F009423-BLK3	1	9/25/2020 11:19:55	3833-1.RAW	11:19:55 AM	65.57	1		-12.0	-0.077	-0.077	ng/L	
Hg2600-3	00	BLK	F009423-BLK4	1	9/25/2020 11:24:04	3834-1.RAW	11:24:04 AM	79.31	1		1.7	0.011	0.011	ng/L	
Hg2600-3	00	SAM	0100082-02	1	9/25/2020 11:28:13	3835-1.RAW	11:28:13 AM	83.26	1		5.6	0.082	0.082	ng/L	
Hg2600-3	00	SAM	F009423-MS1	1	9/25/2020 11:32:22	3836-1.RAW	11:32:22 AM	949.25	1		871.6	5.632	5.632	ng/L	
Hg2600-3	00	SAM	F009423-MSD1	1	9/25/2020 11:36:31	3837-1.RAW	11:36:31 AM	913.33	1		835.7	5.402	5.402	ng/L	
Hg2600-3	00	SAM	0100082-01	1	9/25/2020 11:40:41	3838-1.RAW	11:40:41 AM	527.41	1		449.8	2.928	2.928	ng/L	
Hg2600-3	00	CAL	SEQ-CCV1	1	9/25/2020 11:44:50	3839-1.RAW	11:44:50 AM	954.56	1		876.9	5.620	5.620	ng/L	
Hg2600-3	00	CAL	SEQ-CCB1	1	9/25/2020 11:48:59	3840-1.RAW	11:48:59 AM	79.98	1		2.4	0.015	0.015	ng/L	
Hg2600-3	00	SAM	F009423-MS2	1	9/25/2020 11:53:09	3841-1.RAW	11:53:09 AM	1325.59	1		1248.0	8.044	8.044	ng/L	
Hg2600-3	00	SAM	F009423-MSD2	1	9/25/2020 11:57:18	3842-1.RAW	11:57:18 AM	1301.49	1		1223.9	7.889	7.889	ng/L	
Hg2600-3	00	SAM	0100075-01	1	9/25/2020 12:01:28	3843-1.RAW	12:01:28 PM	174.18	1		96.6	0.664	0.664	ng/L	
Hg2600-3	00	SAM	0100075-02	1	9/25/2020 12:05:37	3844-1.RAW	12:05:37 PM	182.35	1		84.7	0.589	0.589	ng/L	
Hg2600-3	00	SAM	0100075-03	1	9/25/2020 12:09:46	3845-1.RAW	12:09:46 PM	201.44	1		123.8	0.839	0.839	ng/L	
Hg2600-3	00	SAM	0100075-04	1	9/25/2020 12:13:55	3846-1.RAW	12:13:55 PM	255.67	1		178.1	1.187	1.187	ng/L	
Hg2600-3	00	SAM	0100075-05	1	9/25/2020 12:18:05	3847-1.RAW	12:18:05 PM	534.61	1		457.0	2.974	2.974	ng/L	
Hg2600-3	00	SAM	0100075-06	1	9/25/2020 12:22:14	3848-1.RAW	12:22:14 PM	127.01	1		49.4	0.362	0.362	ng/L	
Hg2600-3	00	SAM	0100075-07	1	9/25/2020 12:26:24	3849-1.RAW	12:26:24 PM	122.13	1		44.5	0.331	0.331	ng/L	
Hg2600-3	00	SAM	0100075-08	1	9/25/2020 12:30:33	3850-1.RAW	12:30:33 PM	577.10	1		499.5	3.247	3.247	ng/L	
Hg2600-3	00	CAL	SEQ-CCV2	1	9/25/2020 12:34:43	3851-1.RAW	12:34:43 PM	922.31	1		844.7	5.414	5.414	ng/L	
Hg2600-3	00	CAL	SEQ-CCB2	1	9/25/2020 12:38:52	3852-1.RAW	12:38:52 PM	77.03	1		-0.6	-0.004	-0.004	ng/L	
Hg2600-3	00	SAM	0100080-01	1	9/25/2020 12:43:02	3853-1.RAW	12:43:02 PM	66.60	1		-11.0	-0.025	-0.025	ng/L	
Hg2600-3	00	SAM	0100080-02	1	9/25/2020 12:47:11	3854-1.RAW	12:47:11 PM	70.56	1		-7.1	0.000	0.000	ng/L	
Hg2600-3	00	SAM	0100080-03	1	9/25/2020 12:51:21	3855-1.RAW	12:51:21 PM	85.10	1		7.5	0.094	0.094	ng/L	
Hg2600-3	00	SAM	0100080-04	1	9/25/2020 12:55:30	3856-1.RAW	12:55:30 PM	77.36	1		-0.3	0.044	0.044	ng/L	
Hg2600-3	00	SAM	0100082-03	1	9/25/2020 13:03:49	3857-1.RAW	12:59:40 PM	83.35	1		-14.3	-0.046	-0.046	ng/L	
Hg2600-3	00	SAM	0100082-04	1	9/25/2020 13:07:59	3858-1.RAW	1:03:49 PM	797.78	1		720.2	4.661	4.661	ng/L	
Hg2600-3	00	SAM	0100082-05	1	9/25/2020 13:12:09	3860-1.RAW	1:07:59 PM	89.03	1		11.4	0.119	0.119	ng/L	
Hg2600-3	00	SAM	0100082-06	10	9/25/2020 13:16:18	3861-1.RAW	1:16:18 PM	104.31	1		288.3	1.853	1.853	ng/L	
Hg2600-3	00	BLK	F009398-BLK1	1	9/25/2020 13:20:28	3862-1.RAW	1:20:28 PM	85.30	2		26.7	0.217	0.217	ng/L	
Hg2600-3	00	CAL	SEQ-CCB3	1	9/25/2020 13:24:38	3863-1.RAW	1:24:38 PM	929.95	2		852.3	5.463	5.463	ng/L	
Hg2600-3	00	BLK	F009398-BLK2	1	9/25/2020 13:28:47	3864-1.RAW	1:28:47 PM	77.40	2		-0.2	0.016	0.016	ng/L	
Hg2600-3	00	BLK	F009398-BLK3	1	9/25/2020 13:32:57	3865-1.RAW	1:32:57 PM	77.87	2		9.1	0.058	0.058	ng/L	
Hg2600-3	00	SAM	0100044-01	10000	9/25/2020 13:37:07	3866-1.RAW	1:37:07 PM	86.74	2		941.7	6.035	6.035	ng/L	
Hg2600-3	00	SAM	0100044-02	10000	9/25/2020 13:41:17	3867-1.RAW	1:41:16 PM	1019.29	2		424.9	2.723	2.723	ng/L	
Hg2600-3	00	SAM	0100044-03	10000	9/25/2020 13:45:27	3868-1.RAW	1:45:27 PM	502.47	2		360.0	2.307	2.307	ng/L	
Hg2600-3	00	SAM	0100044-04	10000	9/25/2020 13:49:37	3869-1.RAW	1:49:37 PM	437.62	2		315.2	2.020	2.020	ng/L	
Hg2600-3	00	SAM	0100044-10	10000	9/25/2020 13:53:46	3870-1.RAW	1:53:46 PM	392.83	2		486.2	3.116	3.116	ng/L	
Hg2600-3	00	SAM	0100044-13	10000	9/25/2020 13:57:56	3871-1.RAW	1:57:56 PM	583.78	2		436.1	2.795	2.795	ng/L	
Hg2600-3	00	SAM	0100044-16	10000	9/25/2020 14:02:06	3872-1.RAW	2:02:06 PM	513.73	2		486.6	3.119	3.119	ng/L	
Hg2600-3	00	SAM	0100044-19	10000	9/25/2020 14:06:16	3873-1.RAW	2:06:16 PM	584.23	2		441.4	2.829	2.829	ng/L	
Hg2600-3	00	SAM	0100044-22	10000	9/25/2020 14:10:26	3874-1.RAW	2:10:26 PM	519.01	2		2828.8	48.487	48.487	ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	RunEnd	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2600-3	00	CAL	SEQ-CCV4	1	9/25/2020 14:14:35	3875-1.RAW	2:14:35 PM	937.98			860.4	5.514	5.514	ng/L	
Hg2600-3	00	CAL	SEQ-CCB4	1	9/25/2020 14:18:45	3876-1.RAW	2:18:45 PM	77.50			-0.1	-0.001	-0.001	ng/L	
Hg2600-3	00	SAM	0100044-25	10000	9/25/2020 14:22:55	3877-1.RAW	2:22:55 PM	509.70	2		432.1	27691.667	27691.667	ng/L	
Hg2600-3	00	SAM	0100044-28	10000	9/25/2020 14:27:05	3878-1.RAW	2:27:05 PM	489.89	2		1196.3	24499.566	24499.566	ng/L	
Hg2600-3	00	SAM	0100044-31	20000	9/25/2020 14:31:14	3879-1.RAW	2:31:14 PM	2579.91	2		2502.3	76670.418	76670.418	ng/L	
Hg2600-3	00	SAM	0100044-32	10000	9/25/2020 14:35:24	3880-1.RAW	2:35:24 PM	1341.83	2		1264.2	3207405.948	3207405.948	ng/L	
Hg2600-3	00	SAM	0100044-33	10000	9/25/2020 14:39:34	3881-1.RAW	2:39:34 PM	924.84	3		1277.1	810226.431	810226.431	ng/L	
Hg2600-3	00	SAM	0100041-01RE1	1000	9/25/2020 14:43:43	3882-1.RAW	2:43:43 PM	1354.73	3		132.4	8.185	8194.956	ng/L	
Hg2600-3	00	SAM	0100063-01RE1	20	9/25/2020 14:47:53	3883-1.RAW	2:47:53 PM	210.01	3		269.6	16.971	16.971	ng/L	
Hg2600-3	00	SAM	0100063-01RE1	20	9/25/2020 14:52:03	3884-1.RAW	2:52:03 PM	347.17	3		342.8	34.551	34.551	ng/L	
Hg2600-3	00	SAM	0100063-02RE1	20	9/25/2020 14:56:13	3885-1.RAW	2:56:13 PM	342.8	3		2197	43.943	43.943	ng/L	
Hg2600-3	00	SAM	0100063-03RE1	20	9/25/2020 15:00:22	3886-1.RAW	3:00:22 PM	391.18	3		313.6	40.193	40.193	ng/L	
Hg2600-3	00	CAL	SEQ-CCV5	1	9/25/2020 15:04:32	3887-1.RAW	3:04:32 PM	924.84			847.2	5.430	5.430	ng/L	
Hg2600-3	00	CAL	SEQ-CCB5	1	9/25/2020 15:08:43	3888-1.RAW	3:08:43 PM	79.33			1.7	0.011	0.011	ng/L	
Hg2600-3	00	SAM	0100063-04RE1	20	9/25/2020 15:12:53	3889-1.RAW	3:12:53 PM	316.90	3		239.3	30.671	30.671	ng/L	
Hg2600-3	00	BLK	F009397-BLK1	10	9/25/2020 15:17:03	3890-1.RAW	3:17:03 PM	61.49	4		-16.1	-1.033	-1.033	ng/L	
Hg2600-3	00	BLK	F009397-BLK2	10	9/25/2020 15:21:13	3891-1.RAW	3:21:13 PM	62.31	4		-15.3	-0.981	-0.981	ng/L	
Hg2600-3	00	BLK	F009397-BLK3	10	9/25/2020 15:25:23	3892-1.RAW	3:25:23 PM	106.98	4		29.4	1.882	1.882	ng/L	
Hg2600-3	00	SAM	0100044-01	10000	9/25/2020 15:29:33	3893-1.RAW	3:29:33 PM	546.17	4		468.6	30029.231	30029.231	ng/L	
Hg2600-3	00	SAM	0100044-04	10000	9/25/2020 15:33:43	3894-1.RAW	3:33:43 PM	478.83	4		323.0	20701.044	20701.044	ng/L	
Hg2600-3	00	SAM	0100044-07	10000	9/25/2020 15:37:53	3895-1.RAW	3:37:53 PM	380.55	4		401.2	25713.786	25713.786	ng/L	
Hg2600-3	00	SAM	0100044-10	10000	9/25/2020 15:42:03	3896-1.RAW	3:42:03 PM	400.62	4		302.9	19414.909	19414.909	ng/L	
Hg2600-3	00	SAM	0100044-13	10000	9/25/2020 15:46:14	3897-1.RAW	3:46:14 PM	518.28	4		440.7	28241.907	28241.907	ng/L	
Hg2600-3	00	CAL	SEQ-CCV6	1	9/25/2020 15:50:24	3898-1.RAW	3:50:24 PM	658.65			581.0	3.724	3.724	ng/L	
Hg2600-3	00	CAL	SEQ-CCB6	1	9/25/2020 15:54:34	3899-1.RAW	3:54:34 PM	883.52			805.9	5.165	5.165	ng/L	
Hg2600-3	00	SAM	0100044-19	10000	9/25/2020 15:58:43	3900-1.RAW	3:58:43 PM	66.36			-11.3	-0.072	-0.072	ng/L	
Hg2600-3	00	SAM	0100044-22	10000	9/25/2020 16:02:53	3901-1.RAW	4:02:53 PM	607.43	4		529.8	33955.609	33955.609	ng/L	
Hg2600-3	00	SAM	0100044-25	10000	9/25/2020 16:07:03	3902-1.RAW	4:07:03 PM	596.80	4		519.2	33274.584	33274.584	ng/L	
Hg2600-3	00	SAM	0100044-28	10000	9/25/2020 16:11:13	3903-1.RAW	4:11:13 PM	909.43	4		1076.5	53310.557	53310.557	ng/L	
Hg2600-3	00	SAM	0100044-31	10000	9/25/2020 16:15:23	3904-1.RAW	4:15:23 PM	1154.16	4		165.2	68995.211	68995.211	ng/L	
Hg2600-3	00	SAM	0100044-32	20000	9/25/2020 16:19:33	3905-1.RAW	4:19:33 PM	242.79	4		4054.1	105859.984	105859.984	ng/L	
Hg2600-3	00	CAL	SEQ-CCV7	1	9/25/2020 16:23:44	3906-1.RAW	4:23:44 PM	4131.73			4054.1	25.983	5196510.364	ng/L	
Hg2600-3	00	CAL	SEQ-CCB7	1	9/25/2020 16:27:56	3907-1.RAW	4:27:56 PM	909.31			831.7	5.330	5.330	ng/L	
Hg2600-3	00	BLK	F009398-BLK1	20	9/25/2020 16:32:06	3908-1.RAW	4:32:06 PM	471.96	5		394.3	2.527	2.527	ng/L	
Hg2600-3	00	BLK	F009398-BLK2	20	9/25/2020 16:36:16	3909-1.RAW	4:36:16 PM	239.14	5		161.5	20.704	20.704	ng/L	
Hg2600-3	00	CAL	SEQ-CCV8	1	9/25/2020 16:40:29	3910-1.RAW	4:40:29 PM	100.31			22.7	2.910	2.910	ng/L	
Hg2600-3	00	CAL	SEQ-CCB8	1	9/25/2020 16:44:40	3911-1.RAW	4:44:40 PM	886.09			808.5	5.181	5.181	ng/L	
Hg2600-3	00	BLK	F009398-BLK3	20	9/25/2020 16:48:50	3912-1.RAW	4:48:50 PM	75.31			-2.3	-0.015	-0.015	ng/L	
Hg2600-3	00	SAM	0100044-33	10000	9/25/2020 16:53:00	3913-1.RAW	4:53:00 PM	97.71	5		20.1	2.576	2.576	ng/L	
Hg2600-3	00	SAM	0100044-01	10000	9/25/2020 16:57:10	3914-1.RAW	4:57:10 PM	2104.29	5		2026.7	1298875.712	1298875.712	ng/L	
Hg2600-3	00	SAM	0100044-04	10000	9/25/2020 17:01:20	3915-1.RAW	5:01:20 PM	287.57	5		210.0	13446.785	13446.785	ng/L	
Hg2600-3	00	SAM	0100044-07	10000	9/25/2020 17:05:32	3916-1.RAW	5:05:32 PM	238.14	5		160.5	10278.448	10278.448	ng/L	
Hg2600-3	00	SAM	0100044-10	10000	9/25/2020 17:09:44	3917-1.RAW	5:09:44 PM	453.34	5		375.7	24070.472	24070.472	ng/L	
Hg2600-3	00	SAM	0100044-13	10000	9/25/2020 17:13:54	3918-1.RAW	5:13:54 PM	327.02	5		249.4	15975.139	15975.139	ng/L	
Hg2600-3	00	SAM	0100044-16	10000	9/25/2020 17:18:05	3919-1.RAW	5:18:05 PM	306.90	5		229.3	14685.613	14685.613	ng/L	
Hg2600-3	00	CAL	SEQ-CCV9	1	9/25/2020 17:22:15	3920-1.RAW	5:22:15 PM	279.55			201.9	1.293	1.293	ng/L	
Hg2600-3	00	CAL	SEQ-CCB9	1	9/25/2020 17:26:25	3921-1.RAW	5:26:25 PM	924.92			847.3	5.430	5.430	ng/L	
Hg2600-3	00	SAM	0100044-19	10000	9/25/2020 17:30:36	3922-1.RAW	5:30:36 PM	85.55			7.9	0.051	0.051	ng/L	
Hg2600-3	00	SAM	0100044-22	10000	9/25/2020 17:34:46	3923-1.RAW	5:34:46 PM	248.56	5		170.9	10946.324	10946.324	ng/L	
Hg2600-3	00	SAM	0100044-25	10000	9/25/2020 17:38:56	3924-1.RAW	5:38:56 PM	260.85	5		183.2	11734.298	11734.298	ng/L	
Hg2600-3	00	SAM	0100044-28	10000	9/25/2020 17:43:07	3925-1.RAW	5:43:07 PM	333.07	5		255.5	16362.588	16362.588	ng/L	
Hg2600-3	00	SAM	0100044-31	10000	9/25/2020 17:47:17	3926-1.RAW	5:47:17 PM	292.76	5		215.1	13779.162	13779.162	ng/L	
Hg2600-3	00	SAM	0100044-32	20000	9/25/2020 17:51:27	3927-1.RAW	5:51:27 PM	257.45	5		179.8	115243.814	115243.814	ng/L	
Hg2600-3	00	SAM	0100044-33	10000	9/25/2020 17:55:38	3928-1.RAW	5:55:38 PM	102.55	5		24.9	0.160	0.160	ng/L	
Hg2600-3	00	BLK	F009398-BLK4	20	9/25/2020 17:59:48	3929-1.RAW	5:59:48 PM	89.30	5		11.7	0.075	0.075	ng/L	
Hg2600-3	00	BLK	F009398-BLK5	20	9/25/2020 18:03:58	3930-1.RAW	6:03:58 PM	207.09	5		129.5	16.596	16.596	ng/L	
Hg2600-3	00	CAL	SEQ-CCV4	1	9/25/2020 18:08:09	3931-1.RAW	6:08:09 PM	106.53			28.9	3.706	3.706	ng/L	
Hg2600-3	00	CAL	SEQ-CCB4	1	9/25/2020 18:12:19	3932-1.RAW	6:12:19 PM	904.87			87.3	5.302	5.302	ng/L	
Hg2600-3	00	CAL	SEQ-CCB4	1	9/25/2020 18:16:29	3933-1.RAW	6:16:29 PM	85.95			8.3	0.053	0.053	ng/L	

Total Mercury EPA1631 Operate EMB Blank# 70.549 Calib Eqn: Conc = (Area-70.54 Run Date: 9/25/2020 Blank SD: 5.02596005
 Method THg2600 CalibFa 160.66 Status: QC Warnings:6/QC E Run Time: 9:58:13 Blank RSD%: 7.124118483
 Method #### R: 0.9999 R²: 0.9999 CF SD: 10.15734144
 Descrip THg26003-200925-1 CF RSD%: 6.322267376

Sample/ID	Location	Rinse	Dilute	Blank	Conc (ppt)	MB%	Final Conc	Rec%	QA	RawData	RunEnd	Peak (Raw)	Control (ref)	Flags	RunCount	Comment
Clean				0.00	6.58					3814-1.RAW	10:01:05	1057.62	Clean	OK	1	
WS				70.55	0.00					3815-1.RAW	10:05:14	47.05	Sample	OK	1	
WS				70.55	0.00					3816-1.RAW	10:09:22	37.77	Sample	OK	1	
WS				70.55	0.00					3817-1.RAW	10:13:31	31.73	Sample	OK	1	
SEQ-IBL1	A1			1	0.00	0.44				3818-1.RAW	10:17:39	70.19	Sample	OK	1	
SEQ-IBL2*	A2			1	70.55	0.18				3819-1.RAW	10:21:48	98.81	Sample	OK	1	
SEQ-IBL3	A3			1	0.00	0.47				3820-1.RAW	10:25:57	75.74	Sample	OK	1	
SEQ-IBL2	A11			1	0.00	0.41				3821-1.RAW	10:30:05	65.71	Sample	OK	1	
SEQ-CAL1	A4			1	70.55	0.50		99.66		3822-1.RAW	10:34:15	150.61	Sample	OK	1	
SEQ-CAL2	A5			1	70.55	0.89		89.41		3823-1.RAW	10:38:23	214.19	Sample	OK	1	
SEQ-CAL3	A6			1	70.55	5.28		105.61		3824-1.RAW	10:42:32	918.91	Sample	OK	1	
SEQ-CAL4	A7			1	70.55	20.73		103.63		3825-1.RAW	10:46:41	3400.43	Sample	OK	1	
SEQ-CAL5	A8			1	70.55	40.68		101.69		3826-1.RAW	10:50:50	6605.68	Sample	OK	1	
SEQ-ICV1	A9			1	70.55	5.24		104.77		3827-1.RAW	10:55:00	912.15	Sample	OK	1	
SEQ-ICB1	A10			1	70.55	0.12		0.00		3828-1.RAW	10:59:09	90.21	Sample	OK	1	
F009423-BS1	A12			1	70.55	5.05				3829-1.RAW	11:03:18	881.75	Sample	OK	1	F009423
F009423-BSD1	A13			1	70.55	5.23				3830-1.RAW	11:07:27	911.00	Sample	OK	1	F009423
F009423-BLK1	A14			1	70.55	0.02				3831-1.RAW	11:11:37	73.02	Sample	OK	1	F009423
F009423-BLK2	A15			1	70.55	0.00				3832-1.RAW	11:15:46	64.12	Sample	OK	1	F009423
F009423-BLK3	A16			1	70.55	0.00				3833-1.RAW	11:19:55	65.57	Sample	OK	1	F009423
F009423-BLK4	A17			1	70.55	0.05				3834-1.RAW	11:24:04	79.31	Sample	OK	1	F009423
0100082-02	A18			1	70.55	0.08				3835-1.RAW	11:28:13	83.26	Sample	OK	1	F009423
F009423-MS1	A19			1	70.55	5.47		506.85		3836-1.RAW	11:32:22	949.25	Sample	OK	1	F009423
F009423-MSD1	A20			1	70.55	5.25				3837-1.RAW	11:36:31	913.33	Sample	OK	1	F009423
0100082-01	A21			1	70.55	2.84				3838-1.RAW	11:40:41	527.41	Sample	OK	1	F009423
SEQ-CCV1	B1			1	70.55	5.50		110.05		3839-1.RAW	11:44:50	954.56	Sample	OK	1	
SEQ-CCB1	B2			1	70.55	0.06		0.00		3840-1.RAW	11:48:59	79.98	Sample	OK	1	
F009423-MS2	B3			1	70.55	7.81		379.45		3841-1.RAW	11:53:09	1325.59	Sample	OK	1	F009423
F009423-MSD2	B4			1	70.55	7.66				3842-1.RAW	11:57:18	1301.49	Sample	OK	1	F009423
0100075-01	B5			1	70.55	0.65				3843-1.RAW	12:01:28	174.18	Sample	OK	1	F009423
0100075-02	B6			1	70.55	0.57				3844-1.RAW	12:05:37	162.35	Sample	OK	1	F009423
0100075-03	B7			1	70.55	0.81				3845-1.RAW	12:09:46	201.44	Sample	OK	1	F009423
0100075-04	B8			1	70.55	1.15				3846-1.RAW	12:13:56	255.87	Sample	OK	1	F009423
0100075-05	B9			1	70.55	2.89				3847-1.RAW	12:18:05	534.61	Sample	OK	1	F009423
0100075-06	B10			1	70.55	0.36				3848-1.RAW	12:22:14	127.01	Sample	OK	1	F009423
0100075-07	B11			1	70.55	0.32				3849-1.RAW	12:26:24	122.13	Sample	OK	1	F009423
0100075-08	B12			1	70.55	3.15				3850-1.RAW	12:30:33	577.10	Sample	OK	1	F009423
SEQ-CCV2	B13			1	70.55	5.30		106.03		3851-1.RAW	12:34:43	922.31	Sample	OK	1	
SEQ-CCB2	B14			1	70.55	0.04		0.00		3852-1.RAW	12:38:52	77.03	Sample	OK	1	
0100075-09	B15			1	70.55	0.00				3853-1.RAW	12:43:02	66.60	Sample	OK	1	F009423
0100080-01	B16			1	70.55	0.00				3854-1.RAW	12:47:11	70.56	Sample	OK	1	F009423
0100080-02	B17			1	70.55	0.09				3855-1.RAW	12:51:21	85.10	Sample	OK	1	F009423
0100080-03	B18			1	70.55	0.04				3856-1.RAW	12:55:30	77.36	Sample	OK	1	F009423
0100080-04	B19			1	70.55	0.00				3857-1.RAW	12:59:40	63.35	Sample	OK	1	F009423
0100082-03	B20			1	70.55	4.53				3858-1.RAW	13:03:49	797.78	Sample	OK	1	F009423
0100082-04	B21			1	70.55	0.12				3859-1.RAW	13:07:59	89.03	Sample	OK	1	F009423
0100082-05	C1			10	70.55	18.39				3860-1.RAW	13:12:09	365.95	Sample	OK	1	F009423
0100082-06	C2			1	70.55	0.21				3861-1.RAW	13:16:18	104.31	Sample	OK	1	F009423
F009396-BLK1	C3			10	70.55	0.92				3862-1.RAW	13:20:28	85.30	Sample	OK	1	F009396
SEQ-CCV3	C4			1	70.55	5.35		106.98		3863-1.RAW	13:24:38	929.95	Sample	OK	1	
SEQ-CCB3	C5			1	70.55	0.04		0.00		3864-1.RAW	13:28:47	77.40	Sample	OK	1	
F009396-BLK2	C6			10	70.55	0.46				3865-1.RAW	13:32:57	77.87	Sample	OK	1	F009396
F009396-BLK3	C7			10	70.55	1.01				3866-1.RAW	13:37:07	86.74	Sample	OK	1	F009396
0100044-01	C8			10000	70.55	59053.06				3867-1.RAW	13:41:16	1019.29	Sample	OK	1	F009396
0100044-04	C9			10000	70.55	26863.93				3868-1.RAW	13:45:27	502.47	Sample	OK	1	F009396
0100044-07	C10			10000	70.55	22848.02				3869-1.RAW	13:49:37	437.62	Sample	OK	1	F009396
0100044-10	C11			10000	70.55	20059.75				3870-1.RAW	13:53:46	392.83	Sample	OK	1	F009396
0100044-13	C12			10000	70.55	30700.40				3871-1.RAW	13:57:56	563.78	Sample	OK	1	F009396
0100044-16	C13			10000	70.55	27585.11				3872-1.RAW	14:02:06	513.73	Sample	OK	1	F009396
0100044-19	C14			10000	70.55	30728.39				3873-1.RAW	14:06:16	564.23	Sample	OK	1	F009396
0100044-22	C15			10000	70.55	27913.78				3874-1.RAW	14:10:26	519.01	Sample	OK	1	F009396
SEQ-CCV4	C16			1	70.55	5.40		107.98		3875-1.RAW	14:14:35	937.98	Sample	OK	1	
SEQ-CCB4	C17			1	70.55	0.04		0.00		3876-1.RAW	14:18:45	77.50	Sample	OK	1	
0100044-25	C18			10000	70.55	27334.15				3877-1.RAW	14:22:55	509.70	Sample	OK	1	F009396
0100044-28	C19			10000	70.55	24233.99				3878-1.RAW	14:27:05	459.89	Sample	OK	1	F009396
0100044-31	C20			100000	70.55	749014.52				3879-1.RAW	14:31:14	1273.91	Sample	OK	1	F009396
0100044-32	C21			200000	70.55	3123816.35				3880-1.RAW	14:35:24	2579.91	Sample	OK	1	F009396
0100044-33	A1			100000	70.55	791286.82				3881-1.RAW	14:39:34	1341.83	Sample	OK	1	F009396
0100041-01RE1	A2			1000	70.55	7993.17				3882-1.RAW	14:43:43	1354.73	Sample	OK	1	F009407
0100054-01RE1	A3			20	70.55	17.36				3883-1.RAW	14:47:53	210.01	Sample	OK	1	F009407
0100063-01RE1	A4			20	70.55	34.44				3884-1.RAW	14:52:03	347.17	Sample	OK	1	F009407
0100063-02RE1	A5			20	70.55	43.56				3885-1.RAW	14:56:13	420.44	Sample	OK	1	F009407
0100063-03RE1	A6			20	70.55	39.91				3886-1.RAW	15:00:22	391.18	Sample	OK	1	F009407
SEQ-CCV5	A7			1	70.55	5.32		106.35		3887-1.RAW	15:04:32	924.84	Sample	OK	1	
SEQ-CCB5	A8			1	70.55	0.05		0.00		3888-1.RAW	15:08:43	79.33	Sample	OK	1	
0100063-04RE1	A9			20	70.55	30.67				3889-1.RAW	15:12:53	316.90	Sample	OK	1	F009407
F009397-BLK1	A10			10	70.55	0.00				3890-1.RAW	15:17:03	61.49	Sample	OK	1	F009397
F009397-BLK2	A11			10	70.55	0.00				3891-1.RAW	15:21:13	62.31	Sample	OK	1	F009397
F009397-BLK3	A12			10	70.55	2.27				3892-1.RAW	15:25:23	106.98	Sample	OK	1	F009397
0100044-01	A13			10000	70.55	29603.99				3893-1.RAW	15:29:33	546.17	Sample	OK	1	F009397
0100044-04	A14			10000	70.55	20544.49				3894-1.RAW	15:33:43	400.62	Sample	OK	1	F009397
0100044-07	A15			10000	70.55	25412.84				3895-1.RAW	15:37:53	478.83	Sample	OK	1	F009397
0100044-10	A16			10000	70.55	19295.39				3896-1.RAW	15:42:03	380.55	Sample	OK	1	F009397
0100044-13	A17			10000	70.55	27868.15				3897-1.RAW	15:46:14	518.28	Sample	OK	1	F009397
0100044-16	A18			10000	70.55	36605.29				3898-1.RAW	15:50:24	658.65	Sample	OK	1	F009397
SEQ-CCV6	A19			1	70.55	5.06		101.20		3899-1.RAW	15:54:34	883.52	Sample	OK	1	
SEQ-CCB6	A20			1	70.55	0.00		0.00		3900-1.RAW	15:58:43	66.36	Sample	OK	1	
0100044-19	A21			10000	70.55	33417.27										

0100044-32	B5	200000	70.55	5055626.94		3906-1.RAW	16:23:44	4131.73	Sample	OK	1	F009397
SEQ-CCV7	B7	1	70.55	5.22	104.41	3907-1.RAW	16:27:56	909.31	Sample	OK	1	
SEQ-CCB7	B8	1	70.55	2.50	0.00	3908-1.RAW	16:32:06	471.96	Sample	OK	1	
F009398-BLK1	B9	20	70.55	20.99		3909-1.RAW	16:36:18	239.14	Sample	OK	1	SA
F009398-BLK2	B10	20	70.55	3.71		3910-1.RAW	16:40:29	100.31	Sample	OK	1	SA
SEQ-CCV8	C8	1	70.55	5.08	101.52	3911-1.RAW	16:44:40	886.09	Sample	OK	1	SA
SEQ-CCB8	C9	1	70.55	0.09	0.00	3912-1.RAW	16:48:50	75.31	Sample	OK	1	SA
F009398-BLK3	B11	20	70.55	3.38		3913-1.RAW	16:53:00	97.71	Sample	OK	1	F009398
0100044-33	B6	100000	70.55	1265869.80		3914-1.RAW	16:57:10	2104.29	Sample	OK	1	F009397
0100044-01	B12	10000	70.55	13508.25		3915-1.RAW	17:01:20	287.57	Sample	OK	1	F009398
0100044-04	B13	10000	70.55	10431.17		3916-1.RAW	17:05:32	238.14	Sample	OK	1	F009398
0100044-07	B14	10000	70.55	23825.94		3917-1.RAW	17:09:44	453.34	Sample	OK	1	F009398
0100044-10	B15	10000	70.55	15963.78		3918-1.RAW	17:13:54	327.02	Sample	OK	1	F009398
0100044-13	B16	10000	70.55	14711.40		3919-1.RAW	17:18:05	306.80	Sample	OK	1	F009398
0100044-16	B17	10000	70.55	13008.69		3920-1.RAW	17:22:15	279.55	Sample	OK	1	F009398
SEQ-CCV9	B18	1	70.55	5.32	106.36	3921-1.RAW	17:26:25	924.92	Sample	OK	1	
SEQ-CCB9	B19	1	70.55	0.09	0.00	3922-1.RAW	17:30:36	85.55	Sample	OK	1	
0100044-19	B20	10000	70.55	11079.81		3923-1.RAW	17:34:46	248.56	Sample	OK	1	F009398
0100044-22	B21	10000	70.55	11845.09		3924-1.RAW	17:38:56	260.85	Sample	OK	1	F009398
0100044-25	C1	10000	70.55	16340.07		3925-1.RAW	17:43:07	333.07	Sample	OK	1	F009398
0100044-28	C2	10000	70.55	13831.05		3926-1.RAW	17:47:17	292.76	Sample	OK	1	F009398
0100044-31	C3	100000	70.55	116330.91		3927-1.RAW	17:51:27	257.45	Sample	OK	1	F009398
0100044-32	C4	200000	70.55	39831.67		3928-1.RAW	17:55:38	102.55	Sample	OK	1	F009398
0100044-33	C5	100000	70.55	11670.35		3929-1.RAW	17:59:48	89.30	Sample	OK	1	F009398
F009398-BLK4	C6	20	70.55	17.00		3930-1.RAW	18:03:58	207.09	Sample	OK	1	F009398
F009398-BLK5	C7	20	70.55	4.48		3931-1.RAW	18:08:09	106.53	Sample	OK	1	F009398
SEQ-CCVA	C10	1	70.55	5.19		3932-1.RAW	18:12:19	904.87	Sample	OK	1	
SEQ-CCBA	C11	1	70.55	0.10		3933-1.RAW	18:16:29	85.95	Sample	OK	1	

SEQ-HBL1	A1	0100075-06	B10	0100044-28	C19		
SEQ-HBL2*	A2	0100075-07	B11	0100044-31	C20		
SEQ-HBL3	A3	0100075-08	B12	0100044-32	C21		
SEQ-HBL2	A11	SEQ-CCV2	B13	0100044-33	A1		
SEQ-CAL1	A4	SEQ-CCB2	B14	0100041-01RE1	A2	SEQ-CCB7	B8
SEQ-CAL2	A5	0100075-09	B15	0100054-01RE1	A3	F009398-BLK1	B9
SEQ-CAL3	A6	0100080-01	B16	0100063-01RE1	A4	F009398-BLK2	B10
SEQ-CAL4	A7	0100080-02	B17	0100063-02RE1	A5	SEQ-CCV8	C8
SEQ-CAL5	A8	0100080-03	B18	0100063-03RE1	A6	SEQ-CCB8	C9
SEQ-ICV1	A9	0100080-04	B19	SEQ-CCV5	A7	F009398-BLK3	B11
SEQ-ICB1	A10	0100082-03	B20	SEQ-CCB5	A8	0100044-33	B6
F009423-BS1	A12	0100082-04	B21	0100063-04RE1	A9	0100044-01	B12
F009423-BSD1	A13	0100082-05	C1	F009397-BLK1	A10	0100044-04	B13
F009423-BLK1	A14	0100082-06	C2	F009397-BLK2	A11	0100044-07	B14
F009423-BLK2	A15	F009396-BLK1	C3	F009397-BLK3	A12	0100044-10	B15
F009423-BLK3	A16	SEQ-CCV3	C4	0100044-01	A13	0100044-13	B16
F009423-BLK4	A17	SEQ-CCB3	C5	0100044-04	A14	0100044-16	B17
0100082-02	A18	F009396-BLK2	C6	0100044-07	A15	SEQ-CCV9	B18
F009423-MS1	A19	F009396-BLK3	C7	0100044-10	A16	SEQ-CCB9	B19
F009423-MSD1	A20	0100044-01	C8	0100044-13	A17	0100044-19	B20
0100082-01	A21	0100044-04	C9	0100044-16	A18	0100044-22	B21
SEQ-CCV1	B1	0100044-07	C10	SEQ-CCV6	A19	0100044-25	C1
SEQ-CCB1	B2	0100044-10	C11	SEQ-CCB6	A20	0100044-28	C2
F009423-MS2	B3	0100044-13	C12	0100044-19	A21	0100044-31	C3
F009423-MSD2	B4	0100044-16	C13	0100044-22	B1	0100044-32	C4
0100075-01	B5	0100044-19	C14	0100044-25	B2	0100044-33	C5
0100075-02	B6	0100044-22	C15	0100044-28	B3	F009398-BLK4	C6
0100075-03	B7	SEQ-CCV4	C16	0100044-31	B4	F009398-BLK5	C7
0100075-04	B8	SEQ-CCB4	C17	0100044-32	B5	SEQ-CCVA	C10
0100075-05	B9	0100044-25	C18	SEQ-CCV7	B7	SEQ-CCBA	C11

VERIFIED BY: MFS 9/28/20

OJ05019
OJ05021
Attached

ANALYSIS SEQUENCE

OJ05021



QUALITY ASSURANCE

PEER - REVIEWED

INITIALS: PCS Analyzed: 10/1/2020

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
OJ05021-IBL1	QC	1			
OJ05021-CAL1	QC	2	2002026		
OJ05021-CAL2	QC	3	2002027		
OJ05021-CAL3	QC	4	2002028		
OJ05021-CAL4	QC	5	2002029		
OJ05021-CAL5	QC	6	2002030		
OJ05021-ICV1	QC	7	2001845		
OJ05021-ICB1	QC	8			
OJ05021-CCV1	QC	9	2001845		
OJ05021-CCB1	QC	10			
OJ05021-CCV2	QC	11	2001845		
OJ05021-CCB2	QC	12			
OJ05021-CCV3	QC	13	2001845		
OJ05021-CCB3	QC	14			
OJ05021-CCV4	QC	15	2001845		
OJ05021-CCB4	QC	16			
OJ05021-CCV5	QC	17	2001845		
OJ05021-CCB5	QC	18			
OJ05021-CCV6	QC	19	2001845		
OJ05021-CCB6	QC	20			
OJ05021-CCV7	QC	21	2001845		
OJ05021-CCB7	QC	22			
OJ05021-CCV8	QC	23	2001845		
OJ05021-CCB8	QC	24			
OJ05021-CCV9	QC	25	2001845		
OJ05021-CCB9	QC	26			
OJ05021-CCVA	QC	27	2001845		
OJ05021-CCBA	QC	28			
OJ05021-CCVB	QC	29	2001845		
OJ05021-CCBB	QC	30			
OJ05021-CCVC	QC	31	2001845		
OJ05021-CCBC	QC	32			
OJ05021-CCVD	QC	33	2001845		
OJ05021-CCBD	QC	34			
F009389-BS1	QC	35			
F009389-BSD1	QC	36			

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Analyzed: 10/1/2021

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
F009443-BS1	QC	37			
F009443-BSD1	QC	38			
F009389-BLK1	QC	39			
F009389-BLK2	QC	40			
F009389-BLK3	QC	41			
F009443-BLK1	QC	42			
F009443-BLK2	QC	43			
F009443-BLK3	QC	44			
0J05021-CCVE	QC	45	2001845		
0J05021-CCBE	QC	46			
0I00043-21	MHg-CVAFS-W-Dist	47			
F009389-MS1	QC	48			
F009389-MSD1	QC	49			
0I00043-22	MHg-CVAFS-W-Dist	50			
F009389-MS2	QC	51			
F009389-MSD2	QC	52			
0I00075-06	MHg-CVAFS-W-Dist	53			Scan all data for level IV report
F009443-MS1	QC	54			
F009443-MSD1	QC	55			
0I00043-51	MHg-CVAFS-W-Dist	56			
0J05021-CCVF	QC	57	2001845		
0J05021-CCBF	QC	58			
0I00043-52	MHg-CVAFS-W-Dist	59			
0I00043-53	MHg-CVAFS-W-Dist	60			
0I00043-54	MHg-CVAFS-W-Dist	61			
0I00043-55	MHg-CVAFS-W-Dist	62			
0I00043-56	MHg-CVAFS-W-Dist	63			
0I00043-57	MHg-CVAFS-W-Dist	64			
0I00043-58	MHg-CVAFS-W-Dist	65			
0I00043-59	MHg-CVAFS-W-Dist	66			
0I00043-60	MHg-CVAFS-W-Dist	67			
0I00043-23	MHg-CVAFS-W-Dist	68			
0J05021-CCVG	QC	69	2001845		
0J05021-CCBG	QC	70			
0I00043-24	MHg-CVAFS-W-Dist	71			
0I00043-25	MHg-CVAFS-W-Dist	72			

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Analyzed: 10/1/202

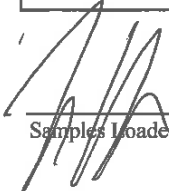
Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00043-26	MHg-CVAFS-W-Dist	73			
0I00043-27	MHg-CVAFS-W-Dist	74			
0I00043-28	MHg-CVAFS-W-Dist	75			
0I00043-29	MHg-CVAFS-W-Dist	76			
0I00043-30	MHg-CVAFS-W-Dist	77			
0I00075-01	MHg-CVAFS-W-Dist	78			Scan all data for level IV report
0I00075-02	MHg-CVAFS-W-Dist	79			Scan all data for level IV report
0I00075-03	MHg-CVAFS-W-Dist	80			Scan all data for level IV report
0J05021-CCVH	QC	81	2001845		
0J05021-CCBH	QC	82			
0I00075-04	MHg-CVAFS-W-Dist	83			Scan all data for level IV report
0I00075-05	MHg-CVAFS-W-Dist	84			Scan all data for level IV report
0I00080-01	MHg-CVAFS-W-Dist	85			
0I00080-02	MHg-CVAFS-W-Dist	86			
0I00080-03	MHg-CVAFS-W-Dist	87			
0I00080-04	MHg-CVAFS-W-Dist	88			
0J05021-CCVI	QC	89	2001845		
0J05021-CCBI	QC	90			
0J05021-CCVJ	QC	91	2001845		
0J05021-CCBJ	QC	92			
0J05021-CCVK	QC	93	2001845		
0J05021-CCBK	QC	94			
0J05021-CCVL	QC	95	2001845		
0J05021-CCBL	QC	96			
0J05021-CCVM	QC	97	2001845		
0J05021-CCBM	QC	98			
0J05021-CCVN	QC	99	2001845		
0J05021-CCBN	QC	100			
0J05021-CCVO	QC	101	2001845		
0J05021-CCBO	QC	102			
0I00043-51RE1	MHg-CVAFS-W-Dist	103			Sample Depleted, 5.3g of DI H2O added. LEL 10/1/2020
0I00043-52RE1	MHg-CVAFS-W-Dist	104			Sample Depleted, 6.38g of DI H2O added. LEL 10/1/2020
0I00043-53RE1	MHg-CVAFS-W-Dist	105			Sample Depleted, 7.57g of DI H2O added. LEL 10/1/2020
0I00043-54RE1	MHg-CVAFS-W-Dist	106			Sample Depleted, 5.84g of DI H2O added. LEL 10/1/2020
0I00043-55RE1	MHg-CVAFS-W-Dist	107			Sample Depleted, 8.35g of DI H2O added. LEL 10/1/2020
0I00043-56RE1	MHg-CVAFS-W-Dist	108			Sample Depleted, 8.04g of DI H2O added. LEL 10/1/2020

Instrument: Hg2700-1

Calibration ID: UNASSIGNED

Analyzed: 10/1/2021

Lab Number	Analysis	Order	STD ID	ISTD ID	Comments
0I00043-57RE1	MHg-CVAFS-W-Dist	109			Sample Depleted, 7.02g of DI H2O added. LEL 10/1/2020
0I00043-58RE1	MHg-CVAFS-W-Dist	110			Sample Depleted, 5.38g of DI H2O added. LEL 10/1/2020
0I00043-59RE1	MHg-CVAFS-W-Dist	111			Sample Depleted, 7.89g of DI H2O added. LEL 10/1/2020
0I00043-60RE1	MHg-CVAFS-W-Dist	112			Sample Depleted, 6.29g of DI H2O added. LEL 10/1/2020
0J05021-CCVP	QC	113	2001845		
0J05021-CCBP	QC	114			



Samples Loaded By

10/6/2020
Date



Data Processed By

10/6/2020
Date

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

Analyst: <u>ZKH</u>	Sequence #: <u>0J05021</u>	
Reviewer: <u>0</u>	Dataset ID #: <u>MHg27001-201001-1_water MeCl2</u>	
Date: <u>10/4/2020</u>	WO #: <u>several</u>	
Batch #(s): <u>F009389, F009443</u>		

Analyst Initials: ZKH Reviewer Initials/Date: PGS

PASS FAIL

PASS FAIL

PASS FAIL

PASS FAIL

PASS FAIL

PASS FAIL N/A

PASS FAIL N/A

PASS FAIL N/A

YES NO N/A

YES NO N/A

YES NO N/A

PASS FAIL

NA

PASS FAIL

PASS FAIL

PASS FAIL

PASS FAIL

YES NO

YES NO

PASS NO N/A

PASS NO N/A

PASS NO N/A

PASS NO N/A

Peer Review Check List for MHg for CV-GC-AFS (SOP2808) 2018 Rev 7 (8/2/18)

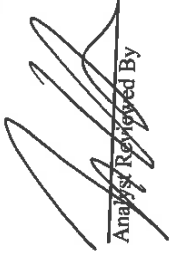
Analyst: ZKH	Sequence #: 0J05021
Reviewer: 0	Dataset ID #: MHg27001-201001-1_water MeCl2
Date:	WO #: several
Batch #(s): F009389, F009443	

Analyst Initials: ZKH **Reviewer Initials/Date:** PGS

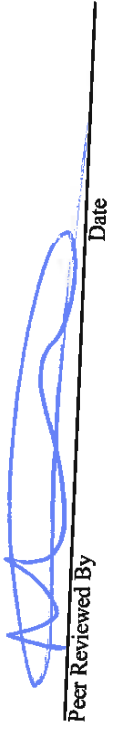
- | | | | | |
|--|---|--|---|--------------------------|
| 29. Are re-runs noted with reason?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 30. For failing QC (CCV, CCB, PB, BS/BSD, CAL):
Was a bubbler and trap test run before the analytical run continued?
Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 31. Do re-run results compare to initial analysis (< 35% RPD)?
Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 32. Are qualifiers consistent with the data review flowcharts?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 33. Have non-reportable samples been imported into LIMS and clicked to non-reportable?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 34. Have re-extracts been created for non-reportable samples?
Comments: _____ | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 35. Narrations in MMO box in LIMS?
Comments: _____ | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 36. Are there any HIGH QA projects within the data?
If so, place dataset to the QA office. | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 37. Does the data set need scanning?
<u>Files located at: \\Cuprum\gen_admin\Quality Assurance\Training Master\DOCs</u> | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> |
| 38. Date of analyst IDOC/CDOC: <u>10/3/2005</u> ²⁰¹⁵ IDOC/CDOC within last 12 months? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 39. Date of analyst's SOP reading: <u>10/3/2009</u> ²⁰¹⁹ Current SOP revision? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 40. Date of LOD: <u>8/24/2020</u> LOD within last 3 months (within 12 months for MDN)? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 41. Date of LOQ: <u>8/24/2020</u> LOQ within last 3 months (within 12 months for MDN)? | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 42. If MDN samples, date of last MDL study: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| 43. MDL study within last 12 months?
Data can not be reported without a current IDOC/CDOC, LOD or LOQ. | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |
| Additional Comments: _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO | <input type="checkbox"/> N/A | <input type="checkbox"/> |

Failing Data Report - 0J05021

Sample ID	Analysis	Result	MRL	Dup Result	Source Result	True Value	Units	% Rec.	Rec. LCL	Rec. UCL	RPD	RPD Limit	Over Cal	Failure	Qualifier
-----------	----------	--------	-----	------------	---------------	------------	-------	--------	----------	----------	-----	-----------	----------	---------	-----------


Analyst Reviewed By

10/6/2008
Date


Peer Reviewed By

Date

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (mL)	Final (mL)	Spike1 ID	µl Spike1	Spike2 ID	µl Spike2	Extraction Comments
F009389-BLK1	Blank	45	40					
F009389-BLK2	Blank	45	40					
F009389-BLK3	Blank	45	40					
F009389-BS1	LCS	45	40	2002024	50			
F009389-BSD1	LCS Dup	45	40	2002024	50			
F009389-MS1	Matrix Spike [0100043-21]	45.16	40	2002024	50			
F009389-MS2	Matrix Spike [0100043-22]	45.64	40	2002024	50			
F009389-MSD1	Matrix Spike Dup [0100043-21]	45.15	40	2002024	50			
F009389-MSD2	Matrix Spike Dup [0100043-22]	45.01	40	2002024	50			

Standard ID(s):
2002024

Description:
MHg New Primary 1.0 ng/mL CAL

Expiration:
24-Nov-20 00:00

Reagent ID(s):
2002021
2002191
2002287
2002306
2002309

Description:
Acetate Buffer
Ethylating Agent (For Methyl Mercury Analysis)
1% APDC Solution
.4% HCl Distillation Dilute (Made Daily)
2.5% Ascorbic Acid

Expiration:
19-Feb-21 00:00
09-Dec-20 00:00
06-Oct-20 00:00
30-Mar-21 00:00
08-Oct-20 00:00

Due Date: 10/15/2020

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (mL)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100043-21	OW-AIB-6-C-D10	45.56	40	-	-	140603	FILTERED	
0100043-22	OW-AIB-7-A-D10	45.48	40	-	-	140603	FILTERED	
0100043-23	OW-AIB-7-B-D10	45.21	40	-	-	140603	FILTERED	
0100043-24	OW-AIB-7-C-D10	45.39	40	-	-	140603	FILTERED	
0100043-25	OW-AIB-8-A-D10	45.23	40	-	-	140603	FILTERED	
0100043-26	OW-AIB-8-B-D10	45.27	40	-	-	140603	FILTERED	
0100043-27	OW-AIB-8-C-D10	45.45	40	-	-	140603	FILTERED	
0100043-28	OW-AIB-9-A-D10	45.08	40	-	-	140603	FILTERED	
0100043-29	OW-AIB-9-B-D10	45.06	40	-	-	140603	FILTERED	
0100043-30	OW-AIB-9-C-D10	45.13	40	-	-	140603	FILTERED	
0100043-51	PW-AIB-6-C-D10	39.74	40	-	-	140603	FILTERED	
0100043-51REI	PW-AIB-6-C-D10	39.74	40	-	-	140603	FILTERED Sample Depleted, 5.3g of D	Sample Depleted, 5.3g of DI H2O added. LEL 10/1/2020
0100043-52	PW-AIB-7-A-D10	38.74	40	-	-	140603	FILTERED	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-52REI	PW-AIB-7-A-D10	38.74	40	-	-	140603	FILTERED Sample Depleted, 6.38g of I	Sample Depleted, 6.38g of DI H2O added. LEL 10/1/2020
0100043-53	PW-AIB-7-B-D10	37.87	40	-	-	140603	FILTERED	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-53REI	PW-AIB-7-B-D10	37.87	40	-	-	140603	FILTERED Sample Depleted, 7.57g of I	Sample Depleted, 7.57g of DI H2O added. LEL 10/1/2020
0100043-54	PW-AIB-7-C-D10	39.49	40	-	-	140603	FILTERED	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-54REI	PW-AIB-7-C-D10	39.49	40	-	-	140603	FILTERED Sample Depleted, 5.84g of I	Sample Depleted, 5.84g of DI H2O added. LEL 10/1/2020
0100043-55	PW-AIB-8-A-D10	37.21	40	-	-	140603	FILTERED	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
								Sample Depleted, 8.35g of DI H2O added. LEL 10/1/2020

Due Date: 10/15/2020

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Matrix: Water

		Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water					Prepared: 10/1/2020
0100043-55REI	PW-AIB-8-A-D10	37.21	40	-	140603	FILTERED Sample Depleted, 8.35g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-56	PW-AIB-8-B-D10	37.83	40	-	140603	FILTERED	Sample Depleted, 8.04g of DI H2O added. LEL 10/1/2020
0100043-56REI	PW-AIB-8-B-D10	37.83	40	-	140603	FILTERED Sample Depleted, 8.04g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-57	PW-AIB-8-C-D10	37.99	40	-	140603	FILTERED	Sample Depleted, 7.02g of DI H2O added. LEL 10/1/2020
0100043-57REI	PW-AIB-8-C-D10	37.99	40	-	140603	FILTERED Sample Depleted, 7.02g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-58	PW-AIB-9-A-D10	39.79	40	-	140603	FILTERED	Sample Depleted, 5.38g of DI H2O added. LEL 10/1/2020
0100043-58REI	PW-AIB-9-A-D10	39.79	40	-	140603	FILTERED Sample Depleted, 5.38g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-59	PW-AIB-9-B-D10	37.4	40	-	140603	FILTERED	Sample Depleted, 7.89g of DI H2O added. LEL 10/1/2020
0100043-59REI	PW-AIB-9-B-D10	37.4	40	-	140603	FILTERED Sample Depleted, 7.89g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020
0100043-60	PW-AIB-9-C-D10	39.55	40	-	140603	FILTERED	Sample Depleted, 6.29g of DI H2O added. LEL 10/1/2020
0100043-60REI	PW-AIB-9-C-D10	39.55	40	-	140603	FILTERED Sample Depleted, 6.29g of l	RR 1.25X IN SAME ANLY. RUN - ZKH 10/5/2020

Due Date: 10/15/2020

Sample Preparation Review Checklist

Technician/Date: VJA
 Upload/Date: VJA

10-1-2020
10-1-2020

Samples to lab: 1237
 Reviewer/Date: ZKH

Revision: 4
 Effective: Dec. 11,

Batch #: F009389
MFS 10/5/20

- EFGS Preparation Method**
- SOP2836 Oven Digestion (Total Recoverable Metals) ICPMS AFS
 - SOP2837 Tissue Nitric Digestion ICPMS CVAFS
 - SOP2840 Modified Aqua Regia
 - SOP2820 RP
 - SOP2821 HF Bomb Digestion ICPMS CVAFS
 - SOP2825 Nitric Bomb Digestion ICPMS CVAFS
 - SOP2893 Oven Digestion (As, Se Speciation)
 - SOP5145 Microwave Digestion (Nutraceuticals)
 - SOP5145 Microwave Digestion (3051)
 - NA Other: SOP2797 Hg Distillation

Initials	SOP Date	DOC Date
<u>VJA</u>	<u>7-9-19</u>	<u>9-22-2020</u>

Comments: _____

Conditionally formatted training files located at:
 \\us34fil\General and Admin\Quality Assurance\Training\Training M.
 (Contact QA for any problems regarding these training files.)

Analytes: MHg

1. Is any SOP/DOC expiring within one week of Submission Date?
 Data cannot be reported without a current IDOC/CDOC. YES NO
2. Check prep method YES NO
- (a) For Ceuticals: Is correct Hg code being used in LIMS? YES NO
3. Compare sample ID & container ID with benchsheet & in LIMS ICPMS CV-AFS 70:30 N/A
4. Check for transcription errors from benchsheet N/A
- (a) Check and compare initial and final volumes YES NO
- (b) Check and compare mass YES NO
- (c) Has the number of pills been documented (Special Info 5 in benchsheet)? YES NO
- (d) Have assay logbook copies been attached & avg masses entered? YES NO
- (e) For re-digests, have e-mails been attached and verified? YES NO
- (f) Benchsheet prep date MUST match actual prep date YES NO
5. Samples per Batch? **Check QC Requirements**
- (a) PBs per batch? ≤ 20 ≤ 10 1 PBs N/A
- (b) Are pre and post homogenization blanks in batch? 3 PBs 2 PBs 1 PBs N/A
- (c) BS, BS/BSO or CRM in batch? BS BS/BSO CRM N/A
- (d) MS/MSD in batch? YES NO
- (e) MD in batch? YES NO
- (f) Is there at least one duplicate QC source in batch? YES NO
- (g) Are there any client specific requests, QC requests, etc? YES NO
- Document:
- (h) Correct LIMS spike ID included for BS, BS/BSO and/or MS/MSD? YES NO
- (i) Correct 'source' designated for MD/MS/MSD? YES NO
- (j) For EFGS-filtered samples, was a filtration blank included? YES NO
6. Special prep requirements?
- (a) For 1638: Have samples sat for 48 hours after preservation? YES NO
- (b) For 200.8: Have samples sat for 16 hours after preservation? YES NO
- (c) For DOD have pipettes been calibrated day of prep? YES NO
7. Are the samples appropriately spiked?
- (a) Is the spike and amount used appropriate and entered into LIMS? YES NO
- (b) For all spiking was there a witness? (Initials must be in logbook) YES NO
- (c) Spikes added: YES NO

NOTE: Due to LIMS software constraints, new LIMS IDs need to be created when multiple/ supplemental spikes are used. Enter new LIMS ID below and use table to list all spikes included in it.

Spike LIMS ID: _____

Spike Name	LIMS ID	µL	Spike Name	LIMS ID	µL

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Matrix: Water

Lab Number	Sample ID and Source Sample	Initial (mL)	Final (mL)	µl Spike1	Spike1 ID	µl Spike2	Spike2 ID	Extraction Comments
F009389-BLK1	Blank	45	40					
F009389-BLK2	Blank	45	40					
F009389-BLK3	Blank	45	40					
F009389-BS1	LCS	45	40					
F009389-BSD1	LCS Dup	45	40		2002024	50		
F009389-MS1	Matrix Spike [0100043-21]	45.16	40		2002024	50		
F009389-MS2	Matrix Spike [0100043-22]	45.64	40		2002024	50		
F009389-MSD1	Matrix Spike Dup [0100043-21]	45.15	40		2002024	50		
F009389-MSD2	Matrix Spike Dup [0100043-22]	45.01	40		2002024	50		

Standard ID(s):
2002024

Description:
MHg New Primary 1.0 ng/mL CAL

Expiration:
24-Nov-20 00:00

Reagent ID(s):
2002287
2002306

Description:
1% APDC Solution
.4% HCl Distillation Dilute (Made Daily)

Expiration:
06-Oct-20 00:00
30-Mar-21 00:00

Due Date: 10/15/2020

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (mL)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100043-21	OW-AIB-6-C-D10	45.56	40	-	-	140603	FILTERED	
0100043-22	OW-AIB-7-A-D10	45.48	40	-	-	140603	FILTERED	
0100043-23	OW-AIB-7-B-D10	45.21	40	-	-	140603	FILTERED	
0100043-24	OW-AIB-7-C-D10	45.39	40	-	-	140603	FILTERED	
0100043-25	OW-AIB-8-A-D10	45.23	40	-	-	140603	FILTERED	
0100043-26	OW-AIB-8-B-D10	45.27	40	-	-	140603	FILTERED	
0100043-27	OW-AIB-8-C-D10	45.45	40	-	-	140603	FILTERED	
0100043-28	OW-AIB-9-A-D10	45.08	40	-	-	140603	FILTERED	
0100043-29	OW-AIB-9-B-D10	45.06	40	-	-	140603	FILTERED	
0100043-30	OW-AIB-9-C-D10	45.13	40	-	-	140603	FILTERED	
0100043-51	PW-AIB-6-C-D10	39.74	40	-	-	140603	FILTERED	
0100043-52	PW-AIB-7-A-D10	38.74	40	-	-	140603	FILTERED	
0100043-53	PW-AIB-7-B-D10	37.87	40	-	-	140603	FILTERED	Sample Depleted, 5.3g of DI H2O added. LEL 10/1/2020
0100043-54	PW-AIB-7-C-D10	39.49	40	-	-	140603	FILTERED	Sample Depleted, 6.38g of DI H2O added. LEL 10/1/2020
0100043-55	PW-AIB-8-A-D10	37.21	40	-	-	140603	FILTERED	Sample Depleted, 7.57g of DI H2O added. LEL 10/1/2020
0100043-56	PW-AIB-8-B-D10	37.83	40	-	-	140603	FILTERED	Sample Depleted, 5.84g of DI H2O added. LEL 10/1/2020
0100043-57	PW-AIB-8-C-D10	37.99	40	-	-	140603	FILTERED	Sample Depleted, 8.35g of DI H2O added. LEL 10/1/2020
0100043-58	PW-AIB-9-A-D10	39.79	40	-	-	140603	FILTERED	Sample Depleted, 8.04g of DI H2O added. LEL 10/1/2020
0100043-59	PW-AIB-9-B-D10	37.4	40	-	-	140603	FILTERED	Sample Depleted, 7.02g of DI H2O added. LEL 10/1/2020
								Sample Depleted, 5.38g of DI H2O added. LEL 10/1/2020
								Sample Depleted, 7.89g of DI H2O added. LEL 10/1/2020

Due Date: 10/15/2020

PREPARATION BENCH SHEET

F009389

Eurofins Frontier Global Sciences, LLC

Matrix: Water

0100043-60 ✓

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water
PW-AIB-9-C-D10

39.35 40

140603 FILTERED

Prepared: 10/1/2020

Sample Depleted, 6.29g of DI H2O added.
LEL 10/1/2020

Work Order: [REDACTED]

Due Date: 10/15/2020

PREPARATION BENCH SHEET

F009443

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (mL)	Final (mL)	µl Spike1	Spike1 ID	µl Spike2	Spike2 ID	Extraction Comments
F009443-BLK1	Blank	45	40					
F009443-BLK2	Blank	45	40					
F009443-BLK3	Blank	45	40					
F009443-BS1	LCS	45	40					
F009443-BSD1	LCS Dup	45	40	50	2002024			
F009443-MS1	Matrix Spike [0100075-06]	45.1	40	50	2002024			
F009443-MSD1	Matrix Spike Dup [0100075-06]	45.59	40	50	2002024			

Standard ID(s):
2002024

Description:
MHg New Primary 1.0 ng/mL CAL

Expiration:
24-Nov-20 00:00

Reagent ID(s):

Reagent ID(s)	Description:	Expiration:
2002021	Acetate Buffer	19-Feb-21 00:00
2002191	Ethylating Agent (For Methyl Mercury Analysis)	09-Dec-20 00:00
2002287	1% APDC Solution	06-Oct-20 00:00
2002306	.4% HCl Distillation Dilute (Made Daily)	30-Mar-21 00:00
2002309	2.5% Ascorbic Acid	08-Oct-20 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009443

Eurofins Frontier Global Sciences, LLC

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Matrix: Water

Lab Number	Sample ID	Initial (mL)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100075-01	OL-3560-01	45.83	40	-	-	140301	Scan all data for level IV report	
0100075-02	OL-3560-02	45.73	40	-	-	140301	Scan all data for level IV report	
0100075-03	OL-3560-03	45.94	40	-	-	030402	Scan all data for level IV report	
0100075-04	OL-3560-04	45.93	40	-	-	030402	Scan all data for level IV report	
0100075-05	OL-3560-05	45.78	40	-	-	030402	Scan all data for level IV report	
0100075-06	OL-3560-06	45.63	40	-	-	030402	Scan all data for level IV report	
0100080-01	EB-DECONLINER_092220_SED_QC	45.94	40	-	-	030402	QC Scan all data for level IV report	
0100080-02	EB-HSBOWLAST_092220_SED_QC	45.11	40	-	-	i Refriger		
0100080-03	EB-HSBOWLWOOD_092220_SED_QC	45.13	40	-	-	i Refriger		
0100080-04	EB-NEWLINER_092220_SED_QC	45.06	40	-	-	i Refriger		

Work Order

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009443

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID and Source Sample	Initial (mL)	Final (mL)	µl Spike1	Spike1 ID	µl Spike2	Spike2 ID	Extraction Comments
F009443-BLK1	Blank	45	40					
F009443-BLK2	Blank	45	40					
F009443-BLK3	Blank	45	40					
F009443-BS1	LCS	45	40					
F009443-BSD1	LCS Dup	45	40	50	2002024			
F009443-MS1	Matrix Spike [0100075-06]	45.1	40	50	2002024			
F009443-MSD1	Matrix Spike Dup [0100075-06]	45.59	40	50	2002024			

Standard ID(s):
2002024

Description:
MHg New Primary 1.0 ng/mL CAL

Expiration:
24-Nov-20 00:00

Reagent ID(s):
2002287
2002306

Description:
1% APDC Solution
.4% HCl Distillation Dilute (Made Daily)

Expiration:
06-Oct-20 00:00
30-Mar-21 00:00

Due Date: 10/21/2020

PREPARATION BENCH SHEET

F009443

Eurofins Frontier Global Sciences, LLC

Matrix: Water

Prepared using: Trace Metals - EFGS SOP2797 Methyl Hg Distillation for Water

Prepared: 10/1/2020

Lab Number	Sample ID	Initial (mL)	Final (mL)	QC Sample	Sample Specs.	Location	Sample Comments	Analysis Comments
0100075-01	OL-3560-01	45.83	40	-	-	140301	Scan all data for level IV report	
0100075-02	OL-3560-02	45.73	40	-	-	140301	Scan all data for level IV report	
0100075-03	OL-3560-03	45.94	40	-	-	030402	Scan all data for level IV report	
0100075-04	OL-3560-04	45.93	40	-	-	030402	Scan all data for level IV report	
0100075-05	OL-3560-05	45.78	40	-	-	030402	Scan all data for level IV report	
0100075-06	OL-3560-06	45.63	40	-	-	030402	Scan all data for level IV report	
0100080-01	EB-DECONLINER_092220_SED_QC	45.94	40	-	-	i Refriger	QC Scan all data for level IV report	
0100080-02	EB-HSBOWLASI_092220_SED_QC	45.11	40	-	-	i Refriger		
0100080-03	EB-HSBOWLWOOD_092220_SED_QC	45.13	40	-	-	i Refriger		
0100080-04	EB-NEWLINER_092220_SED_QC	45.06	40	-	-	i Refriger		

Work Order

Client

Due Date: 10/21/2020

Methyl Mercury Distillations (EPA 1630)

Name: VEL

Date: 10-1-2020

Batch #: F009443

Sample Matrix: Water

The pH of the preserved sample must be documented before an aliquot is removed for preparation.

Digest #	Sample ID Number	Preserved pH	Sample size (mL)	Final pH	Time first sample distillation completed: <u>1237</u>
1	F009443-BIK1	<2	45.12	3	
2	F009443-BIK2	<2	45.85	3	
3	F009443-BIK3	<2	45.75	2	
4	F009443-BS1	<2	45.88	3	
5	F009443-BSD1	<2	45.91	3	
6	0I00075-06A(SRCL)	<2	45.63	3	
7	F009443-MS1	<2	45.10	4	
8	F009443-MSD1	<2	45.59	4	
9	0I00075-01A	<2	45.83	3	
10	0I00075-02A	<2	45.73	3	
11	0I00075-03A	<2	45.94	4	
12	0I00075-04A	<2	45.93	4	
13	0I00075-05A	<2	45.78	4	
14	0I00080-01AB	<2	45.94	3	
15	0I00080-02B	<2	45.11	4	
16	0I00080-03B	<2	45.13	2	
17	0I00080-04B	<2	45.06	4	

Spike ID: 2002024
 Spike Amount: 50 μ L
 Spike Witness: MFS 01/20

Balance #: 2
 Calibrated? Yes No

Pipette #: NU09653
 Cal. Date: 4-28-2020

Pipette #: PU30538
 Cal. Date: 9-29-20

Pipette #: NA
 Cal. Date: NA

APDC ID: 2002287
 HCl ID: 2002306 (0.4%)

Temperature: No set range as the temp. may be changed to keep flow rate of ≥ 10 mL per hour. Temperature is recorded for informational purposes only.

- Unit 1: 123
- Unit 2: 121
- Unit 3: 123
- Unit 4: 107.9
- Unit 5: 124
- Unit 6: NA

Comments:

VEL 10-1-2020



Frontier Global Sciences

MHg27001-201001-1_full run

Analysis Datasheet for Methyl Mercury in Soil/Tissue

Date of Analysis: October 01, 2020

Instrument #: Hg2700-1

LIMS Sequence #: 0105019, 0105020, 0105021

Analyst:

Units: ng/L

Calibration Statistics:

LabNumber	n	True Val	Area	Uncorrected Response Factor	Corrected Peak Height	Corrected Response Factor	% Recovery
SEQ-CAL1	1	0.05 ng/L	7.30 units	146.05	5.93 units	118.66	91.2 %Rec
SEQ-CAL2	1	0.20 ng/L	25.56 units	127.80	24.19 units	120.96	93.0 %Rec
SEQ-CAL3	1	1.00 ng/L	129.74 units	129.74	128.37 units	128.37	98.7 %Rec
SEQ-CAL4	1	2.00 ng/L	294.10 units	147.05	292.73 units	146.37	112.5 %Rec
SEQ-CAL5	1	4.00 ng/L	545.25 units	136.31	543.88 units	135.97	104.5 %Rec
SEQ-CAL6	0						
SEQ-CAL7	0						
SEQ-CAL8	0						
SEQ-CAL9	0						

Corr. Mean RF 130.06 Corr. St Dev RF +/- 11.36 Corr. RSD CF 8.7% RSD Uncorr. Mean RF 137.39

Blanks:

LabNumber	n	Mean	Std Dev	Mean (ng/L)	Std Dev (ng/L)
SEQ-1BL	1	1.37 units		0.01 ng/L	#VALUE!

Preparation Blanks

Sample Type	Batch ID	n	Mean	Std Dev
BLK	1	7	-2.412 ng/L	±3.199
BLK	2	2	3.049 ng/L	±0.918
BLK	3	3	-2.660 ng/L	±2.282
BLK	4	1	-5.264 ng/L	
BLK	5	0	0.000 ng/L	

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FieldID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	CAL	SEQ-IBL1	1	10/1/20 13:41	1005-1.RAW	13:41:03	1.37			0.0	0.000	0.000	ng/L	
Hg2700-1	00	CAL	SEQ-CAL1	1	10/1/20 13:51	1006-1.RAW	13:51:19	7.30			5.9	0.046	0.046	ng/L	
Hg2700-1	00	CAL	SEQ-CAL2	1	10/1/20 14:01	1007-1.RAW	14:01:34	25.56			24.2	0.186	0.186	ng/L	
Hg2700-1	00	CAL	SEQ-CAL3	1	10/1/20 14:11	1008-1.RAW	14:11:50	129.74			128.4	0.987	0.987	ng/L	
Hg2700-1	00	CAL	SEQ-CAL4	1	10/1/20 14:22	1009-1.RAW	14:22:05	294.10			292.7	2.251	2.251	ng/L	
Hg2700-1	00	CAL	SEQ-CAL5	1	10/1/20 14:32	1010-1.RAW	14:32:21	545.25			543.9	4.182	4.182	ng/L	
Hg2700-1	00	CAL	SEQ-ICB1	1	10/1/20 14:42	1011-1.RAW	14:42:36	77.12			75.8	0.582	0.582	ng/L	115.6107012
Hg2700-1	00	CAL	SEQ-ICB2	1	10/1/20 14:52	1012-1.RAW	14:52:52	3.23			1.9	0.014	0.014	ng/L	
Hg2700-1	00	CAL	SEQ-ICB3	1	10/1/20 15:03	1013-1.RAW	15:03:08	228.30			226.9	Error	#VALUE!	ng/L	F009391
Hg2700-1	00	SAM	F009391-BSD3	10	10/1/20 15:13	1014-1.RAW	15:13:24	163.13			161.8	Error	#VALUE!	ng/L	F009391
Hg2700-1	00	SAM	F009392-BSD2	10	10/1/20 15:23	1015-1.RAW	15:23:39	88.72			87.3	Error	#VALUE!	ng/L	F009392
Hg2700-1	00	SAM	F009392-BSD2	10	10/1/20 15:33	1016-1.RAW	15:33:56	162.03			160.7	Error	#VALUE!	ng/L	F009392
Hg2700-1	00	CAL	SEQ-CCV1	1	10/1/20 15:43	1017-1.RAW	15:44:11	69.00			67.6	0.520	0.520	ng/L	103.206226
Hg2700-1	00	CAL	SEQ-CCB1	1	10/1/20 15:54	1018-1.RAW	15:54:26	4.46			3.1	0.024	0.024	ng/L	
Hg2700-1	00	SAM	0100073-56x	1000	10/1/20 16:04	1019-1.RAW	16:04:42	3.33			2.0	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009424-BSD1	1000	10/1/20 16:14	1020-1.RAW	16:14:59	156.57			155.2	1.196	1.195	ng/L	F009424
Hg2700-1	00	SAM	F009424-BSD1	1000	10/1/20 16:25	1021-1.RAW	16:25:14	204.56			203.2	1.565	1.564	ng/L	F009424
Hg2700-1	00	SAM	F009425-BSD1	1000	10/1/20 16:35	1022-1.RAW	16:35:31	325.55			324.2	2.492	2.492	ng/L	F009425
Hg2700-1	00	SAM	F009425-BSD1	1000	10/1/20 16:45	1023-1.RAW	16:45:47	369.83			368.5	2.833	2.832	ng/L	F009425
Hg2700-1	00	SAM	F009426-BSD1	1000	10/1/20 16:56	1024-1.RAW	16:56:03	340.12			338.7	2.607	2.607	ng/L	F009426
Hg2700-1	00	SAM	ERR	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009426 - COMPUTER STALL
Hg2700-1	00	SAM	F009427-BSD1	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009428-BSD1	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	WS	1	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	WS	1	10/1/20 17:20	1026-1.RAW	17:20:12	506.38			505.0	Error	#VALUE!	ng/L	CLEARING LINES
Hg2700-1	00	CAL	SEQ-CCV2	1	10/1/20 17:30	1027-1.RAW	17:30:28	63.97			62.6	0.481	0.481	ng/L	95.53341579
Hg2700-1	00	CAL	SEQ-CCB2	1	10/1/20 17:40	1028-1.RAW	17:40:44	1.47			0.1	0.001	0.001	ng/L	
Hg2700-1	00	SAM	F009427-BSD1	1000	10/1/20 17:51	1029-1.RAW	17:51:01	218.26			216.9	1.673	1.672	ng/L	F009427
Hg2700-1	00	SAM	F009427-BSD1	1000	10/1/20 18:11	1030-1.RAW	18:11:32	303.38			302.0	1.456	1.455	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCV3	1	10/1/20 18:21	1031-1.RAW	18:21:47	73.34			72.0	0.553	0.553	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCB3	1	10/1/20 18:32	1032-1.RAW	18:32:03	0.89			-0.5	-0.004	-0.004	ng/L	109.8412785
Hg2700-1	00	SAM	F009424-BSD2	1000	10/1/20 18:42	1033-1.RAW	18:42:19	225.66			224.3	1.727	1.726	ng/L	F009424
Hg2700-1	00	SAM	F009424-BSD2	1000	10/1/20 18:52	1034-1.RAW	18:52:34	171.57			170.2	1.311	1.311	ng/L	F009424
Hg2700-1	00	SAM	F009425-BSD2	1000	10/1/20 19:02	1035-1.RAW	19:02:51	434.04			432.7	3.326	3.326	ng/L	F009425
Hg2700-1	00	SAM	F009425-BSD2	1000	10/1/20 19:13	1036-1.RAW	19:13:06	448.66			447.3	3.439	3.438	ng/L	F009425
Hg2700-1	00	SAM	F009426-BSD2	1000	10/1/20 19:23	1037-1.RAW	19:23:22	415.15			413.8	3.184	3.184	ng/L	F009426
Hg2700-1	00	SAM	F009426-BSD2	1000	10/1/20 19:33	1038-1.RAW	19:33:38	358.20			356.8	2.749	2.749	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCV4	1	10/1/20 19:43	1040-1.RAW	19:43:54	61.50			60.1	0.462	0.462	ng/L	91.76770767
Hg2700-1	00	CAL	SEQ-CCB4	1	10/1/20 19:54	1041-1.RAW	19:54:09	2.25			0.9	0.007	0.007	ng/L	
Hg2700-1	00	SAM	F009428-BSD1	1000	10/1/20 20:04	1042-1.RAW	20:04:25	322.08			320.7	2.471	2.471	ng/L	F009428
Hg2700-1	00	BLK	F009424-BLK1	500	10/1/20 20:14	1043-1.RAW	20:14:40	2.15			0.8	0.006	0.006	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK2	500	10/1/20 20:24	1044-1.RAW	20:24:55	0.00			-1.4	-0.011	-0.011	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK3	500	10/1/20 20:35	1045-1.RAW	20:35:11	0.57			-0.8	-0.006	-0.006	ng/L	F009424
Hg2700-1	00	BLK	F009424-BLK4	500	10/1/20 20:45	1046-1.RAW	20:45:26	0.00			-1.4	-0.011	-0.011	ng/L	F009424

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	Field	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	IntnlResult	FinalResult	IntnlUnits	Comments
Hq2700-1	00	BLK	F009424-BLK5	500	10/1/20 20:55	1047-1.RAW	20:55:42	1.18	1		-0.2	-0.001	-0.731	ng/L	F009424
Hq2700-1	00	BLK	F009424-BLK6	500	10/1/20 21:05	1048-1.RAW	21:05:57	1.30	1		-0.1	-0.001	-0.274	ng/L	F009424
Hq2700-1	00	BLK	F009424-BLK7	500	10/1/20 21:16	1049-1.RAW	21:16:14	0.00	1		-1.4	-0.011	-5.264	ng/L	F009424
Hq2700-1	00	BLK	F009425-BLK2	500	10/1/20 21:26	1050-1.RAW	21:26:30	1.99	2		0.6	0.005	2.400	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCV5	1	10/1/20 21:36	1051-1.RAW	21:36:46	60.35	1		59.0	0.453	0.453	ng/L	90.00478681
Hq2700-1	00	CAL	SEQ-CGB5	1	10/1/20 21:47	1052-1.RAW	21:47:02	1.12	1		-0.3	-0.002	-0.002	ng/L	
Hq2700-1	00	BLK	F009423-BLK3	500	10/1/20 21:57	1053-1.RAW	21:57:17	2.33	2		1.0	0.007	3.698	ng/L	F009423
Hq2700-1	00	BLK	F009426-BLK1	500	10/1/20 22:07	1054-1.RAW	22:07:33	0.93	3		-0.4	-0.003	-1.706	ng/L	F009426
Hq2700-1	00	BLK	F009425-BLK1	500	10/1/20 22:17	1055-1.RAW	22:17:49	0.00	3		-1.4	-0.011	-5.264	ng/L	F009425
Hq2700-1	00	BLK	F009426-BLK3	500	10/1/20 22:28	1056-1.RAW	22:28:05	1.11	3		-0.3	-0.002	-1.010	ng/L	F009426
Hq2700-1	00	SAM	ERR	500	10/1/20 22:38	1057-1.RAW	22:38:21	0.00	4		-1.4	-0.011	-5.264	ng/L	F009427 - computer shut down
Hq2700-1	00	SAM		500	10/1/20 0:00						Error	#VALUE!		ng/L	
Hq2700-1	00	SAM		500	10/1/20 0:00						Error	#VALUE!		ng/L	
Hq2700-1	00	SAM		500	10/1/20 0:00						Error	#VALUE!		ng/L	
Hq2700-1	00	CAL	SEQ-CCV6	1	10/1/20 1:22	1059-1.RAW	1:22:30	71.97	1		70.6	0.543	0.543	ng/L	107.7395773
Hq2700-1	00	CAL	SEQ-CGB6	1	10/1/20 1:32	1060-1.RAW	1:32:45	1.14	1		-0.2	-0.002	-0.002	ng/L	
Hq2700-1	00	SAM	F009424-MS1	500	10/1/20 1:46	1061-1.RAW	1:46:57	5.54	1		4.2	0.037	18.456	ng/L	F009424
Hq2700-1	00	SAM	F009424-MSD1	500	10/1/20 1:57	1062-1.RAW	1:57:12	117.59	1		116.2	0.898	449.210	ng/L	F009424
Hq2700-1	00	SAM	0100072-01	2500	10/1/20 2:07	1063-1.RAW	2:07:28	166.73	1		165.4	1.276	638.114	ng/L	F009424
Hq2700-1	00	SAM	F009424-MS2	2500	10/1/20 2:17	1064-1.RAW	2:17:43	0.27	1		-1.1	-0.008	-18.750	ng/L	F009424
Hq2700-1	00	SAM	F009424-MSD2	2500	10/1/20 2:27	1065-1.RAW	2:27:59	26.93	1		25.6	0.198	493.766	ng/L	F009424
Hq2700-1	00	SAM	0100073-36	500	10/1/20 2:38	1066-1.RAW	2:38:14	21.44	2		20.1	0.155	368.104	ng/L	F009424
Hq2700-1	00	SAM	F009425-MS1	500	10/1/20 2:48	1067-1.RAW	2:48:30	5.90	2		4.5	0.034	17.152	ng/L	F009425
Hq2700-1	00	SAM	F009425-MSD1	500	10/1/20 3:09	1068-1.RAW	3:09:01	175.86	2		174.5	1.341	670.494	ng/L	F009425
Hq2700-1	00	SAM	0100073-25	500	10/1/20 3:19	1069-1.RAW	3:19:17	184.44	2		183.1	1.407	703.500	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCV7	1	10/1/20 3:29	1070-1.RAW	3:29:33	63.90	2		62.5	0.481	41.837	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CGB7	1	10/1/20 3:39	1071-1.RAW	3:39:48	0.39	2		-1.0	-0.008	-0.008	ng/L	95.42851831
Hq2700-1	00	SAM	F009425-MS2	500	10/1/20 3:50	1072-1.RAW	3:50:04	177.59	2		176.2	1.354	677.165	ng/L	F009425
Hq2700-1	00	SAM	0100073-67	500	10/1/20 4:00	1073-1.RAW	4:00:21	197.24	2		195.9	1.505	752.694	ng/L	F009425
Hq2700-1	00	SAM	F009426-MS1	500	10/1/20 4:10	1074-1.RAW	4:10:36	19.03	3		17.7	0.141	70.544	ng/L	F009426
Hq2700-1	00	SAM	F009426-MSD1	500	10/1/20 4:20	1075-1.RAW	4:20:53	187.85	3		186.5	1.439	719.526	ng/L	F009426
Hq2700-1	00	SAM	0100073-56	500	10/1/20 4:31	1076-1.RAW	4:31:09	194.76	3		193.4	1.492	746.099	ng/L	F009426
Hq2700-1	00	SAM	F009426-MS2	500	10/1/20 4:41	1077-1.RAW	4:41:25	8.27	3		6.9	0.058	29.166	ng/L	F009426
Hq2700-1	00	SAM	F009426-MSD2	500	10/1/20 4:51	1078-1.RAW	4:51:41	166.02	3		164.6	1.271	635.600	ng/L	F009426
Hq2700-1	00	SAM	0100073-86	500	10/1/20 5:01	1079-1.RAW	5:01:58	167.94	3		166.6	1.286	643.006	ng/L	F009426
Hq2700-1	00	SAM	F009427-MS1	500	10/1/20 5:12	1081-1.RAW	5:12:14	14.11	4		12.7	0.108	54.234	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CCV8	1	10/1/20 5:22	1082-1.RAW	5:22:31	186.83	4		185.5	1.436	718.210	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CGB8	1	10/1/20 5:32	1083-1.RAW	5:32:47	41.25	4		39.9	0.307	0.307	ng/L	60.96574464
Hq2700-1	00	SAM	F009427-MSD1	500	10/1/20 5:43	1084-1.RAW	5:43:02	1.22	4		-0.001	-0.001	-0.001	ng/L	
Hq2700-1	00	SAM	0100073-87	500	10/1/20 5:53	1085-1.RAW	5:53:18	133.86	4		132.5	1.029	514.577	ng/L	F009427
Hq2700-1	00	SAM	F009427-MS2	500	10/1/20 6:03	1086-1.RAW	6:03:34	6.33	4		5.0	0.049	24.323	ng/L	F009427
Hq2700-1	00	SAM	F009427-MSD2	500	10/1/20 6:13	1087-1.RAW	6:13:50	191.74	4		190.4	1.474	737.097	ng/L	F009427
Hq2700-1	00	SAM	0100073-AX	500	10/1/20 6:24	1088-1.RAW	6:24:07	177.30	4		175.9	1.363	681.588	ng/L	F009427
Hq2700-1	00	SAM	F009428-MS1	500	10/1/20 6:34	1089-1.RAW	6:34:22	0.00	5		-1.4	0.000	0.000	ng/L	F009428
Hq2700-1	00	SAM	F009428-MSD1	500	10/1/20 6:44	1090-1.RAW	6:44:39	63.51	5		62.1	0.488	244.166	ng/L	F009428
Hq2700-1	00	SAM	0100084-01	2500	10/1/20 6:54	1091-1.RAW	6:54:55	54.54	5		53.2	0.419	209.675	ng/L	F009428
Hq2700-1	00	SAM	F009428-MS2	2500	10/1/20 7:05	1092-1.RAW	7:05:11	16.71	5		15.3	0.120	300.203	ng/L	F009428
Hq2700-1	00	SAM	F009428-MSD2	2500	10/1/20 7:15	1093-1.RAW	7:15:27	56.52	5		55.2	0.426	1065.337	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CCV9	1	10/1/20 7:25	1094-1.RAW	7:25:44	51.24	5		49.9	0.386	963.862	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CGB9	1	10/1/20 7:36	1095-1.RAW	7:36:00	51.60	5		50.2	0.386	0.386	ng/L	76.66168865
Hq2700-1	00	SAM	0100051-01	500	10/1/20 7:46	1096-1.RAW	7:46:16	0.00	1		-1.4	-0.011	-0.011	ng/L	
Hq2700-1	00	SAM	0100072-02	2500	10/1/20 7:56	1097-1.RAW	7:56:32	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-01	500	10/1/20 8:06	1098-1.RAW	8:06:48	408.43	1		407.1	3.131	7826.537	ng/L	F009424
Hq2700-1	00	SAM	0100073-02	500	10/1/20 8:17	1099-1.RAW	8:17:04	5.93	1		4.6	0.040	19.939	ng/L	F009424
Hq2700-1	00	SAM	0100073-03	500	10/1/20 8:27	1100-1.RAW	8:27:20	3.47	1		2.1	0.021	10.507	ng/L	F009424
Hq2700-1	00	SAM	0100073-04	500	10/1/20 8:37	1101-1.RAW	8:37:36	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-05	500	10/1/20 8:47	1102-1.RAW	8:47:52	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-08	500	10/1/20 8:58	1103-1.RAW	8:58:08	13.82	1		12.4	0.101	45.259	ng/L	F009424
Hq2700-1	00	SAM	0100073-09	500	10/1/20 9:08	1104-1.RAW	9:08:24	12.62	1		11.2	0.091	50.650	ng/L	F009424
Hq2700-1	00	SAM	0100073-12	500	10/1/20 9:18	1105-1.RAW	9:18:40	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	CAL	SEQ-CCVA	1	10/1/20 9:28	1106-1.RAW	9:28:55	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	CAL	SEQ-CGBA	1	10/1/20 9:39	1107-1.RAW	9:39:11	53.91	1		52.5	0.404	0.404	ng/L	80.19004738
Hq2700-1	00	SAM	0100073-14	500	10/1/20 9:49	1108-1.RAW	9:49:26	0.27	1		-1.1	-0.008	-0.008	ng/L	
Hq2700-1	00	SAM	0100073-15	500	10/1/20 9:59	1109-1.RAW	9:59:42	0.00	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-16	500	10/1/20 10:09	1110-1.RAW	10:09:57	10.86	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-17	500	10/1/20 10:20	1111-1.RAW	10:20:13	10.86	1		-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-20	500	10/1/20 10:30	1112-1.RAW	10:30:28	15.33	1		14.0	0.112	56.083	ng/L	F009424

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Unconnected Response	Batch ID	No PB Correction?	RESP	Initial Result	Final Result	InitialUnits	Comments
Hq2700-1	00	SAM	0100073-21	500	10/1/20 10:40	1113-1.RAW	10:40:44	0.00			-1.4	-0.006	-2.852	ng/L	F009424
Hq2700-1	00	SAM	0100073-23	500	10/1/20 10:51	1114-1.RAW	10:51:00	8.11	1		6.7	0.057	28.332	ng/L	F009424
Hq2700-1	00	SAM	0100073-24	500	10/1/20 11:01	1115-1.RAW	11:01:17	7.95	1		6.6	0.055	27.725	ng/L	F009424
Hq2700-1	00	SAM	0100076-01	500	10/1/20 11:11	1116-1.RAW	11:11:33	3.76	1		2.4	0.023	11.597	ng/L	F009424
Hq2700-1	00	SAM	0100073-26	500	10/1/20 11:32	1117-1.RAW	11:32:05	9.43	1		8.1	0.067	33.403	ng/L	F009424
Hq2700-1	00	SAM	0100073-29	500	10/1/20 11:42	1118-1.RAW	11:42:21	50.78	1		49.4	0.380	20.604	ng/L	F009424
Hq2700-1	00	CAL	SEQ-CCBB	1	10/1/20 11:52	1119-1.RAW	11:52:37	0.00			-1.4	-0.011	-0.011	ng/L	75.40676172
Hq2700-1	00	SAM	0100073-30	500	10/1/20 12:02	1121-1.RAW	12:02:54	3.40	2		2.0	0.015	7.517	ng/L	F009425
Hq2700-1	00	SAM	0100073-32	500	10/1/20 12:13	1122-1.RAW	12:13:10	0.50	2		-0.9	-0.007	-3.607	ng/L	F009425
Hq2700-1	00	SAM	0100073-33	500	10/1/20 12:23	1123-1.RAW	12:23:26	2.74	2		1.4	0.010	4.975	ng/L	F009425
Hq2700-1	00	SAM	0100073-35	500	10/1/20 12:33	1124-1.RAW	12:33:43	4.62	2		3.2	0.024	12.208	ng/L	F009425
Hq2700-1	00	SAM	0100073-38	500	10/1/20 12:43	1125-1.RAW	12:43:59	20.61	2		19.2	0.147	73.699	ng/L	F009425
Hq2700-1	00	SAM	0100073-39	500	10/1/20 12:54	1126-1.RAW	12:54:15	18.45	2		17.1	0.131	65.389	ng/L	F009425
Hq2700-1	00	SAM	0100073-40	500	10/1/20 13:04	1127-1.RAW	13:04:31	10.54	2		9.2	0.070	34.989	ng/L	F009425
Hq2700-1	00	SAM	0100073-41	500	10/1/20 13:14	1128-1.RAW	13:14:47	9.51	2		8.1	0.062	31.031	ng/L	F009425
Hq2700-1	00	SAM	0100073-45	500	10/1/20 13:25	1130-1.RAW	13:25:03	11.20	2		9.8	0.075	37.512	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCBC	1	10/1/20 13:35	1131-1.RAW	13:35:19	7.47	2		6.1	0.046	23.161	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCBC	1	10/1/20 13:45	1132-1.RAW	13:45:35	50.51	2		49.1	0.378	0.378	ng/L	74.99516476
Hq2700-1	00	SAM	0100073-45	500	10/1/20 14:06	1133-1.RAW	13:55:51	0.00	2		-1.4	-0.011	-0.011	ng/L	F009425
Hq2700-1	00	SAM	0100073-51	500	10/1/20 14:16	1134-1.RAW	14:06:07	11.40	2		10.0	0.077	38.276	ng/L	F009425
Hq2700-1	00	SAM	0100073-52	500	10/1/20 14:26	1135-1.RAW	14:16:23	7.88	2		6.5	0.049	24.743	ng/L	F009425
Hq2700-1	00	SAM	0100073-53	500	10/1/20 14:36	1136-1.RAW	14:26:39	6.27	2		5.8	0.044	22.020	ng/L	F009425
Hq2700-1	00	BLK	F009425-BLK1	500	10/1/20 14:47	1137-1.RAW	14:36:55	0.00	2		4.9	0.037	18.594	ng/L	F009425
Hq2700-1	00	BLK	F009427-BLK2	500	10/1/20 14:57	1138-1.RAW	14:47:11	0.00	2		-1.4	-0.011	-5.264	ng/L	F009427
Hq2700-1	00	BLK	F009428-BLK3	500	10/1/20 15:07	1139-1.RAW	14:57:28	0.00	4		-1.4	-0.011	-5.264	ng/L	F009427
Hq2700-1	00	BLK	F009428-BLK3	500	10/1/20 15:17	1140-1.RAW	15:07:44	0.00	4		-1.4	-0.011	-5.264	ng/L	F009427
Hq2700-1	00	BLK	F009428-BLK3	500	10/1/20 15:28	1141-1.RAW	15:17:59	0.00	5		-1.4	-0.011	-5.264	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CCVD	1	10/1/20 15:38	1142-1.RAW	15:28:15	0.00	5		-1.4	-0.011	-5.264	ng/L	F009428
Hq2700-1	00	SAM	F009389-B51	1.25	10/1/20 15:48	1143-1.RAW	15:38:31	53.25	5		51.9	0.399	0.399	ng/L	79.16933462
Hq2700-1	00	SAM	F009389-B5D1	1.25	10/1/20 16:09	1144-1.RAW	15:49:03	128.16	5		126.8	0.801	0.801	ng/L	F009389
Hq2700-1	00	SAM	F009443-B5D1	1.25	10/1/20 16:29	1145-1.RAW	16:09:18	137.40	5		136.0	0.801	0.801	ng/L	F009389
Hq2700-1	00	SAM	F009443-B5D1	1.25	10/1/20 16:49	1146-1.RAW	16:19:34	125.56	5		124.2	0.801	0.801	ng/L	F009443
Hq2700-1	00	BLK	F009389-BLK1	1.25	10/1/20 16:50	1148-1.RAW	16:29:51	134.73	5		133.4	0.801	0.801	ng/L	F009389
Hq2700-1	00	BLK	F009389-BLK2	1.25	10/1/20 17:00	1150-1.RAW	16:40:06	27.98	5		26.6	0.256	0.256	ng/L	F009389
Hq2700-1	00	BLK	F009443-BLK1	1.25	10/1/20 17:10	1151-1.RAW	17:00:39	0.00	5		7.3	0.056	0.070	ng/L	F009389
Hq2700-1	00	BLK	F009443-BLK2	1.25	10/1/20 17:21	1152-1.RAW	17:10:55	0.00	5		-1.4	-0.011	-0.013	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CCVE	1	10/1/20 17:31	1153-1.RAW	17:21:11	0.00	5		-1.4	-0.011	-0.013	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CCVE	1	10/1/20 18:02	1155-1.RAW	17:31:28	76.86	5		-0.2	-0.002	-0.002	ng/L	F009443
Hq2700-1	00	SAM	0100043-21	1.25	10/1/20 18:12	1157-1.RAW	18:02:16	5.63	5		-1.4	-0.011	-0.013	ng/L	F009443
Hq2700-1	00	SAM	F009389-MS1	1.25	10/1/20 18:54	1159-1.RAW	18:12:32	422.30	5		4.3	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	F009389-MSD1	1.25	10/1/20 19:04	1160-1.RAW	18:54:13	10.14	5		420.9	0.011	0.011	ng/L	F009389 - computer still
Hq2700-1	00	SAM	F009389-MS2	1.25	10/1/20 19:14	1161-1.RAW	19:04:29	152.44	5		8.8	0.011	0.011	ng/L	F009389 - err, no wash
Hq2700-1	00	SAM	F009389-MSD2	1.25	10/1/20 19:25	1162-1.RAW	19:14:45	151.1	5		151.1	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100075-06	1.25	10/1/20 19:35	1163-1.RAW	19:25:01	151.28	5		149.9	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	F009443-MS1	1.25	10/1/20 19:45	1164-1.RAW	19:35:17	1.88	5		0.5	0.011	0.011	ng/L	F009443
Hq2700-1	00	SAM	0100043-MS1	1.25	10/1/20 20:06	1165-1.RAW	19:45:33	166.28	5		164.9	0.011	0.011	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CCVF	1	10/1/20 20:26	1167-1.RAW	20:06:05	1.11	5		-0.3	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-52	50	10/1/20 20:36	1169-1.RAW	20:16:21	0.00	5		75.0	0.576	0.576	ng/L	114.413003
Hq2700-1	00	SAM	0100043-55	50	10/1/20 20:47	1170-1.RAW	20:26:37	2.87	5		1.5	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-56	50	10/1/20 21:07	1171-1.RAW	20:36:53	3.06	5		1.7	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-57	50	10/1/20 21:17	1172-1.RAW	20:47:09	9.28	5		7.9	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-58	50	10/1/20 21:28	1173-1.RAW	21:07:41	3.58	5		0.8	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-59	50	10/1/20 21:38	1174-1.RAW	21:17:57	3.08	5		2.2	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-60	50	10/1/20 21:48	1175-1.RAW	21:28:13	2.56	5		1.2	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-23	1.25	10/1/20 22:09	1177-1.RAW	21:38:29	1.27	5		0.7	0.011	0.011	ng/L	F009389
Hq2700-1	00	CAL	SEQ-CCVG	1	10/1/20 22:29	1180-1.RAW	22:09:17	9.56	5		8.2	0.011	0.011	ng/L	F009389
Hq2700-1	00	CAL	SEQ-CCBG	1	10/1/20 22:40	1181-1.RAW	22:19:33	82.95	5		81.6	0.011	0.011	ng/L	124.4954284
Hq2700-1	00	SAM	0100043-24	1.25	10/1/20 22:50	1182-1.RAW	22:40:05	11.63	5		10.3	0.011	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-25	1.25	10/1/20 22:50	1182-1.RAW	22:50:21	6.85	5		5.5	0.011	0.011	ng/L	F009389

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FieldID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100043-26	1.25	10/1/20 23:00	1183-1.RAW	23:00:37	5.23			0.9	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-27	1.25	10/1/20 23:10	1184-1.RAW	23:10:53	2.25			0.9	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-28	1.25	10/1/20 23:21	1185-1.RAW	23:21:09	5.98			4.2	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-29	1.25	10/1/20 23:31	1186-1.RAW	23:31:25	17.82			16.5	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100075-01	1.25	10/1/20 23:41	1187-1.RAW	23:41:41	9.35			8.0	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100075-02	1.25	10/1/20 23:51	1188-1.RAW	23:51:57	5.61			6.2	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100075-03	1.25	10/2/20 00:02	1189-1.RAW	0:02:13	7.53			6.2	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CVH	1	10/2/20 00:12	1190-1.RAW	0:12:28	9.96			8.6	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CBH	1	10/2/20 00:22	1191-1.RAW	0:22:45	71.36			70.0	Error	0.538	ng/L	106.8103158
Hg2700-1	00	SAM	0100075-04	1.25	10/2/20 00:33	1192-1.RAW	0:33:01	0.00			-1.4	Error	-0.011	ng/L	F009443
Hg2700-1	00	SAM	0100075-05	1.25	10/2/20 00:43	1193-1.RAW	0:43:17	9.45			8.1	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100080-01	1.25	10/2/20 00:53	1194-1.RAW	0:53:33	12.05			10.7	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100080-02	1.25	10/2/20 01:03	1195-1.RAW	1:03:49	1.80			0.4	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100080-03	1.25	10/2/20 01:14	1196-1.RAW	1:14:05	0.86			-0.5	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	SAM	0100080-04	1.25	10/2/20 01:24	1197-1.RAW	1:24:21	2.73			1.4	Error	#VALUE!	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCV	1	10/2/20 01:34	1198-1.RAW	1:34:37	83.47			82.1	Error	0.631	ng/L	125.2955602
Hg2700-1	00	CAL	SEQ-CBI	1	10/2/20 01:44	1199-1.RAW	1:44:53	2.37			1.0	Error	0.008	ng/L	F009426
Hg2700-1	00	SAM	0100073-57	500	10/2/20 01:55	1200-1.RAW	1:55:09	17.3629426	3		16.0	Error	0.128	ng/L	64.141
Hg2700-1	00	SAM	0100073-58	500	10/2/20 02:05	1201-1.RAW	2:05:25	0			-1.4	Error	-0.005	ng/L	F009426
Hg2700-1	00	SAM	0100073-59	500	10/2/20 02:15	1202-1.RAW	2:15:41	0			-1.4	Error	-0.005	ng/L	F009426
Hg2700-1	00	SAM	0100073-60	500	10/2/20 02:25	1203-1.RAW	2:25:57	0			4.5	Error	0.040	ng/L	F009426
Hg2700-1	00	SAM	0100073-61	500	10/2/20 02:36	1204-1.RAW	2:36:13	5.92914909	3		-1.4	Error	-0.005	ng/L	F009426
Hg2700-1	00	SAM	0100073-62	500	10/2/20 02:46	1205-1.RAW	2:46:29	0			19.2	Error	0.153	ng/L	F009426
Hg2700-1	00	SAM	0100073-63	500	10/2/20 02:56	1206-1.RAW	2:56:45	20.5321759	3		11.1	Error	0.091	ng/L	F009426
Hg2700-1	00	SAM	0100073-64	500	10/2/20 03:07	1207-1.RAW	3:07:01	12.4504838	3		5.8	Error	0.050	ng/L	F009426
Hg2700-1	00	SAM	0100073-65	500	10/2/20 03:17	1208-1.RAW	3:17:17	7.14798883	3		10.8	Error	0.088	ng/L	F009426
Hg2700-1	00	SAM	0100073-66	500	10/2/20 03:27	1209-1.RAW	3:27:33	12.1490162	3		11.3	Error	0.092	ng/L	F009426
Hg2700-1	00	SAM	0100073-67	500	10/2/20 03:37	1210-1.RAW	3:37:49	12.66134259	3		76.0	Error	0.584	ng/L	116.0154978
Hg2700-1	00	CAL	SEQ-CCV	1	10/2/20 03:48	1211-1.RAW	3:48:05	77.99010417	3		-1.4	Error	-0.011	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CBI	1	10/2/20 03:58	1212-1.RAW	3:58:21	0			8.7	Error	0.072	ng/L	F009426
Hg2700-1	00	SAM	0100073-74	500	10/2/20 04:08	1213-1.RAW	4:08:37	10.05332755	3		8.6	Error	0.072	ng/L	F009426
Hg2700-1	00	SAM	0100073-75	500	10/2/20 04:18	1214-1.RAW	4:18:53	20.0020315	3		8.7	Error	0.072	ng/L	F009426
Hg2700-1	00	SAM	0100073-76	500	10/2/20 04:29	1215-1.RAW	4:29:09	10.06886574	3		27.2	Error	0.215	ng/L	F009426
Hg2700-1	00	SAM	0100073-77	500	10/2/20 04:39	1216-1.RAW	4:39:25	28.98863944	3		12.1	Error	0.098	ng/L	F009426
Hg2700-1	00	SAM	0100073-78	500	10/2/20 04:49	1217-1.RAW	4:49:41	13.44655671	3		3.9	Error	0.035	ng/L	F009426
Hg2700-1	00	SAM	0100073-79	500	10/2/20 04:59	1218-1.RAW	4:59:57	5.238193281	3		6.6	Error	0.055	ng/L	F009426
Hg2700-1	00	SAM	0100073-80	500	10/2/20 05:10	1219-1.RAW	5:10:13	7.924375	3		9.0	Error	0.075	ng/L	F009426
Hg2700-1	00	SAM	0100073-81	500	10/2/20 05:20	1220-1.RAW	5:20:29	10.40610592	3		0.0	Error	0.017	ng/L	F009426
Hg2700-1	00	SAM	0100073-82	500	10/2/20 05:30	1221-1.RAW	5:30:45	2.186342593	4		0.0	Error	0.011	ng/L	F009426
Hg2700-1	00	SAM	0100073-83	500	10/2/20 05:41	1222-1.RAW	5:41:01	1.990943287	4		69.8	Error	0.537	ng/L	106.5461625
Hg2700-1	00	CAL	SEQ-CCV	1	10/2/20 05:51	1223-1.RAW	5:51:17	71.18518519	4		-1.4	Error	-0.011	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CBI	1	10/2/20 06:01	1224-1.RAW	6:01:33	0			1.9	Error	0.025	ng/L	F009426
Hg2700-1	00	SAM	0100073-93	500	10/2/20 06:11	1225-1.RAW	6:11:49	3.296640605	4		4.1	Error	0.042	ng/L	F009426
Hg2700-1	00	SAM	0100073-94	500	10/2/20 06:22	1226-1.RAW	6:22:05	5.507349537	4		2.0	Error	0.026	ng/L	F009426
Hg2700-1	00	SAM	0100073-95	500	10/2/20 06:32	1227-1.RAW	6:32:21	3.94554981	4		1.5	Error	0.022	ng/L	F009426
Hg2700-1	00	SAM	0100073-96	500	10/2/20 06:42	1228-1.RAW	6:42:37	2.883391204	4		0.9	Error	0.017	ng/L	F009426
Hg2700-1	00	SAM	0100073-97	500	10/2/20 06:52	1229-1.RAW	6:52:53	2.262268519	4		-0.2	Error	0.009	ng/L	F009426
Hg2700-1	00	SAM	0100073-98	500	10/2/20 07:03	1230-1.RAW	7:03:09	1.13052662	4		1.4	Error	0.021	ng/L	F009426
Hg2700-1	00	SAM	0100073-99	500	10/2/20 07:13	1231-1.RAW	7:13:25	5.244618056	4		0.9	Error	0.018	ng/L	F009426
Hg2700-1	00	SAM	0100073-AB	500	10/2/20 07:23	1232-1.RAW	7:23:41	0			8.753	Error	0.584	ng/L	115.8215999
Hg2700-1	00	SAM	0100073-AC	500	10/2/20 07:33	1233-1.RAW	7:33:57	2.739988426	4		0.4	Error	-0.011	ng/L	F009426
Hg2700-1	00	SAM	0100073-AD	500	10/2/20 07:44	1234-1.RAW	7:44:13	2.277025463	4		0.4	Error	-0.011	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCV	1	10/2/20 07:54	1235-1.RAW	7:54:29	77.26304977	4		6.990	Error	0.014	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CBI	1	10/2/20 08:04	1236-1.RAW	8:04:45	0			31.355	Error	0.063	ng/L	F009426
Hg2700-1	00	SAM	0100073-AH	500	10/2/20 08:15	1237-1.RAW	8:15:01	1.818344407	4		21.2	Error	0.174	ng/L	F009426
Hg2700-1	00	SAM	0100073-AI	500	10/2/20 08:25	1238-1.RAW	8:25:17	8.15625	4		10.3	Error	0.090	ng/L	F009426
Hg2700-1	00	SAM	0100073-AJ	500	10/2/20 08:35	1239-1.RAW	8:35:33	22.60850694	4		4.5	Error	0.045	ng/L	F009426
Hg2700-1	00	SAM	0100073-AK	500	10/2/20 08:45	1240-1.RAW	8:45:49	11.69241898	4		2.1	Error	0.026	ng/L	F009426
Hg2700-1	00	SAM	0100073-AM	500	10/2/20 08:56	1241-1.RAW	9:06:21	3.426012731	4		1.1	Error	0.026	ng/L	F009426
Hg2700-1	00	SAM	0100073-AN	500	10/2/20 09:06	1242-1.RAW	9:16:37	3.4453125	5		-1.4	Error	0.000	ng/L	F009426
Hg2700-1	00	SAM	0100073-AP	500	10/2/20 09:16	1243-1.RAW	9:26:53	2.434548611	5		0.000	Error	0.000	ng/L	F009426
Hg2700-1	00	SAM	0100073-AQ	500	10/2/20 09:26	1244-1.RAW	9:37:09	0			0.000	Error	0.000	ng/L	F009426
Hg2700-1	00	SAM	0100073-AR	500	10/2/20 09:37	1245-1.RAW	9:47:25	0			56.5	Error	0.435	ng/L	86.26804994
Hg2700-1	00	SAM	0100073-AS	500	10/2/20 09:47	1246-1.RAW	9:57:41	57.91076389	5		-1.4	Error	-0.011	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCV	1	10/2/20 09:57	1247-1.RAW	10:07:57	0			6.061	Error	0.012	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CBI	1	10/2/20 10:07	1248-1.RAW	10:18:13	1.576678241	6		9.5	Error	0.083	ng/L	F009426
Hg2700-1	00	SAM	0100073-AV	500	10/2/20 10:18	1249-1.RAW	10:28:29	10.8318213	6		8.1	Error	0.073	ng/L	F009426
Hg2700-1	00	SAM	0100073-AZ	500	10/2/20 10:28	1250-1.RAW	10:38:45	9.502864583	5		5.6	Error	0.054	ng/L	F009426
Hg2700-1	00	SAM	0100073-BA	500	10/2/20 10:38	1251-1.RAW	10:49:01	6.976089572	5					ng/L	F009426
Hg2700-1	00	SAM	0100073-BC	500	1										

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InstalResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100073-BD	500	10/2/20 10:59	1253-LRAW	10:59:17	0	5		-1.4	0.000	0.000	ng/L	F009428
Hg2700-1	00	SAM	0100073-BF	500	10/2/20 11:09	1254-LRAW	11:09:33	15.6306713	5		14.3	0.120	60.088	ng/L	F009428
Hg2700-1	00	SAM	0100073-BG	500	10/2/20 11:19	1255-LRAW	11:19:49	6.7591012731	5		5.9	0.056	27.875	ng/L	F009428
Hg2700-1	00	SAM	0100073-BH	500	10/2/20 11:30	1256-LRAW	11:30:05	6.998553241	5		5.6	0.054	26.904	ng/L	F009428
Hg2700-1	00	SAM	0100073-BI	500	10/2/20 11:40	1257-LRAW	11:40:21	3.584953704	5		2.2	0.028	13.781	ng/L	F009428
Hg2700-1	00	SAM	0100084-02	500	10/2/20 11:50	1258-LRAW	11:50:37	16.45744516	5		15.1	0.118	295.277	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV1	1	10/2/20 12:00	1259-LRAW	12:00:53	57.5275463	5		56.2	0.432	0.432	ng/L	85.70322105
Hg2700-1	00	CAL	SEQ-CCB1	1	10/2/20 12:11	1260-LRAW	12:11:09	0	5		-1.4	-0.011	-0.011	ng/L	F009428
Hg2700-1	00	SAM	0100084-03	2500	10/2/20 12:21	1261-LRAW	12:21:25	6.7828129	5		5.4	0.044	109.319	ng/L	F009428
Hg2700-1	00	SAM	0100085-01	2500	10/2/20 12:31	1262-LRAW	12:31:41	11.63252315	5		10.3	0.081	202.536	ng/L	F009428
Hg2700-1	00	SAM	0100086-01	2500	10/2/20 12:41	1263-LRAW	12:41:57	35.40864699	5		35.2	2.714	6785.120	ng/L	F009428
Hg2700-1	00	SAM	0100089-01	500	10/2/20 12:52	1264-LRAW	12:52:13	0.710821759	5		-0.7	0.005	2.733	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV0	1	10/2/20 13:02	1265-LRAW	13:02:29	48.41099337	5		47.0	0.362	0.362	ng/L	71.7904402
Hg2700-1	00	CAL	SEQ-CCB0	1	10/2/20 13:12	1266-LRAW	13:12:45	0	5		-1.4	-0.011	-0.011	ng/L	F009389
Hg2700-1	00	SAM	0100043-51RE1	1.25	10/2/20 13:23	1267-LRAW	13:23:01	43.48333333	5		42.1	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-52RE1	1.25	10/2/20 13:33	1268-LRAW	13:33:17	86.61247106	5		85.2	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-53RE1	1.25	10/2/20 13:43	1269-LRAW	13:43:33	103.7061921	5		102.3	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-54RE1	1.25	10/2/20 13:53	1270-LRAW	13:53:49	97.18046875	5		95.8	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-55RE1	1.25	10/2/20 14:04	1271-LRAW	14:04:05	57.1962307	5		55.8	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-56RE1	1.25	10/2/20 14:14	1272-LRAW	14:14:21	106.4430266	5		105.1	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-57RE1	1.25	10/2/20 14:24	1273-LRAW	14:24:37	55.53739426	5		54.2	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-58RE1	1.25	10/2/20 14:34	1274-LRAW	14:34:53	104.4570602	5		103.3	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	SAM	0100043-59RE1	1.25	10/2/20 14:45	1275-LRAW	14:45:09	32.64094329	5		31.3	Error	#VALUE!	ng/L	F009389
Hg2700-1	00	CAL	SEQ-CCV1	1	10/2/20 15:05	1276-LRAW	15:05:41	55.70329861	5		54.3	0.418	82.91924416	ng/L	F009391
Hg2700-1	00	CAL	SEQ-CCB1	1	10/2/20 15:15	1277-LRAW	15:15:57	0.83287037	5		-0.5	-0.004	-0.004	ng/L	F009391
Hg2700-1	00	SAM	F009391-85A	10	10/2/20 15:26	1278-LRAW	15:26:13	195.5268148	3		194.2	Error	#VALUE!	ng/L	F009391
Hg2700-1	00	SAM	F009391-85D4	10	10/2/20 15:36	1280-LRAW	15:36:29	139.5289931	3		138.2	Error	#VALUE!	ng/L	F009391
Hg2700-1	00	SAM	F009392-853	10	10/2/20 15:46	1281-LRAW	15:46:45	119.9333912	3		118.6	Error	#VALUE!	ng/L	F009392
Hg2700-1	00	SAM	F009425-MS3	500	10/2/20 16:07	1283-LRAW	16:07:17	185.062037	2		184.7	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009425-MSD3	500	10/2/20 16:17	1284-LRAW	16:17:33	193.8303819	2		192.5	0.154	739.591	ng/L	F009425
Hg2700-1	00	SAM	F009426-MS3	500	10/2/20 16:27	1285-LRAW	16:27:49	20.69969792	3		19.3	0.154	76.967	ng/L	F009426
Hg2700-1	00	SAM	F009426-MSD3	500	10/2/20 16:38	1286-LRAW	16:38:05	190.9575521	3		189.6	1.463	731.484	ng/L	F009426
Hg2700-1	00	SAM	F009426-MSD3	500	10/2/20 16:48	1287-LRAW	16:48:21	193.3516204	3		192.0	1.481	740.689	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCV0	1	10/2/20 17:08	1289-LRAW	17:08:53	73.17766204	3		6.6	0.056	28.051	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCB0	1	10/2/20 17:19	1290-LRAW	17:19:09	0	3		-1.4	-0.011	-0.011	ng/L	109.5968841
Hg2700-1	00	SAM	F009426-MS4	500	10/2/20 17:29	1291-LRAW	17:29:25	197.3052083	3		195.9	1.512	755.886	ng/L	F009426
Hg2700-1	00	SAM	F009426-MSD4	500	10/2/20 17:39	1292-LRAW	17:39:41	192.0094329	3		190.6	1.471	735.528	ng/L	F009426
Hg2700-1	00	SAM	0100073-66RE1	500	10/2/20 17:49	1293-LRAW	17:49:57	115.4444444	4		0.089	0.089	44.360	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS3	500	10/2/20 18:00	1294-LRAW	18:00:13	203.7138889	4		202.3	1.566	783.127	ng/L	F009427
Hg2700-1	00	SAM	F009427-MSD3	500	10/2/20 18:10	1295-LRAW	18:10:29	190.1010706	4		188.7	1.462	730.796	ng/L	F009427
Hg2700-1	00	SAM	0100073-67RE1	500	10/2/20 18:20	1296-LRAW	18:20:45	12.27818287	4		10.9	0.094	47.200	ng/L	F009427
Hg2700-1	00	SAM	F009427-MS4	500	10/2/20 18:31	1297-LRAW	18:31:01	197.1738715	4		195.8	1.516	757.986	ng/L	F009427
Hg2700-1	00	SAM	F009427-MSD4	500	10/2/20 18:41	1298-LRAW	18:41:17	242.3023727	4		240.9	1.863	931.471	ng/L	F009427
Hg2700-1	00	SAM	0100073-AXRE1	500	10/2/20 18:51	1299-LRAW	18:51:33	8.691840278	5		7.3	0.067	33.414	ng/L	F009428
Hg2700-1	00	SAM	F009428-MS3	500	10/2/20 19:01	1300-LRAW	19:01:49	187.6236111	5		186.3	1.443	721.272	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV1	1	10/2/20 19:12	1301-LRAW	19:12:05	72.12789352	5		70.8	0.544	0.544	ng/L	107.9848309
Hg2700-1	00	CAL	SEQ-CCB1	1	10/2/20 19:22	1302-LRAW	19:22:21	1.097937963	5		-0.3	-0.002	-0.002	ng/L	F009428
Hg2700-1	00	SAM	F009428-MSD5	500	10/2/20 19:32	1303-LRAW	19:32:37	189.8590856	5		188.5	1.160	729.866	ng/L	F009428
Hg2700-1	00	SAM	0100084-01RE1	2500	10/2/20 19:42	1304-LRAW	19:42:53	21.93660301	5		20.6	0.160	400.594	ng/L	F009428
Hg2700-1	00	SAM	F009428-MS4	2500	10/2/20 19:53	1305-LRAW	19:53:09	51.03715278	5		49.7	0.394	959.994	ng/L	F009428
Hg2700-1	00	SAM	F009428-MSD4	2500	10/2/20 20:03	1306-LRAW	20:03:25	39.89574653	5		38.5	0.298	745.791	ng/L	F009428
Hg2700-1	00	SAM	0100084-02RE1	500	10/2/20 20:13	1307-LRAW	20:13:41	50.53420139	5		49.2	0.389	194.266	ng/L	F009428
Hg2700-1	00	SAM	0100084-03RE1	500	10/2/20 20:23	1308-LRAW	20:23:57	32.24522569	5		30.9	0.248	123.959	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV5	1	10/2/20 20:34	1309-LRAW	20:34:13	17.83002247	5		16.5	0.127	0.127	ng/L	25.12077561
Hg2700-1	00	CAL	SEQ-CCB5	1	10/2/20 20:44	1310-LRAW	20:44:29	0	5		-1.4	-0.011	-0.011	ng/L	F009428

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Unconnected Responses	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	CAL	SEQ-IBL1	1	10/1/20 13:41	1005-1.RAW	13:41:03	137			0.0	0.000	0.000	ng/L	
Hg2700-1	00	CAL	SEQ-CAL1	1	10/1/20 13:51	1006-1.RAW	13:51:19	730			5.9	0.046	0.046	ng/L	
Hg2700-1	00	CAL	SEQ-CAL2	1	10/1/20 14:01	1007-1.RAW	14:01:34	2556			24.2	0.186	0.186	ng/L	
Hg2700-1	00	CAL	SEQ-CAL3	1	10/1/20 14:11	1008-1.RAW	14:11:50	12974			128.4	0.987	0.987	ng/L	
Hg2700-1	00	CAL	SEQ-CAL4	1	10/1/20 14:22	1009-1.RAW	14:22:05	29410			292.7	2.251	2.251	ng/L	
Hg2700-1	00	CAL	SEQ-CAL5	1	10/1/20 14:32	1010-1.RAW	14:32:21	54525			543.9	4.182	4.182	ng/L	
Hg2700-1	00	CAL	SEQ-ICB1	1	10/1/20 14:42	1011-1.RAW	14:42:36	7712			75.8	0.582	0.582	ng/L	115.6107012
Hg2700-1	00	SAM	F009391-853	10	10/1/20 14:52	1012-1.RAW	14:52:52	323			1.9	0.014	0.014	ng/L	
Hg2700-1	00	SAM	F009391-853D3	10	10/1/20 15:03	1013-1.RAW	15:03:08	22830	1		226.9	1.745	17.448	ng/L	F009391
Hg2700-1	00	SAM	F009392-852	10	10/1/20 15:13	1014-1.RAW	15:13:24	16313	1		161.8	1.244	12.437	ng/L	F009391
Hg2700-1	00	SAM	F009392-852D2	10	10/1/20 15:23	1015-1.RAW	15:23:39	8872	2		87.3	0.672	6.716	ng/L	F009392
Hg2700-1	00	CAL	SEQ-CCV1	1	10/1/20 15:33	1016-1.RAW	15:33:56	16203	2		160.7	1.235	12.352	ng/L	F009392
Hg2700-1	00	CAL	SEQ-CCB1	1	10/1/20 15:44	1017-1.RAW	15:44:11	6900			67.6	0.520	0.520	ng/L	103.206226
Hg2700-1	00	SAM	F009426-851	1000	10/1/20 15:54	1018-1.RAW	15:54:26	446			3.1	0.024	0.024	ng/L	
Hg2700-1	00	SAM	F009424-851	1000	10/1/20 16:04	1019-1.RAW	16:04:42	333			2.0	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009425-851	1000	10/1/20 16:14	1020-1.RAW	16:14:59	15657			155.2	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	F009425-851D1	1000	10/1/20 16:25	1021-1.RAW	16:25:14	20456			203.2	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	F009426-851	1000	10/1/20 16:35	1022-1.RAW	16:35:31	32555			324.2	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	ERR	1000	10/1/20 16:45	1023-1.RAW	16:45:47	36983			368.5	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009426-851	1000	10/1/20 16:56	1024-1.RAW	16:56:03	34012			338.7	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009427-851	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009426 - COMPUTER STALL
Hg2700-1	00	SAM	F009427-851D1	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	F009428-851	1000	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	WS	1	10/1/20 0:00						-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCV2	1	10/1/20 17:20	1025-1.RAW	17:20:12	50638			-1.4	Error	#VALUE!	ng/L	
Hg2700-1	00	CAL	SEQ-CCB2	1	10/1/20 17:30	1027-1.RAW	17:30:28	6397			505.0	Error	#VALUE!	ng/L	CLEARING LINES
Hg2700-1	00	SAM	F009427-851	1000	10/1/20 17:40	1028-1.RAW	17:40:44	147			62.6	0.481	0.481	ng/L	95.53341579
Hg2700-1	00	SAM	F009428-851	1000	10/1/20 17:51	1029-1.RAW	17:51:01	21826			0.1	0.001	0.001	ng/L	
Hg2700-1	00	SAM	F009428-851D1	1000	10/1/20 18:01	1030-1.RAW	18:01:16	19002			216.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCV3	1	10/1/20 18:11	1031-1.RAW	18:11:32	30338			186.7	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCB3	1	10/1/20 18:21	1032-1.RAW	18:21:47	7334			302.0	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	F009424-852	1000	10/1/20 18:32	1033-1.RAW	18:32:03	889			72.0	0.553	0.553	ng/L	109.8412785
Hg2700-1	00	SAM	F009424-852D2	1000	10/1/20 18:42	1034-1.RAW	18:42:19	22566			-0.5	-0.004	-0.004	ng/L	
Hg2700-1	00	SAM	F009425-852	1000	10/1/20 18:52	1035-1.RAW	18:52:34	17157			224.3	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	F009425-852D2	1000	10/1/20 19:02	1036-1.RAW	19:02:51	43404			170.2	Error	#VALUE!	ng/L	F009424
Hg2700-1	00	SAM	F009426-852	1000	10/1/20 19:13	1037-1.RAW	19:13:06	44866			432.7	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	F009426-852D2	1000	10/1/20 19:23	1038-1.RAW	19:23:22	41515			447.3	Error	#VALUE!	ng/L	F009425
Hg2700-1	00	SAM	SEQ-CCV4	1	10/1/20 19:33	1039-1.RAW	19:33:38	35820			413.8	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCB4	1	10/1/20 19:43	1040-1.RAW	19:43:54	6150			356.8	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	F009428-851	1000	10/1/20 19:54	1041-1.RAW	19:54:09	225			60.1	0.462	0.462	ng/L	91.76770767
Hg2700-1	00	SAM	F009424-81K1	500	10/1/20 20:04	1042-1.RAW	20:04:25	32208			0.9	0.007	0.007	ng/L	
Hg2700-1	00	BLK	F009424-81K2	500	10/1/20 20:14	1043-1.RAW	20:14:40	215			0.8	0.006	0.006	ng/L	F009428
Hg2700-1	00	BLK	F009424-81K3	500	10/1/20 20:24	1044-1.RAW	20:24:55	0.00			-0.1	-0.011	-0.011	ng/L	F009424
Hg2700-1	00	BLK	F009424-81K4	500	10/1/20 20:35	1045-1.RAW	20:35:11	0.57			-0.8	-0.006	-0.006	ng/L	F009424
Hg2700-1	00	BLK	F009424-81K4	500	10/1/20 20:45	1046-1.RAW	20:45:26	0.00			-1.4	-0.011	-0.011	ng/L	F009424

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Responses	Batch ID	No PB Connection?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hq2700-1	00	BLK	F009424-BLK5	500	10/1/20 20:55	1047-1.RAW	20:55:42	1.18			-0.2	-0.001	-0.731	ng/L	F009424
Hq2700-1	00	BLK	F009424-BLK6	500	10/1/20 21:05	1048-1.RAW	21:05:57	1.30			-0.1	-0.001	-0.274	ng/L	F009424
Hq2700-1	00	BLK	F009424-BLK7	500	10/1/20 21:16	1049-1.RAW	21:16:14	0.00			-1.4	-0.11	-5.254	ng/L	F009424
Hq2700-1	00	BLK	F009425-BLK2	500	10/1/20 21:26	1050-1.RAW	21:26:30	1.99			0.6	0.005	2.400	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCV5	1	10/1/20 21:36	1051-1.RAW	21:36:46	60.35			59.0	0.453	0.453	ng/L	90.00478681
Hq2700-1	00	CAL	SEQ-CCB5	1	10/1/20 21:47	1052-1.RAW	21:47:02	1.12			-0.3	-0.002	-0.002	ng/L	
Hq2700-1	00	BLK	F009425-BLK3	500	10/1/20 21:57	1053-1.RAW	21:57:17	2.33			1.0	0.007	3.698	ng/L	F009425
Hq2700-1	00	BLK	F009426-BLK1	500	10/1/20 22:07	1054-1.RAW	22:07:33	0.93			-0.4	-0.003	-1.706	ng/L	F009426
Hq2700-1	00	BLK	F009426-BLK2	500	10/1/20 22:17	1055-1.RAW	22:17:49	0.00			-1.4	-0.011	-5.264	ng/L	F009426
Hq2700-1	00	BLK	F009426-BLK3	500	10/1/20 22:28	1056-1.RAW	22:28:05	1.11			-0.3	-0.002	-1.010	ng/L	F009426
Hq2700-1	00	SAM	F009427-BLK1	500	10/1/20 22:38	1057-1.RAW	22:38:21	0.00			-1.4	-0.011	-5.264	ng/L	F009427
Hq2700-1	00	SAM	ERR	500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM		500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM		500	10/1/20 00:00						-1.4	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CCV6	1	10/1/20 1:22	1059-1.RAW	1:22:30	71.97			-1.4	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CCB6	1	10/1/20 1:32	1060-1.RAW	1:32:45	1.14			70.6	0.543	0.543	ng/L	107.7395773
Hq2700-1	00	SAM	F009424-M51	500	10/1/20 1:46	1061-1.RAW	1:46:57	5.94			4.2	-0.002	-0.002	ng/L	
Hq2700-1	00	SAM	F009424-M5D1	500	10/1/20 1:57	1062-1.RAW	1:57:12	117.59			4.2	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009424-M52	2500	10/1/20 2:07	1063-1.RAW	2:07:28	166.73			165.4	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009424-M5D2	2500	10/1/20 2:17	1064-1.RAW	2:17:43	0.27			-1.1	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009425-M51	500	10/1/20 2:27	1065-1.RAW	2:27:59	26.93			25.6	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	F009425-M5D1	500	10/1/20 2:38	1066-1.RAW	2:38:14	21.44			20.1	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	F009425-M52	500	10/1/20 2:48	1067-1.RAW	2:48:30	4.5			4.5	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	F009425-M5D1	500	10/1/20 3:09	1068-1.RAW	2:58:45	175.86			174.5	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	F009425-M5D2	500	10/1/20 3:19	1069-1.RAW	3:09:01	184.44			183.1	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCV7	1	10/1/20 3:29	1070-1.RAW	3:19:17	12.32			11.0	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CCB7	1	10/1/20 3:39	1071-1.RAW	3:39:48	63.90			62.5	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	F009425-M52	500	10/1/20 3:50	1072-1.RAW	3:50:04	0.39			-1.0	-0.008	-0.008	ng/L	95.42681831
Hq2700-1	00	SAM	F009426-M5D1	500	10/1/20 4:10	1073-1.RAW	4:00:21	177.59			176.2	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009426-M52	500	10/1/20 4:20	1074-1.RAW	4:10:36	19.03			17.7	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009426-M5D1	500	10/1/20 4:31	1075-1.RAW	4:20:53	187.85			186.5	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009426-M52	500	10/1/20 4:41	1076-1.RAW	4:31:09	194.76			193.4	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009426-M5D1	500	10/1/20 4:51	1077-1.RAW	4:41:25	6.27			6.9	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009426-M52	500	10/1/20 5:01	1078-1.RAW	4:51:41	165.02			164.6	Error	#VALUE!	ng/L	F009426
Hq2700-1	00	SAM	F009427-M5D1	500	10/1/20 5:12	1079-1.RAW	5:01:58	167.94			166.6	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009427-M52	500	10/1/20 5:22	1080-1.RAW	5:12:14	14.11			12.7	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CCV8	1	10/1/20 5:32	1081-1.RAW	5:22:31	186.83			185.5	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	CAL	SEQ-CCB8	1	10/1/20 5:43	1082-1.RAW	5:32:47	41.25			39.9	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009427-M5D1	500	10/1/20 5:53	1083-1.RAW	5:43:02	1.22			-0.001	-0.001	-0.001	ng/L	60.86574464
Hq2700-1	00	SAM	F009427-M52	500	10/1/20 6:03	1084-1.RAW	5:53:18	133.86			132.5	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009427-M5D1	500	10/1/20 6:13	1085-1.RAW	6:03:34	6.33			5.0	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009427-M52	500	10/1/20 6:24	1086-1.RAW	6:13:50	191.74			190.4	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009427-M5D1	500	10/1/20 6:34	1087-1.RAW	6:24:07	177.30			175.9	Error	#VALUE!	ng/L	F009427
Hq2700-1	00	SAM	F009428-M51	500	10/1/20 6:44	1088-1.RAW	6:34:22	0.00			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 6:54	1089-1.RAW	6:44:39	63.51			62.1	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	2500	10/1/20 7:05	1090-1.RAW	6:54:55	94.54			53.2	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	2500	10/1/20 7:15	1091-1.RAW	7:05:11	16.71			15.3	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	2500	10/1/20 7:25	1092-1.RAW	7:15:27	56.52			55.2	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CCV9	1	10/1/20 7:36	1093-1.RAW	7:25:44	51.24			49.9	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CCB9	1	10/1/20 7:46	1094-1.RAW	7:36:00	51.60			50.2	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 7:56	1095-1.RAW	7:46:16	0.00			-1.4	-0.011	-0.011	ng/L	76.66168865
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 8:06	1096-1.RAW	7:56:32	408.43			407.1	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 8:17	1097-1.RAW	8:06:46	5.93			4.6	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 8:27	1098-1.RAW	8:17:04	3.47			2.1	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 8:37	1100-1.RAW	8:27:20	3.47			2.1	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 8:47	1101-1.RAW	8:37:36	0.00			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 8:58	1102-1.RAW	8:47:52	0.00			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 9:08	1103-1.RAW	8:58:08	13.83			12.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 9:18	1104-1.RAW	9:08:24	12.62			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 9:28	1105-1.RAW	9:18:40	0.00			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 9:39	1106-1.RAW	9:28:55	0.00			-1.4	Error	#VALUE!	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CCVA	1	10/1/20 9:49	1107-1.RAW	9:39:11	53.91			52.5	Error	#VALUE!	ng/L	80.19004738
Hq2700-1	00	CAL	SEQ-CCBA	1	10/1/20 9:59	1108-1.RAW	9:49:26	0.27			-1.1	-0.008	-0.008	ng/L	F009424
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 10:09	1109-1.RAW	9:59:42	0.00			-1.4	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 10:20	1110-1.RAW	10:09:57	10.86			9.5	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009428-M52	500	10/1/20 10:30	1111-1.RAW	10:20:13	10.86			14.0	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	F009428-M5D1	500	10/1/20 10:30	1112-1.RAW	10:30:28	15.33			14.0	Error	#VALUE!	ng/L	F009424

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FileID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hq2700-1	00	SAM	0100073-21	500	10/1/20 10:40	1113-1.RAW	10:40:44	0.00			-1.4	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	0100073-23	500	10/1/20 10:51	1114-1.RAW	10:51:00	8.11			6.7	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	0100073-24	500	10/1/20 11:01	1115-1.RAW	11:01:17	7.95			6.6	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	0100076-01	500	10/1/20 11:11	1116-1.RAW	11:11:33	3.76			2.4	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	0100073-26	500	10/1/20 11:21	1117-1.RAW	11:21:49	9.43			8.1	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	SAM	0100073-29	500	10/1/20 11:32	1118-1.RAW	11:32:05	6.10			4.7	Error	#VALUE!	ng/L	F009424
Hq2700-1	00	CAL	SEQ-CVIB	1	10/1/20 11:42	1119-1.RAW	11:42:21	50.78			49.4	Error	0.380	ng/L	75-40676172
Hq2700-1	00	CAL	SEQ-CVBB	1	10/1/20 11:52	1120-1.RAW	11:52:37	0.00			-1.4	Error	-0.011	ng/L	
Hq2700-1	00	SAM	0100073-30	500	10/1/20 12:02	1121-1.RAW	12:02:54	3.40			2.0	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-32	500	10/1/20 12:13	1122-1.RAW	12:13:10	0.50			-0.9	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-33	500	10/1/20 12:23	1123-1.RAW	12:23:26	2.74			1.4	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-35	500	10/1/20 12:33	1124-1.RAW	12:33:43	4.62			3.2	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-38	500	10/1/20 12:43	1125-1.RAW	12:43:59	20.61			19.2	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-39	500	10/1/20 12:54	1126-1.RAW	12:54:15	18.45			9.2	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-40	500	10/1/20 13:04	1127-1.RAW	13:04:31	10.54			8.1	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-41	500	10/1/20 13:14	1128-1.RAW	13:14:47	9.51			9.8	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-43	500	10/1/20 13:25	1129-1.RAW	13:25:03	11.20			6.1	Error	0.378	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CVCC	1	10/1/20 13:35	1130-1.RAW	13:35:19	7.47			-1.4	Error	-0.011	ng/L	74-99516476
Hq2700-1	00	CAL	SEQ-CVCC	1	10/1/20 13:45	1131-1.RAW	13:45:35	50.51			10.0	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	CAL	SEQ-CVCC	1	10/1/20 14:06	1132-1.RAW	14:06:07	11.40			6.5	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-45	500	10/1/20 14:16	1134-1.RAW	14:16:23	7.88			5.8	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-51	500	10/1/20 14:26	1135-1.RAW	14:26:39	7.17			4.9	Error	#VALUE!	ng/L	F009425
Hq2700-1	00	SAM	0100073-52	500	10/1/20 14:36	1136-1.RAW	14:36:55	6.27			-1.4	Error	-0.011	ng/L	F009425
Hq2700-1	00	BLK	F009425-BLK1	500	10/1/20 14:47	1137-1.RAW	14:47:11	0.00			-1.4	Error	-0.011	ng/L	F009425
Hq2700-1	00	BLK	F009425-BLK2	500	10/1/20 14:57	1138-1.RAW	14:57:28	0.00			-1.4	Error	-0.011	ng/L	F009425
Hq2700-1	00	BLK	F009428-BLK1	500	10/1/20 15:07	1139-1.RAW	15:07:44	0.00			-1.4	Error	-0.011	ng/L	F009428
Hq2700-1	00	BLK	F009428-BLK2	500	10/1/20 15:17	1140-1.RAW	15:17:59	0.00			-1.4	Error	-0.011	ng/L	F009428
Hq2700-1	00	BLK	F009428-BLK3	500	10/1/20 15:28	1141-1.RAW	15:28:15	0.00			-1.4	Error	-0.011	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CVCD	1	10/1/20 15:38	1142-1.RAW	15:38:31	0.00			-1.4	Error	-0.011	ng/L	F009428
Hq2700-1	00	CAL	SEQ-CVCD	1	10/1/20 15:48	1143-1.RAW	15:48:47	53.25			51.9	Error	0.399	ng/L	79-16933462
Hq2700-1	00	SAM	F009389-851	1.25	10/1/20 16:09	1144-1.RAW	15:59:03	0.00	3		-1.4	Error	-0.011	ng/L	F009389
Hq2700-1	00	SAM	F009389-8501	1.25	10/1/20 16:19	1146-1.RAW	16:09:19	126.16	3		126.8	Error	1.114	ng/L	F009389
Hq2700-1	00	SAM	F009443-851	1.25	10/1/20 16:29	1147-1.RAW	16:19:34	137.40	3		136.0	Error	1.203	ng/L	F009389
Hq2700-1	00	SAM	F009443-8501	1.25	10/1/20 16:39	1149-1.RAW	16:29:51	125.56	3		124.2	Error	0.962	ng/L	F009443
Hq2700-1	00	BLK	F009389-BLK1	1.25	10/1/20 16:40	1148-1.RAW	16:40:06	134.73	4		133.4	Error	1.033	ng/L	F009443
Hq2700-1	00	BLK	F009389-BLK2	1.25	10/1/20 16:50	1149-1.RAW	16:50:22	27.98	3		26.6	Error	0.256	ng/L	F009389
Hq2700-1	00	BLK	F009389-BLK3	1.25	10/1/20 17:00	1150-1.RAW	17:00:39	8.64	3		7.3	Error	0.070	ng/L	F009389
Hq2700-1	00	BLK	F009443-BLK1	1.25	10/1/20 17:10	1151-1.RAW	17:10:55	0.00	3		-1.4	Error	-0.011	ng/L	F009389
Hq2700-1	00	BLK	F009443-BLK2	1.25	10/1/20 17:21	1152-1.RAW	17:21:11	0.00	4		-1.4	Error	-0.011	ng/L	F009389
Hq2700-1	00	BLK	F009443-BLK3	1.25	10/1/20 17:31	1153-1.RAW	17:31:28	1.13	4		-0.2	Error	-0.002	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CVCE	1	10/1/20 17:41	1154-1.RAW	17:41:44	0.00	4		-1.4	Error	-0.011	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CVCE	1	10/1/20 17:52	1155-1.RAW	17:52:00	76.96	4		75.6	Error	0.581	ng/L	115-3597511
Hq2700-1	00	CAL	SEQ-CVCE	1	10/1/20 18:02	1156-1.RAW	18:02:16	0.00	3		-1.4	Error	-0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-21	1.25	10/1/20 18:12	1157-1.RAW	18:12:32	5.63	3		4.3	Error	-0.051	ng/L	F009389
Hq2700-1	00	SAM	F009389-MS1	1.25	10/1/20 18:24	1159-1.RAW	18:14:13	422.30	3		-1.4	Error	-0.094	ng/L	F009389 - computer stall
Hq2700-1	00	SAM	0100043-22	1.25	10/1/20 18:34	1160-1.RAW	18:14:29	10.14	3		420.9	Error	3.153	ng/L	F009389 - err, no wash
Hq2700-1	00	SAM	F009389-MS2	1.25	10/1/20 19:04	1161-1.RAW	19:04:29	152.44	3		8.8	Error	-0.020	ng/L	F009389
Hq2700-1	00	SAM	F009389-MS2	1.25	10/1/20 19:14	1162-1.RAW	19:14:45	151.28	3		451.1	Error	1.078	ng/L	F009389
Hq2700-1	00	SAM	0100075-06	1.25	10/1/20 19:25	1163-1.RAW	19:25:01	151.28	3		149.9	Error	1.337	ng/L	F009389
Hq2700-1	00	SAM	F009443-MS1	1.25	10/1/20 19:35	1164-1.RAW	19:35:17	1.86	4		0.5	Error	0.012	ng/L	F009443
Hq2700-1	00	SAM	F009443-MS1	1.25	10/1/20 19:45	1165-1.RAW	19:45:33	161.95	4		160.6	Error	0.014	ng/L	F009443
Hq2700-1	00	SAM	0100043-51	50	10/1/20 20:06	1166-1.RAW	19:55:49	166.28	4		164.9	Error	1.594	ng/L	F009443
Hq2700-1	00	CAL	SEQ-CVCF	1	10/1/20 20:16	1167-1.RAW	20:06:05	1.11	3		-0.3	Error	-0.004	ng/L	F009389
Hq2700-1	00	CAL	SEQ-CVCF	1	10/1/20 20:26	1168-1.RAW	20:16:21	76.34	3		75.0	Error	0.576	ng/L	1114-413003
Hq2700-1	00	SAM	0100043-52	50	10/1/20 20:36	1169-1.RAW	20:26:37	0.00	3		-1.4	Error	-0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-53	50	10/1/20 20:47	1170-1.RAW	20:36:53	2.87	3		1.5	Error	0.009	ng/L	F009389
Hq2700-1	00	SAM	0100043-54	50	10/1/20 20:57	1171-1.RAW	20:47:09	3.06	3		1.7	Error	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-55	50	10/1/20 21:07	1172-1.RAW	20:57:25	9.28	3		7.9	Error	0.059	ng/L	F009389
Hq2700-1	00	SAM	0100043-56	50	10/1/20 21:17	1173-1.RAW	21:07:41	2.14	3		0.8	Error	0.004	ng/L	F009389
Hq2700-1	00	SAM	0100043-57	50	10/1/20 21:28	1174-1.RAW	21:17:57	3.58	3		2.2	Error	0.015	ng/L	F009389
Hq2700-1	00	SAM	0100043-58	50	10/1/20 21:38	1175-1.RAW	21:28:13	3.08	3		1.7	Error	0.011	ng/L	F009389
Hq2700-1	00	SAM	0100043-59	50	10/1/20 21:48	1176-1.RAW	21:38:29	2.56	3		1.2	Error	0.007	ng/L	F009389
Hq2700-1	00	SAM	0100043-60	50	10/1/20 21:59	1177-1.RAW	21:48:45	1.27	3		-0.1	Error	-0.003	ng/L	F009389
Hq2700-1	00	SAM	0100043-23	1.25	10/1/20 22:09	1178-1.RAW	21:59:01	2.03	3		0.7	Error	0.003	ng/L	F009389
Hq2700-1	00	CAL	SEQ-CVCG	1	10/1/20 22:19	1179-1.RAW	22:09:17	9.56	3		8.2	Error	-0.020	ng/L	F009389
Hq2700-1	00	CAL	SEQ-CVCG	1	10/1/20 22:29	1180-1.RAW	22:19:33	82.95	3		81.6	Error	0.627	ng/L	124-4954284
Hq2700-1	00	CAL	SEQ-CVCG	1	10/1/20 22:40	1181-1.RAW	22:29:49	1.84	3		0.5	Error	0.004	ng/L	F009389
Hq2700-1	00	SAM	0100043-24	1.25	10/1/20 22:50	1182-1.RAW	22:40:05	11.03	3		10.3	Error	-0.004	ng/L	F009389
Hq2700-1	00	SAM	0100043-25	1.25	10/1/20 22:50	1182-1.RAW	22:50:21	6.85	3		5.5	Error	-0.052	ng/L	F009389

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analyzed	FieldID	Run End	Uncorrected Response	Batch ID	No PB Correction?	RESP	InitialResult	FinalResult	InitialUnits	Comments
Hg2700-1	00	SAM	0100043-26	1.25	10/1/20 23:00	1183-1.RAW	23:00:37	5.23	3		3.9	-0.054	-0.067	ng/L	F009389
Hg2700-1	00	SAM	0100043-27	1.25	10/1/20 23:10	1184-1.RAW	23:10:53	2.25	3		0.9	-0.077	-0.096	ng/L	F009389
Hg2700-1	00	SAM	0100043-28	1.25	10/1/20 23:21	1185-1.RAW	23:21:09	5.58	3		4.2	-0.051	-0.064	ng/L	F009389
Hg2700-1	00	SAM	0100043-29	1.25	10/1/20 23:31	1186-1.RAW	23:31:25	17.82	3		16.5	0.043	0.054	ng/L	F009389
Hg2700-1	00	SAM	0100043-30	1.25	10/1/20 23:41	1187-1.RAW	23:41:41	9.35	3		8.0	-0.022	-0.027	ng/L	F009389
Hg2700-1	00	SAM	0100075-01	1.25	10/1/20 23:51	1188-1.RAW	23:51:57	7.53	4		6.2	0.040	0.050	ng/L	F009443
Hg2700-1	00	SAM	0100075-02	1.25	10/2/20 0:02	1189-1.RAW	0:02:13	9.36	4		6.2	0.055	0.069	ng/L	F009443
Hg2700-1	00	SAM	0100075-03	1.25	10/2/20 0:12	1190-1.RAW	0:12:29	9.36	4		8.6	0.074	0.092	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCVH	1	10/2/20 0:22	1191-1.RAW	0:22:45	71.36	4		70.0	0.538	0.538	ng/L	106.6103158
Hg2700-1	00	CAL	SEQ-CCBH	1	10/2/20 0:33	1192-1.RAW	0:33:01	0.00	4		-1.4	-0.011	-0.011	ng/L	
Hg2700-1	00	SAM	0100075-04	1.25	10/2/20 0:43	1193-1.RAW	0:43:17	9.45	4		8.1	0.070	0.087	ng/L	F009443
Hg2700-1	00	SAM	0100075-05	1.25	10/2/20 0:53	1194-1.RAW	0:53:33	9.41	4		8.0	0.069	0.087	ng/L	F009443
Hg2700-1	00	SAM	0100080-02	1.25	10/2/20 1:03	1195-1.RAW	1:03:49	12.05	4		10.7	0.090	0.112	ng/L	F009443
Hg2700-1	00	SAM	0100080-03	1.25	10/2/20 1:14	1196-1.RAW	1:14:05	1.80	4		0.4	0.011	0.014	ng/L	F009443
Hg2700-1	00	SAM	0100080-04	1.25	10/2/20 1:24	1197-1.RAW	1:24:21	0.66	4		-0.5	0.004	0.005	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCVI	1	10/2/20 1:34	1198-1.RAW	1:34:37	2.73	4		1.4	0.018	0.023	ng/L	F009443
Hg2700-1	00	CAL	SEQ-CCBI	1	10/2/20 1:44	1199-1.RAW	1:44:53	83.47	4		82.1	0.631	0.631	ng/L	125.29556602
Hg2700-1	00	SAM	0100073-57	500	10/2/20 1:55	1200-1.RAW	1:55:09	2.37	0		1.0	0.008	0.008	ng/L	F009426
Hg2700-1	00	SAM	0100073-59	500	10/2/20 2:05	1201-1.RAW	2:05:25	17.3638426	0		16.0	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-60	500	10/2/20 2:15	1202-1.RAW	2:15:41	0	0		-1.4	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-63	500	10/2/20 2:25	1203-1.RAW	2:25:57	0	0		-1.4	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-64	500	10/2/20 2:36	1204-1.RAW	2:36:13	5.929294909	0		4.6	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-66	500	10/2/20 2:46	1205-1.RAW	2:46:29	0	0		-1.4	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-69	500	10/2/20 3:07	1206-1.RAW	2:56:45	20.53321759	0		19.2	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-70	500	10/2/20 3:17	1207-1.RAW	3:07:01	12.45044838	0		11.1	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-72	500	10/2/20 3:27	1208-1.RAW	3:17:17	7.147939833	0		5.8	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCVJ	1	10/2/20 3:37	1209-1.RAW	3:27:33	12.1490162	0		10.8	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCVJ	1	10/2/20 3:48	1210-1.RAW	3:37:49	12.66134259	0		11.3	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCBI	1	10/2/20 3:58	1211-1.RAW	3:48:05	77.39010417	0		76.0	0.584	0.584	ng/L	116.0154978
Hg2700-1	00	SAM	0100073-74	500	10/2/20 4:08	1212-1.RAW	3:58:21	0	0		-1.4	-0.011	-0.011	ng/L	F009426
Hg2700-1	00	SAM	0100073-75	500	10/2/20 4:18	1213-1.RAW	4:08:37	10.05332755	0		8.7	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-78	500	10/2/20 4:29	1214-1.RAW	4:18:53	9.98202315	0		8.6	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-81	500	10/2/20 4:39	1215-1.RAW	4:29:09	10.06963574	0		8.7	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-84	500	10/2/20 4:49	1216-1.RAW	4:39:25	28.59853944	0		27.2	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-85	500	10/2/20 4:59	1217-1.RAW	4:49:41	13.44655671	0		12.1	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-88	500	10/2/20 5:10	1218-1.RAW	4:59:57	5.238193281	0		3.9	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-89	500	10/2/20 5:20	1219-1.RAW	5:10:13	7.9234375	0		6.6	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-90	500	10/2/20 5:30	1220-1.RAW	5:20:29	10.40610532	0		9.0	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	SAM	0100073-91	500	10/2/20 5:41	1221-1.RAW	5:30:45	2.186342593	0		0.8	Error	#VALUE!	ng/L	F009426
Hg2700-1	00	CAL	SEQ-CCVK	1	10/2/20 5:51	1222-1.RAW	5:41:01	1.390943287	0		0.0	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCBK	1	10/2/20 6:01	1223-1.RAW	5:51:17	71.18518519	0		69.8	0.537	0.537	ng/L	106.5461625
Hg2700-1	00	SAM	0100073-93	500	10/2/20 6:11	1224-1.RAW	6:01:33	0	0		-1.4	-0.011	-0.011	ng/L	F009427
Hg2700-1	00	SAM	0100073-94	500	10/2/20 6:22	1225-1.RAW	6:11:49	3.296864065	0		1.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-96	500	10/2/20 6:32	1226-1.RAW	6:22:05	5.507949537	0		4.1	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-97	500	10/2/20 6:42	1227-1.RAW	6:32:21	3.345549391	0		2.0	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-98	500	10/2/20 6:52	1228-1.RAW	6:42:37	2.883391204	0		1.5	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-99	500	10/2/20 7:03	1229-1.RAW	6:52:53	2.262268519	0		0.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-A8	500	10/2/20 7:13	1230-1.RAW	7:03:09	1.13052662	0		0.2	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AE	500	10/2/20 7:23	1231-1.RAW	7:13:25	5.244618056	0		-1.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AE	500	10/2/20 7:33	1232-1.RAW	7:23:41	0	0		0.0	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCVL	1	10/2/20 7:44	1233-1.RAW	7:33:57	2.739888426	0		1.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	CAL	SEQ-CCBL	1	10/2/20 7:54	1234-1.RAW	7:44:13	2.277025463	0		0.9	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AH	500	10/2/20 8:04	1235-1.RAW	7:54:29	71.26304977	0		75.9	0.584	0.584	ng/L	115.8215999
Hg2700-1	00	SAM	0100073-AI	500	10/2/20 8:15	1236-1.RAW	8:04:45	0	0		-1.4	-0.011	-0.011	ng/L	F009427
Hg2700-1	00	SAM	0100073-AK	500	10/2/20 8:25	1237-1.RAW	8:15:01	1.616344007	0		0.4	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AM	500	10/2/20 8:35	1238-1.RAW	8:25:17	8.15025	0		6.8	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AN	500	10/2/20 8:45	1239-1.RAW	8:35:33	22.60830694	0		21.2	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AP	500	10/2/20 8:56	1240-1.RAW	8:45:49	11.69241898	0		10.3	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AR	500	10/2/20 9:06	1241-1.RAW	8:56:05	5.856440972	0		4.5	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AS	500	10/2/20 9:16	1242-1.RAW	9:06:21	3.426012731	0		2.1	Error	#VALUE!	ng/L	F009427
Hg2700-1	00	SAM	0100073-AU	500	10/2/20 9:26	1243-1.RAW	9:16:37	3.4433125	0		2.1	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-AV	500	10/2/20 9:37	1244-1.RAW	9:26:53	2.435456811	0		1.1	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCVM	1	10/2/20 9:47	1245-1.RAW	9:37:09	0	0		-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	CAL	SEQ-CCBM	1	10/2/20 9:57	1246-1.RAW	9:47:25	0	0		-1.4	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-AW	500	10/2/20 10:07	1247-1.RAW	9:57:41	57.91076389	0		56.5	0.435	0.435	ng/L	86.28804994
Hg2700-1	00	SAM	0100073-AZ	500	10/2/20 10:18	1248-1.RAW	10:07:57	0	0		-1.4	-0.011	-0.011	ng/L	F009428
Hg2700-1	00	SAM	0100073-BA	500	10/2/20 10:28	1249-1.RAW	10:18:13	1.576548241	0		0.2	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BC	500	10/2/20 10:38	1250-1.RAW	10:28:29	10.63119213	0		9.5	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BC	500	10/2/20 10:49	1251-1.RAW	10:38:45	9.502664583	0		8.1	Error	#VALUE!	ng/L	F009428
Hg2700-1	00	SAM	0100073-BC												

Instrument	Analyst	Sample Type	LabNumber	Dilution	Analysed	FileID	Run End	Unconnected Response	Batch ID	No PB Correction?	RESP	IntnlResult	FinalResult	IntnlUnits	Comments
Hg2700-1	00	SAM	0100073-BD	500	10/2/20 10:59	1253-LRAW	10:59:17	0			-1.4	#VALUE!	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BF	500	10/2/20 11:09	1254-LRAW	11:09:33	15.0306713			14.3	Error	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BG	500	10/2/20 11:19	1255-LRAW	11:19:49	7.251012731			5.9	Error	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BH	500	10/2/20 11:30	1256-LRAW	11:30:05	6.998553241			5.6	Error	ng/L	F009428	
Hg2700-1	00	SAM	0100073-BI	500	10/2/20 11:40	1257-LRAW	11:40:21	3.584953704			2.2	Error	ng/L	F009428	
Hg2700-1	00	CAL	0100084-02	2500	10/2/20 11:50	1258-LRAW	11:50:37	16.45744516			15.1	Error	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CVW	1	10/2/20 12:00	1259-LRAW	12:00:53	57.5275463			56.2	Error	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CCBN	1	10/2/20 12:11	1260-LRAW	12:11:09	0			-1.4	-0.011	ng/L	85.70322105	
Hg2700-1	00	SAM	0100084-03	2500	10/2/20 12:21	1261-LRAW	12:21:25	6.7828125			5.4	Error	ng/L	F009428	
Hg2700-1	00	SAM	0100085-01	2500	10/2/20 12:31	1262-LRAW	12:31:41	11.63252315			10.3	Error	ng/L	F009428	
Hg2700-1	00	SAM	0100086-01	2500	10/2/20 12:41	1263-LRAW	12:41:57	354.0964699			352.7	Error	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CVO	1	10/2/20 13:02	1264-LRAW	13:02:29	48.41099537			-0.7	Error	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CCBO	1	10/2/20 13:12	1265-LRAW	13:12:45	0			47.0	0.362	ng/L	F009428	
Hg2700-1	00	SAM	0100043-51RE1	1.25	10/2/20 13:23	1267-LRAW	13:23:01	43.48333333	3		-1.4	-0.011	ng/L	71.7904402	
Hg2700-1	00	SAM	0100043-52RE1	1.25	10/2/20 13:33	1268-LRAW	13:33:17	86.61247106	3		0.240	0.301	ng/L	F009389	
Hg2700-1	00	SAM	0100043-53RE1	1.25	10/2/20 13:43	1269-LRAW	13:43:33	103.7061921	3		0.572	0.715	ng/L	F009389	
Hg2700-1	00	SAM	0100043-54RE1	1.25	10/2/20 13:53	1270-LRAW	13:53:49	97.18046975	3		0.703	0.879	ng/L	F009389	
Hg2700-1	00	SAM	0100043-55RE1	1.25	10/2/20 14:04	1271-LRAW	14:04:05	57.1963207	3		0.653	0.817	ng/L	F009389	
Hg2700-1	00	SAM	0100043-56RE1	1.25	10/2/20 14:14	1272-LRAW	14:14:21	106.4430266	3		0.346	0.432	ng/L	F009389	
Hg2700-1	00	SAM	0100043-57RE1	1.25	10/2/20 14:24	1273-LRAW	14:24:37	55.53739426	3		0.725	0.906	ng/L	F009389	
Hg2700-1	00	SAM	0100043-58RE1	1.25	10/2/20 14:34	1274-LRAW	14:34:53	104.4570602	3		0.709	0.887	ng/L	F009389	
Hg2700-1	00	SAM	0100043-59RE1	1.25	10/2/20 14:45	1275-LRAW	14:45:09	32.64094329	3		0.157	0.196	ng/L	F009389	
Hg2700-1	00	SAM	0100043-60RE1	1.25	10/2/20 15:05	1276-LRAW	15:05:41	26.35413773	3		0.109	0.136	ng/L	F009389	
Hg2700-1	00	CAL	SEQ-CCYP	1	10/2/20 15:15	1278-LRAW	15:15:57	55.70529861	3		0.418	0.418	ng/L	F009389	
Hg2700-1	00	SAM	F009391-B54	10	10/2/20 15:26	1279-LRAW	15:26:13	0.63287037	1		-0.004	-0.004	ng/L	32.91923416	
Hg2700-1	00	SAM	F009391-B504	10	10/2/20 15:36	1280-LRAW	15:36:28	139.5289931	1		1.493	14.931	ng/L	F009391	
Hg2700-1	00	SAM	F009392-B53	10	10/2/20 15:46	1281-LRAW	15:46:45	119.9333912	2		1.062	10.622	ng/L	F009391	
Hg2700-1	00	SAM	F009425-MS3	500	10/2/20 16:07	1283-LRAW	16:07:17	186.062037	2		0.987	9.866	ng/L	F009392	
Hg2700-1	00	SAM	F009425-MSD3	500	10/2/20 16:17	1284-LRAW	16:17:33	193.8303819	2		Error	#VALUE!	ng/L	F009392	
Hg2700-1	00	SAM	F009426-MS3	500	10/2/20 16:27	1285-LRAW	16:27:49	20.6986992	1		192.5	#VALUE!	ng/L	F009425	
Hg2700-1	00	SAM	F009426-MS4	500	10/2/20 16:38	1286-LRAW	16:38:05	190.9575521	1		19.3	#VALUE!	ng/L	F009425	
Hg2700-1	00	SAM	F009426-MS5	500	10/2/20 16:48	1287-LRAW	16:48:21	193.3516204	1		189.6	#VALUE!	ng/L	F009426	
Hg2700-1	00	CAL	SEQ-CCVQ	1	10/2/20 17:08	1289-LRAW	17:08:53	7.97416088	1		6.6	#VALUE!	ng/L	F009426	
Hg2700-1	00	CAL	SEQ-CCBQ	1	10/2/20 17:19	1290-LRAW	17:19:09	73.17766204	0		0.552	0.552	ng/L	F009426	
Hg2700-1	00	SAM	F009426-MS4	500	10/2/20 17:29	1291-LRAW	17:29:25	197.3052083	0		-1.4	-0.011	ng/L	109.5868841	
Hg2700-1	00	SAM	F009426-MSD4	500	10/2/20 17:39	1292-LRAW	17:39:41	192.0094329	1		195.9	#VALUE!	ng/L	F009426	
Hg2700-1	00	SAM	F009427-MS3	500	10/2/20 18:00	1294-LRAW	18:00:13	203.7138889	1		190.6	#VALUE!	ng/L	F009426	
Hg2700-1	00	SAM	F009427-MS4	500	10/2/20 18:10	1295-LRAW	18:10:29	190.1010706	1		202.3	#VALUE!	ng/L	F009427	
Hg2700-1	00	SAM	F009427-MS5	500	10/2/20 18:20	1296-LRAW	18:20:45	12.27848287	1		188.7	#VALUE!	ng/L	F009427	
Hg2700-1	00	SAM	F009427-MS6	500	10/2/20 18:31	1297-LRAW	18:31:01	197.1738715	1		10.9	#VALUE!	ng/L	F009427	
Hg2700-1	00	SAM	F009427-MSD4	500	10/2/20 18:41	1298-LRAW	18:41:17	242.3023727	1		195.8	#VALUE!	ng/L	F009427	
Hg2700-1	00	SAM	F009428-MS3	500	10/2/20 19:01	1300-LRAW	19:01:49	187.6236111	1		240.9	#VALUE!	ng/L	F009427	
Hg2700-1	00	CAL	SEQ-CVCR	1	10/2/20 19:12	1301-LRAW	19:12:05	72.12789352	1		7.3	#VALUE!	ng/L	F009427	
Hg2700-1	00	CAL	SEQ-CCBR	1	10/2/20 19:22	1302-LRAW	19:22:21	1.0973737963	1		186.3	#VALUE!	ng/L	F009428	
Hg2700-1	00	SAM	F009428-MSD5	500	10/2/20 19:32	1303-LRAW	19:32:37	189.0590856	1		70.8	0.544	ng/L	107.9946309	
Hg2700-1	00	SAM	F009428-MS6	2500	10/2/20 19:42	1304-LRAW	19:42:53	21.9566031	1		-0.002	-0.002	ng/L	F009428	
Hg2700-1	00	SAM	F009428-MS4	2500	10/2/20 19:53	1305-LRAW	19:53:09	51.03715278	1		188.5	#VALUE!	ng/L	F009428	
Hg2700-1	00	SAM	F009428-MS5	2500	10/2/20 20:03	1306-LRAW	20:03:25	39.89574663	1		49.7	#VALUE!	ng/L	F009428	
Hg2700-1	00	SAM	F009428-MS6	2500	10/2/20 20:13	1307-LRAW	20:13:41	50.53420139	1		38.5	#VALUE!	ng/L	F009428	
Hg2700-1	00	SAM	F009428-MS7	500	10/2/20 20:23	1308-LRAW	20:23:57	32.45232569	1		49.2	#VALUE!	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CCVS	1	10/2/20 20:34	1309-LRAW	20:34:13	17.83002247	1		30.9	#VALUE!	ng/L	F009428	
Hg2700-1	00	CAL	SEQ-CCBS	1	10/2/20 20:44	1310-LRAW	20:44:29	0	0		16.5	0.127	ng/L	25.12077561	
Hg2700-1	00	CAL		1	10/2/20 20:44	1310-LRAW	20:44:29	0	0		-1.4	-0.011	ng/L	F009428	

0100073-30	C19	500	1.37	912.67	7.79	492.62	1121-1-RAW	12,02-54	238.83	3.40	129.51	0.00	psample10	CT	1	F009425
0100073-32	C20	500	1.37	570.75	0.00	91.89	1122-1-RAW	12,13-10	149.84	0.50	25.27	0.00	psample10	CT	1	F009425
0100073-33	C21	500	1.37	1248.63	5.25	3290.24	1123-1-RAW	12,23-26	326.17	2.74	857.26	0.00	psample10	CT	1	F009425
0100073-35	A1	500	1.37	599.18	12.49	801.76	1124-1-RAW	12,33-43	157.23	4.62	209.93	0.00	psample10	CT	1	F009425
0100073-38	A2	500	1.37	874.30	73.98	2167.82	1125-1-RAW	12,43-59	228.80	20.61	565.28	0.00	psample10	CT	1	F009425
0100073-39	A3	500	1.37	696.66	65.67	519.30	1126-1-RAW	12,54-63	182.59	18.45	136.45	0.00	psample10	CT	1	F009425
0100073-40	A4	500	1.37	884.35	35.27	892.51	1127-1-RAW	13,04-31	231.41	10.54	233.54	0.00	psample10	CT	1	F009425
0100073-41	A5	500	1.37	1351.81	31.31	1174.19	1128-1-RAW	13,14-47	353.01	9.51	306.81	0.00	psample10	CT	1	F009425
0100073-43	A6	500	1.37	1013.78	37.79	661.20	1129-1-RAW	13,25-03	265.08	11.20	173.37	0.00	psample10	CT	1	F009425
0100073-44	A7	500	1.37	2148.18	23.44	1146.58	1130-1-RAW	13,35-19	560.17	7.47	299.37	0.00	psample10	CT	1	F009425
0100073-46	A8	1	1.37	1.92	0.38	0.00	1131-1-RAW	13,45-35	251.40	50.51	11.16	0.00	psample10	CT	1	F009425
0100073-45	A9	500	1.37	1614.47	38.55	895.40	1132-1-RAW	13,55-51	217.49	0.00	0.00	0.00	psample10	CT	1	F009425
0100073-51	A10	500	1.37	1049.36	25.02	646.80	1133-1-RAW	14,06-07	421.34	11.40	234.29	0.00	psample10	CT	1	F009425
0100073-52	A11	500	1.37	1232.08	21.30	1365.58	1134-1-RAW	14,16-23	274.34	7.88	169.62	0.00	psample10	CT	1	F009425
0100073-53	A12	500	1.37	1216.67	18.83	1249.78	1135-1-RAW	14,26-39	321.87	7.17	361.80	0.00	psample10	CT	1	F009425
0100073-54	A13	500	1.37	1216.67	18.83	1249.78	1136-1-RAW	14,36-55	317.86	6.27	326.47	0.00	psample10	CT	1	F009425
0100073-55	A14	500	1.37	1.16	0.40	0.00	1137-1-RAW	14,47-11	237.61	0.00	16.80	0.00	psample10	CT	1	F009425
0100073-56	A15	500	1.37	1.60	1.22	0.00	1138-1-RAW	14,57-28	224.06	0.00	8.45	0.00	psample10	CT	1	F009425
0100073-57	A16	500	1.37	1.45	1.31	0.09	1139-1-RAW	15,07-44	292.68	0.00	72.94	0.00	psample10	CT	1	F009425
0100073-58	A17	500	1.37	1.94	1.19	0.25	1140-1-RAW	15,17-59	185.35	0.00	12.40	0.00	psample10	CT	1	F009425
0100073-59	A18	500	1.37	1.34	1.28	0.00	1141-1-RAW	15,38-15	160.25	0.00	6.35	0.00	psample10	CT	1	F009425
0100073-60	A19	500	1.37	7.52	0.26	66.38	1142-1-RAW	15,38-15	159.50	0.00	48.17	0.00	psample10	CT	1	F009427
0100073-61	A20	500	1.37	2.36	0.07	4.61	1143-1-RAW	15,38-15	152.62	53.25	0.00	0.00	psample10	CT	1	F009428
0100073-62	A21	1	1.37	1.17	0.00	0.07	1144-1-RAW	15,38-15	137.86	0.00	0.00	0.00	psample10	CT	1	F009428
0100073-63	B1	1.25	1.37	1.60	1.22	0.00	1145-1-RAW	15,38-15	152.62	53.25	0.00	0.00	psample10	CT	1	F009389
0100073-64	B2	1.25	1.37	1.45	1.31	0.09	1146-1-RAW	16,09-18	167.63	128.16	0.00	0.00	psample10	CT	1	F009389
0100073-65	B3	1.25	1.37	1.94	1.19	0.25	1147-1-RAW	16,19-34	152.59	137.40	10.97	0.00	psample10	CT	1	F009389
0100073-66	B4	1.25	1.37	1.34	1.28	0.00	1148-1-RAW	16,29-51	202.75	125.56	26.93	0.00	psample10	CT	1	F009389
0100073-67	B5	1.25	1.37	7.52	0.26	66.38	1149-1-RAW	16,40-06	140.30	134.73	0.00	0.00	psample10	CT	1	F009389
0100073-68	B6	1.25	1.37	2.36	0.07	4.61	1150-1-RAW	16,50-22	783.98	27.98	6908.51	0.00	psample10	CT	1	F009389
0100073-69	B7	1.25	1.37	1.17	0.00	0.07	1151-1-RAW	17,00-39	247.27	8.64	480.66	0.00	psample10	CT	1	F009389
0100073-70	B8	1.25	1.37	1.17	0.00	0.07	1152-1-RAW	17,10-55	146.90	0.00	18.00	0.00	psample10	CT	1	F009389
0100073-71	B9	1.25	1.37	0.71	0.58	0.00	1153-1-RAW	17,21-11	117.29	0.00	8.93	0.00	psample10	CT	1	F009389
0100073-72	B10	1.25	1.37	0.82	0.04	0.05	1154-1-RAW	17,31-28	123.14	1.13	8.37	0.00	psample10	CT	1	F009389
0100073-73	B11	1.25	1.37	0.82	0.04	0.05	1155-1-RAW	17,41-44	100.64	0.00	2.83	0.00	psample10	CT	1	F009389
0100073-74	B12	1.25	1.37	0.82	0.04	0.05	1156-1-RAW	17,52-00	93.55	76.96	0.64	0.00	psample10	CT	1	F009389
0100073-75	B13	1.25	1.37	0.82	0.04	0.05	1157-1-RAW	18,12-32	84.36	0.00	1.42	0.00	psample10	CT	1	F009389
0100073-76	B14	1.25	1.37	0.57	0.58	0.00	1158-1-RAW	18,12-32	86.41	5.61	6.29	0.00	psample10	CT	1	F009389
0100073-77	B15	1.25	1.37	2.39	3.88	1.70	1159-1-RAW	18,54-13	251.55	422.30	178.57	0.00	psample10	CT	1	F009389
0100073-78	B16	1.25	1.37	1.34	0.08	0.13	1160-1-RAW	18,54-13	140.86	10.14	15.15	0.00	psample10	EDX	1	F009389
0100073-79	B17	1.25	1.37	1.42	1.44	0.01	1161-1-RAW	18,54-13	150.47	152.44	6.24	0.00	psample10	CT	1	F009389
0100073-80	B18	1.25	1.37	1.42	1.44	0.01	1162-1-RAW	18,54-13	146.68	151.28	2.39	0.00	psample10	CT	1	F009389
0100073-81	B19	1.25	1.37	1.23	0.00	0.03	1163-1-RAW	18,54-13	129.86	1.88	4.09	0.00	psample10	OK	1	F009389
0100073-82	B20	1.25	1.37	0.95	1.54	0.02	1164-1-RAW	18,54-13	100.70	161.95	3.80	0.00	psample10	OK	1	F009389
0100073-83	C1	50	1.37	0.82	1.58	0.00	1165-1-RAW	18,54-13	86.90	166.28	1.64	0.00	psample10	OK	1	F009389
0100073-84	C2	50	1.37	27.65	0.00	0.00	1166-1-RAW	18,54-13	71.30	1.11	0.00	0.00	psample10	OK	1	F009389
0100073-85	C3	1	1.37	0.57	0.58	0.00	1167-1-RAW	18,54-13	75.75	76.34	0.00	0.00	psample10	OK	1	F009389
0100073-86	C4	50	1.37	26.54	0.58	0.00	1168-1-RAW	18,54-13	70.96	0.00	0.00	0.00	psample10	OK	1	F009389
0100073-87	C5	50	1.37	23.99	0.65	0.38	1169-1-RAW	18,54-13	70.41	2.87	1.00	0.00	psample10	OK	1	F009389
0100073-88	C6	50	1.37	39.47	3.04	49.33	1170-1-RAW	18,54-13	63.78	3.06	2.36	0.00	psample10	OK	1	F009389
0100073-89	C7	50	1.37	22.68	0.30	0.26	1171-1-RAW	18,54-13	104.05	9.28	129.70	0.00	psample10	OK	1	F009389
0100073-90	C8	50	1.37	21.52	0.85	0.86	1172-1-RAW	18,54-13	60.37	2.14	2.04	0.00	psample10	CT	1	F009389
0100073-91	C9	50	1.37	22.65	0.66	2.59	1173-1-RAW	18,54-13	57.34	3.58	3.61	0.00	psample10	CT	1	F009389
0100073-92	C10	50	1.37	21.94	0.46	4.59	1174-1-RAW	18,54-13	68.28	3.08	10.71	0.00	psample10	CT	1	F009389
0100073-93	C11	50	1.37	20.54	0.00	1.29	1175-1-RAW	18,54-13	58.44	2.56	13.30	0.00	psample10	CT	1	F009389
0100073-94	C12	50	1.37	22.33	0.25	4.96	1176-1-RAW	18,54-13	54.81	1.27	4.72	0.00	psample10	OK	1	F009389
0100073-95	C13	1.25	1.37	0.80	0.06	0.19	1177-1-RAW	18,54-13	59.46	2.03	14.28	0.00	psample10	CT	1	F009389
0100073-96	C14	1	1.37	0.42	0.63	0.00	1178-1-RAW	18,54-13	84.43	9.56	20.86	0.00	psample10	CT	1	F009389
0100073-97	C15	1	1.37	0.38	0.00	0.00	1179-1-RAW	18,54-13	55.73	82.95	0.00	0.00	psample10	OK	1	F009389
0100073-98	C16	1.25	1.37	0.69	0.10	0.03	1180-1-RAW	18,54-13	50.68	1.84	0.00	0.00	psample10	OK	1	F009389
0100073-99	C17	1.25	1.37	0.72	0.05	0.04	1181-1-RAW	18,54-13	76.02	6.85	5.48	0.00	psample10	OK	1	F009389
0100073-100	C18	1.25	1.37	1.21	0.04	0.72	1182-1-RAW	18,54-13	127.39	5.23	75.91	0.00	psample10	OK	1	F009389
0100073-101	C19	1.25	1.37	1.25	0.01	0.18	1183-1-RAW	18,54-13	131.53	2.25	19.60	0.00	psample10	OK	1	F009389
0100073-102	C20	1.25	1.37	0.76	0.04	0.21	1184-1-RAW	18,54-13	79.98	5.58	22.87	0.00	psample10	OK	1	F009389
0100073-103	C21	1.25	1.37	0.69	0.16	0.20	1185-1-RAW	18,54-13	72.76	17.82	22.28	0.00	psample10	OK	1	F009389
0100073-104	A2	1.25	1.37	1.43	0.08	0.11	1186-1-RAW	18,54-13	14							

A4	0100075-03	1.25	1.37	0.71	0.08	0.09	74.76	9.96	10.25	0.00	psample10	OK	F009443
A5	SEQ-CVBH	1	1.37	0.50	0.54		66.74	71.36	0.00	0.00	psample10	OK	1
A6	SEQ-CRBH	1	1.37	0.59	0.08	0.03	62.66	0.00	0.61	0.00	psample10	OK	1
A7	0100075-04	1.25	1.37	0.56	0.08	0.04	62.60	9.45	4.42	0.00	psample10	OK	1
A8	0100075-05	1.25	1.37	0.57	0.10	0.00	95.56	12.05	5.21	0.00	psample10	CT	F009443
A9	0100080-01	1.25	1.37	0.53	0.00	0.08	60.92	12.05	1.41	0.00	psample10	CT	F009443
A10	0100080-02	1.25	1.37	0.51	0.00	0.00	56.95	1.80	9.79	0.00	psample10	CT	F009443
A11	0100080-03	1.25	1.37	0.60	0.01	0.05	54.32	0.86	0.00	0.00	psample10	CT	F009443
A12	SEQ-CVCI	1	1.37	0.42	0.63		63.73	2.73	6.85	0.00	psample10	OK	F009443
A13	SEQ-CRBI	1	1.37	0.37	0.01		56.57	83.47	0.00	0.00	psample10	OK	F009443
A14	0100073-57	500	1.3693	617.51859	61.48	11.40.9605	162.0036458	17.36239426	298.1659722	0.00	psample10	OK	F009426
A15	0100073-59	500					397.7488212	0	84.55755208	0.00	psample10	CT	F009426
A16	0100073-60	500					472.2118576	0	285.6424493	0.00	psample10	CT	F009426
A17	0100073-63	500	1.3693	1850.5111	17.54	3089.541	404.8436921	5.932914909	805.0787994	0.00	psample10	CT	F009426
A18	0100073-64	500					297.7197917	20.53271759	789.24085648	0.00	psample10	CT	F009426
A19	0100073-66	500	1.3693	1139.2463	73.67	3028.6507	236.0072817	12.45049638	330.37870062	0.00	psample10	CT	F009426
A20	0100073-69	500	1.3693	902.00706	42.60	1264.9551	176.2279906	12.14990102	358.4992708	0.00	psample10	CT	F009426
A21	0100073-70	500	1.3693	820.29577	22.21	1692.0915	213.1232954	12.661349259	345.1622975	0.00	psample10	CT	F009426
B1	0100073-72	500	1.3693	672.20019	45.44	1372.8775	160.1201389	77.39010917	2.246595848	0.00	psample10	CT	F009426
B2	0100073-73	500	1.3693	814.03686	43.41	1321.6261	238.3016928	10.05332755	284.3777778	0.00	psample10	OK	F009426
B3	SEQ-CVCI	1	1.3693	1.220558	0.58	0.0067452	281.4140578	9.982002315	262.1716775	0.00	psample10	CT	F009426
B4	SEQ-CRBI	1	1.3693	910.82731	33.38	1087.9553	265.62424789	10.06886574	217.2389387	0.00	psample10	CT	F009426
B5	0100073-74	500	1.3693	1076.5628	31.11	1002.5895	387.9537157	28.58863944	337.5646412	0.00	psample10	CT	F009426
B6	0100073-75	500	1.3693	1076.5628	33.44	829.8107	278.4479958	13.44455671	319.078125	0.00	psample10	CT	F009426
B7	0100073-76	500	1.3693	1076.5628	104.64	1292.4188	357.774018	5.238192281	353.5005498	0.00	psample10	CT	F009426
B8	0100073-77	500	1.3693	1065.1574	46.43	1221.3521	233.9026808	7.9234375	160.1618634	0.00	psample10	CT	F009426
B9	0100073-81	500	1.3693	1370.1087	14.87	1353.6804	231.9091435	10.40610632	194.3333623	0.00	psample10	CT	F009426
B10	0100073-82	500	1.3693	893.91641	25.20	610.43832	223.3986111	2.186342593	197.8151042	0.00	psample10	CT	F009426
B11	0100073-85	500	1.3693	886.25276	34.74	741.80208	239.890162	1.390943287	177.5510417	0.00	psample10	CT	F009427
B12	0100073-88	500	1.3693	853.53615	3.14	755.18677	177.741089	71.18518519	0	0.00	psample10	CT	F009427
B13	0100073-91	500	1.3693	916.91378	0.08	677.28666	163.4679109	0	0	0.00	psample10	CT	F009427
B14	SEQ-CVCI	1	1.3693	1.3560345	0.54		223.7616857	3.286946665	633.0138889	0.00	psample10	CT	F009427
B15	SEQ-CRBI	1	1.3693	853.00877	7.41	2428.1994	209.5904829	5.507949337	259.1028356	0.00	psample10	CT	F009427
B16	0100073-93	500	1.3693	800.42958	15.91	991.56094	192.3080856	3.39534981	224.4825231	0.00	psample10	CT	F009427
B17	0100073-94	500	1.3693	774.02026	7.60	811.57198	200.8481122	2.883391204	224.3993056	0.00	psample10	CT	F009427
B18	0100073-96	500	1.3693	766.84641	3.82	857.38307	168.7614005	1.13052462	162.476794	0.00	psample10	OK	F009427
B19	0100073-98	500	1.3693	625.70275	3.43	531.86013	196.3712384	5.2464618056	332.3635706	0.00	psample10	CT	F009427
B20	0100073-99	500	1.3693	643.49709	0.00	619.33749	180.85625	0	123.6977431	0.00	psample10	CT	F009427
C1	0100073-AB	500	1.3693	749.63619	14.90	1772.4246	181.6295139	2.739888445	250.5769097	0.00	psample10	CT	F009427
C2	0100073-AC	500	1.3693	682.96532	5.27	958.0163	215.7414352	2.277025463	437.38865417	0.00	psample10	CT	F009427
C3	0100073-AE	500	1.3693	824.10005	3.49	1676.1668	147.8973952	77.26304977	1.673148148	0.00	psample10	CT	F009427
C4	SEQ-CVCI	1	1.3693	1.1265813	0.58	0.0023364	125.6213214	0	0	0.00	psample10	OK	F009427
C5	SEQ-CRBI	1	1.3693	592.9253	1.73	526.02946	155.6062211	1.818344907	138.2046875	0.00	psample10	CT	F009427
C6	0100073-A1	500	1.3693	709.11084	26.09	1763.8314	185.8294271	8.15625	460.1926215	0.00	psample10	CT	F009427
C7	0100073-AK	500	1.3693	646.35998	81.65	763.30074	169.5061225	22.60805694	199.9257813	0.00	psample10	CT	F009427
C8	0100073-AL	500	1.3693	945.37987	39.49	756.92369	247.2898093	11.64241898	198.3468271	0.00	psample10	CT	F009427
C9	0100073-AH	500	1.3693	885.12228	17.25	605.82505	231.6153356	5.856440972	158.9748264	0.00	psample10	CT	F009427
C10	0100073-AO	500	1.3693	870.04538	7.91	1074.4022	227.6913194	3.426012731	280.8736366	0.00	psample10	CT	F005427
C11	0100073-AP	500	1.3693	1553.943	7.98	1652.6802	405.5946181	3.4453125	431.2789931	0.00	psample10	CT	F009428
C12	0100073-AR	500	1.3693	1102.4976	4.10	366.53116	288.1696442	2.434548611	96.71458333	0.00	psample10	CT	F009428
C13	0100073-AU	500					457.6384620	0	354.029919	0.00	psample10	CT	F009428
C14	SEQ-CVCI	1	1.3693	1.7661959	0.43		255.6470123	0	70.63515625	0.00	psample10	CT	F009428
C15	SEQ-CRBI	1	1.3693	717.42284	0.80	214.59054	210.3080208	57.91076389	0	0.00	psample10	CT	F009428
C16	0100073-AZ	500	1.3693	1197.798	36.37	1405.6714	167.9916199	1.576578241	571.9045139	0.00	psample10	OK	F009428
C17	0100073-BA	500	1.3693	1177.9925	31.27	1674.7439	312.9510387	10.83119213	367.0248843	0.00	psample10	CT	F009428
C18	0100073-BC	500	1.3693	1240.1313	21.56	1756.7325	307.7990451	9.502864583	437.0184028	0.00	psample10	CT	F009428
C19	0100073-BD	500	1.3693	1413.4697	54.82	2190.393	324.0151562	6.976608572	458.3460069	0.00	psample10	CT	F009428
C20	0100073-BE	500	1.3693	1152.6183	22.61	947.16965	369.0334483	15.6306713	571.153588	0.00	psample10	CT	F009428
C21	0100073-BF	500	1.3693	1271.0463	21.64	1225.2996	301.198484	7.251012731	247.7553819	0.00	psample10	CT	F009428
C22	0100073-BG	500	1.3693	1360.3794	8.52	1573.5552	332.0050347	6.998553241	320.1050058	0.00	psample10	CT	F009428
C23	0100084-02	2500	1.3693	13941.6528	2950.01	2676.5097	355.2431433	3.584953704	410.6962962	0.00	psample10	CT	F009428
C24							726.6936153	16.45744516	140.6167245	0.00	psample10	CT	F009428

1	1.3693	3.107409	0.43	0	1259-1-RAW	405.5325691	57.57575463	0.751215278	0	psample10	1	F009428	
1	1.3693	3.107409	0.43	0	1260-1-RAW	295.63471694	0	0.654982639	0	psample10	1	F009428	
2500	1.3693	7213.1344	104.06	89.504378	1261-1-RAW	376.8300333	6.7828125	6.046614583	0	psample10	1	F009428	
1	1.3693	8472.2981	197.27	19.818574	1262-1-RAW	439.8068738	11.63232315	2.400347222	0	psample10	1	F009428	
2500	1.3693	6577.8104	6779.86	396.27637	1263-1-RAW	343.3888669	354.09461699	21.985850669	0	psample10	1	F009428	
500	1.3693	1052.4144	0.00	53.22005	1264-1-RAW	275.1125704	0.710821759	15.21333912	0	psample10	1	F009428	
1	1.3693	1.9193874	0.36		1265-1-RAW	251.0106481	48.410895537		0	psample10	1	F009428	
1	1.3693	2.335763	0.40	0.0895695	1266-1-RAW	264.519351	0		0	psample10	1	F009428	
1.25	1.3693	2.262861	0.82	0.311919	1267-1-RAW	244.4089699	43.48333333	21.09427063	0	psample10	1	F009389	
1.25	1.3693	2.7148025	0.98	1.7841961	1268-1-RAW	236.836016	86.61247106	33.82491319	0	psample10	1	F009389	
1.25	1.3693	1.8624269	0.92	85.43849	1269-1-RAW	283.8486111	103.7061921	187.0175926	0	psample10	1	F009389	
1.25	1.3693	3.5009838	0.54	1.3786912	1270-1-RAW	14658.36781	97.18046875	8091.374248	0	psample10	1	F009389	
1.25	1.3693	3.2697315	1.01	1.6802691	1271-1-RAW	365.6519676	57.1962307	144.8241888	0	psample10	1	F009389	
1.25	1.3693	4.7420023	0.52	8.6574931	1272-1-RAW	341.5808148	106.4430266	173.0661111	0	psample10	1	F009389	
1.25	1.3693	3.4649202	0.99	3.8492302	1273-1-RAW	494.7819015	55.53780436	902.1931531	0	psample10	1	F009389	
1.25	1.3693	1.8242682	0.30	1.8266658	1274-1-RAW	265.75088	104.4570602	401.8073538	0	psample10	1	F009389	
1.25	1.3693	4.831172	0.24	8.5122203	1275-1-RAW	191.1871528	32.66094329	149.6368395	0	psample10	1	F009389	
1	1.3693	0.7709055	0.42	0.8693659	1276-1-RAW	504.6606747	26.36413773	887.0787616	0	psample10	1	F009389	
1	1.3693	0.7315774	0.00	0.2173955	1277-1-RAW	101.6366319	55.70323661	12.99259259	0	psample10	1	F009389	
10	1.3693	7.5296731	14.93	4.5774135	1278-1-RAW	96.52092737	0.83287037	41.930625	0	psample10	1	F009389	
10	1.3693	6.6505888	0.62	1.5322847	1279-1-RAW	113.8636389	139.5288931	21.58969991	0	psample10	1	F009389	
10	1.3693	12.909539	3.12	29.000299	1280-1-RAW	169.2764178	119.9333912	378.5599248	0	psample10	1	F009389	
10	1.3693	2.970577	9.87	1.0462832	1281-1-RAW	105.0443576	129.6873264	14.97760997	0	psample10	1	F009389	
500	1.3693	554.78165	710.01	1281.5853	1282-1-RAW	174.3376982	196.062037	334.7465278	0	psample10	1	F009389	
500	1.3693	664.93376	799.87	2615.8712	1283-1-RAW	146.1590262	186.062037	334.7465278	0	psample10	1	F009389	
500	1.3693	545.34078	74.31	1746.4807	1284-1-RAW	143.2801438	20.69867792	455.6792245	0	psample10	1	F009425	
500	1.3693	516.00605	728.82	1268.8523	1285-1-RAW	135.9573106	190.9975521	331.6944444	0	psample10	1	F009425	
500	1.3693	521.12137	738.03	981.09971	1286-1-RAW	136.9279514	193.3516204	256.5815683	0	psample10	1	F009425	
500	1.3693	93.95615	25.39	1240.2772	1287-1-RAW	133.5032986	7.97416088	324.0010983	0	psample10	1	F009425	
1	1.3693	0.6278858	0.55	0.0314383	1288-1-RAW	83.03486102	73.17766204	5.489275463	0	psample10	1	F009425	
500	1.3693	391.36033	753.23	823.22175	1289-1-RAW	71.0963831	0	4.8099375	0	psample10	1	F009425	
500	1.3693	445.1841	732.87	1122.7273	1290-1-RAW	103.6888278	197.3052083	216.512363	0	psample10	1	F009425	
500	1.3693	418.94086	39.12	1257.1011	1291-1-RAW	117.1744792	192.0094329	783.4239745	0	psample10	1	F009425	
500	1.3693	518.41527	777.86	2178.539	1292-1-RAW	115.550434	11.54444444	228.3774884	0	psample10	1	F009425	
500	1.3693	652.72634	725.53	1831.6386	1293-1-RAW	136.2240162	203.7138889	368.3275463	0	psample10	1	F009425	
500	1.3693	378.86511	41.94	900.86847	1294-1-RAW	119.1364332	80.1010708	503.8415799	0	psample10	1	F009425	
500	1.3693	368.25099	752.72	773.4098	1295-1-RAW	99.92700137	127.818287	235.7111111	0	psample10	1	F009425	
500	1.3693	361.63555	926.21	989.35717	1296-1-RAW	92.16196066	57.1738715	202.5554398	0	psample10	1	F009425	
500	1.3693	673.91728	28.15	1280.1526	1297-1-RAW	95.4410948	342.3023272	258.7295718	0	psample10	1	F009425	
500	1.3693	798.39052	716.01	1056.7939	1298-1-RAW	176.6745949	8.691840278	334.3728426	0	psample10	1	F009425	
1	1.3693	0.8431232	0.54	0.0109171	1300-1-RAW	269.0536459	187.6236111	432.3440926	0	psample10	1	F009425	
1	1.3693	0.6245349	0.00	0.0193165	1301-1-RAW	82.59903662	1.097373763	3.887962963	0	psample10	1	F009425	
500	1.3693	616.3694	74.60	3620.3338	1302-1-RAW	214.301374	189.8590856	943.1223958	0	psample10	1	F009425	
2500	1.3693	4235.5981	395.33	290.302	1303-1-RAW	221.7294878	21.93660301	16.4724537	0	psample10	1	F009425	
2500	1.3693	3903.1239	951.68	29.793489	1304-1-RAW	204.7444183	51.08375278	2.919299769	0	psample10	1	F009425	
2900	1.3693	4913.3839	740.53	48.242209	1305-1-RAW	256.9918093	39.88574653	3.031134259	0	psample10	1	F009425	
500	1.3693	2599.5238	189.00	1804.6316	1306-1-RAW	677.5802939	50.59420139	470.8059317	0	psample10	1	F009425	
500	1.3693	2352.4081	118.69	356.43444	1307-1-RAW	587.2855085	32.24522569	94.08813657	0	psample10	1	F009425	
1	1.3693	2.4532046	0.13	0.0081085	1308-1-RAW	320.4438656	17.83002247	2.423000463	0	psample10	1	F009425	
1	1.3693	2.4532046	0.13	0.0081085	1309-1-RAW	20.45101	281.5715742	0	2.474959907	0	psample10	1	F009425

MHg 2700-1-201001-1 RUNLOG

WS	A1		C19	SEQ-CCB9	B15	0I00073-51	A11	0I00043-55	C7
PRIMER	A2	SEQ-CCV6	C20	0I00051-01	B16	0I00073-52	A12	0I00043-56	C8
PRIMER	A3	SEQ-CCB6	C21	0I00072-02	B17	0I00073-53	A13	0I00043-57	C9
HIGH PRIMER	A15	0I00073-18	A1	0I00073-01	B18	F009425-BLK1	A14	0I00043-58	C10
HIGH PRIMER	A16	F009424-MS1	A2	0I00073-02	B19	F009427-BLK2	A15	0I00043-59	C11
PRIMER	A4	F009424-MSD1	A3	0I00073-04	B20	F009427-BLK3	A16	0I00043-60	C12
WS	A5	0I00072-01	A4	0I00073-05	B21	F009428-BLK1	A17	0I00043-23	C13
WS	A6	F009424-MS2	A5	0I00073-08	C1	F009428-BLK2	A18	SEQ-CCVG	C14
SEQ-IBL1	A7	F009424-MSD2	A6	0I00073-09	C2	F009428-BLK3	A19	SEQ-CCBG	C15
SEQ-CAL1	A8	0I00073-36	A7	0I00073-11	C3	SEQ-CCVD	A20	0I00043-24	C16
SEQ-CAL2	A9	F009425-MS1	A8	0I00073-12	C4	SEQ-CCBD	A21	0I00043-25	C17
SEQ-CAL3	A10	F009425-MSD1	A9	SEQ-CCVA	C5	F009389-BS1	B1	0I00043-26	C18
SEQ-CAL4	A11	0I000473-25	A10	SEQ-CCBA	C6	F009389-BSD1	B2	0I00043-27	C19
SEQ-CAL5	A12	SEQ-CCV7	A11	0I00073-14	C7	F009443-BS1	B3	0I00043-28	C20
SEQ-ICV1	A13	SEQ-CCB7	A12	0I00073-15	C8	F009443-BSD1	B4	0I00043-29	C21
SEQ-ICB1	A14	F009425-MS2	A13	0I00073-17	C9	F009389-BLK1	B5	0I00043-30	A1
F009391-BS3	B1	F009425-MSD2	A14	0I00073-20	C10	F009389-BLK2	B6	0I00075-01	A2
F009391-BSD3	B2	0I00073-67	A15	0I00073-21	C11	F009389-BLK3	B7	0I00075-02	A3
F009392-BS2	B3	F009426-MS1	A16	0I00073-23	C12	F009443-BLK1	B8	0I00075-03	A4
F009392-BSD2	B4	F009426-MSD1	A17	0I00073-24	C13	F009443-BLK2	B9	SEQ-CCVH	A5
SEQ-CCV1	B5	0I00073-56	A18	0I00076-01	C14	F009443-BLK3	B10	SEQ-CCBH	A6
SEQ-CCB1	B6	F009426-MS2	A19	0I00073-26	C15	SEQ-CCVE	B11	0I00075-04	A7
0I00073-56	B7	F009426-MSD2	A20	0I00073-29	C16	SEQ-CCBE	B12	0I00075-05	A8
F009424-BS1	B8	0I00073-86	A21	SEQ-CCVB	C17	0I00043-21	B13	0I00080-01	A9
F009424-BSD1	B9	F009427-MS1	B1	SEQ-CCBB	C18	F009389-MS1	B14	0I00080-02	A10
F009425-BS1	B10	SEQ-CCV8	B2	0I00073-30	C19	F009389-MSD1	B15	0I00080-03	A11
F009425-BSD1	B11
F009426-BS1	B12	SEQ-CCB8	B3	0I00073-32	C20	0I00043-22	B16	0I00080-04	A12
ERR	B13	F009427-MSD1	B4	0I00073-33	C21	F009389-MS2	B17	SEQ-CCVI	A13
F009427-BS1	B14	0I00073-87	B5	0I00073-35	A1	F009389-MSD2	B18	SEQ-CCBI	A14
F009427-BSD1	B15	F009427-MS2	B6	0I00073-38	A2	0I00075-06	B19	0I00073-57	A15
F009428-BS1	B16	F009427-MSD2	B7	0I00073-39	A3	F009443-MS1	B20	0I00073-59	A16
WS	C19	0I00073-AX	B8	0I00073-40	A4	F009443-MSD1	B21	0I00073-60	A17
WS	C20	F009428-MS1	B9	0I00073-41	A5	0I00043-51	C1	0I00073-63	A18
SEQ-CCV2	C19	F009428-MSD1	B10	0I00073-43	A6	SEQ-CCVF	C2	0I00073-64	A19
SEQ-CCB2	C21	0I00084-01	B11	0I00073-44	A7	SEQ-CCBF	C3	0I00073-66	A20
F009427-BS1	B14	F009428-MS2	B12	SEQ-CCVC	A8	0I00043-52	C4	0I00073-69	A21
F009427-BSD1	B15	F009428-MSD2	B13	SEQ-CCBC	A9	0I00043-53	C5	0I00073-70	B1
		SEQ-CCV9	B14	0I00073-45	A10	0I00043-54	C6	0I00073-72	B2

Pg 1 of 2

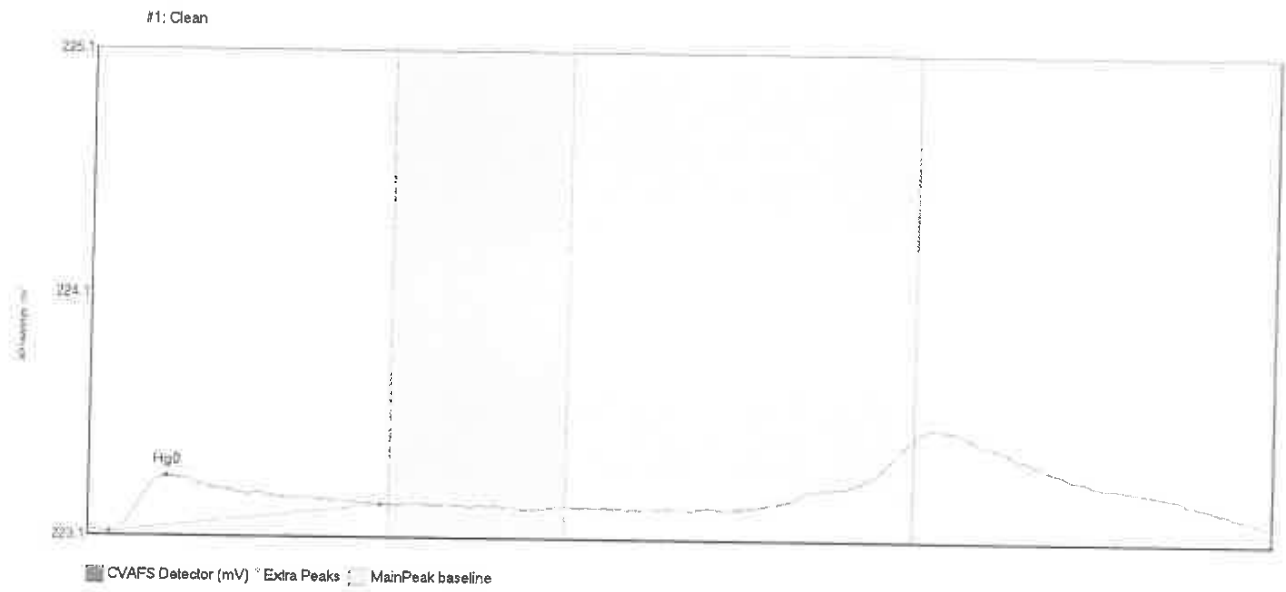
0I00073-73	B3	SEQ-CCBM	C20		
SEQ-CCVJ	B4	0I00073-AV	C21		
SEQ-CCBJ	B5	0I00073-AZ	A1		
0I00073-74	B6	0I00073-BA	A2		
0I00073-75	B7	0I00073-BC	A3		
0I00073-78	B8	0I00073-BD	A4		
0I00073-79	B9	0I00073-BF	A5		
0I00073-81	B10	0I00073-BG	A6		
0I00073-82	B11	0I00073-BH	A7		
0I00073-84	B12	0I00073-BJ	A8		
0I00073-85	B13	0I00084-02	A9		
0I00073-90	B14	SEQ-CCVN	A10		
0I00073-91	B15	SEQ-CCBN	A11		
SEQ-CCVK	B16	0I00084-03	A12	F009426-MS3	B16
SEQ-CCBK	B17	0I00085-01	A13	F009426-MSD3	B17
0I00073-93	B18	0I00086-01	A14	0I00073-56RE1	B18
0I00073-94	B19	0I00099-01	A15	SEQ-CCVQ	B19
0I00073-96	B20	SEQ-CCVO	A16	SEQ-CCBQ	B20
0I00073-97	B21	SEQ-CCBO	A17	F009426-MS4	B21
0I00073-98	C1	0I00043-51RE1	A18	F009426-MSD4	C1
0I00073-99	C2	0I00043-52RE1	A19	0I00073-86RE1	C2
0I00073-AB	C3	0I00043-53RE1	A20	F009427-MS3	C3
0I00073-AC	C4	0I00043-54RE1	A21	F009427-MSD3	C4
0I00073-AE	C5	0I00043-55RE1	B1	0I00073-87RE1	C5
0I00073-AF	C6	0I00043-56RE1	B2	F009427-MS4	C6
SEQ-CCVL	C7	0I00043-57RE1	B3	F009427-MSD4	C7
SEQ-CCBL	C8	0I00043-58RE1	B4	0I00073-AXRE1	C8
0I00073-AH	C9	0I00043-59RE1	B5	F009428-MS3	C9
0I00073-AI	C10	0I00043-60RE1	B6	SEQ-CCVR	C10
0I00073-AK	C11	SEQ-CCVP	B7	SEQ-CCBR	C11
0I00073-AL	C12	SEQ-CCVP	B8	F009428-MSD3	C12
0I00073-AM	C13	F009391-BS4	B9	0I00084-01RE1	C13
0I00073-AO	C14	F009391-BSD4	B10	F009428-MS4	C14
0I00073-AP	C15	F009392-BS3	B11	F009428-MSD4	C15
0I00073-AR	C16	F009392-BSD3	B12	0I00084-02RE1	C16
0I00073-AS	C17	F009425-MS3	B13	0I00084-03RE1	C17
0I00073-AU	C18	F009425-MSD3	B14	SEQ-CCVS	C18
SEQ-CCVM	C19	0I00073-67RE1	B15	SEQ-CCBS	C19

Is labeled on
Vial, right
sample →

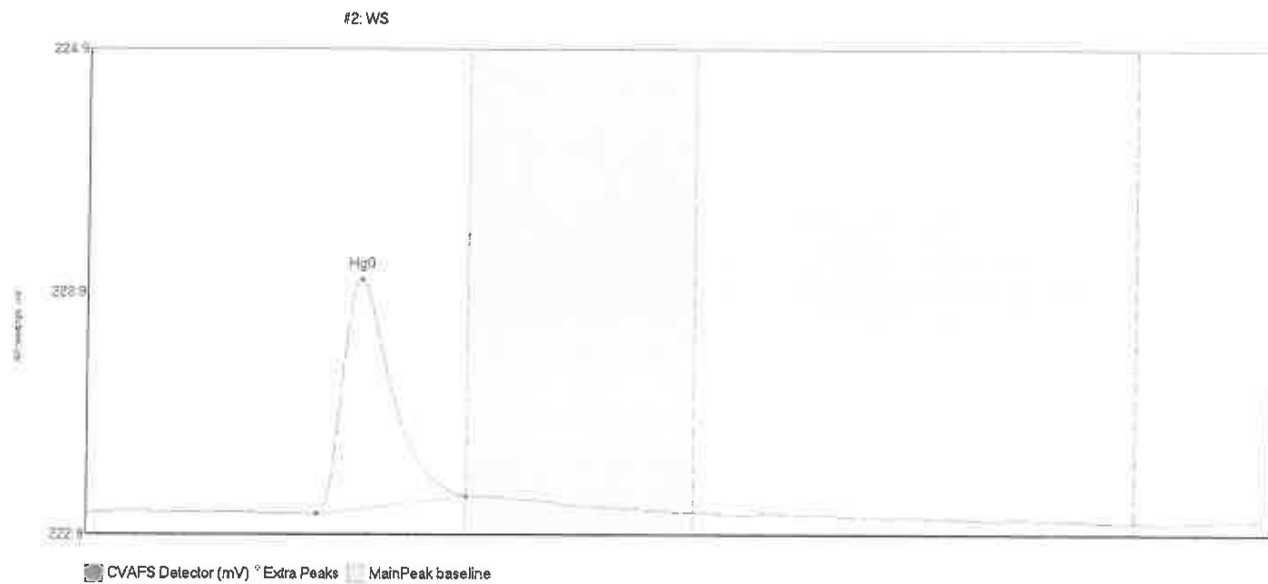
← Mislabelled but correct sample
on Vial
- true 10/5/2020

VERIFIED BY: *MW* 10/5/2020

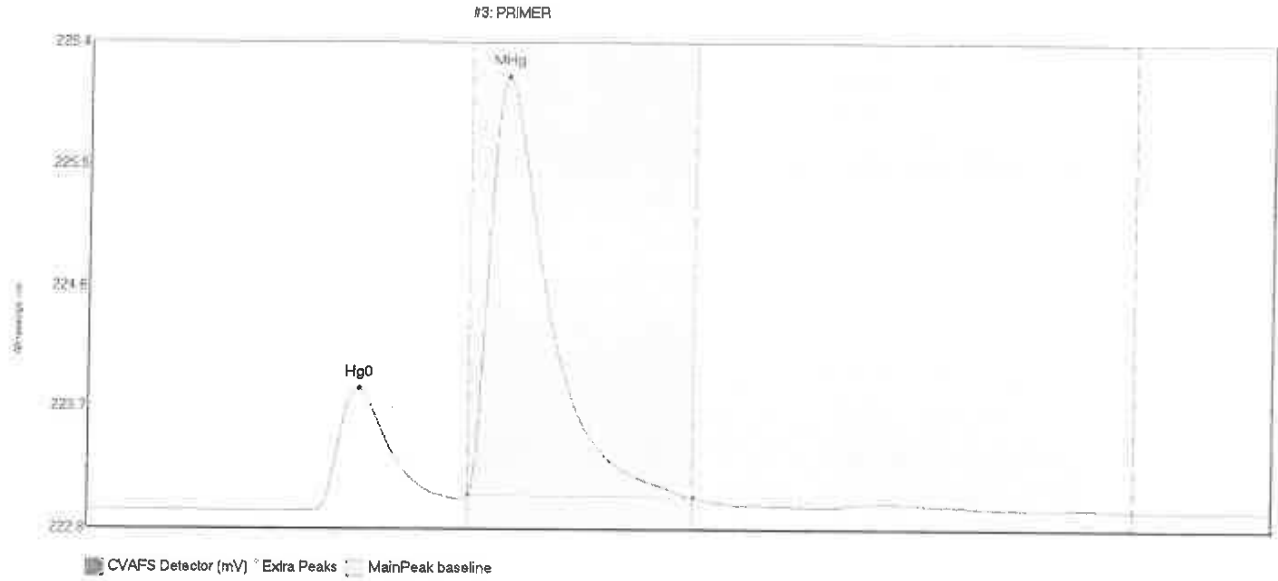
pg 2 of 2



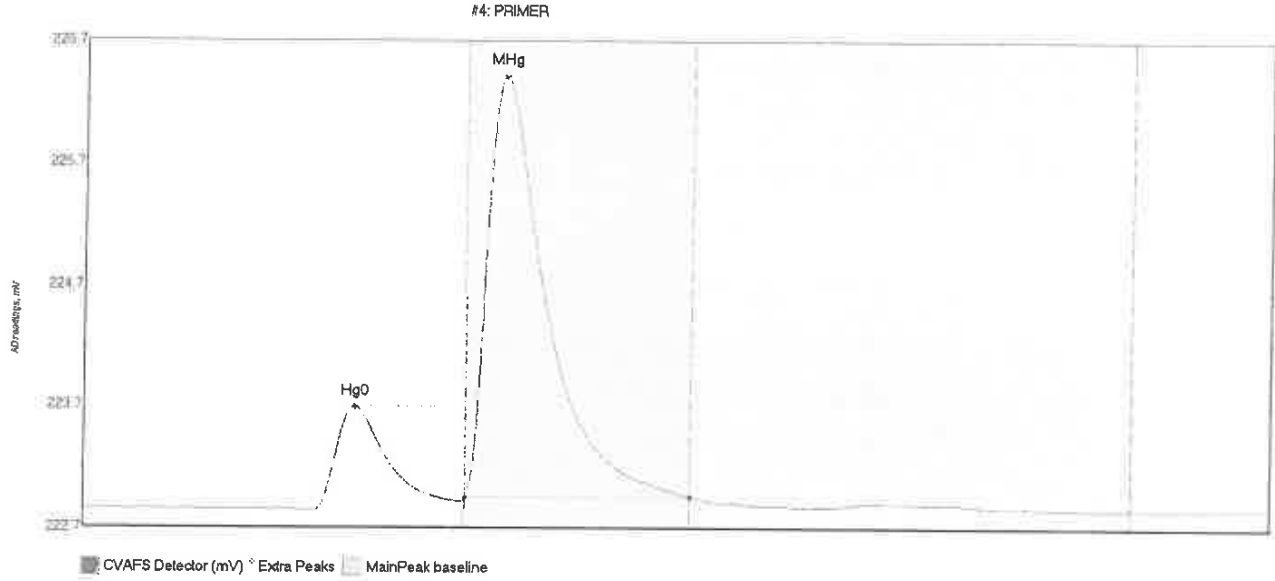
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift
66.409	6.0	77.9	223.11	223.23	21.0	0.228	OK	223.1164	0.00	0.05



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
WS	113.203	48.3	80.0	223.02	223.09	57.6	0.966	CT	223.0237	0.00	-0.04	

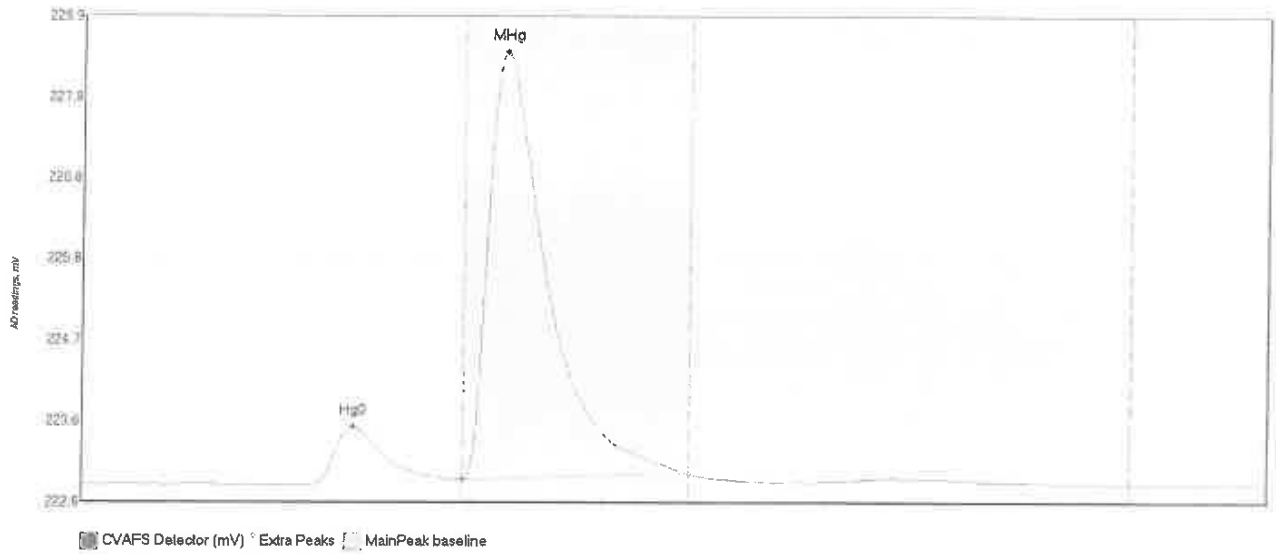


Time	Area	Start Time	EndTime	Start Value	End Value	Height	Max	PeakHeight	Flags	Baseline	Offset	RTDiff	Comment
Hg0	103.993	47.8	79.0	222.92	223.91	3.01	3.01	0.916	OK	222.92	0.00	0.00	
MHg	453.231	60.0	127.5	223.24	224.00	3.14	3.14	3.147	CT	223.24	0.00	0.00	



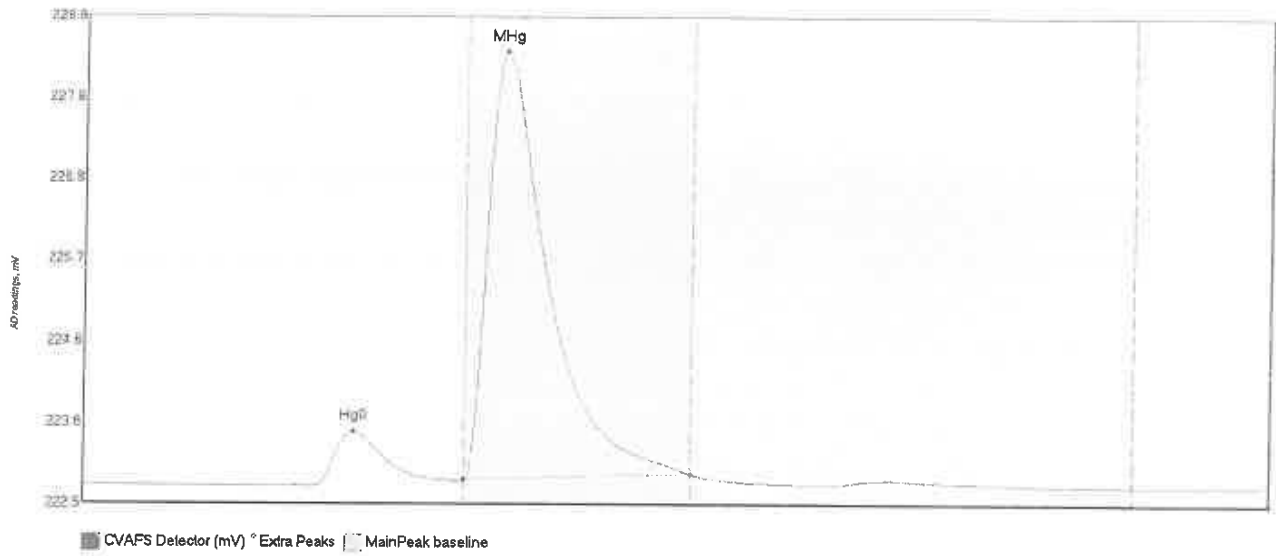
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
PRIMER Hg0	96.850	47.9	78.9	222.36	222.94	56.8	0.856	OK	222.8699	0.00	-0.01	
PRIMER MHg	502.220	80.0	127.5	222.96	222.97	88.1	3.489	CT	222.8699	0.00	-0.01	

#5: HIGH PRIMER

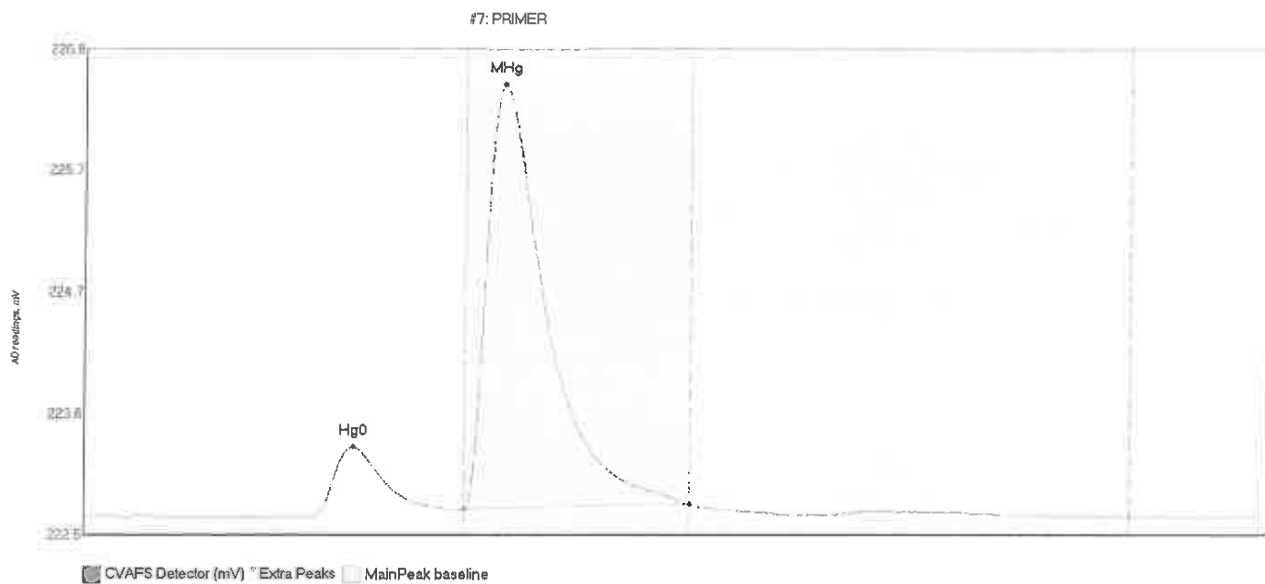


Area	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Peak	Flags	Baseline	BlDev	BlMin	BlMax	Comment
PRIMER Hg0	85.108	47.9	79.6	222.80	222.37	56.3	6.130	OK	222.8080	0.00	222.80	222.80	
PRIMER MHg	796.176	80.0	127.5	222.87	222.94	88.8	7.638	CT	222.8080	0.00	222.80	222.80	

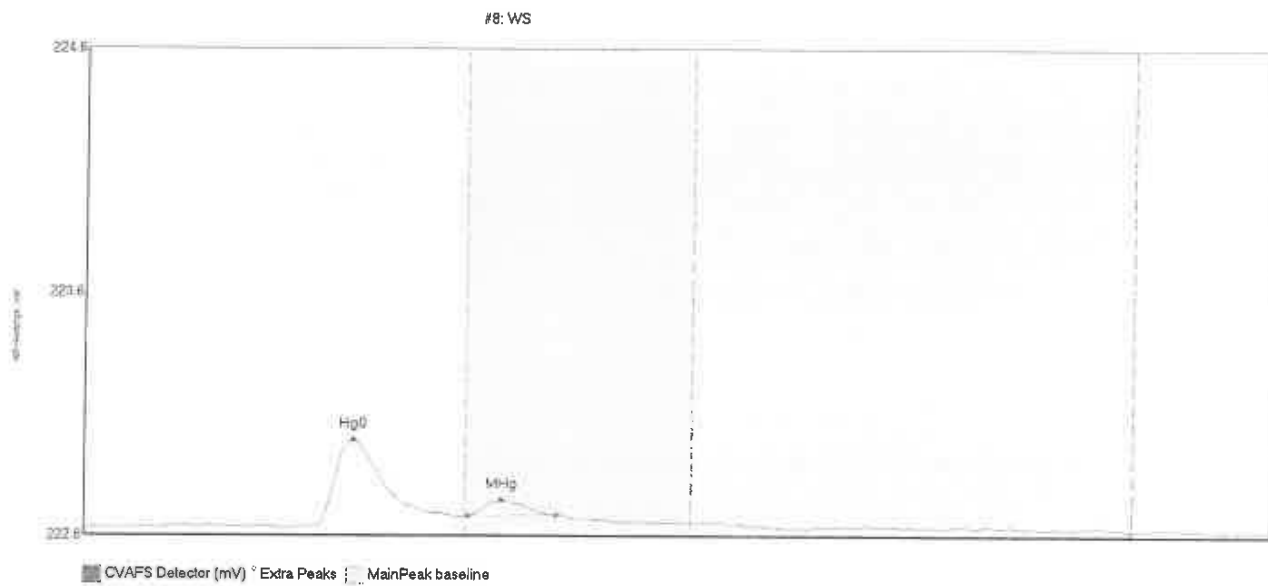
#6: HIGH PRIMER



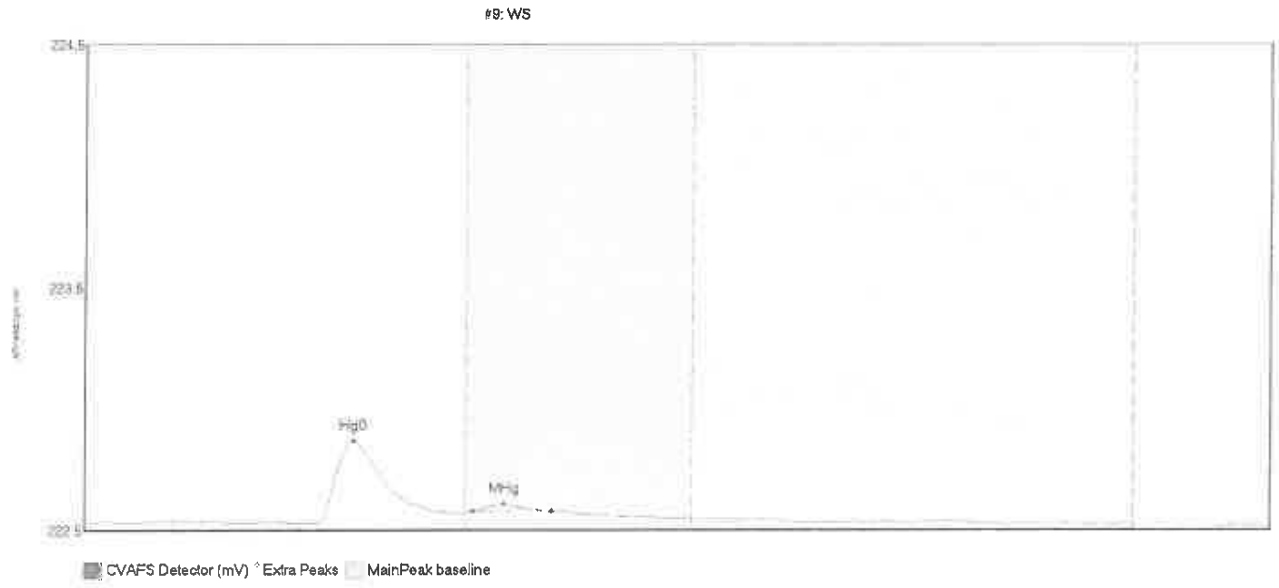
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
HIGH PRIMER Hg0	79.122	48.5	78.9	222.73	222.80	56.8	0.706	OK	222.7447	0.00	-0.01	
HIGH PRIMER MHg	806.132	80.0	127.5	222.82	222.90	88.3	5.608	CT	222.7447	0.00	-0.01	



Name	APPA	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	WIDEN	B1Shift	Comment
PRIMER Hg0	10.579	48.0	79.1	222.67	222.73	56.8	0.625	OK	222.6819	0.00	-0.01	
PRIMER MHg	1.342148	80.0	127.5	222.74	222.78	88.3	3.765	CT	222.6819	0.00	-0.01	

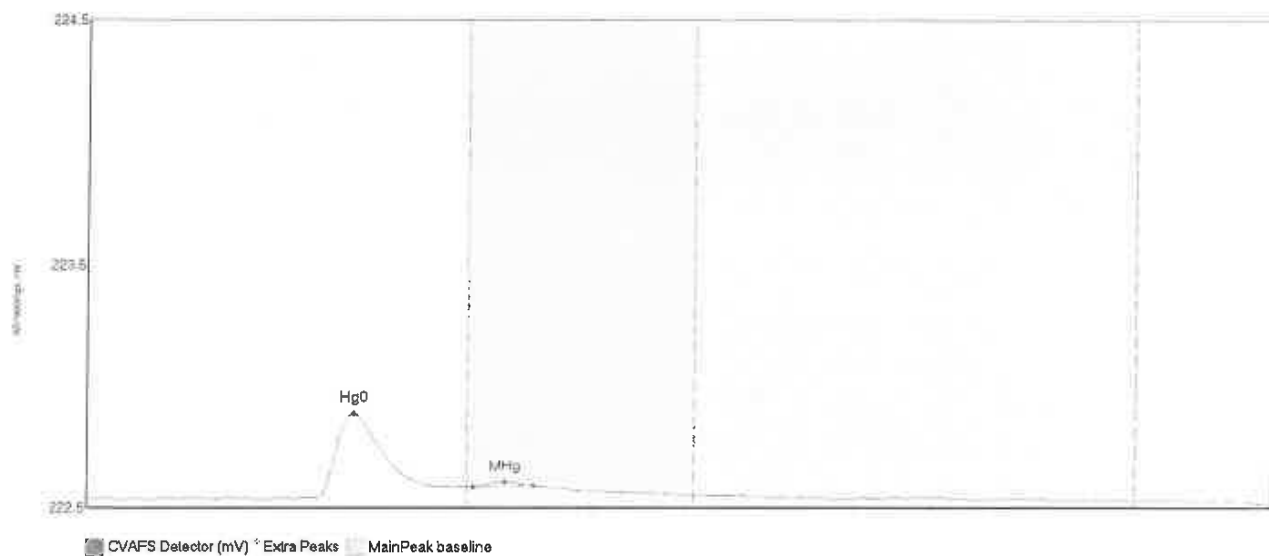


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
WS Hg0	38.571	48.5	78.1	222.62	222.66	56.4	0.353	OK	222.6186	0.00	-0.02	
WS MHg	6.198	80.6	99.2	222.66	222.67	87.6	0.064	OK	222.6186	0.00	-0.02	



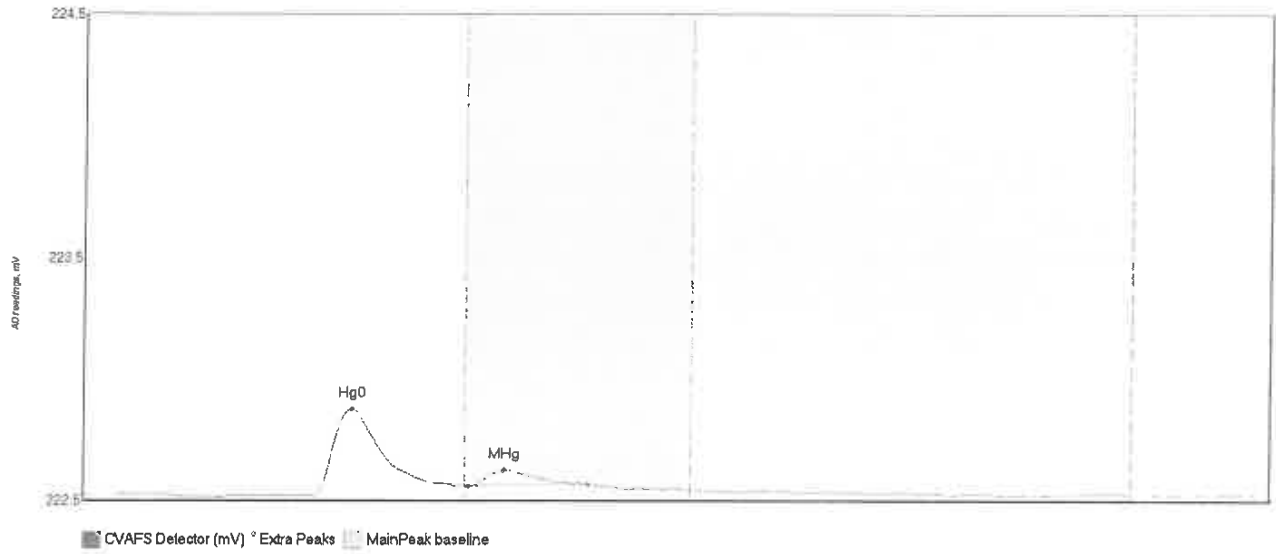
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	Shift	Comment
36.819	48.6	77.7	222.57	222.61	56.3	0.339	OK	222.5691	0.00	-0.01	
2.341	81.7	97.9	222.62	222.62	88.1	0.030	OK	222.5691	0.00	-0.01	

#10: SEQ-IBL1



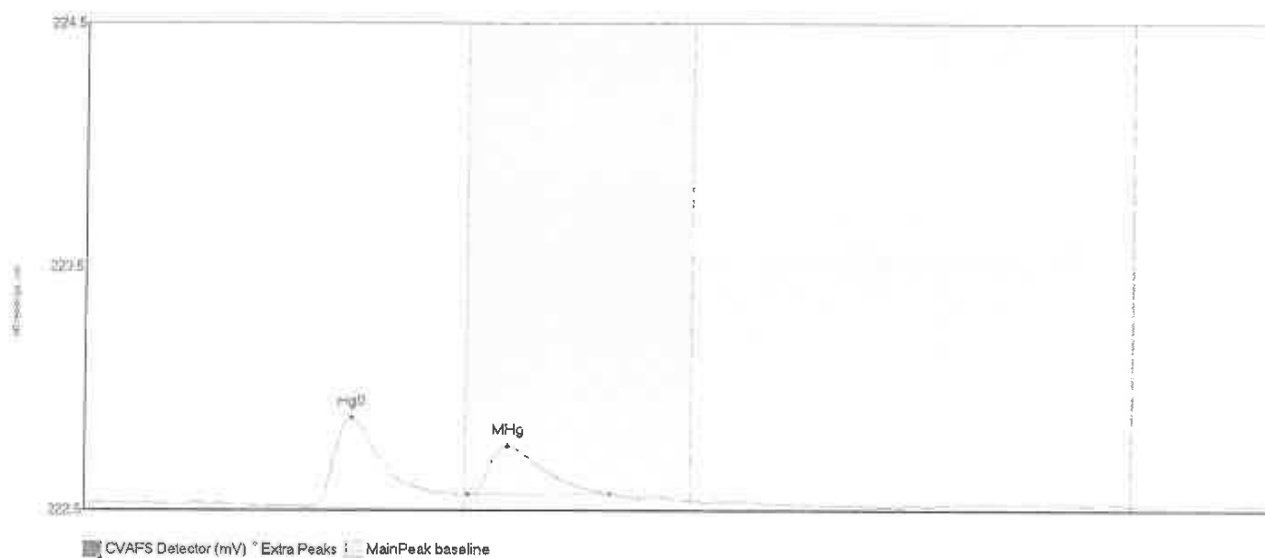
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	Shift	Comment
SEQ-IBL1 Hg0	36.946	47.8	77.2	222.54	222.58	56.2	0.348	OK	222.5366	0.00	-0.02	
SEQ-IBL1 MHg	1.369	81.3	93.9	222.58	222.59	87.9	0.024	OK	222.5366	0.00	-0.02	

#11: SEQ-CAL1

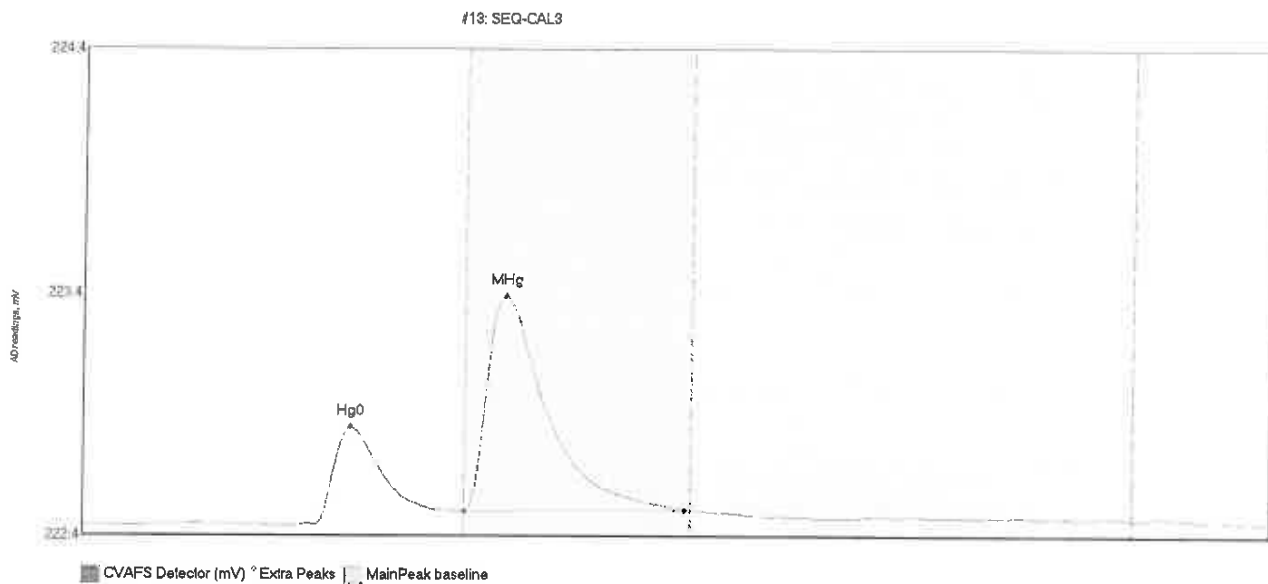


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	lDev	lShift	Comment
SEQ-CAL1 Hg0	39.611	48.9	79.6	222.50	222.54	56.5	0.359	OK	222.5051	0.00	0.00	
SEQ-CAL1 MHg	7.302	80.9	106.0	222.54	222.55	88.3	0.065	OK	222.5051	0.00	0.00	

#12: SEQ-CAL2

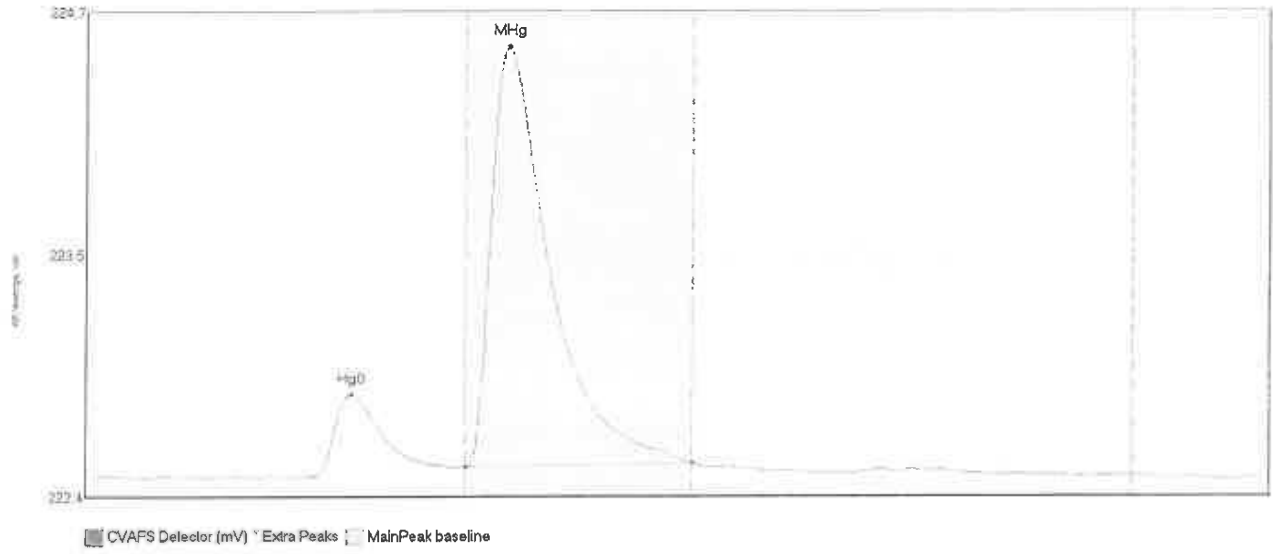


Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Width	Comment
Hg0	40.196	47.0	79.1	222.48	222.53	56.0	0.365	OK	222.4965	0.00	40.196	
MHg	25.561	80.6	110.4	222.53	222.53	88.8	0.203	OK	222.4965	0.00	40.196	

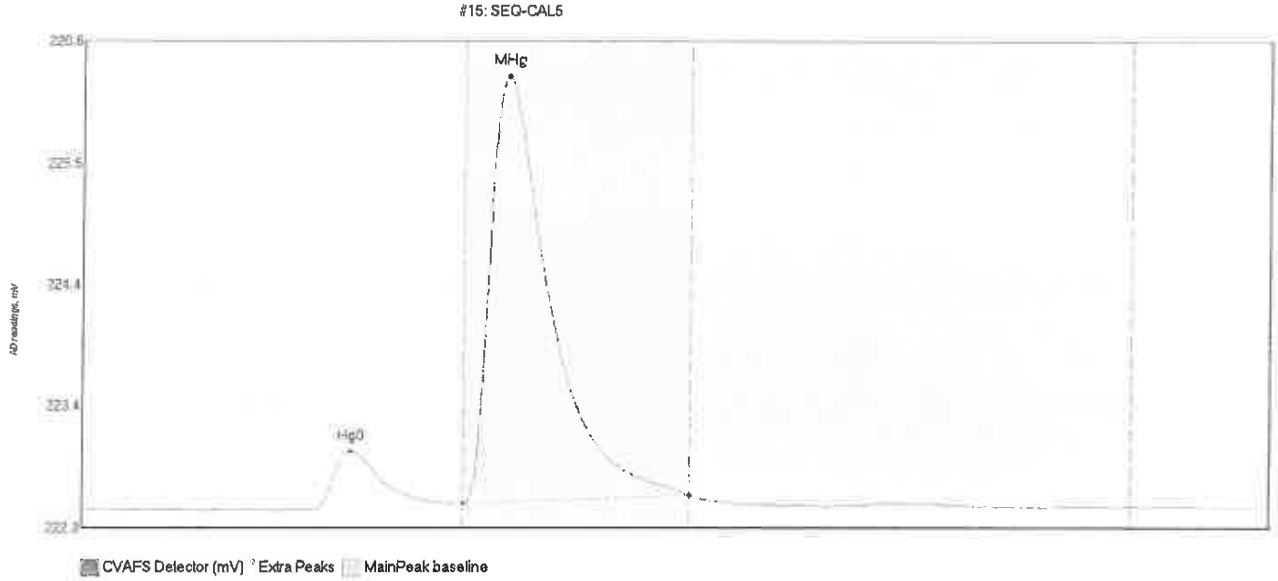


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CAL3 Hg0	43.679	43.9	79.7	222.46	222.51	56.1	0.403	OK	222.4587	0.00	0.01	
SEQ-CAL3 MHg	129.738	80.0	126.2	222.52	222.52	88.5	0.890	OK	222.4587	0.00	0.01	

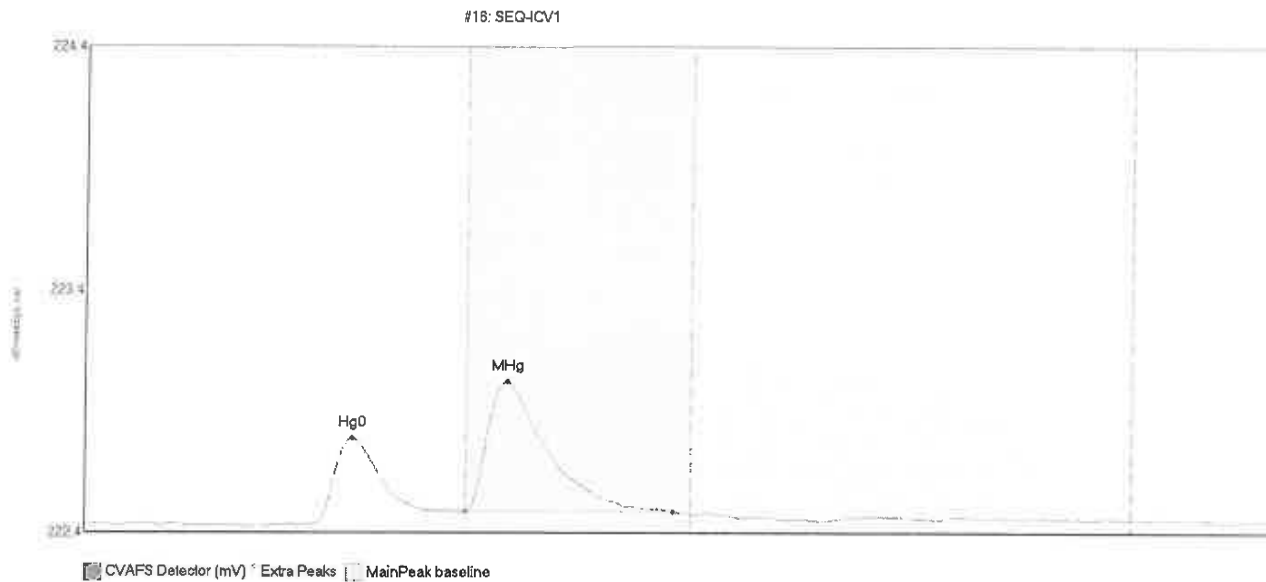
#14: SEQ-CAL4



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CAL4 Hg0	43.292	48.6	77.4	222.46	222.50	56.0	0.403	OK	222.4546	0.00	0.00	
SEQ-CAL4 MHg	294.100	80.1	127.5	222.50	222.52	89.1	2.066	CT	222.4546	0.00	0.00	

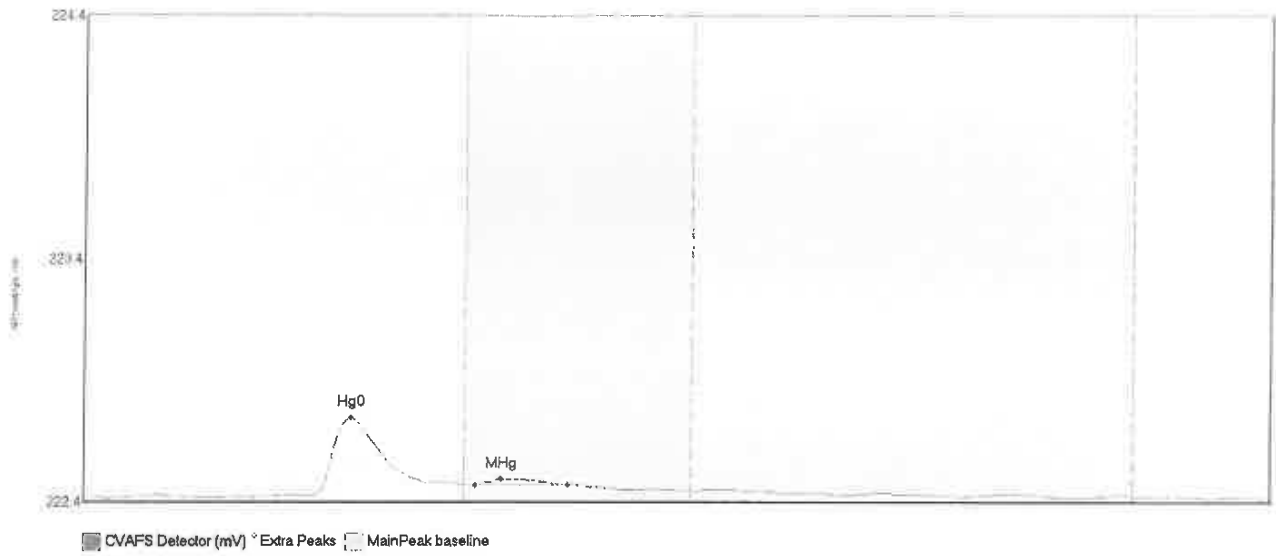


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CAL5 Hg0	57.357	48.5	79.8	222.44	222.50	56.5	0.520	OK	222.4386	0.00	0.02	
SEQ-CAL5 MHg	545.250	80.0	127.5	222.50	222.57	89.1	3.806	CT	222.4386	0.00	0.02	



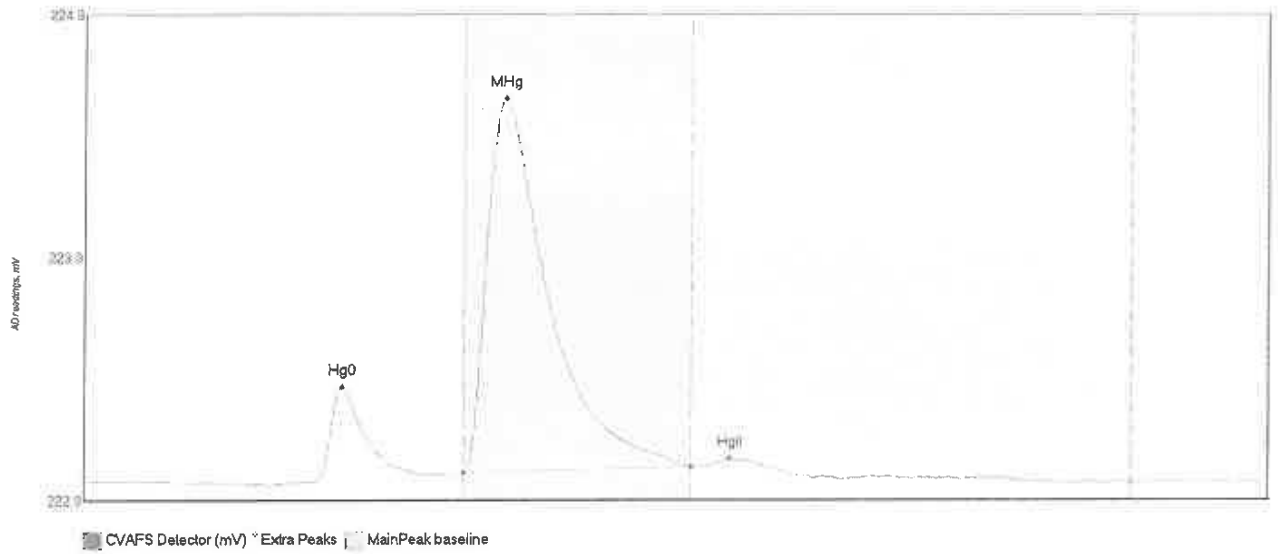
Name	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	B1Dev	B1Shift	Comment
SEQ-ICV1 Hg0	48.0	79.3	222.43	222.40	56.2	0.353	OK	0.00	0.01	
SEQ-ICV1 MHg	80.0	123.6	222.48	222.48	88.6	0.536	OK	0.00	0.01	

#17: SEQ-ICB1



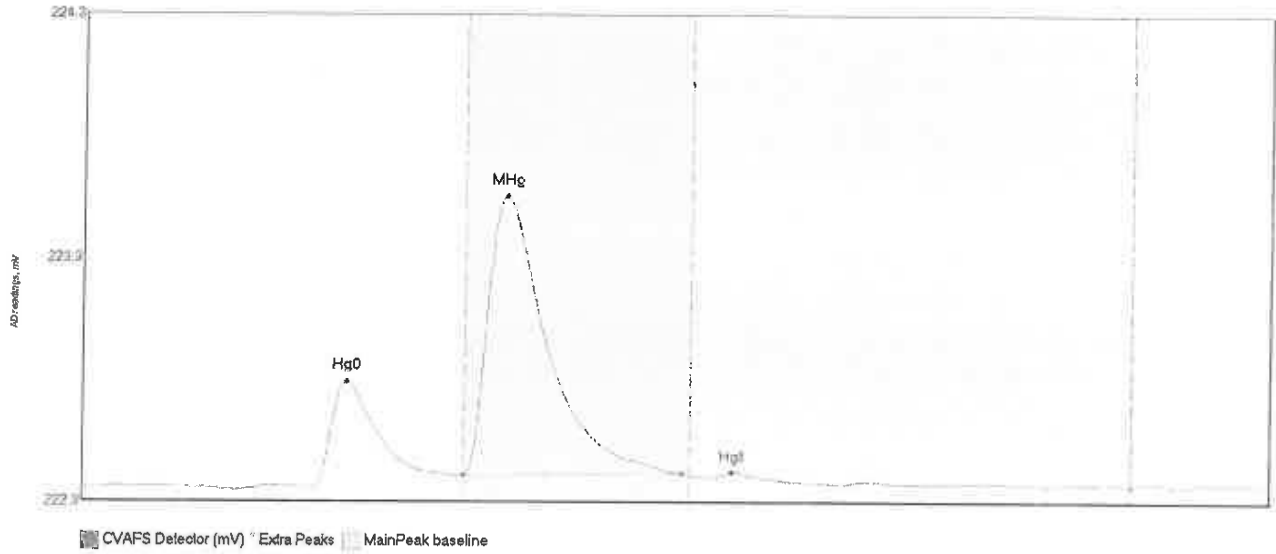
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-ICB1 Hg0	35.305	47.3	80.0	222.44	222.49	56.2	0.318	CT	222.4411	0.00	-0.01	
SEQ-ICB1 MHg	3.226	82.2	101.8	222.49	222.49	87.7	0.026	OK	222.4411	0.00	-0.01	

#18: F009391-BS3



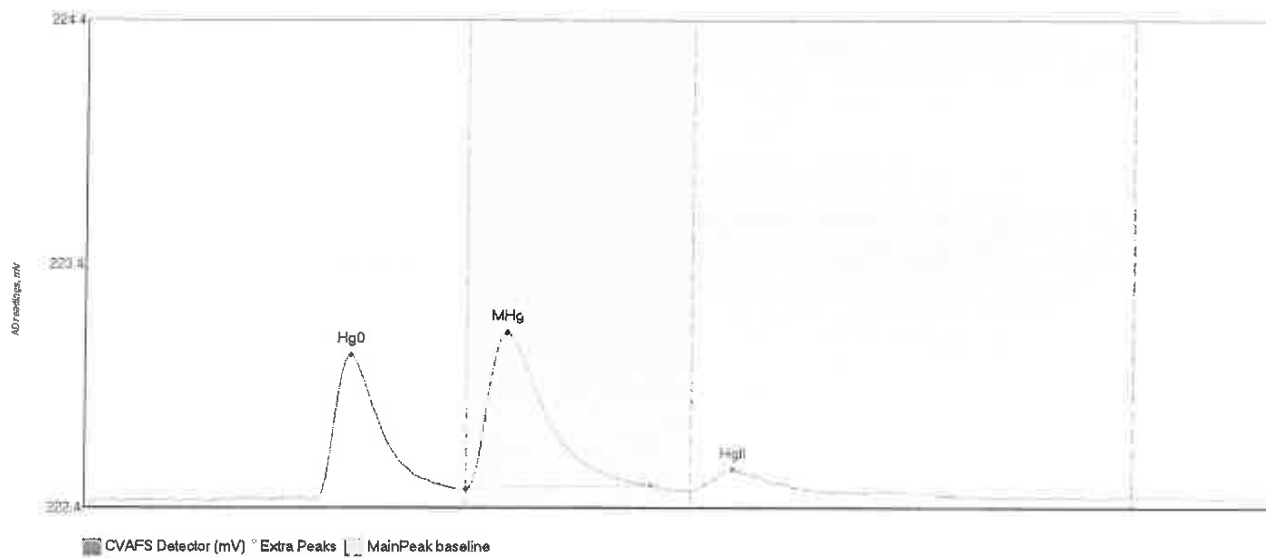
Name	Area	Start Time	EndTime	StartValue	EndValue	Height	Max	PeakHeight	Flags	Retention	StDev	Comment
F009391-BS3 Hg0	32.695	48.6	78.8	222.42	222.45	14.1	0.397	0.397	OK	222.438	0.00	F009391
F009391-BS3 MHg	228.300	80.0	127.5	222.46	222.48	155.3	1.545	1.545	CT	222.470	0.00	F009391
F009391-BS3 HgI	4.185	128.1	146.2	222.48	222.47	120.5	0.035	0.035	OK	222.425	0.00	F009391

#19: F009391-BSD3



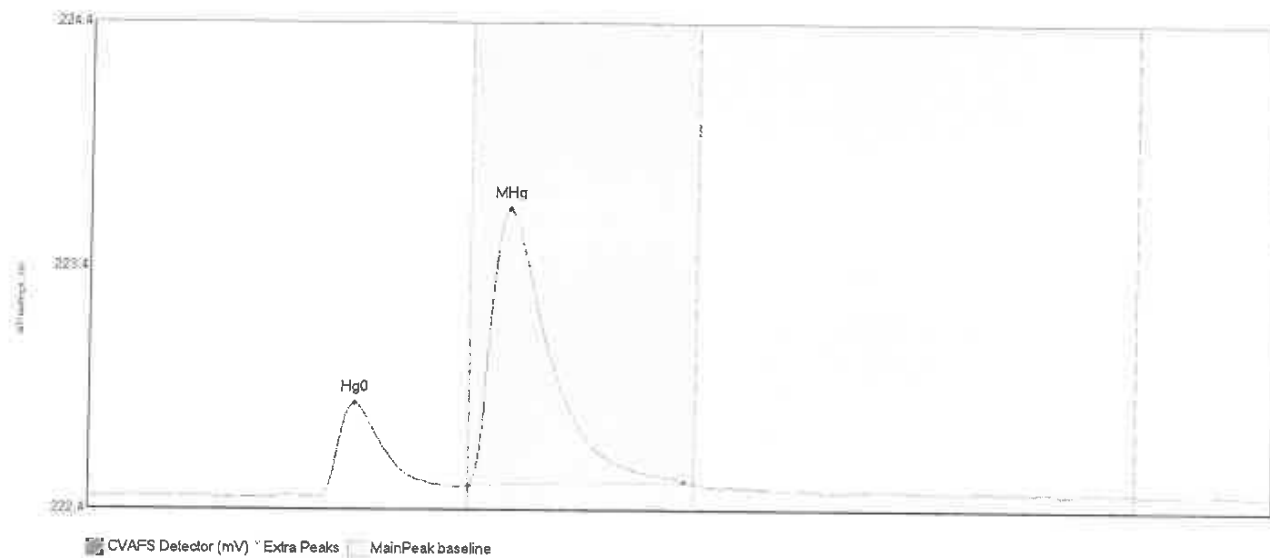
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BIShift	Comment
F009391-BSD3 Hg	45.578	47.8	79.1	222.41	222.45	55.4	0.434	OK	222.4093	0.08	0.01	F009391
F009391-BSD3 MH	163.130	80.0	125.9	222.46	222.46	88.5	1.146	OK	222.4093	0.03	0.01	F009391
F009391-BSD3 Hg	0.571	131.6	139.3	222.45	222.46	136.3	0.021	OK	222.4093	0.08	0.01	F009391

#20: F009392-BS2



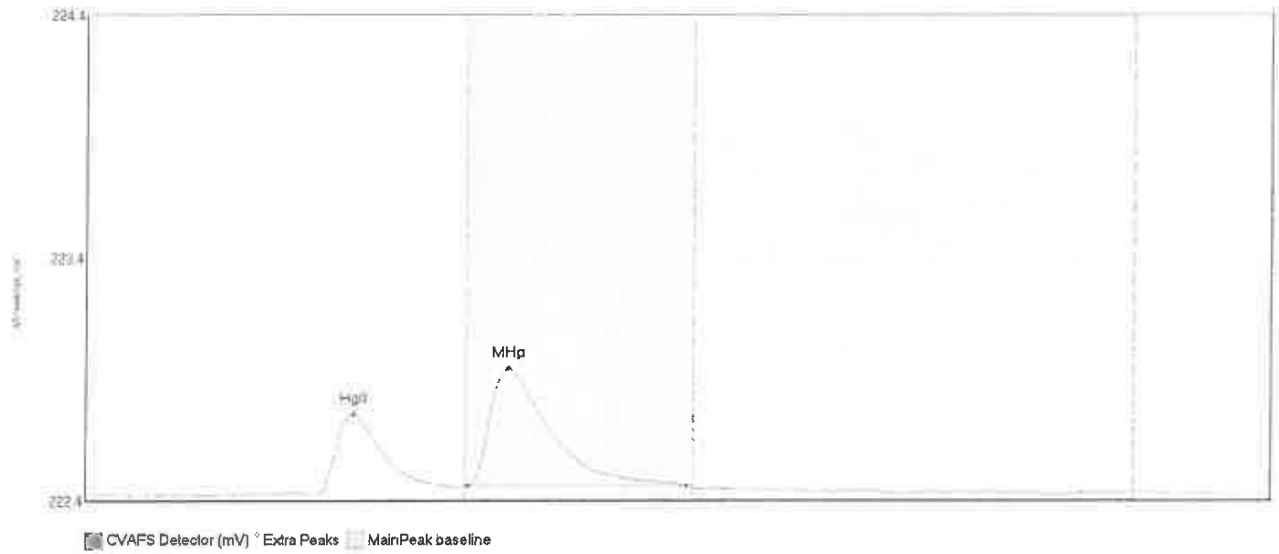
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009392-BS2 Hg0	61.249	27.3	79.8	222.40	222.45	55.8	0.599	OK	222.3998	0.00	0.01	F009392
F009392-BS2 MHg	88.718	80.0	119.1	222.45	222.46	88.5	0.639	OK	222.3998	0.00	0.01	F009392
F009392-BS2 HgI	10.376	127.5	153.8	222.44	222.44	136.1	0.083	OK	222.3998	0.00	0.01	F009392

#21: F009392-BSD2



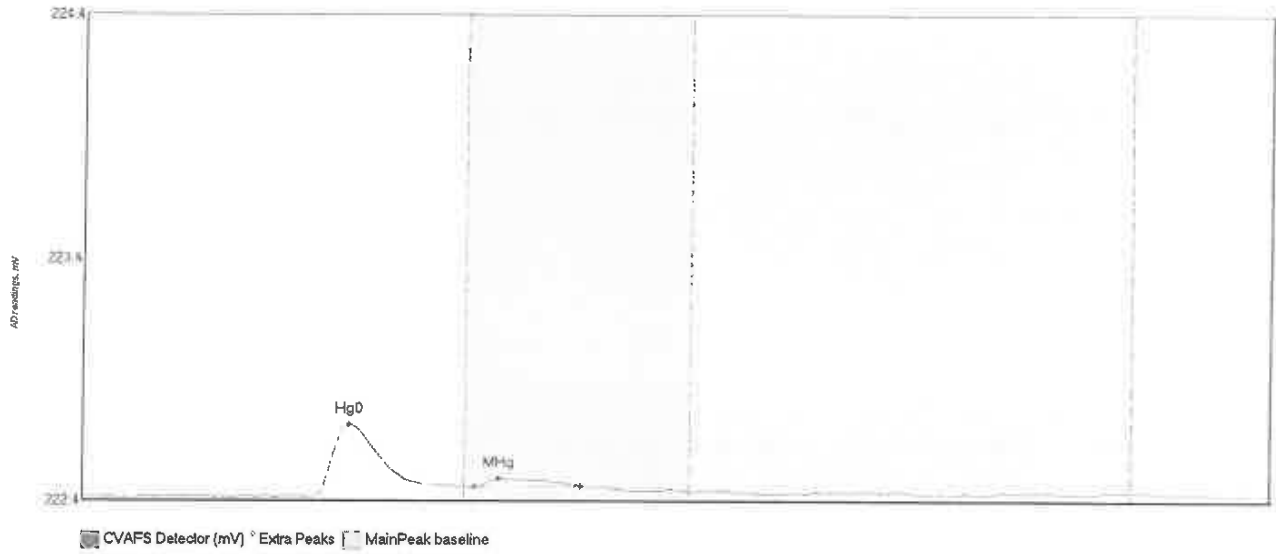
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009392-BSD2 Hg	39.409	49.0	76.9	222.41	222.45	55.8	0.384	OK	222.4055	0.00	0.01	
F009392-BSD2 MH	162.030	80.0	125.3	222.46	222.47	88.4	1.132	OK	222.4055	0.00	0.01	

#22: SEQ-CCV1



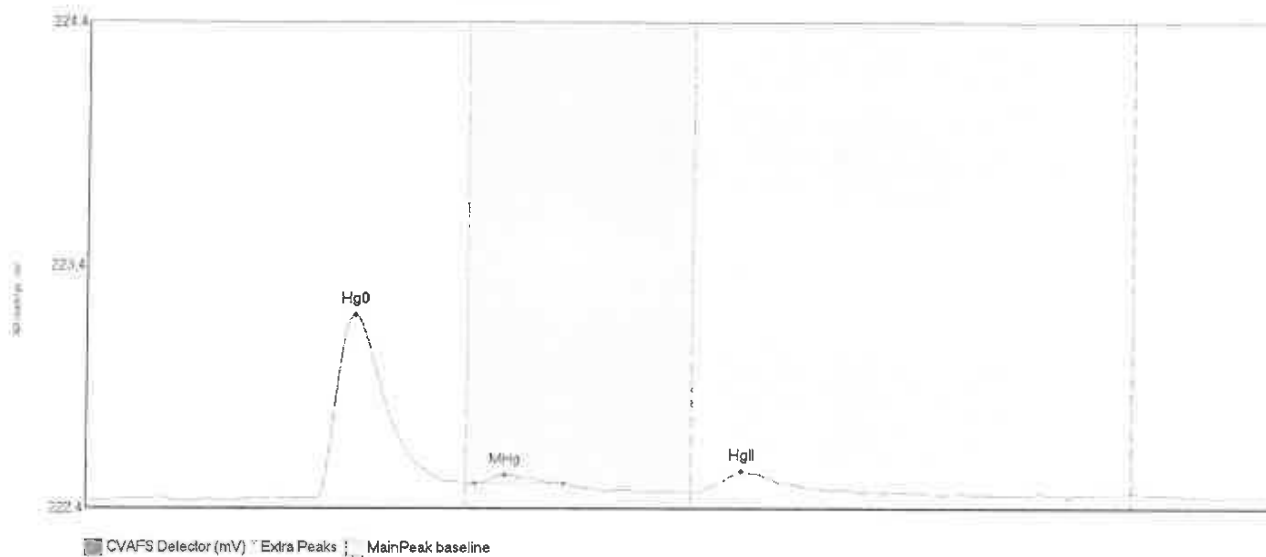
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	PeakTime	BiDev	MINIM	Comment
SEQ-CCV1 Hg0	36.293	48.0	77.2	222.40	222.44	56.4	0.333	OK	222.410	0.00	0.30	F009426
SEQ-CCV1 MHg	68.997	80.5	126.1	222.44	222.41	88.7	0.481	OK	222.410	0.00	0.30	F009426

#29: SEQ-CCB1



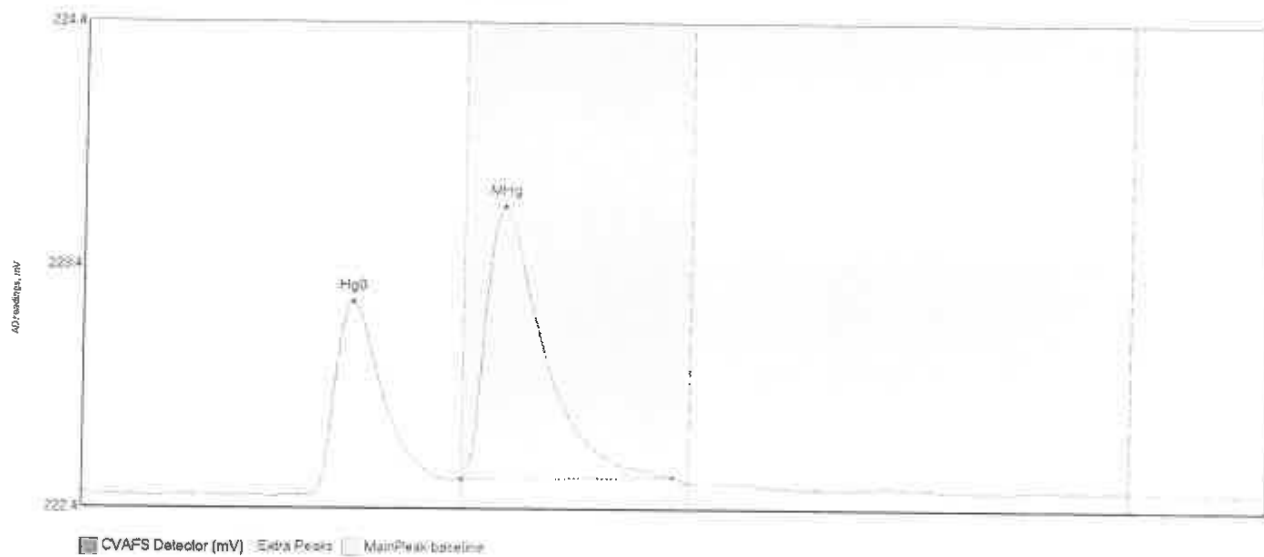
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
SEQ-CCB1 Hg0	31.783	48.8	80.0	222.40	222.44	56.1	0.296	CT	222.3981	0.00	0.01	
SEQ-CCB1 MHg	4.457	82.2	104.3	222.44	222.44	87.1	0.034	OK	222.3981	0.00	0.01	

#24: 0100073-56



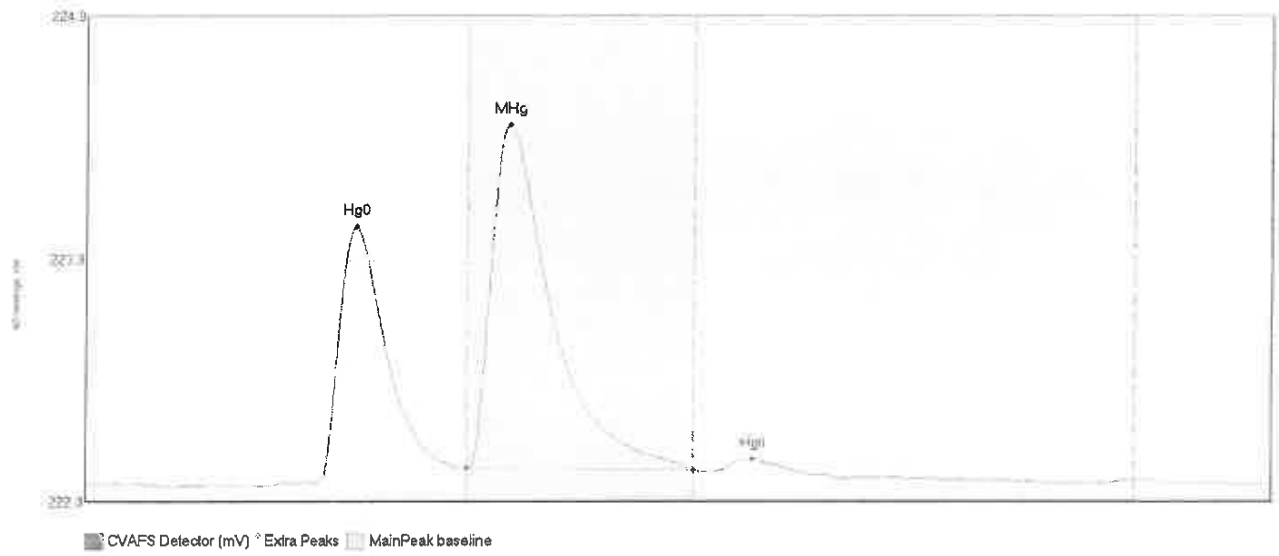
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-56 Hg0	83.117	34.2	80.0	222.41	222.47	56.5	0.757	CT	222.4012	0.00	0.01	F009426
0100073-56 MHg	3.333	81.9	100.8	222.47	222.47	88.2	0.036	OK	222.4012	0.00	0.01	F009426
0100073-56 HgII	12.807	128.2	162.6	222.43	222.43	137.8	0.088	OK	222.4012	0.00	0.01	F009426

#25: F009424-BS1



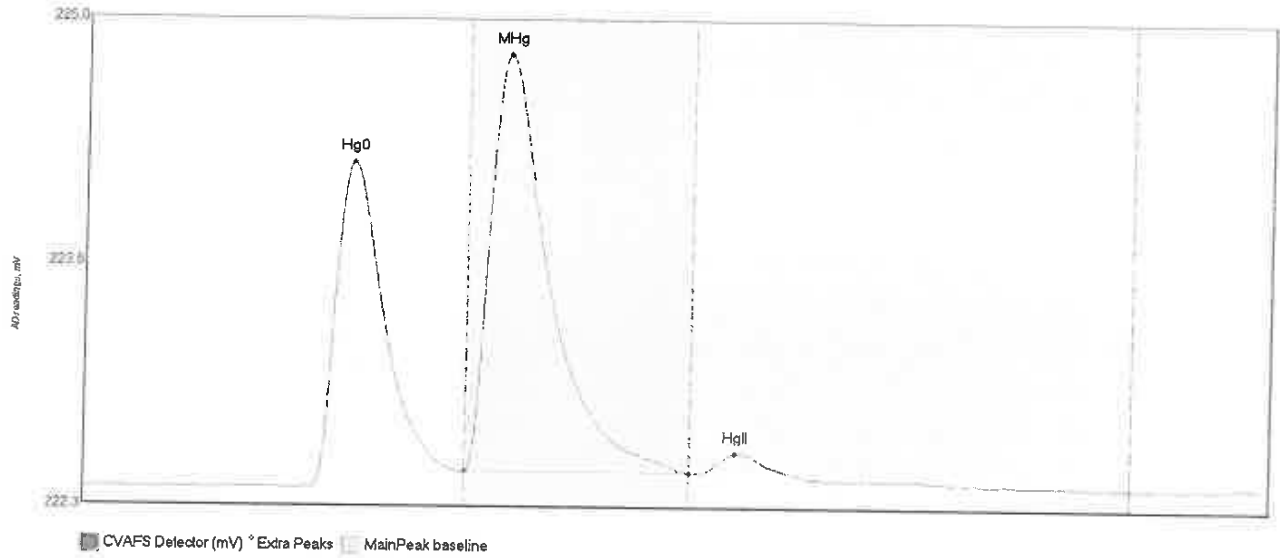
Case	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Width	Comment
F009424-BS1	Hg0 88.494	47.5	73.0	222.41	222.47	56.5	0.798	OK	222.4199	0.00	0.00	F009424
F009424-BS1	MHg 156.573	80.0	123.9	222.18	222.48	88.5	1.122	OK	222.4199	0.00	0.00	F009424

#28: F009424-BSD1



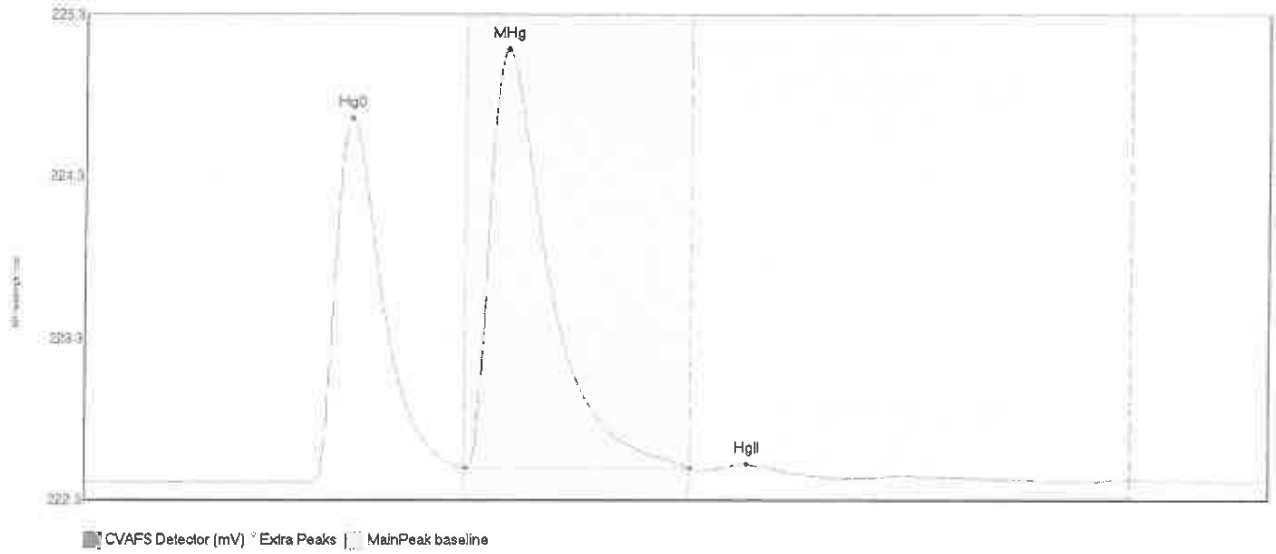
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	BShift	Comment
20070818-00011	Hg 118.170	47.5	79.8	222.42	222.48	56.6	1.056	OK	222.4142	0.00	0.00	F009424
20070818-00012	MH 204.565	80.0	127.5	222.48	222.48	88.7	1.416	CT	222.4142	0.00	0.00	F009424
20070818-00013	Hg 5.627	131.7	150.9	222.47	222.46	139.9	0.049	OK	222.4142	0.00	0.00	F009424

#27: F009425-BS1



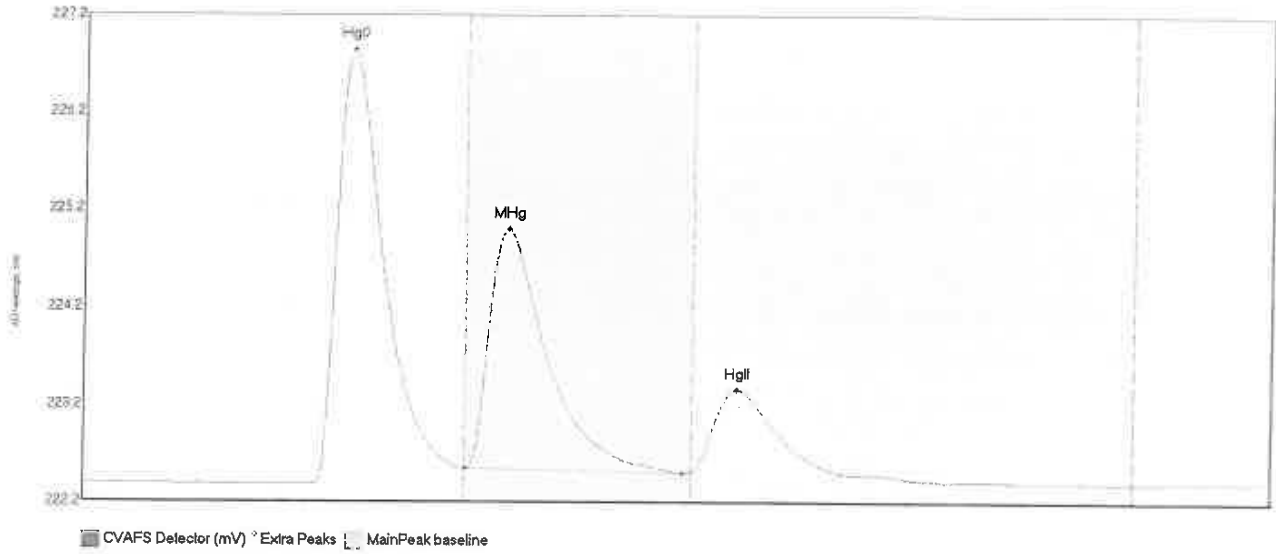
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009425-BS1	Hg0 198.855	48.1	79.6	222.41	222.49	56.2	1.773	OK	222.4106	0.00	0.01	F009425
F009425-BS1	MHg 325.553	80.0	127.4	222.50	222.50	88.4	2.274	OK	222.4106	0.00	0.01	F009425
F009425-BS1	HgI 13.429	120.4	153.4	222.50	222.47	136.8	0.103	OK	222.4106	0.00	0.01	F009425

#28: F009425-BSD1

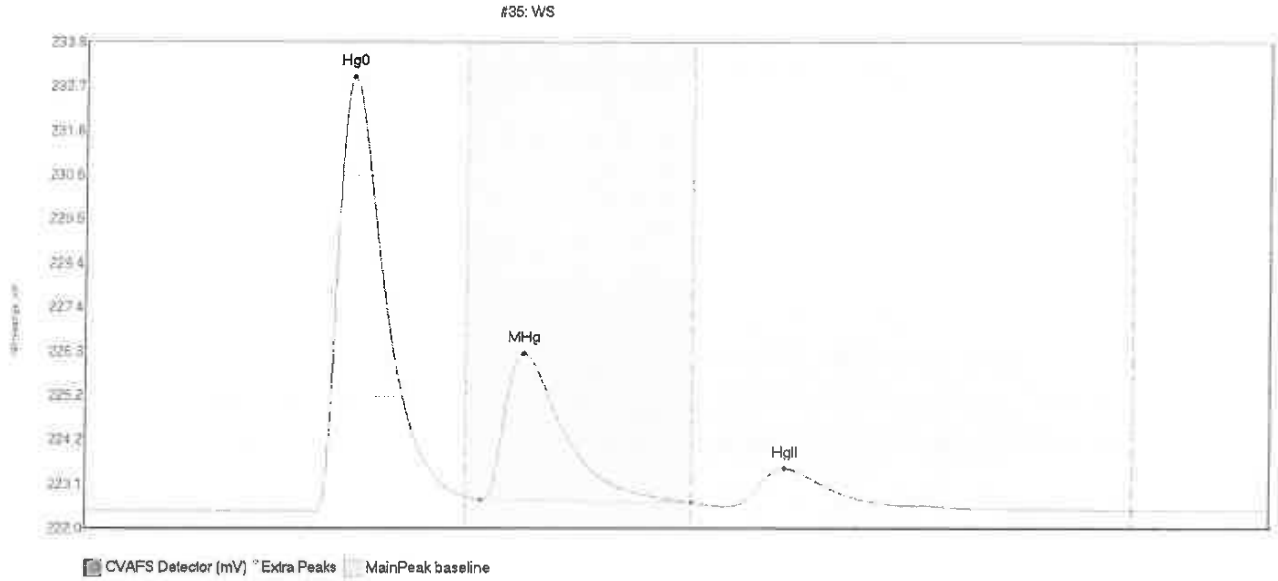


Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Comment
Hg 251.995	47.9	80.0	222.42	222.51	56.1	2.245	CT	222.4234	0.00	F009425
MH 369.826	80.3	127.5	222.51	222.51	88.9	2.583	CT	222.4234	0.00	F009425
Hg 5.557	131.7	153.7	222.50	222.46	139.2	0.038	OK	222.4234	0.00	F009425

#29: F009426-BS1



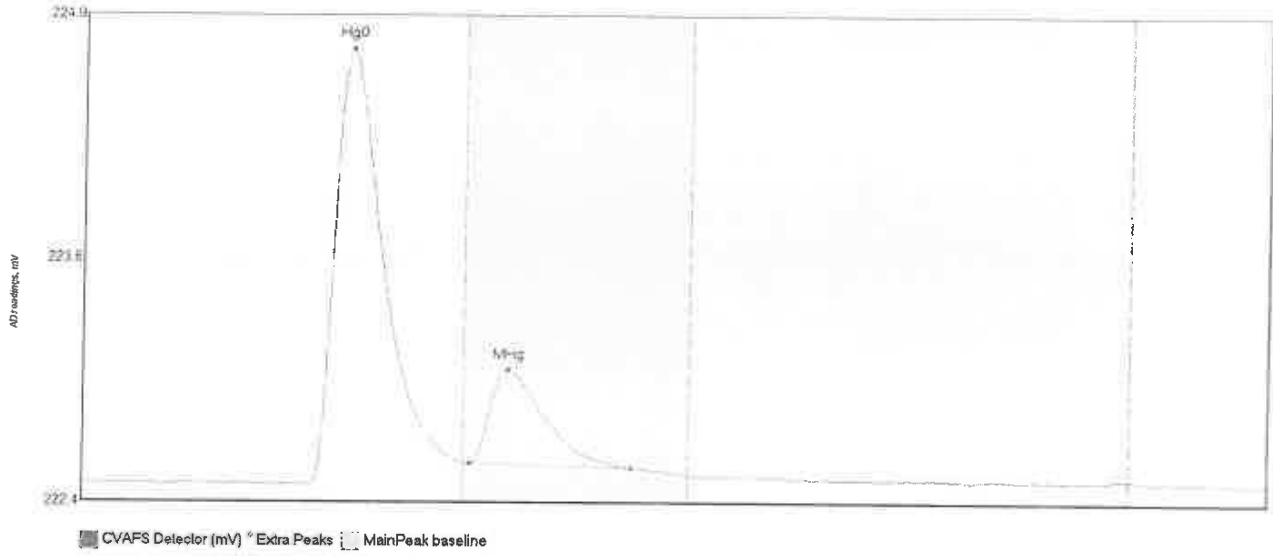
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BS1 Hg0	491.360	48.0	80.0	222.42	222.57	56.0	4.411	CT	222.4213	0.00	0.02	F009426
F009426-BS1 MHg	340.116	80.2	125.6	222.57	222.53	88.8	2.433	OK	222.4213	0.00	0.02	F009426
F009426-BS1 HgI	122.354	127.5	161.5	222.55	222.51	136.9	0.837	OK	222.4213	0.00	0.02	F009426



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
WS Hg0	1160.891	48.0	80.0	222.45	222.80	56.4	10.485	CT	222.4536	0.00	0.03	CLEARING L
WS MHg	506.382	83.2	127.5	222.70	223.95	92.0	3.556	CT	222.4536	0.00	0.03	CLEARING L
WS HgII	139.884	134.9	172.9	222.57	222.78	147.0	0.905	OK	222.4536	0.00	0.03	CLEARING L

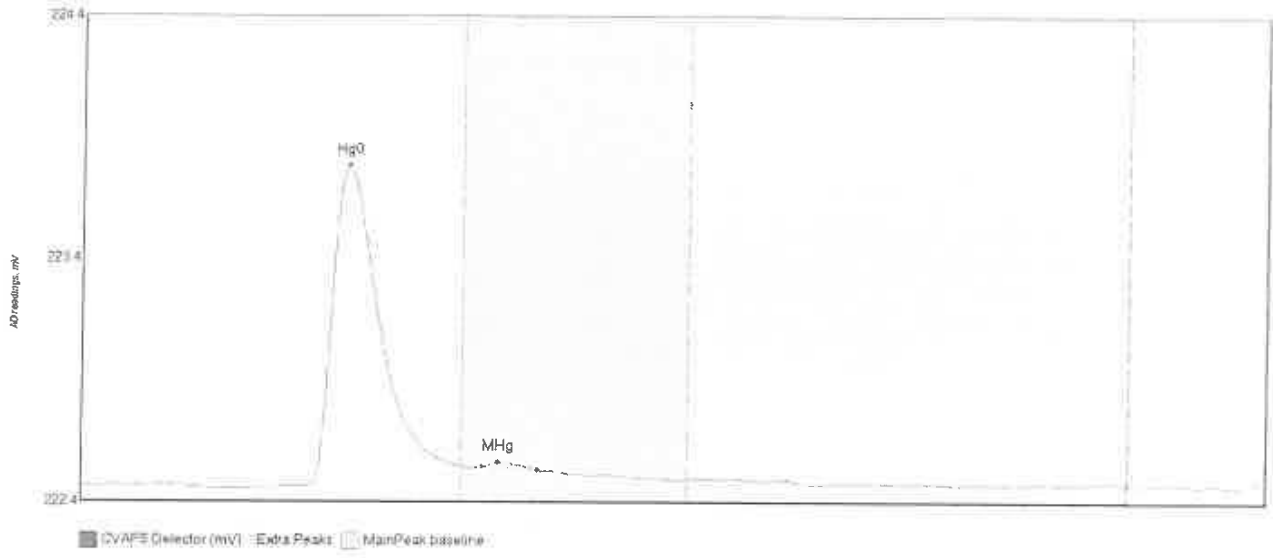
No data for lines 30-34, computer shut down
and lines skipped -zctt 10/5/2020

#36: SEQ-CCV2



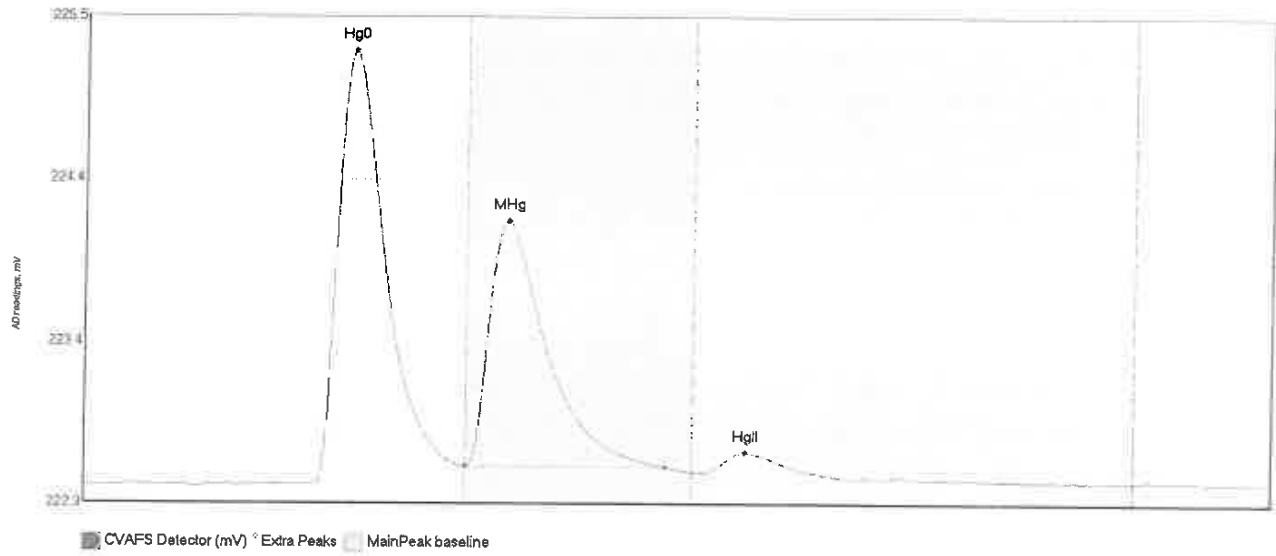
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCV2 Hg0	253.270	47.5	80.0	222.46	222.57	56.3	2.242	CT	222.4659	0.00	0.00	
SEQ-CCV2 MHg	63.969	115.5	115.5	222.57	222.54	89.1	0.482	OK	222.4659	0.00	0.00	

#37: SEQ-CCB2



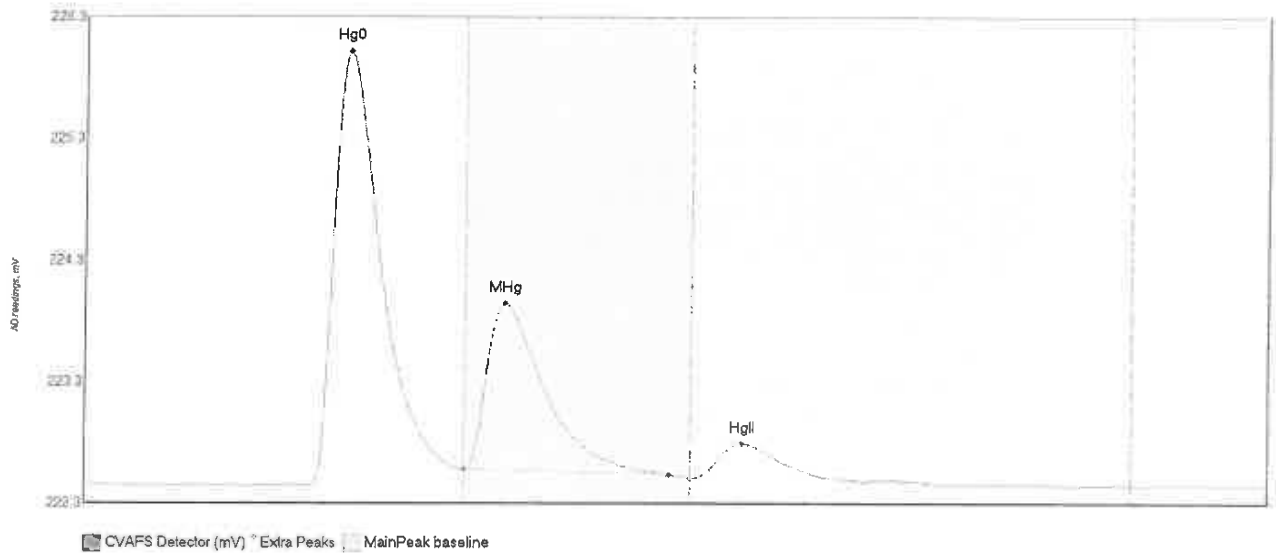
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
78.3	145.353	48.3	80.0	222.47	222.55	55.9	1.312	CT	222.4100	0.00	0.00	
84.4	1.471	84.4	95.9	222.55	222.54	87.8	0.018	OK	222.4100	0.00	0.00	

#38: F009427-BS1



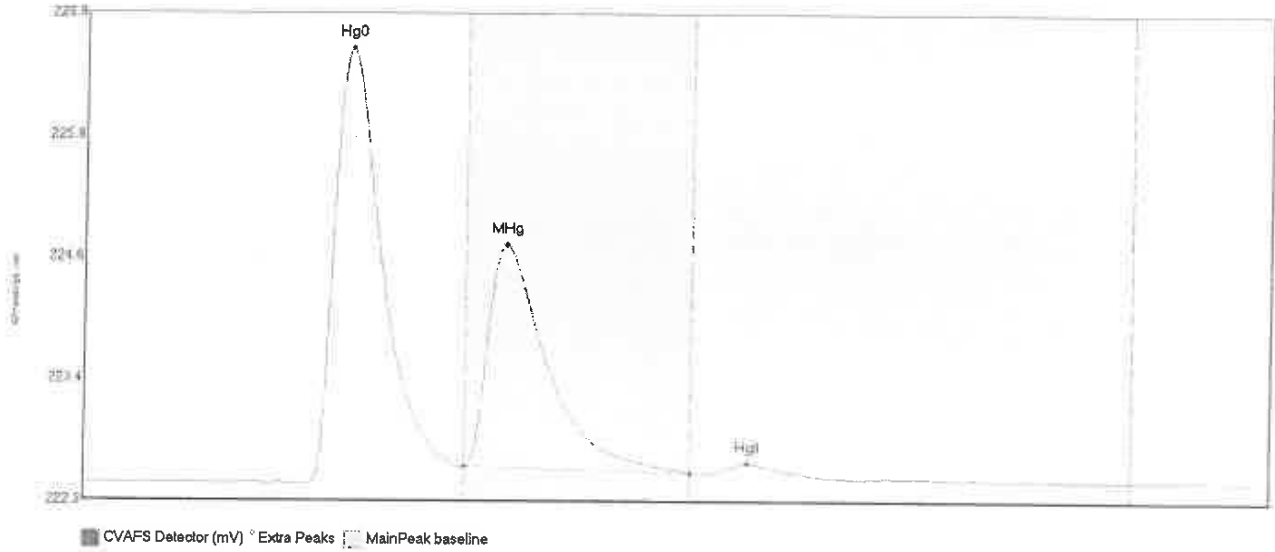
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Comment
Hg0	309.461	48.0	79.7	222.47	222.58	56.1	2.765	OK	222.4638	0.00	F009427
MHg	218.258	80.0	121.7	222.58	222.58	88.5	1.571	OK	222.4638	0.00	F009427
HgI	14.856	129.6	152.2	222.55	222.55	139.4	0.131	OK	222.4638	0.00	F009427

#39: F009427-RSD1



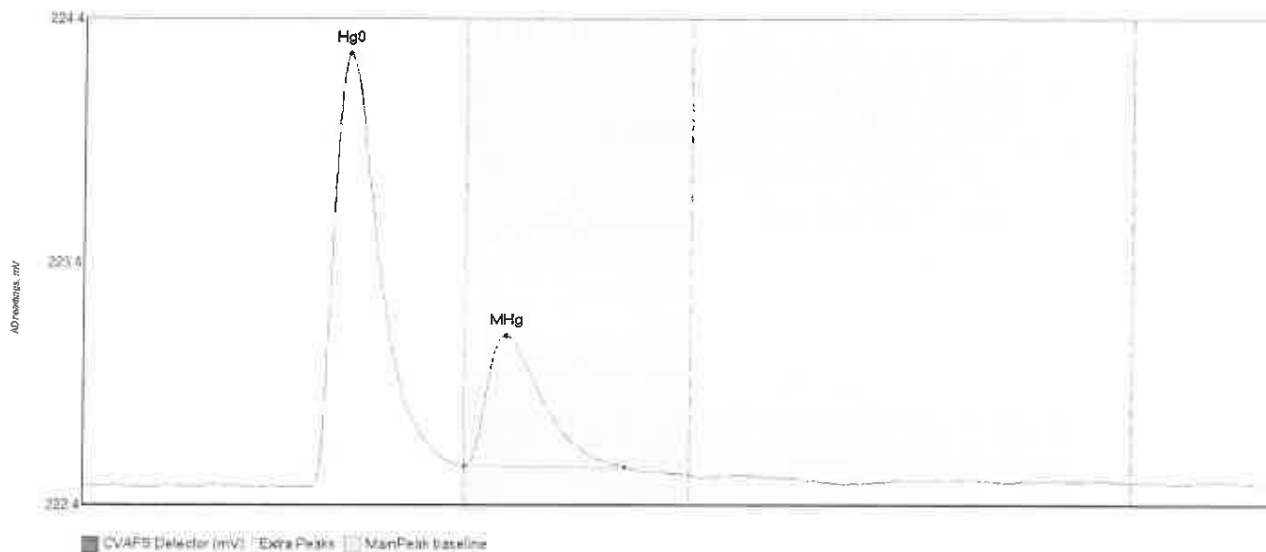
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009427-RSD1 Hg	388.107	41.8	80.0	222.48	222.60	55.8	3.507	CT	222.4762	0.00	0.00	F009427
F009427-RSD1 MH	190.021	80.0	123.0	222.60	222.57	88.3	1.347	OK	222.4762	0.00	0.00	F009427
F009427-RSD1 Hg	38.765	127.5	157.4	222.54	222.53	138.1	0.276	OK	222.4762	0.00	0.00	F009427

#40: F009428-BS1



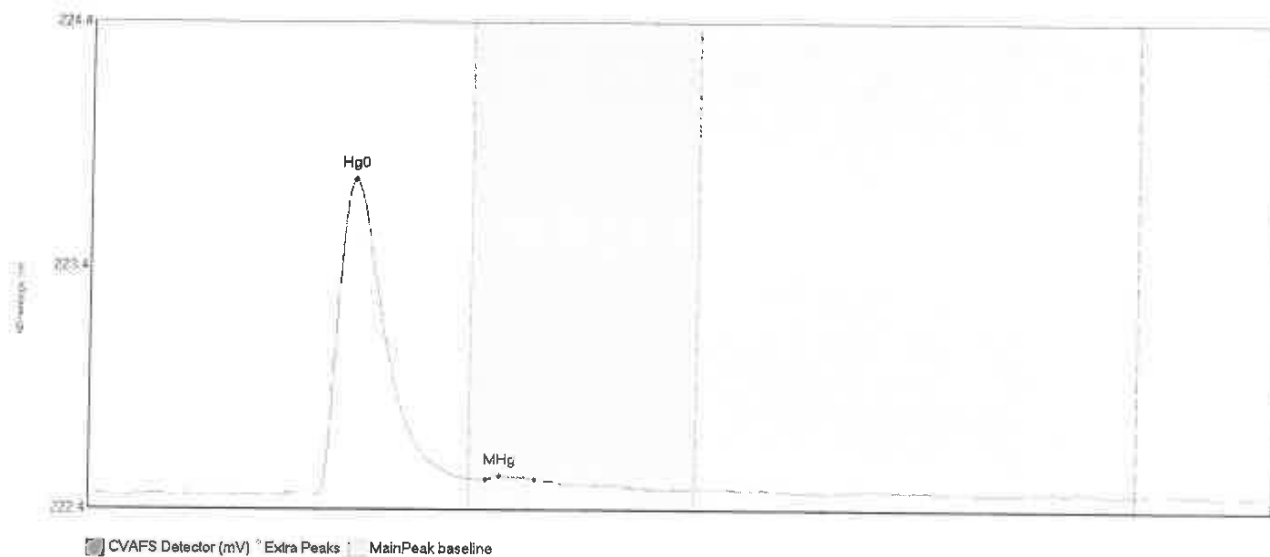
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-ES1 Hg0	461.526	47.1	79.9	222.46	222.61	55.7	4.128	OK	222.4630	0.00	0.02	F009428
F009428-BS1 MRg	303.364	80.0	127.5	222.61	222.55	88.5	2.109	CT	222.4630	0.00	0.02	F009428
F009428-BS1 Hg1	13.211	130.3	154.5	222.55	222.52	139.5	0.100	OK	222.4630	0.00	0.02	F009428

#41: SEQ-CCV3



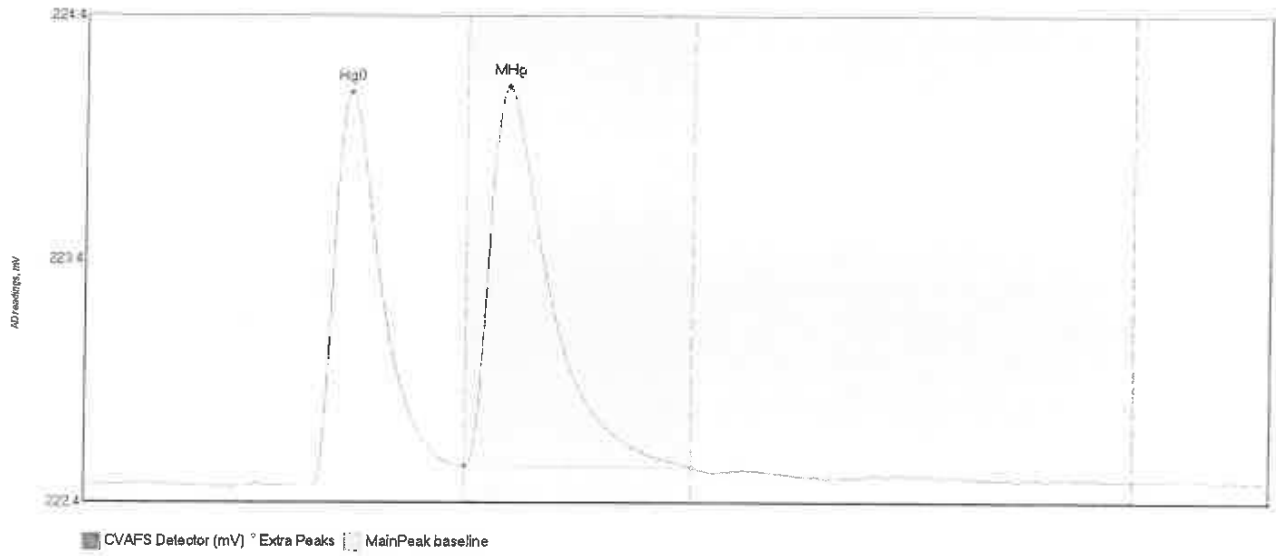
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCV3	198.573	47.9	80.0	222.46	222.55	55.6	1.794	CT	222.4668	0.00	0.00	
SEQ-CCV3	73.344	80.2	113.8	222.55	222.54	88.7	0.546	OK	222.4668	0.00	0.00	

#42: SEQ-CCB3



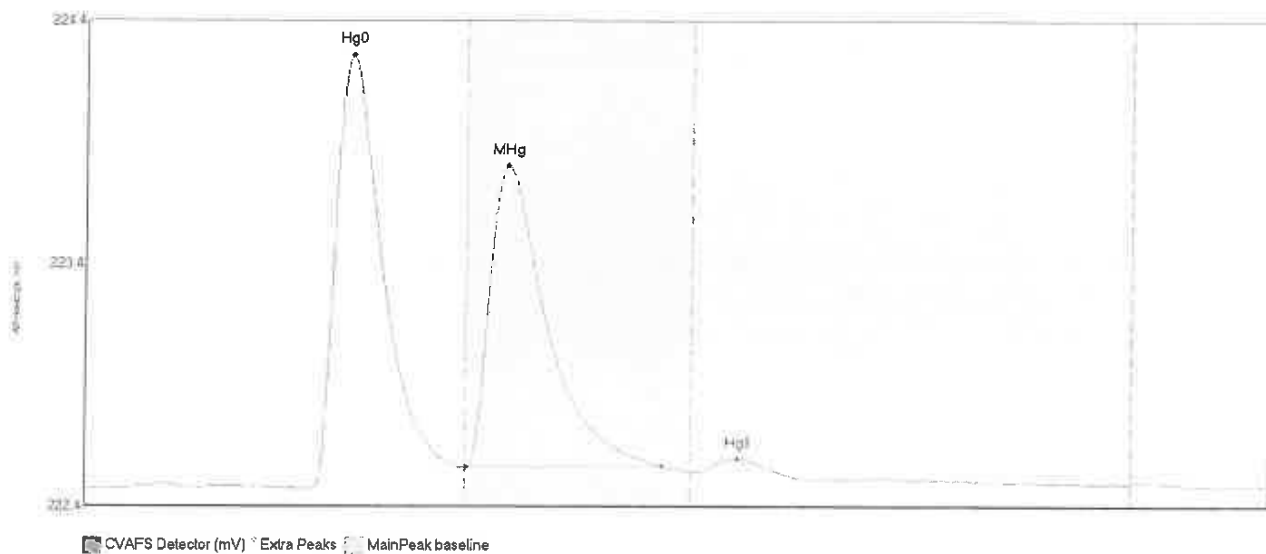
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	StdDev	Height	Comment
SEQ-CCB3 Hg0	141.082	47.8	80.0	222.46	222.53	55.4	1.290	CT	76.100	0.00	1.290	
SEQ-CCB3 MHg	0.886	83.5	93.7	222.52	222.52	86.4	0.015	OK	83.600	0.00	0.015	

#43: F009424-BS1



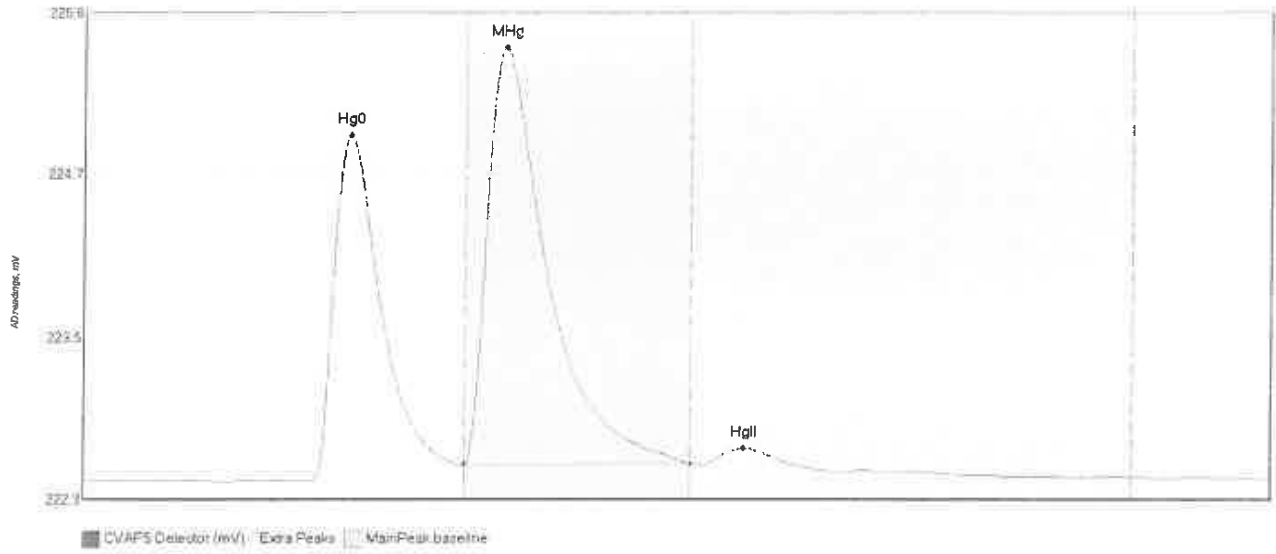
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
F009424-BS1 Hg0	179.026	47.6	79.2	222.45	222.53	55.8	1.615	OK	222.4516	1.615	1.615	F009424
F009424-BS1 MHg	225.663	80.0	127.5	222.53	222.53	88.7	1.560	CT	222.4516	1.560	1.560	F009424

#44: F009424-BSD1



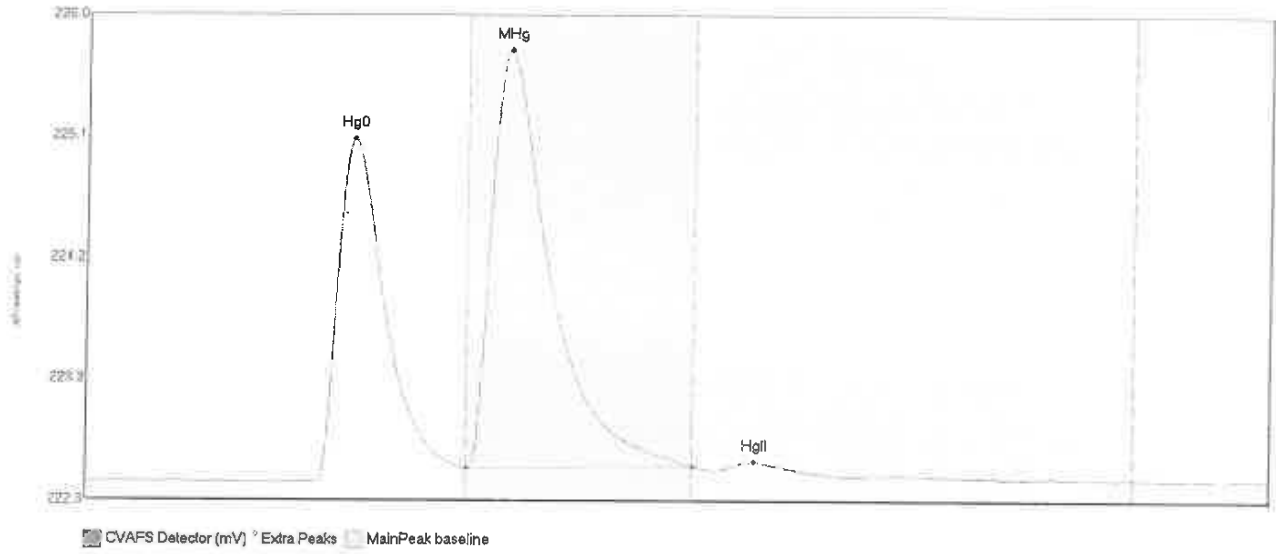
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009424-BSD1 Hg	200.402	47.9	80.0	222.46	222.55	55.8	1.804	CT	222.4585	0.00	0.01	F009424
F009424-BSD1 MHg	171.567	80.1	121.2	222.55	222.55	88.6	1.257	OK	222.4585	0.00	0.01	F009424
F009424-BSD1 HgI	6.891	129.7	150.3	222.53	222.50	137.4	0.051	OK	222.4585	0.00	0.01	F009424

#45: F009425-BS1



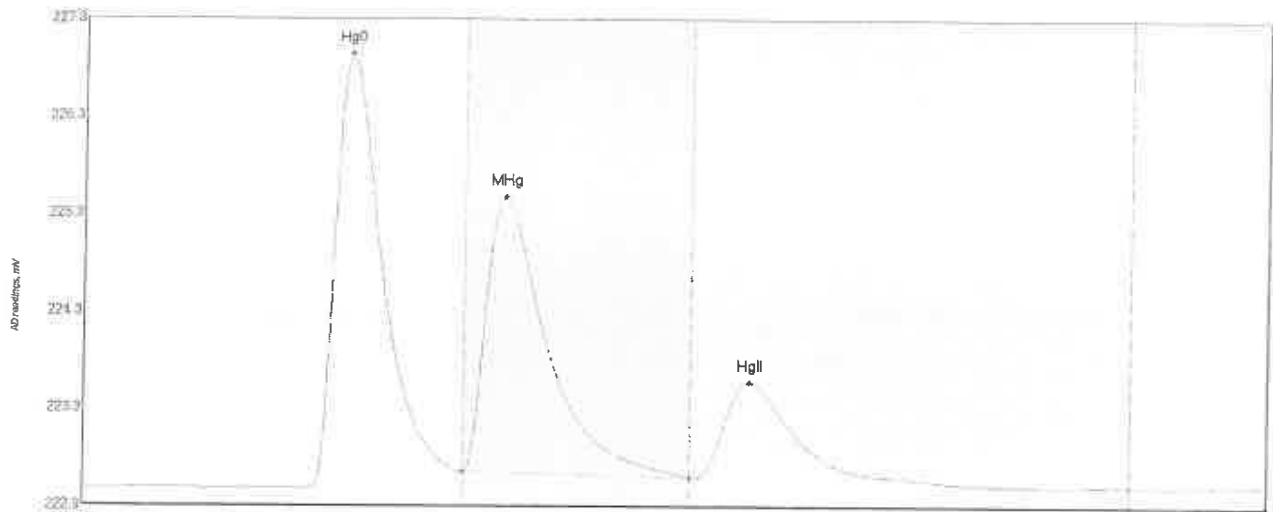
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009425-BS1 Hg0	271.729	45.8	79.6	222.47	222.58	55.8	2.467	OK	222.4696	0.00	0.01	F009425
F009425-BS1 MHg	434.039	80.0	127.5	222.59	222.59	88.4	2.982	CT	222.4696	0.00	0.01	F009425
F009425-BS1 HgI	17.740	129.4	156.2	222.58	222.54	138.5	0.126	OK	222.4696	0.00	0.01	F009425

#46: F009425-BSD1



	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	BiShift	Comment
Hg	289.451	48.3	80.0	222.48	222.57	56.1	2.588	CT	222.4736	0.02	0.02	F009425
MHg	448.657	80.1	127.5	222.57	222.59	88.8	3.167	CT	222.4736	0.02	0.02	F009425
Hg	8.049	132.5	152.0	222.57	222.54	140.4	0.066	OK	222.4736	0.02	0.02	F009425

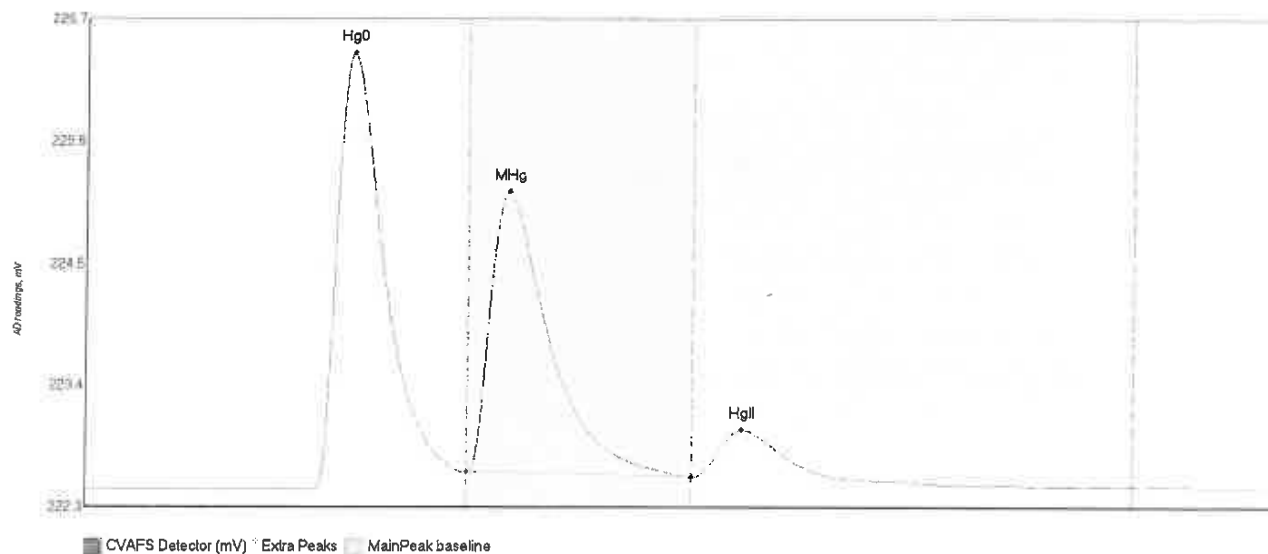
#47: F009426-BS1



CVAFS Detector (mV) * Extra Peaks MainPeak baseline

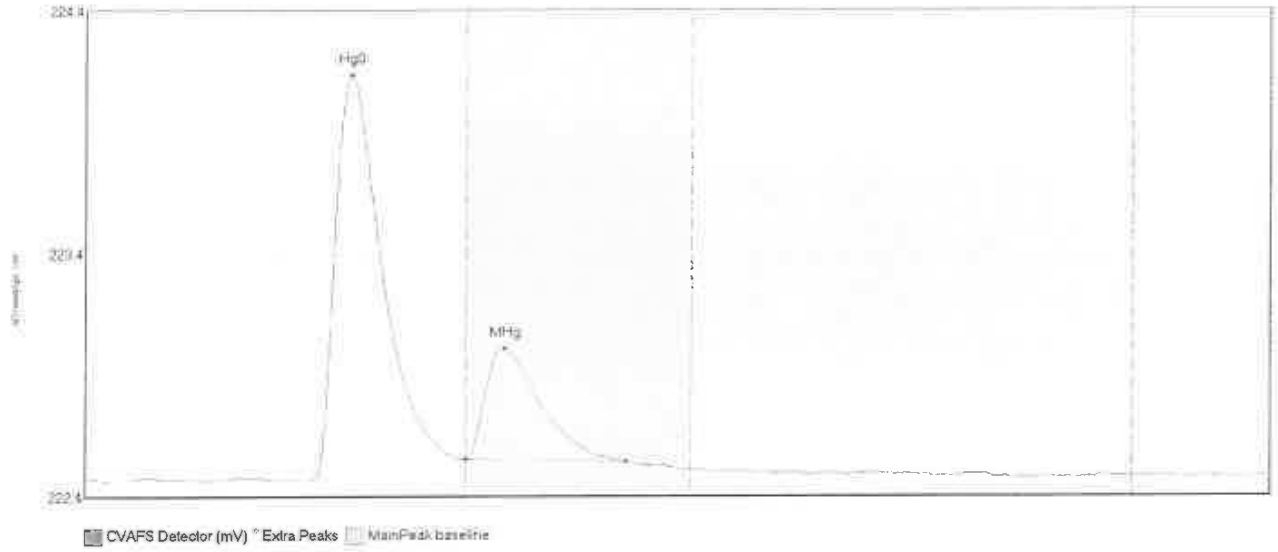
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Elim	BlSbit	Comment
F009426-BS1	Hg0	47.7	79.6	222.49	222.49	56.1	4.460	OK	222.488	0.20	0.03	F009426
F009426-BS1	MHg	80.0	127.5	222.66	222.66	88.4	2.835	CT	222.660	0.00	0.03	F009426
F009426-BS1	HgI	128.1	171.1	222.60	222.60	139.9	0.993	OK	222.600	0.00	0.03	F009426

#48: F009426-BSD1



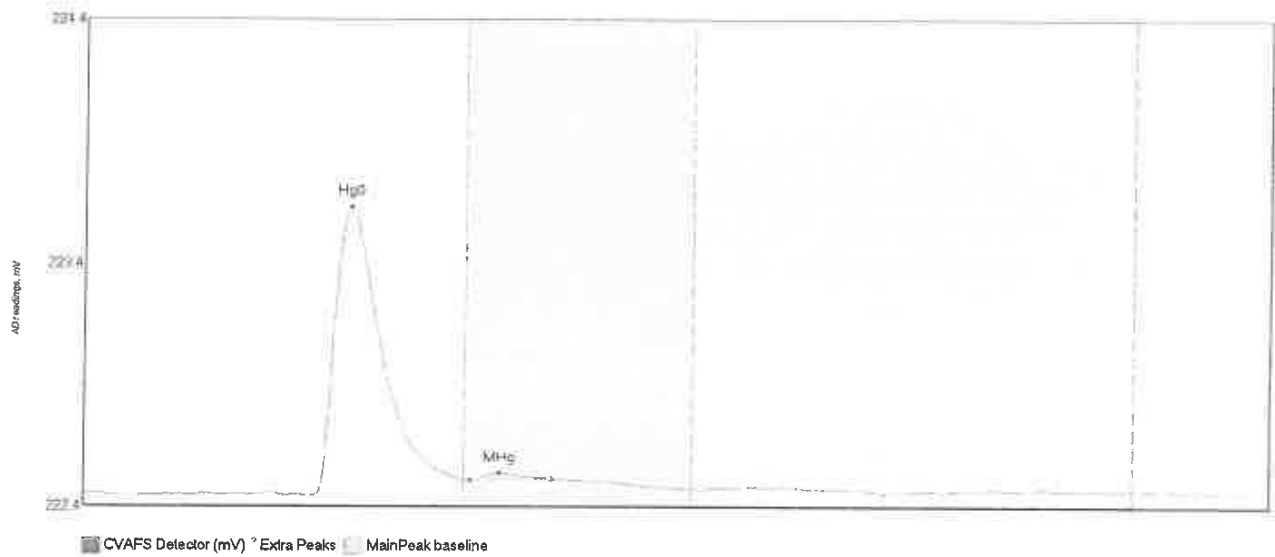
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	Shift	Comment
F009426-BSD1 Hg	432.978	46.5	79.9	222.49	222.65	56.0	3.860	OK	222.4949	0.00	0.02	F009426
F009426-BSD1 MHg	358.198	80.0	127.4	222.65	222.60	88.6	2.503	OK	222.4949	0.00	0.02	F009426
F009426-BSD1 Hg	60.610	127.5	158.9	222.60	222.59	137.8	0.428	OK	222.4949	0.00	0.02	F009426

#49: SEQ-CCV4



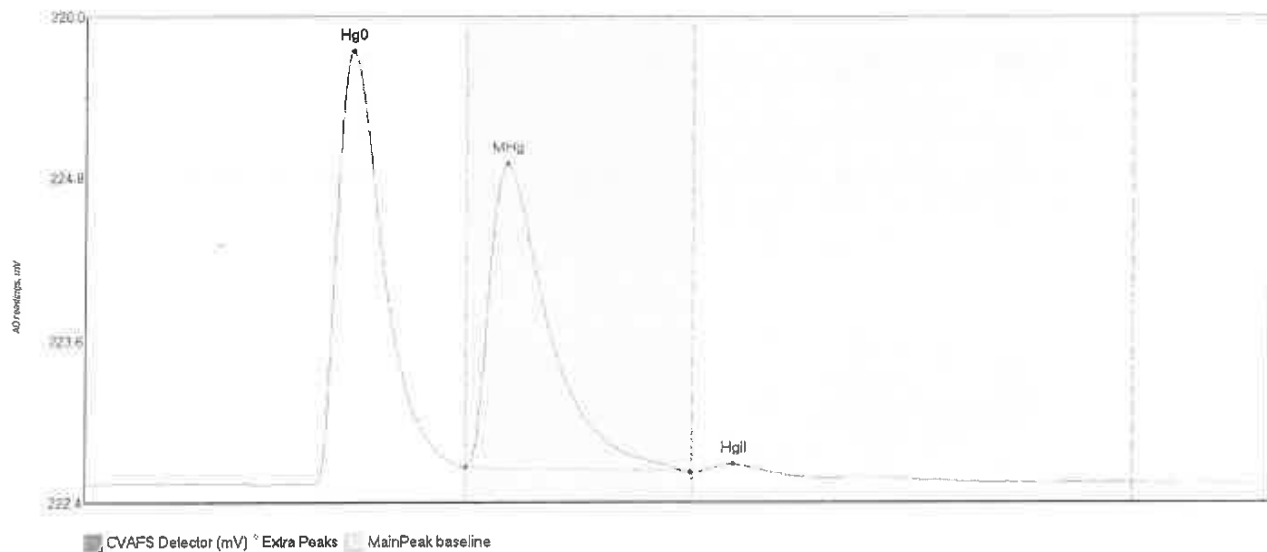
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV4 Hg0	185.946	47.6	79.7	222.49	222.58	56.0	1.661	OK	222.5011	0.00	0.01	
SEQ-CCV4 MHg	61.501	80.0	113.9	222.58	222.57	88.2	0.456	OK	222.5011	0.00	0.01	

#50: SEQ-CCB4



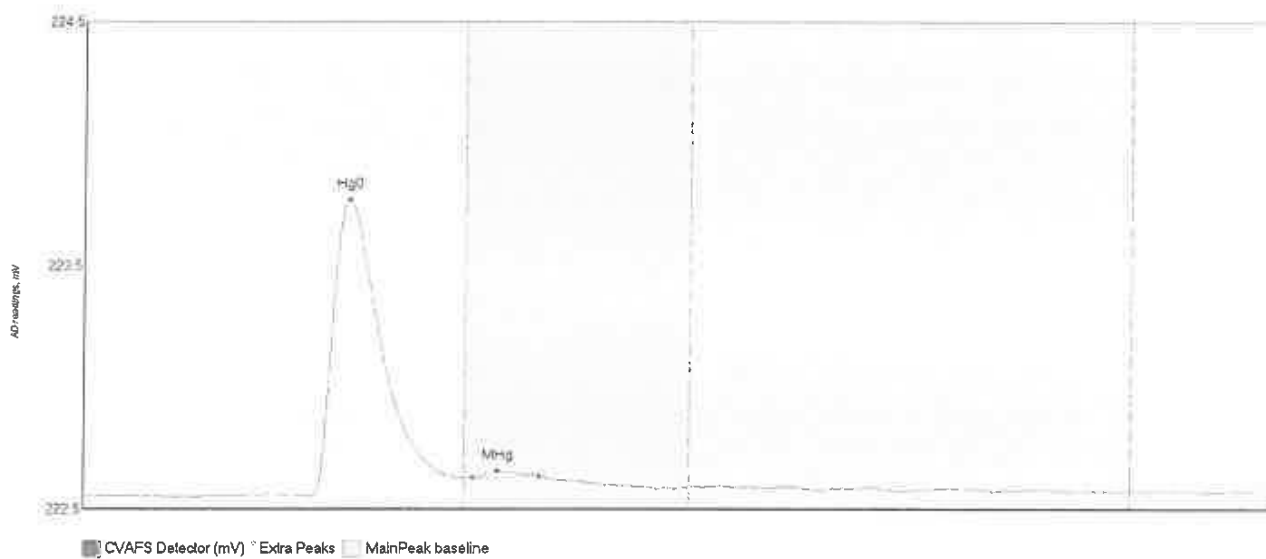
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDDev	BiShift	Comment
SEQ-CCB4 Hg0	130.652	47.3	80.0	222.50	222.56	55.7	1.181	CT	222.5052	0.00	0.00	
SEQ-CCB4 MHg	2.253	81.3	98.2	222.56	222.56	87.4	0.028	OK	222.5052	0.00	0.00	

#51: F009428-BSD1



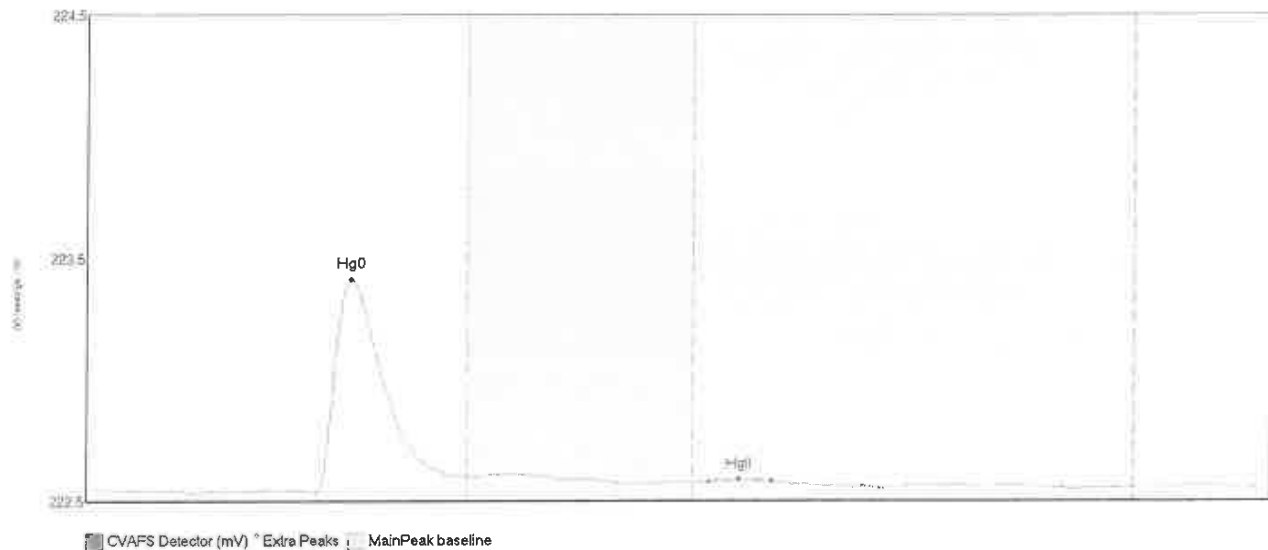
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009428-BSD1 Hg	354.591	37.5	79.9	222.49	222.62	56.2	3.215	OK	222.4950	0.00	0.01	F009428
F009428-BSD1 MH	322.076	80.0	127.1	222.62	222.59	88.5	2.250	OK	222.4950	0.00	0.01	F009428
F009428-BSD1 Hg	7.294	120.1	149.1	222.59	222.56	136.2	0.057	OK	222.4950	0.00	0.01	F009428

#52: F009424-BLK1



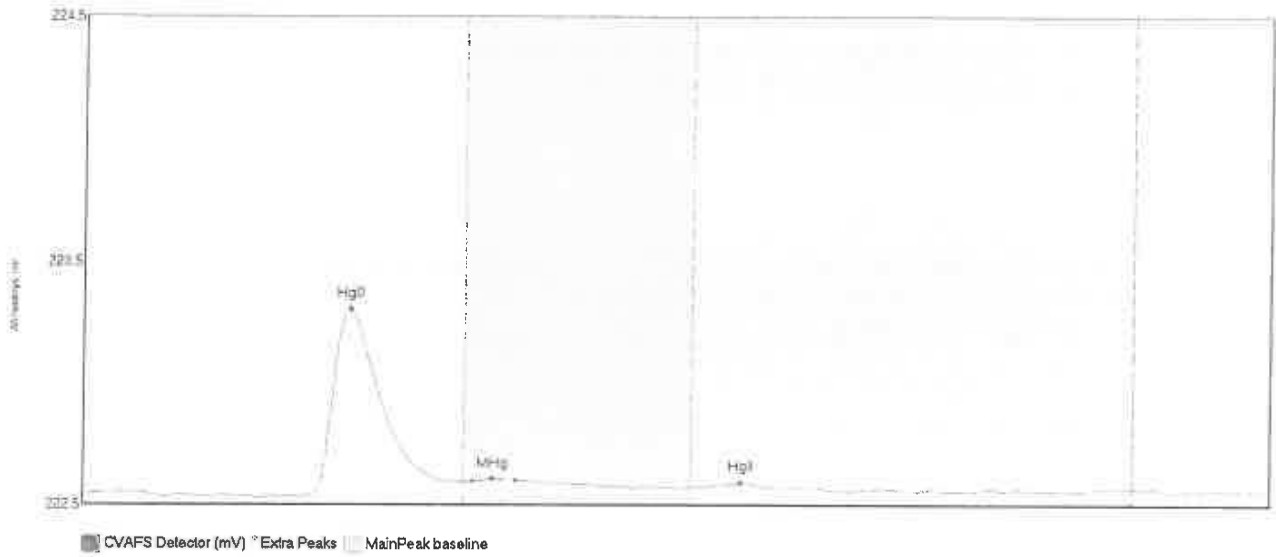
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009424-BLK1 Hg	135.589	48.0	80.0	222.50	222.58	55.8	1.217	CT	222.5098	0.00	0.01	F009424
F009424-BLK1 MH	2.146	81.8	95.7	222.58	222.58	87.0	0.027	OK	222.5098	0.00	0.01	F009424

#53: F009424-BLK2



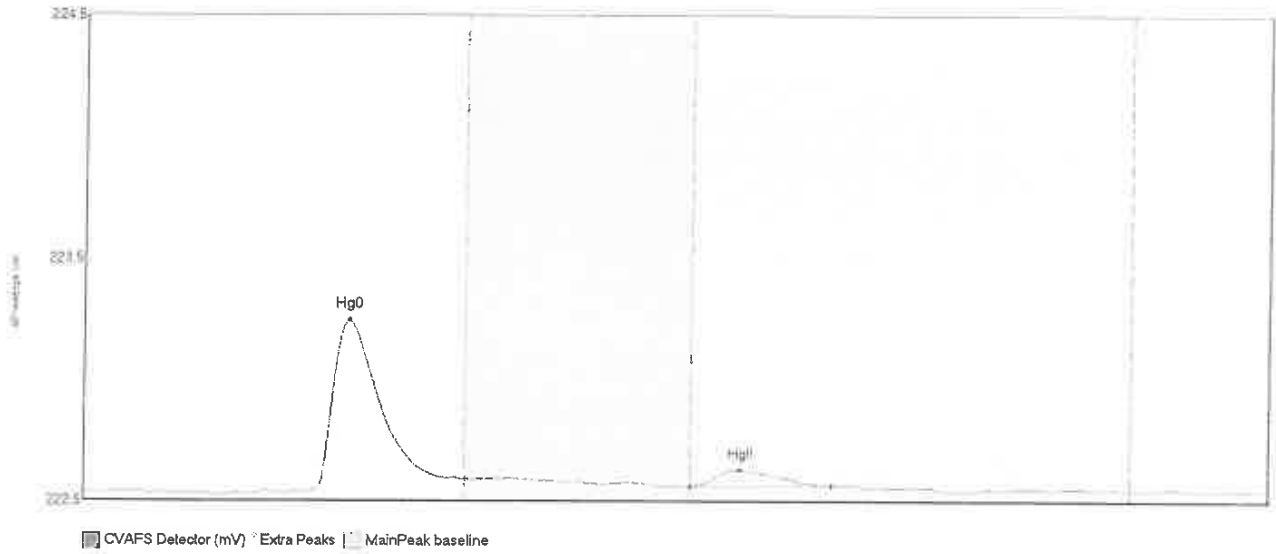
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Height	Comment
F009424-BLK2 Hg	98.190	48.0	80.0	222.51	222.58	55.6	0.830	CT	222.5208	0.00	0.21	F009424
F009424-BLK2 Hg	0.902	130.9	143.9	222.55	222.55	137.0	0.011	OK	222.5208	0.00	0.22	F009424

#54: F009424-BLK3



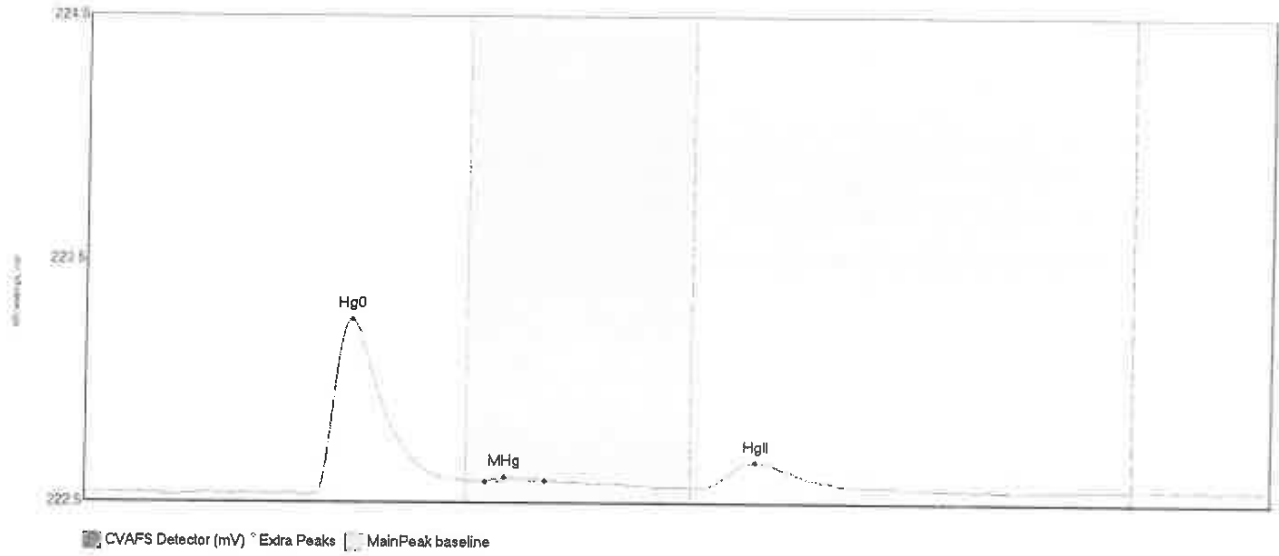
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-BLK3 Hg	83.296	47.7	80.0	222.53	222.58	55.8	0.756	CT	222.5331	0.00	0.01	F009424
F009424-BLK3 MH	0.570	82.0	91.0	222.58	222.58	85.9	0.013	OK	222.5331	0.00	0.01	F009424
F009424-BLK3 Hg	0.934	130.5	141.9	222.56	222.56	137.8	0.016	OK	222.5331	0.00	0.01	F009424

#55: F009424-BLK4



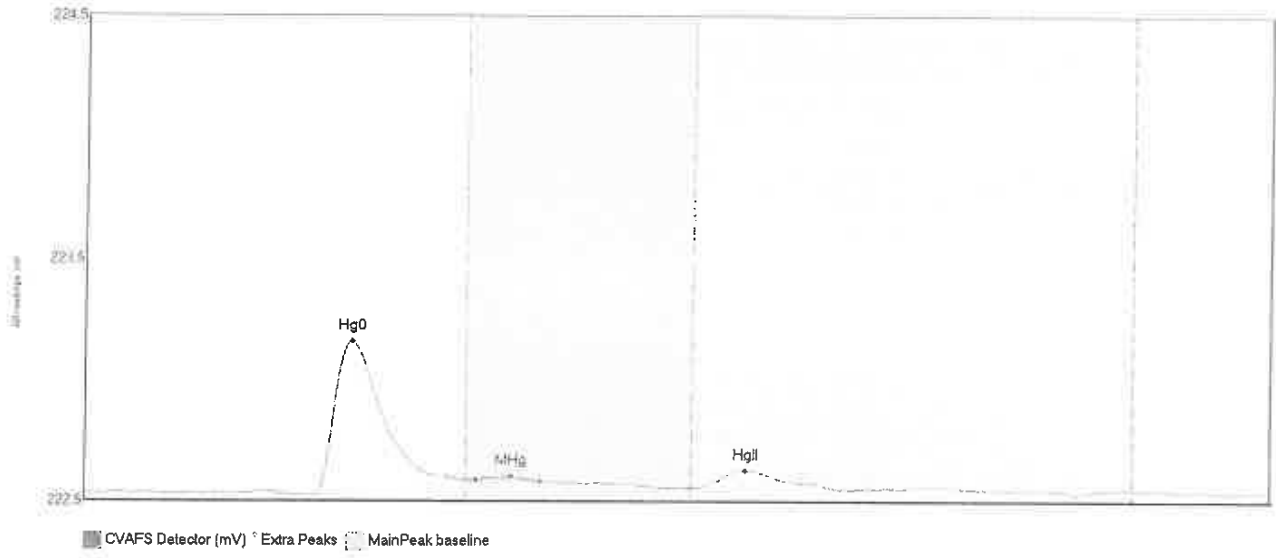
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-BLK4	Hg 76.609	47.2	79.2	222.55	222.60	55.7	0.705	OK	222.5466	0.00	0.00	F009424
F009424-BLK4	Hg 9.963	127.5	157.2	222.57	222.57	138.0	0.070	OK	222.5466	0.00	0.00	F009424

#56: F009424-BLK5



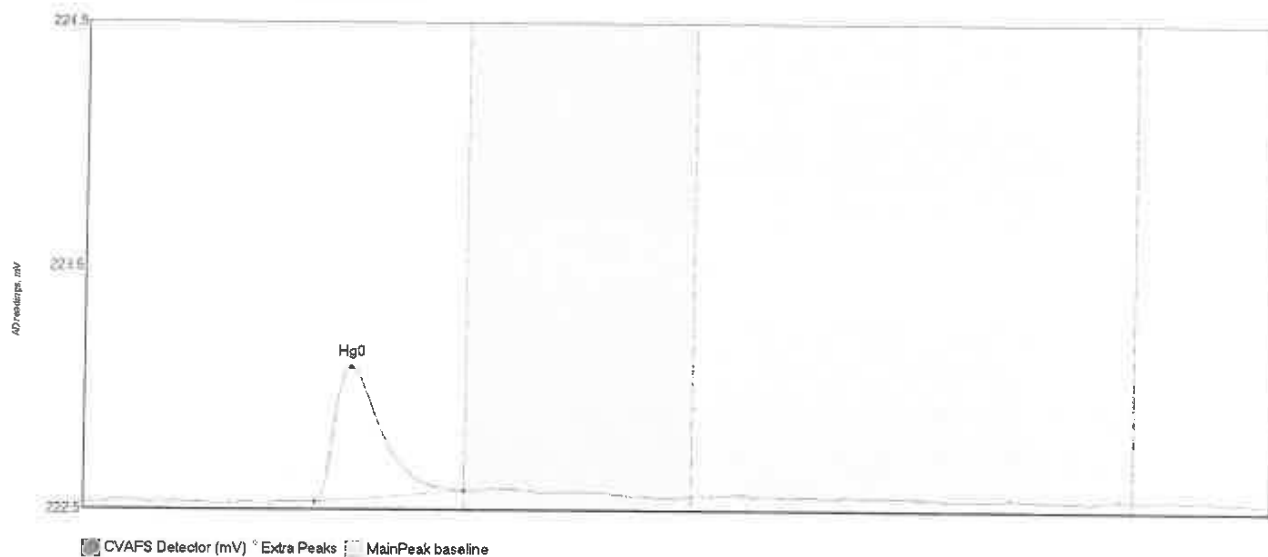
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-BLK5 Hg	80.118	48.4	80.0	222.55	222.61	55.9	0.718	CT	222.5503	0.00	0.02	F009424
F009424-BLK5 MH	1.179	84.2	96.5	222.61	222.61	88.1	0.017	OK	222.5503	0.00	0.02	F009424
F009424-BLK5 Hg	15.640	130.2	161.0	222.58	222.59	141.1	0.105	OK	222.5503	0.00	0.02	F009424

#57: F009424-BLK6

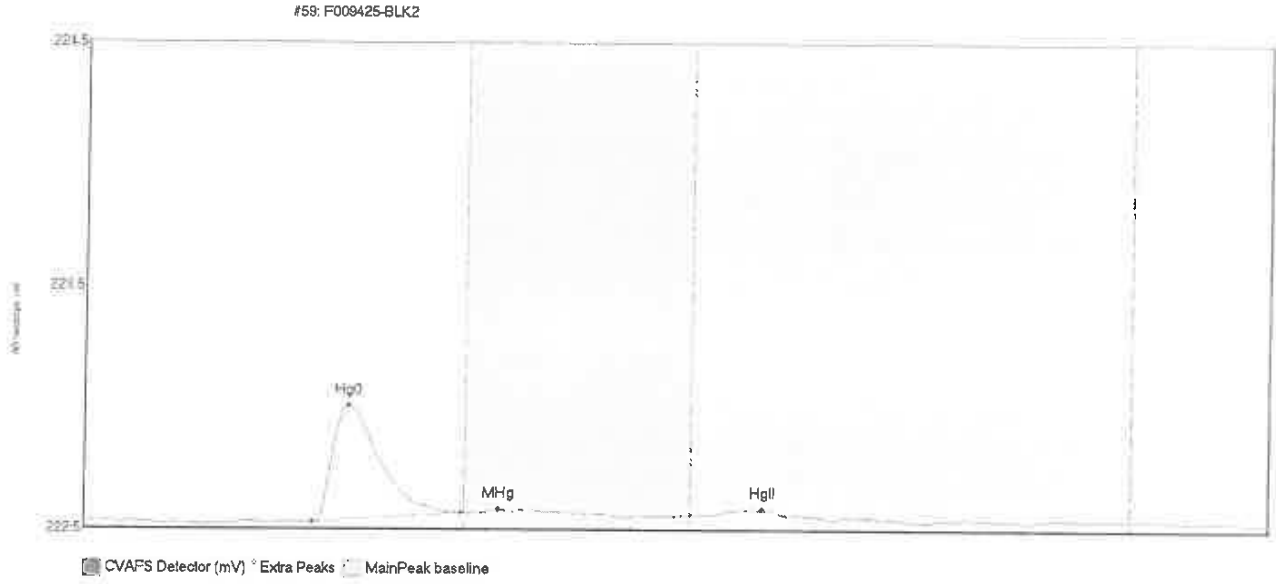


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	Comment
F009424-BLK6 Hg	69.430	46.9	79.9	222.56	222.62	55.8	0.636	OK	222.5636	0.00	F009424
F009424-BLK6 MHg	1.298	82.2	96.0	222.62	222.61	89.7	0.013	OK	222.5636	0.00	F009424
F009424-BLK6 Hg	10.675	129.8	158.3	222.59	222.58	133.6	0.071	OK	222.5636	0.00	F009424

#58: F009424-BLK7

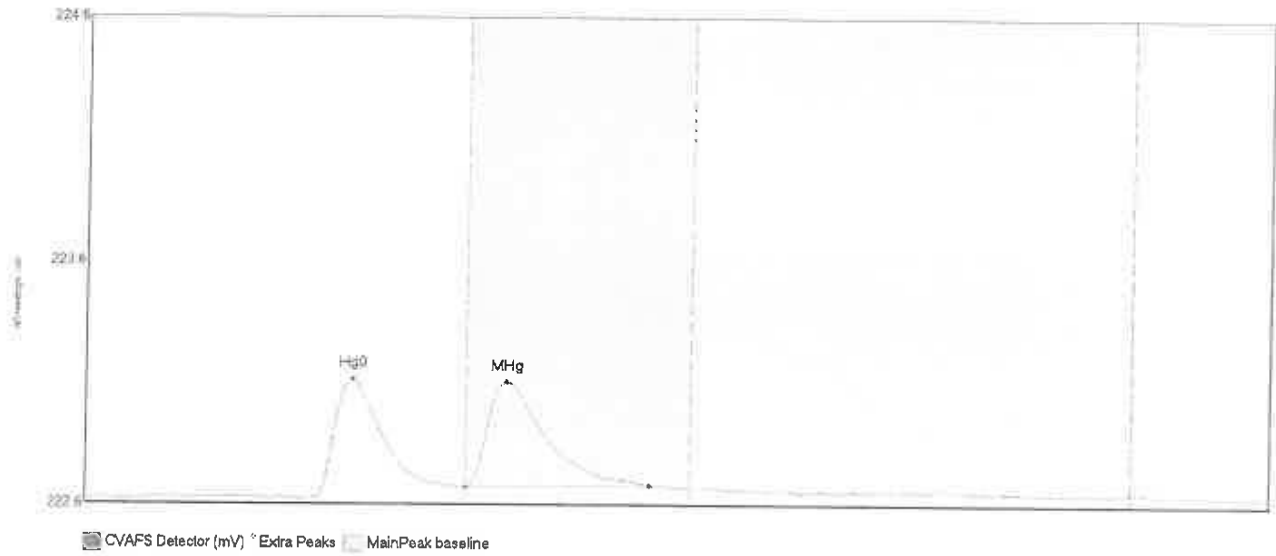


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009424-BLK7	62.070	48.5	79.9	222.56	222.61	55.8	0.556	OK	222.5634	0.00	0.00	F009424



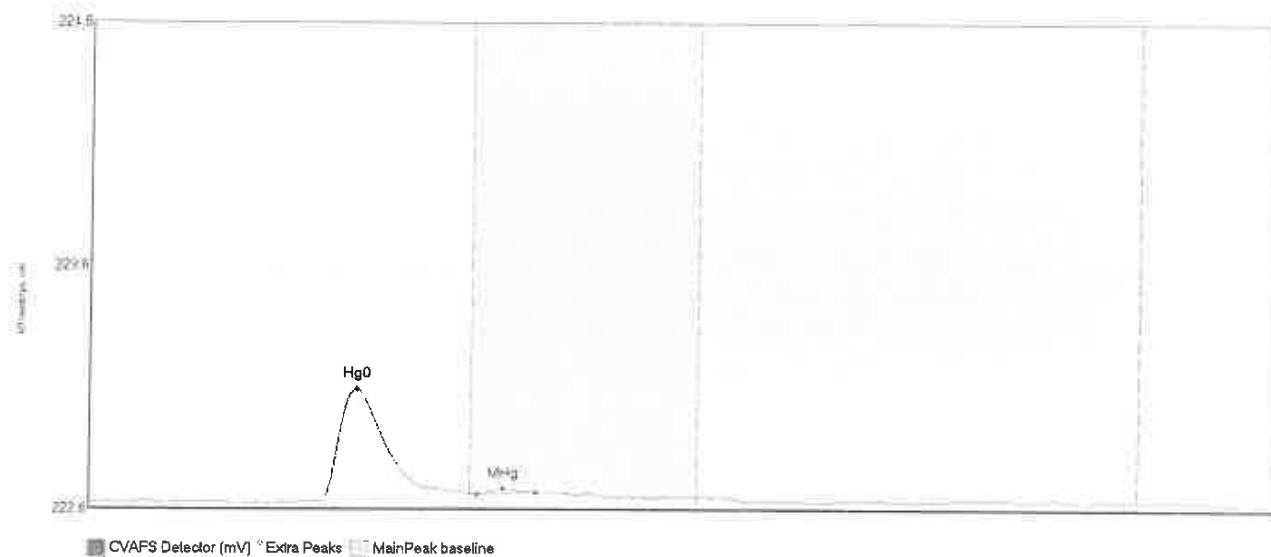
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009425-BLK2 Hg	53.338	48.2	79.2	222.58	222.62	55.7	0.479	OK	222.5868	0.00	-0.01	F009425
F009425-BLK2 MHg	1.993	82.1	101.4	222.62	222.62	87.0	0.019	OK	222.5868	0.00	-0.01	F009425
F009425-BLK2 Hg	2.493	132.3	148.4	222.61	222.61	142.5	0.026	OK	222.5868	0.00	-0.01	F009425

#80: SEQ-CCV5



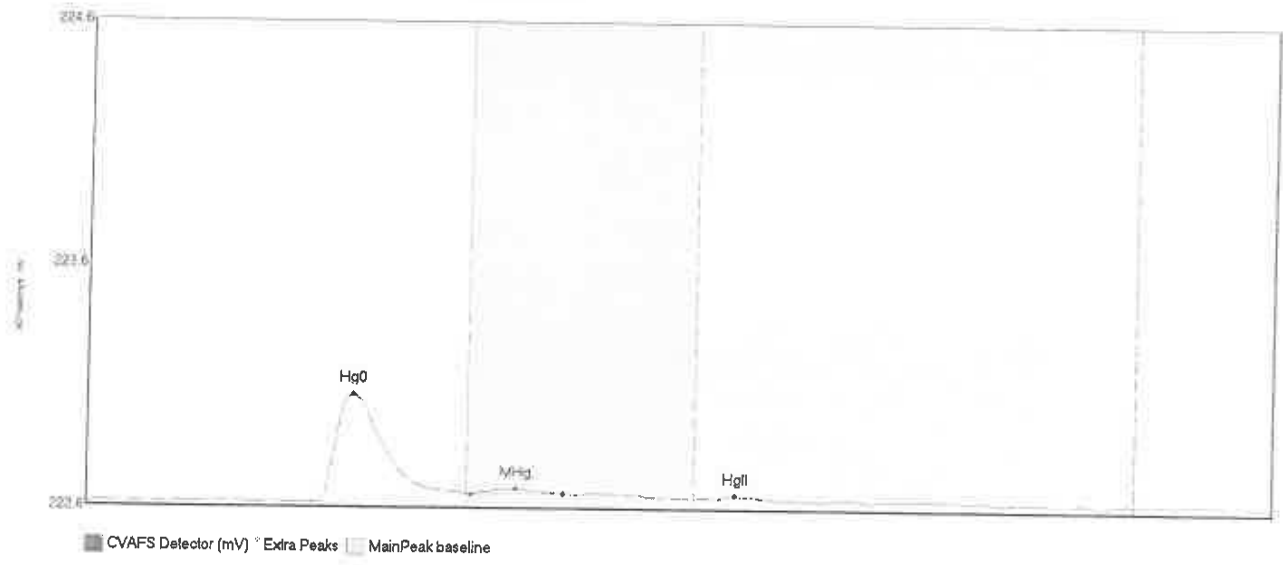
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Integration	BlDev	BlShift	Comment
SEQ-CCV5 Hg0	53.325	48.5	79.6	222.58	222.62	56.3	0.487	OK	222.510	0.00	0.01	
SEQ-CCV5 MHg	60.346	80.0	118.8	222.62	222.63	88.5	0.135	OK	222.510	0.00	0.01	

#81: SEQ-CCB5



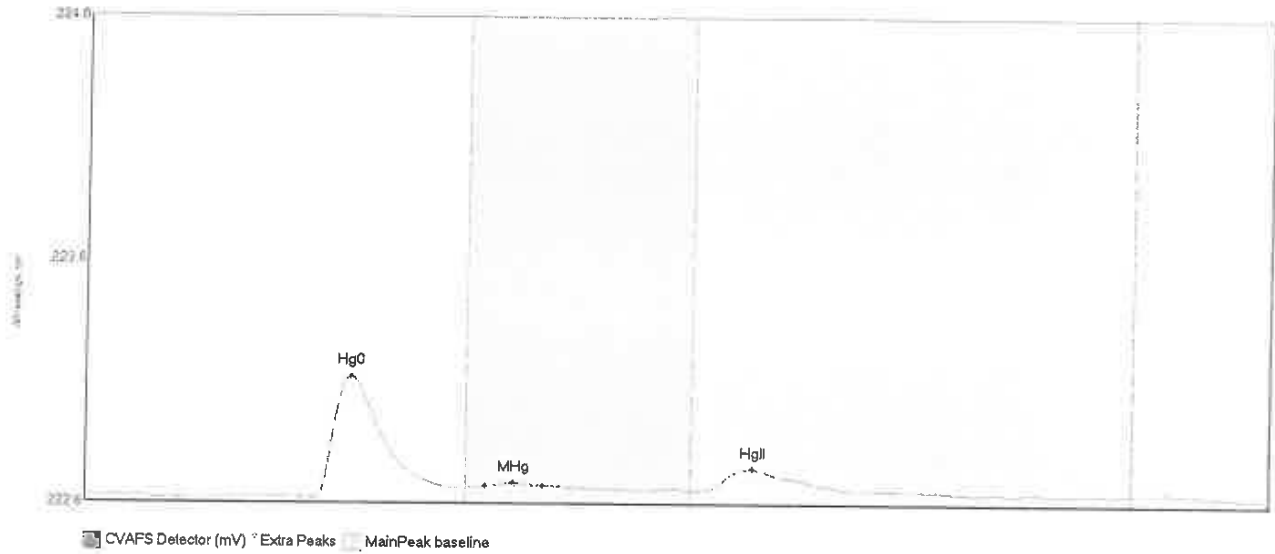
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCB5 Hg0	49.427	48.1	80.0	222.60	222.63	55.8	0.460	CT	222.5918	0.00	0.00	
SEQ-CCB5 MHg	1.118	81.4	93.9	222.63	222.63	87.0	0.021	OK	222.5918	0.00	0.00	

#62: F009425-BLK3

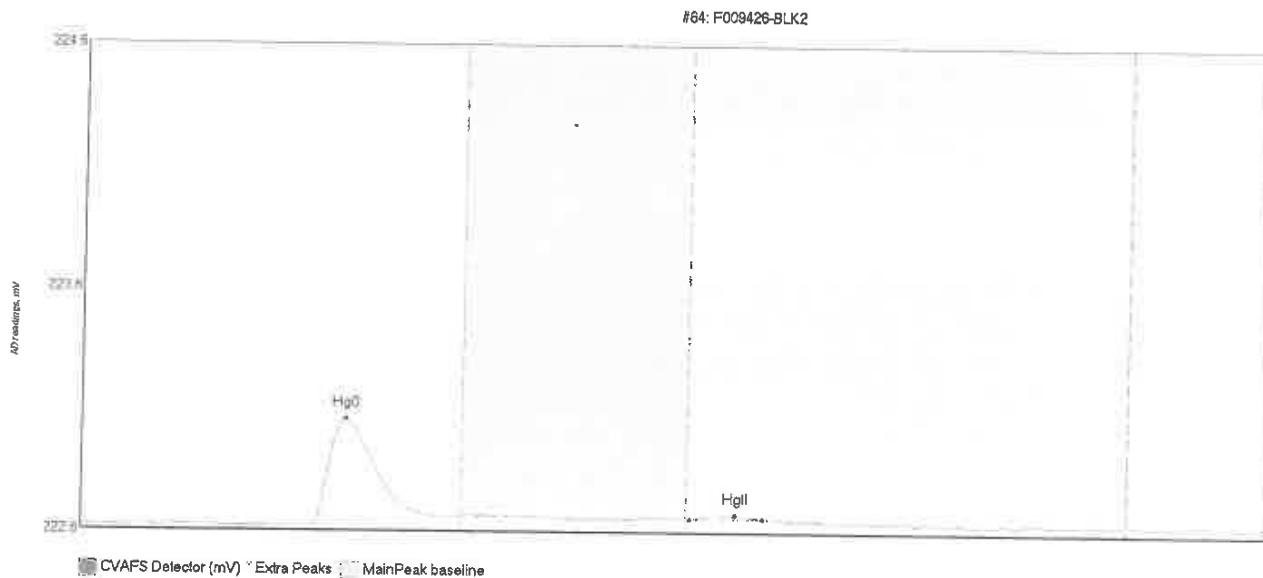


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009425-BLK3 Hg	49.269	48.2	80.0	222.59	222.63	55.7	0.446	CT	222.5869	0.00	0.00	F009425
F009425-BLK3 MH	2.331	80.8	99.9	222.62	222.63	90.2	0.025	OK	222.5869	0.00	0.00	F009425
F009425-BLK3 Hg	0.709	132.6	142.4	222.62	222.62	136.1	0.011	OK	222.5869	0.00	0.00	F009425

#63: F009426-BLK1

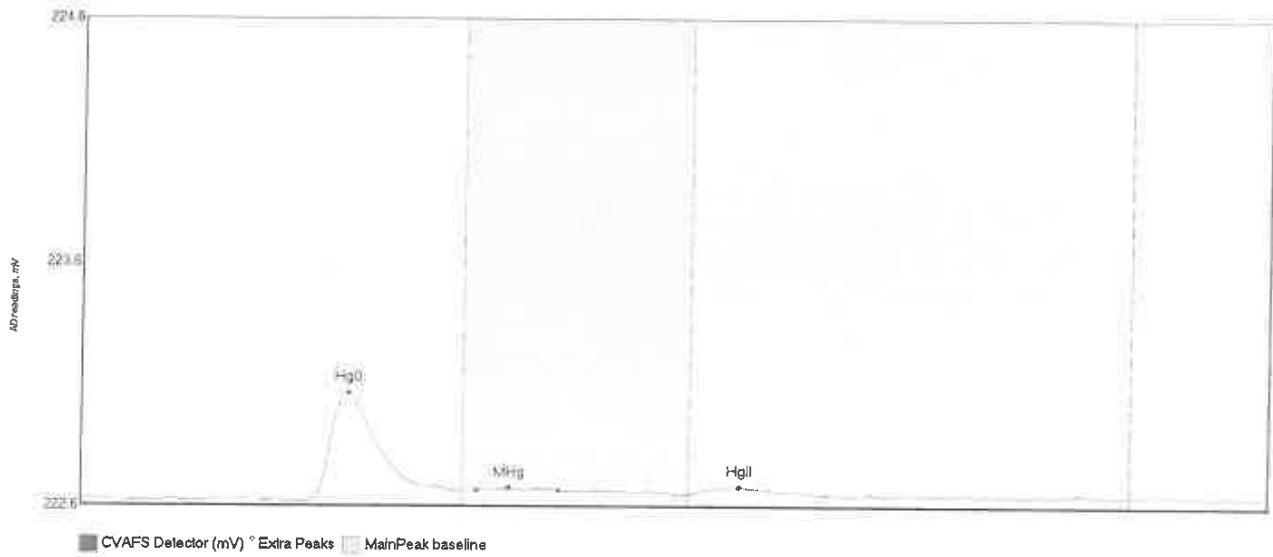


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BLK1 Hg	54.830	48.3	78.7	222.59	222.64	55.9	0.502	OK	222.6003	0.00	0.00	F009426
F009426-BLK1 MHg	0.926	84.2	96.1	222.64	222.64	90.0	0.014	OK	222.6003	0.00	0.00	F009426
F009426-BLK1 Hg	12.151	131.0	158.8	222.63	222.63	140.2	0.087	OK	222.6003	0.00	0.00	F009426



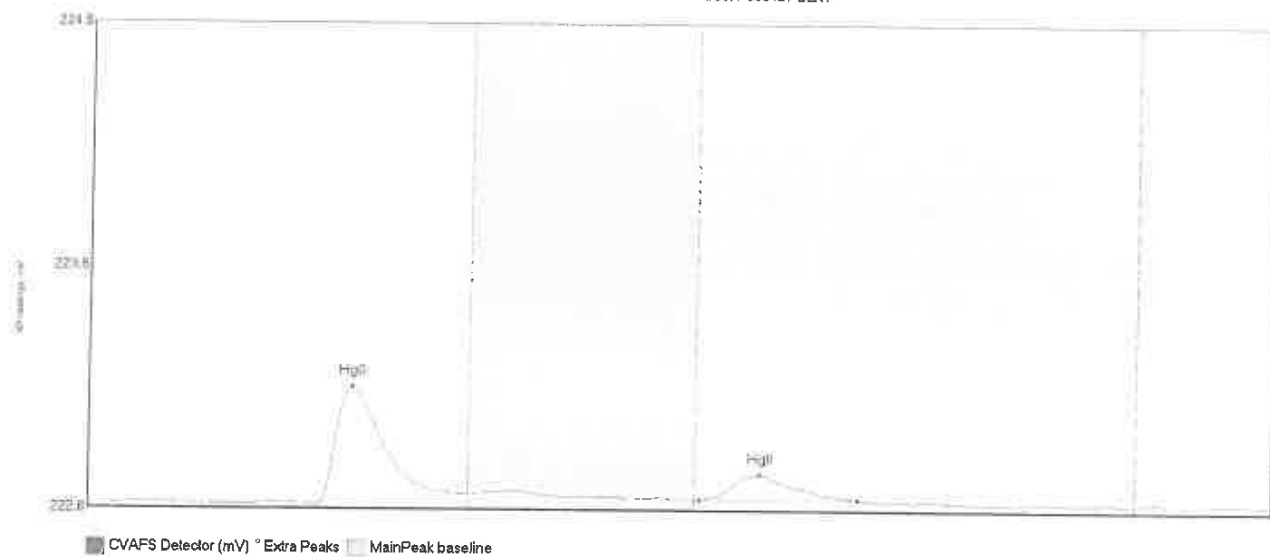
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	HiShift	Comment
F009426-BLK2	Hg 45.582	48.0	75.7	222.61	222.64	55.5	0.433	OK	222.6055	0.00	0.00	F009426
F009426-BLK2	Hg 1.235	128.2	143.3	222.64	222.65	137.5	0.017	OK	222.6055	0.00	0.00	F009426

#65: F009426-BLK3

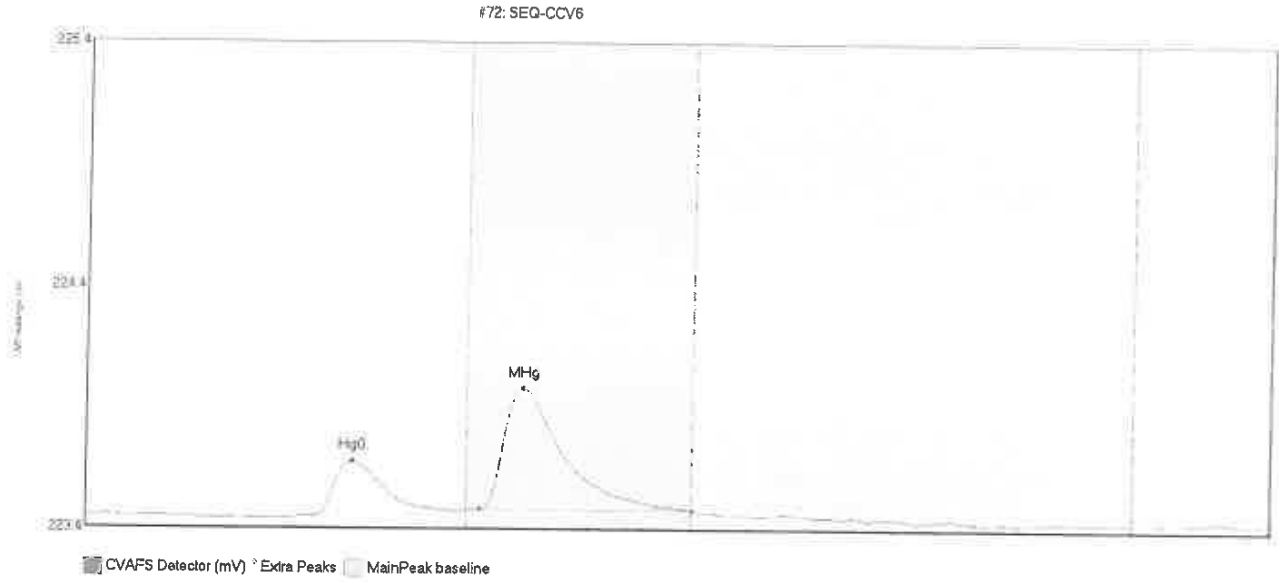


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-BLK3 Hg	48.906	46.4	79.8	222.61	222.65	55.9	0.444	OK	222.6199	0.00	0.01	F009426
F009426-BLK3 MH	1.107	83.1	100.2	222.65	222.65	89.8	0.013	OK	222.6199	0.00	0.01	F009426
F009426-BLK3 Hg	2.468	129.2	149.2	222.65	222.65	137.9	0.024	OK	222.6199	0.00	0.01	F009426

#66: F009427-BLK1



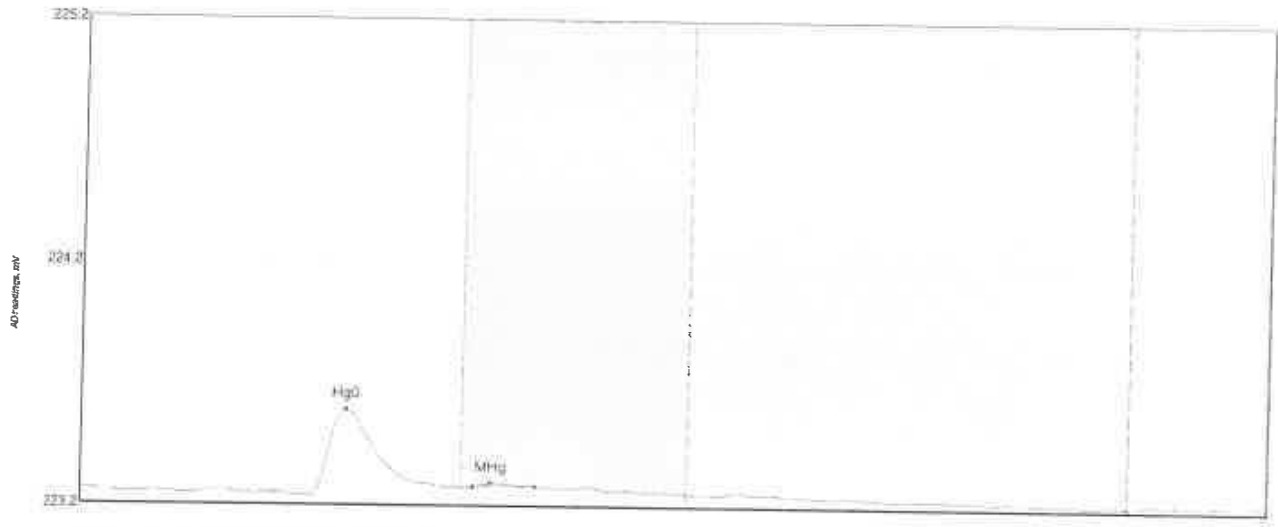
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BiShift	Comment
F009427-BLK1 Hg	52.718	48.2	78.7	222.62	222.67	55.6	0.485	OK	222.6300	0.00	0.00	F009427
F009427-BLK1 Hg	15.317	128.4	161.8	222.65	222.65	141.0	0.106	OK	222.6300	0.00	0.00	F009127



line 67-71 skipped due to computer crash,
no data recorded - ZCH 10/5/2020

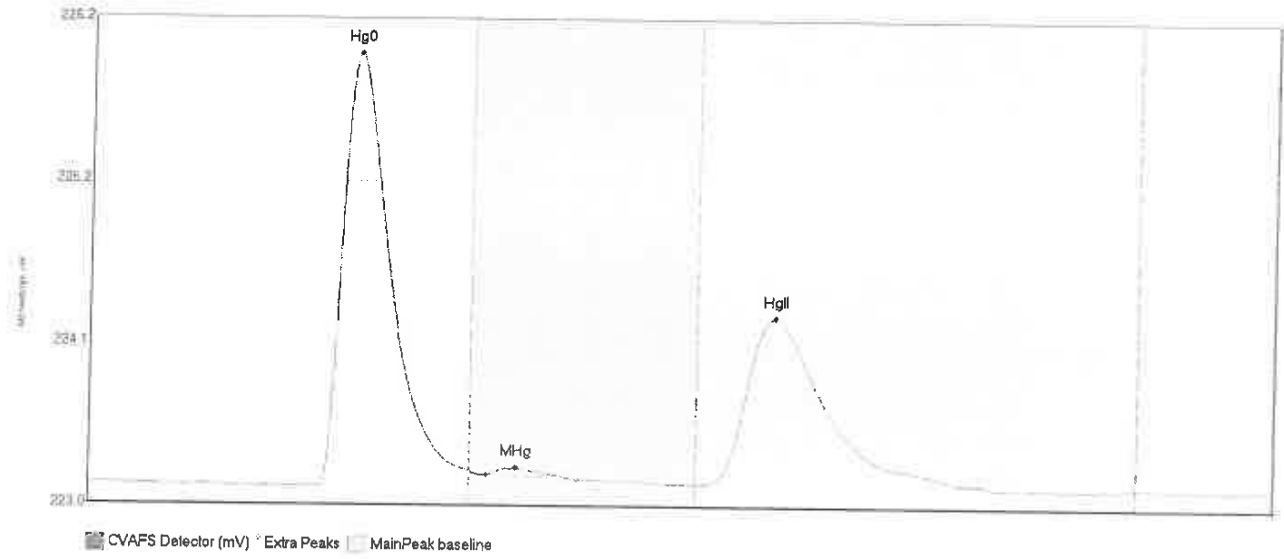
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCV6 Hg0	24.736	47.7	78.4	223.41	223.43	56.2	0.226	OK	223.4081	0.00	-0.03	
SEQ-CCV6 MHg	71.967	82.9	127.5	223.44	223.43	91.7	0.503	CT	223.4081	0.00	-0.03	

#73: SEQ-CCB6



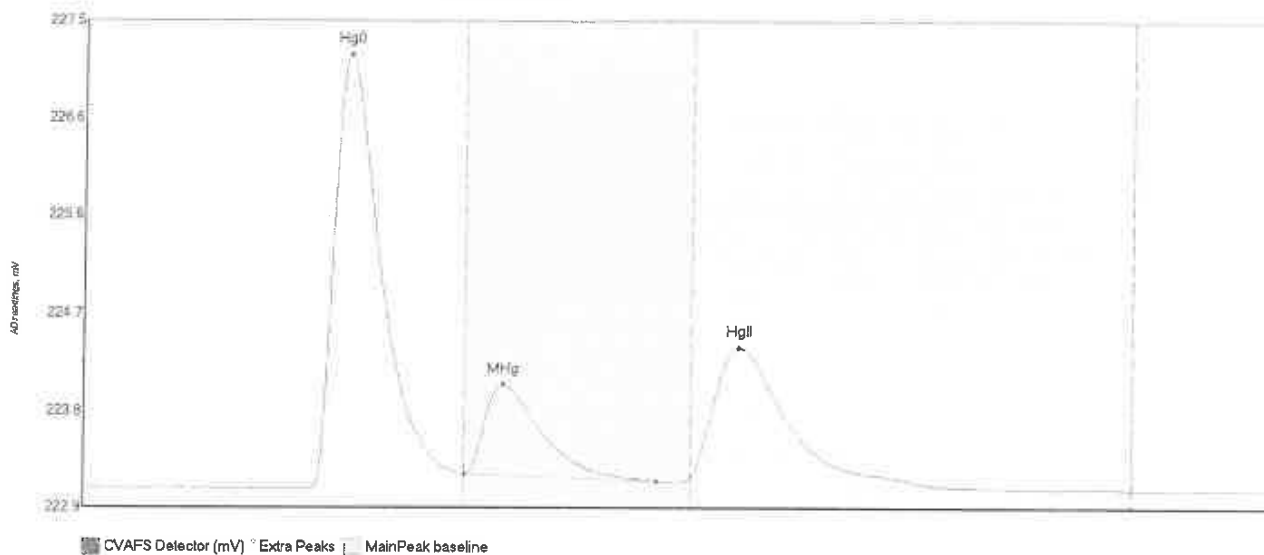
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StdDev	BlShift
SEQ-CCB6 Hg0	37.820	48.4	80.0	223.24	223.28	55.6	0.349	CT	223.2680	0.00	-0.04
SEQ-CCB6 MHg	1.141	82.5	95.3	223.28	223.28	86.2	0.017	OK	223.2680	0.00	-0.04

#74: 000078-18



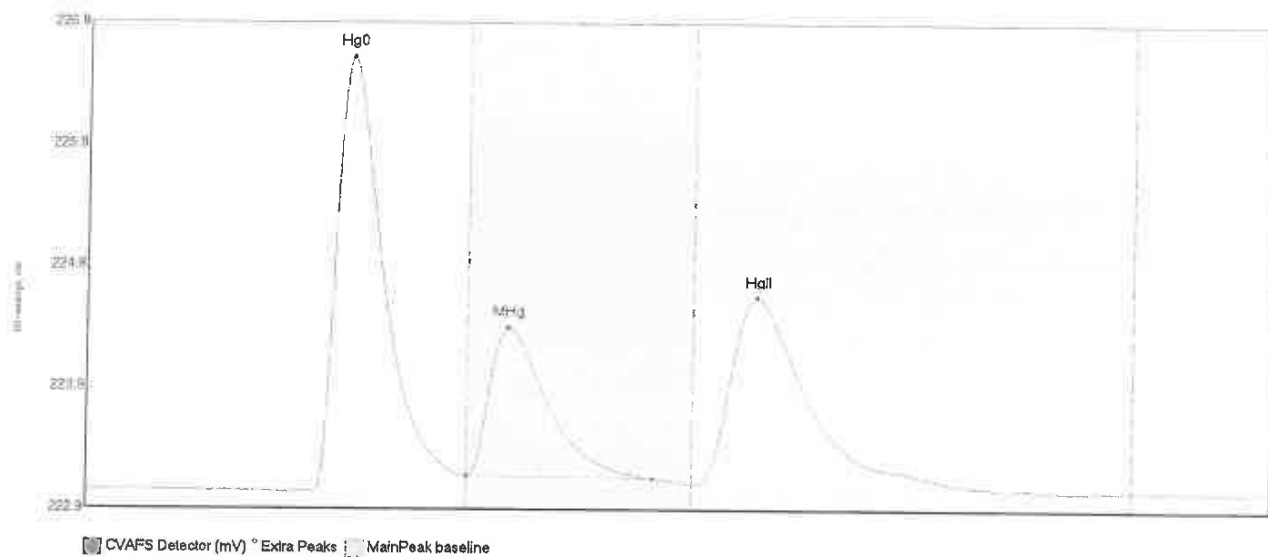
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
000078-18 Hg0	317.879	47.2	80.0	223.14	223.25	56.0	2.360	CT	223.1602	0.00	-0.02	F009428
000078-18 MHg	5.543	83.5	102.4	223.23	223.20	89.6	0.044	OK	223.1602	0.00	-0.02	F009428
000078-18 HgII	203.952	129.2	185.1	223.17	223.17	143.7	1.104	OK	223.1602	0.00	-0.02	F009428

#75: F009424-MS1

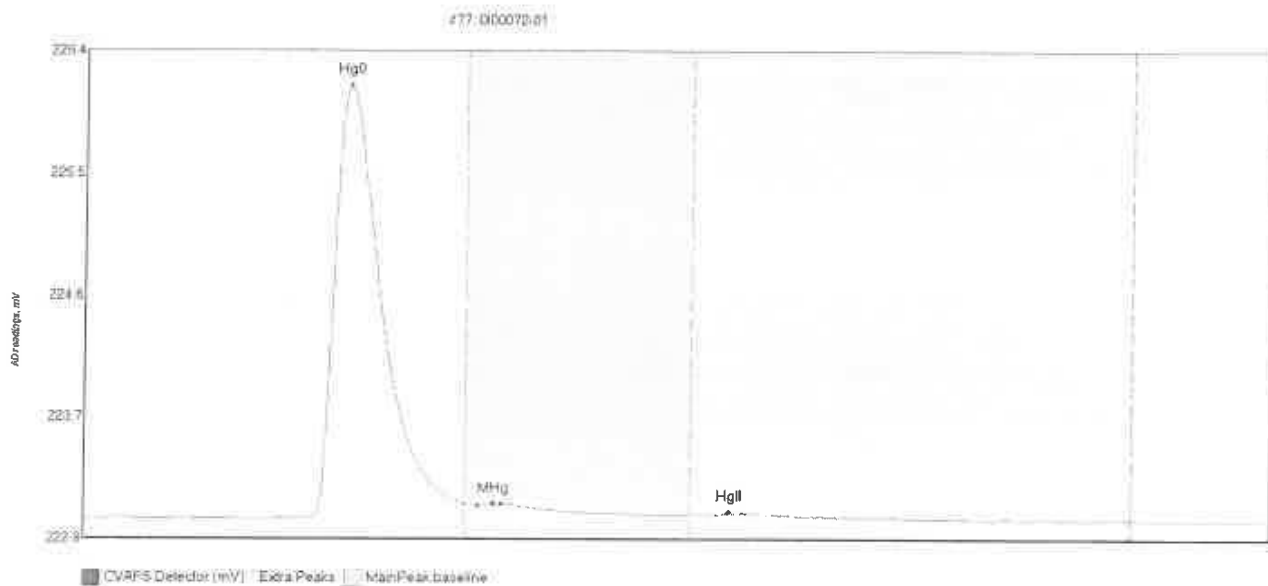


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-MS1 Hg0	454.100	47.7	79.9	223.08	223.22	55.8	4.073	OK	223.0840	0.00	0.00	F009424
F009424-MS1 MHg	117.594	80.1	120.2	223.22	223.15	88.1	0.848	OK	223.0840	0.00	0.00	F009424
F009424-MS1 HgI	191.025	127.5	166.2	223.20	223.21	137.4	1.223	OK	223.0840	0.00	0.00	F009424

#78: F009424-MSD1

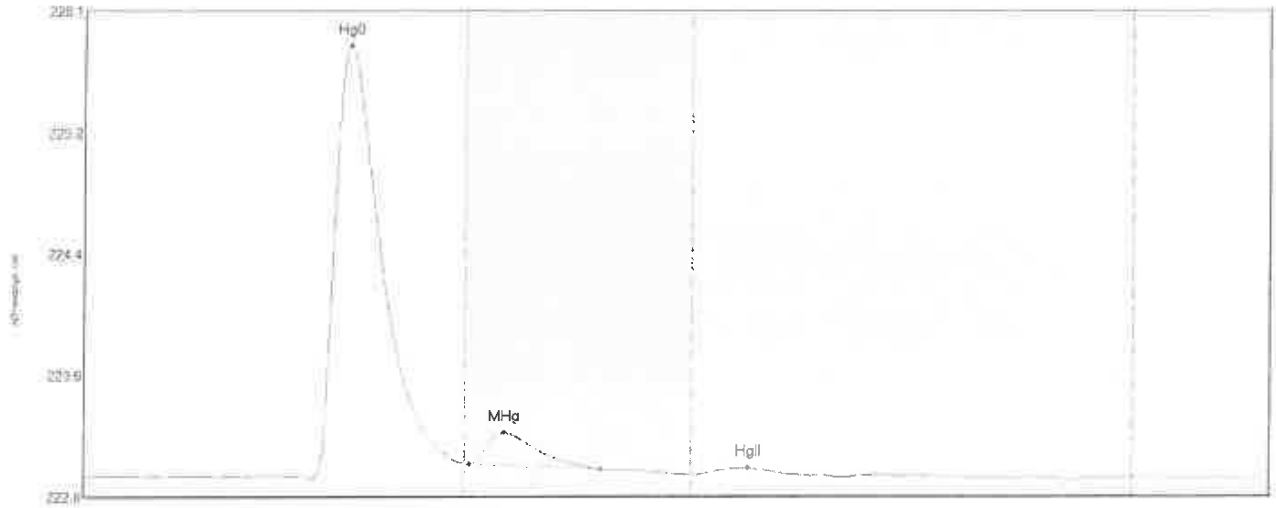


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009424-MSD1 Hg	387.266	47.7	80.0	223.02	223.14	55.6	3.504	CT	223.0255	0.00	0.00	F009424
F009421-MSD1 MH	166.734	80.1	119.2	223.14	223.12	66.6	1.194	OK	223.0255	0.00	0.00	F009424
F009424-MSD1 Hg	274.064	127.7	185.6	223.08	223.06	140.8	1.502	OK	223.0255	0.00	0.00	F009424



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Baseline	StDev	Baseline	StDev
0100072-01 Hg0	346.326	45.5	80.0	222.97	223.07	55.6	3.153	CT	222.9604	0.00	-0.01	0.00	-0.01	0.00
0100072-01 MHg	0.268	82.7	87.7	223.05	223.07	86.0	0.017	OK	222.9604	0.00	-0.01	0.00	-0.01	0.00
0100072-01 HgII	2.180	130.7	149.6	222.99	222.98	135.4	0.019	OK	222.9604	0.00	-0.01	0.00	-0.01	0.00

#78: F008424-MS2

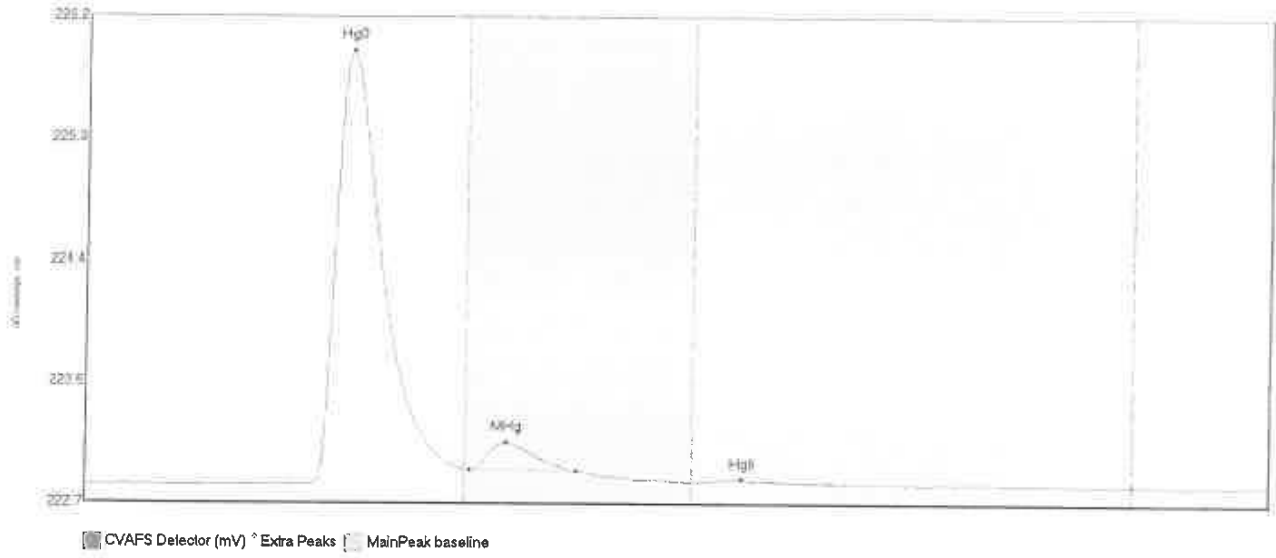


CVAFS Detector (mV) * Extra Peaks | MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Bibev	BShift
F008424-MS2 Hg0	325.047	48.0	80.0	222.89	223.00	55.9	2.929	CT	222.9037	0.00	-0.02
F008424-MS2 MHg	26.932	81.0	108.5	222.99	222.95	88.3	0.213	OK	222.9037	0.00	-0.02
F008424-MS2 HgI	5.639	127.9	149.8	222.91	222.92	139.2	0.047	OK	222.9037	0.00	-0.02

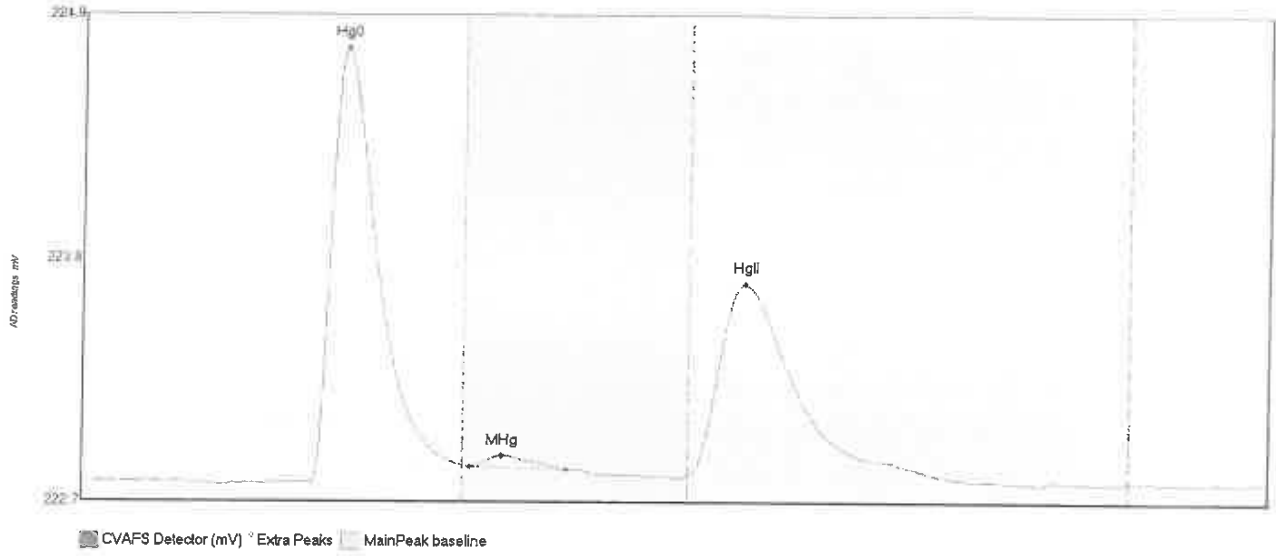
CONNECT
F008424
F008424
F008424

#79: F009424-MSD2



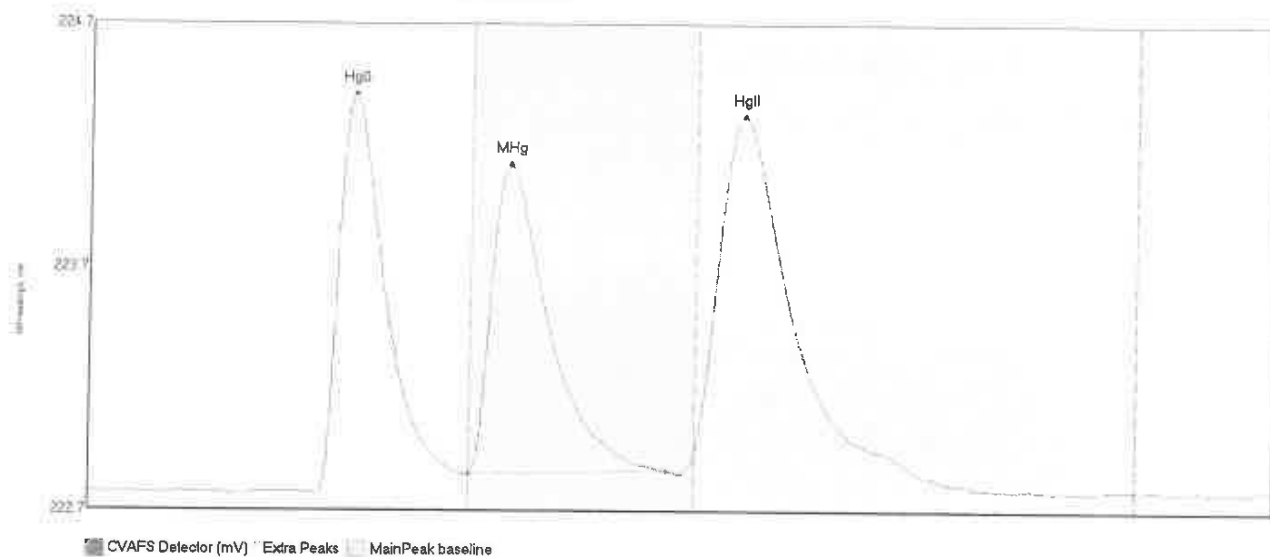
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009424-MSD2 Hg	337.561	43.5	60.0	222.84	222.95	55.8	3.080	CT	222.8364	0.00	0.00	F009424
F009424-MSD2 MH	21.435	81.0	103.2	222.94	222.94	88.6	0.198	OK	222.8364	0.00	0.00	F009424
F009424-MSD2 Hg	0.753	131.0	140.0	222.86	222.87	137.9	0.016	OK	222.8364	0.00	0.00	F009424

#80: 0100073-36



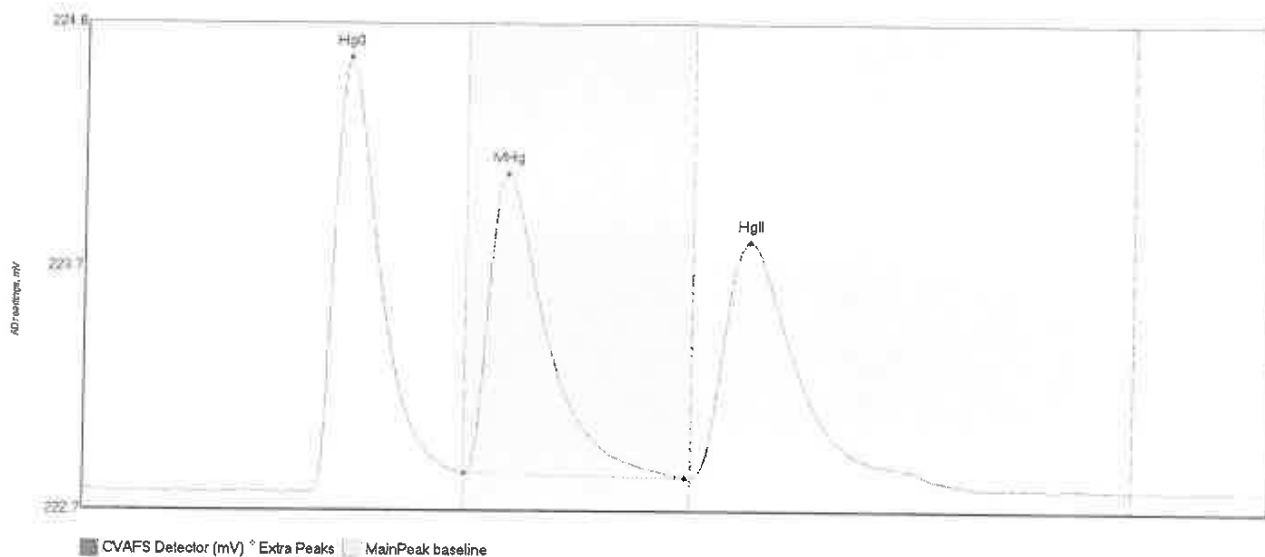
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-36 Hg0	111.718	48.2	80.0	222.75	222.87	55.4	1.931	CT	222.7971	0.00	0.00	F009424
0100073-36 MHg	3.918	81.4	101.8	222.86	222.85	88.0	0.049	OK	222.7971	0.00	0.00	F009424
0100073-36 HgII	156.328	127.5	148.2	222.83	222.83	139.2	0.856	OK	222.7971	0.00	0.00	F009424

#81: F009425-MS1



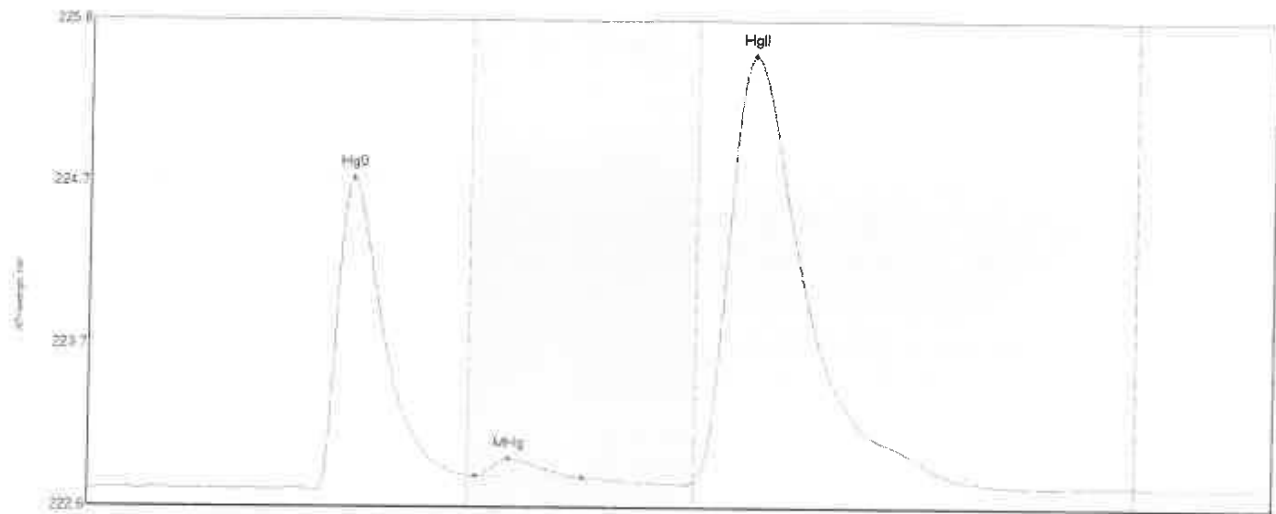
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	WCorr	BShift	Comment
Hg0 178.850	48.0	79.3	222.77	222.84	55.5	1.640	OK	222.7709	0.00	0.01	F009425
MHg 175.856	80.0	121.6	222.94	222.86	88.1	1.273	OK	222.7709	0.00	0.01	F009425
HgI 211.430	127.5	166.9	222.94	222.93	137.1	1.377	OK	222.7709	0.00	0.01	F009425

#82: F008425-MSD1



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
F008425-MSD1 Hg	205.886	48.0	79.9	222.74	222.83	55.3	1.901	OK	222.7539	7.96	6.34	F008425
F008425-MSD1 MH	184.442	80.1	126.3	222.83	222.81	88.7	1.313	OK	222.7539	0.96	6.44	F008425
F008425-MSD1 Hg	179.083	127.5	179.1	222.81	222.80	139.3	1.036	OK	222.7539	0.98	6.46	F008425

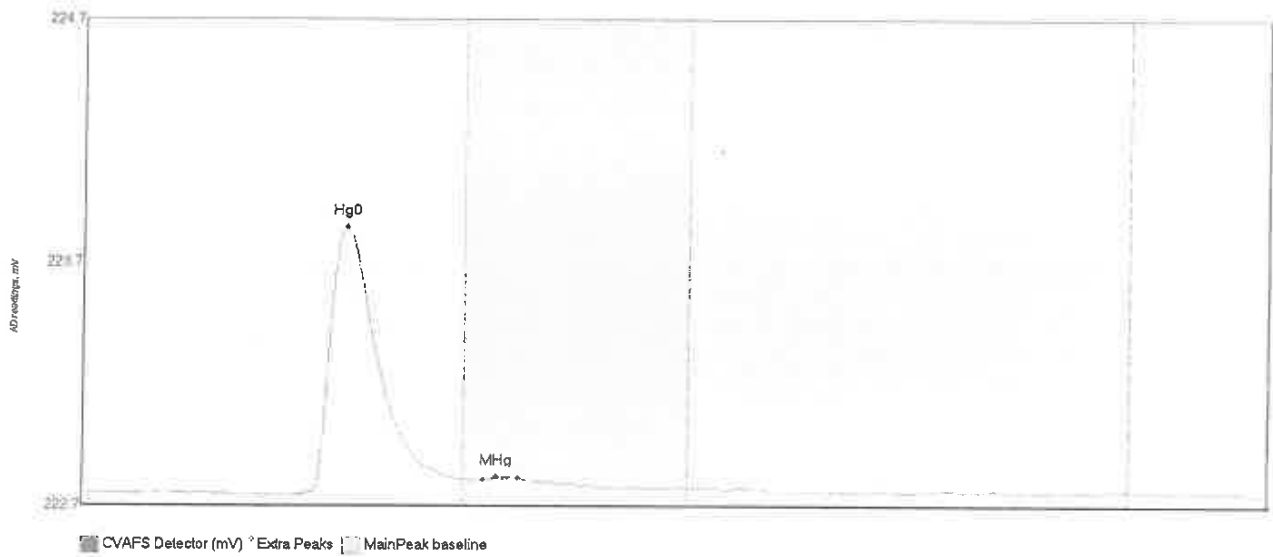
#83: 01000473-25



CVAFS Detector (mV) Extra Peaks MainPeak baseline

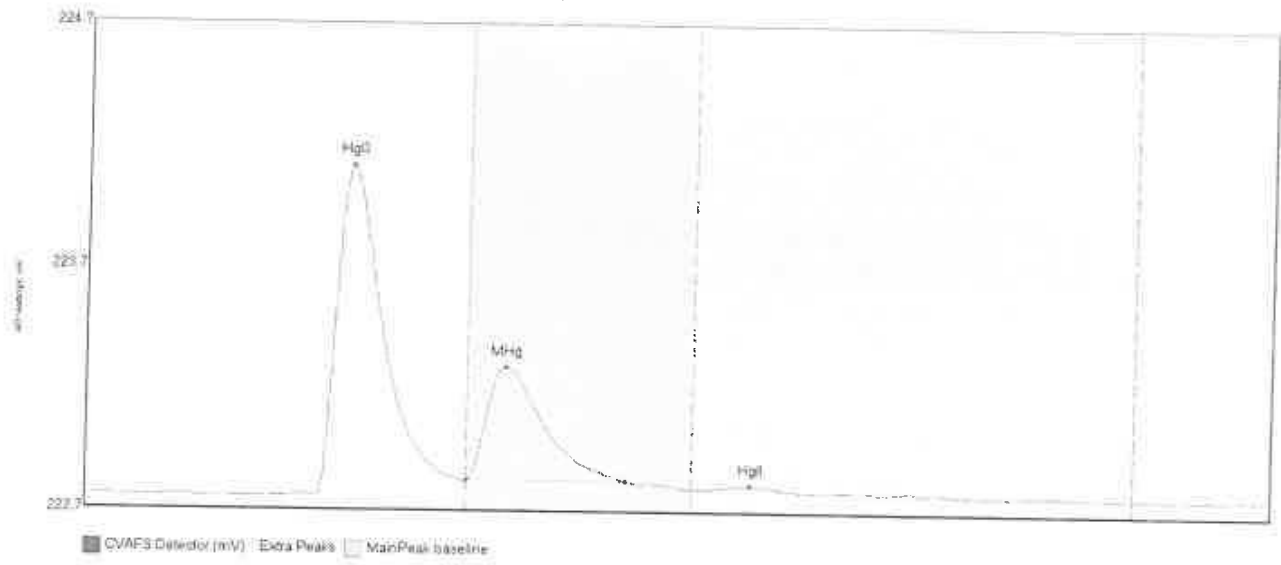
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
01000473-25 Hg0	220.159	48.1	80.0	222.72	222.82	55.5	2.025	CT	222.7222	0.00	0.03	F009425
01000473-25 MHg	12.325	81.7	103.8	222.81	222.80	88.5	0.112	OK	222.7222	0.00	0.03	F009425
01000473-25 HgI	511.557	127.5	166.8	222.78	222.77	139.5	2.777	OK	222.7222	0.00	0.03	F009425

#85: SEQ-CCB7



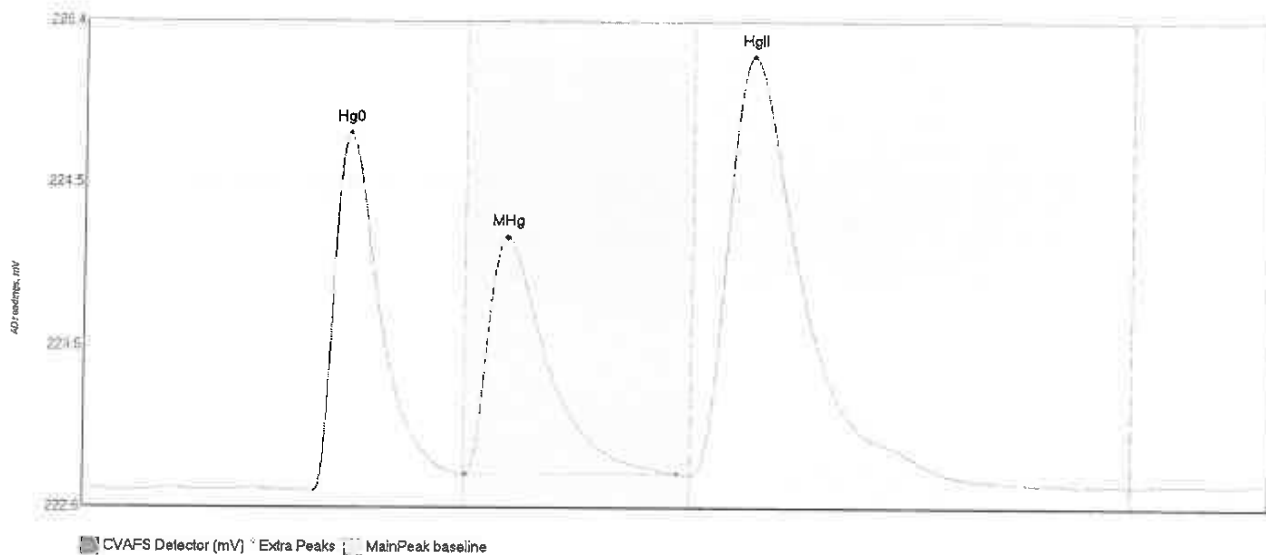
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCB7 Hg0	119.139	48.5	79.7	222.71	222.77	55.4	1.091	OK	222.7116	0.00	-0.01	
SEQ-CCB7 MHg	0.388	84.3	91.5	222.77	222.77	87.0	0.012	OK	222.7116	0.00	-0.01	

#84: SEQ-CCV7



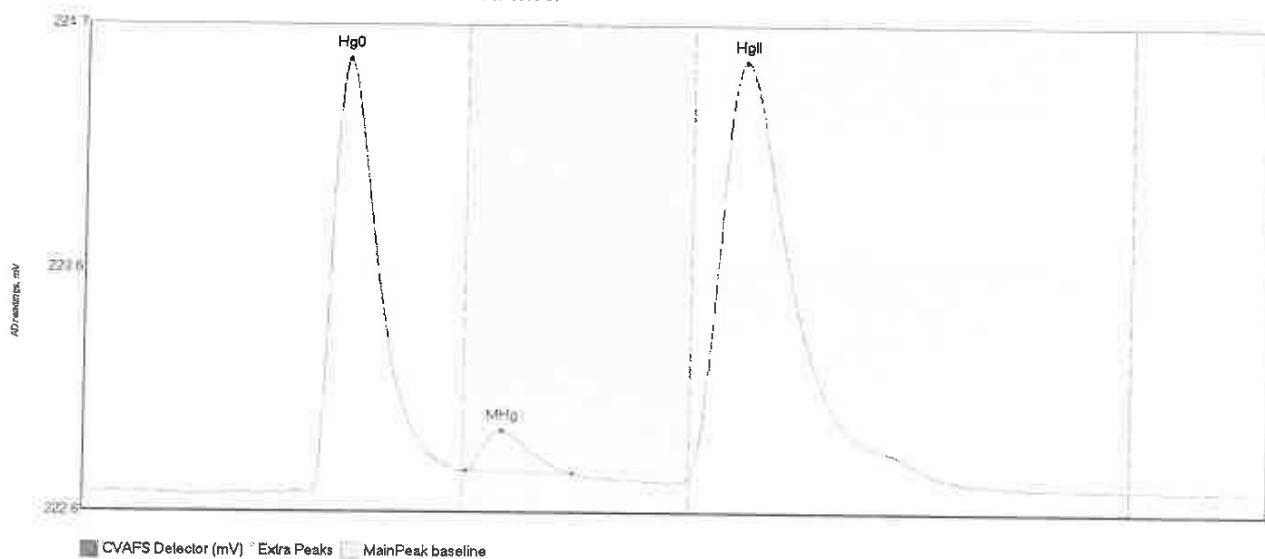
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
SEQ-CCV7 Hg0	145.947	47.1	79.3	222.72	222.78	55.5	1.345	OK	222.7136	0.01	
SEQ-CCV7 MHg	63.899	80.0	113.5	222.78	222.78	88.1	0.465	OK	222.7136	0.01	
SEQ-CCV7 HqI1	1.805	131.0	146.7	222.75	222.75	139.6	0.017	OK	222.7136	0.01	

#87: F009425-MSD2



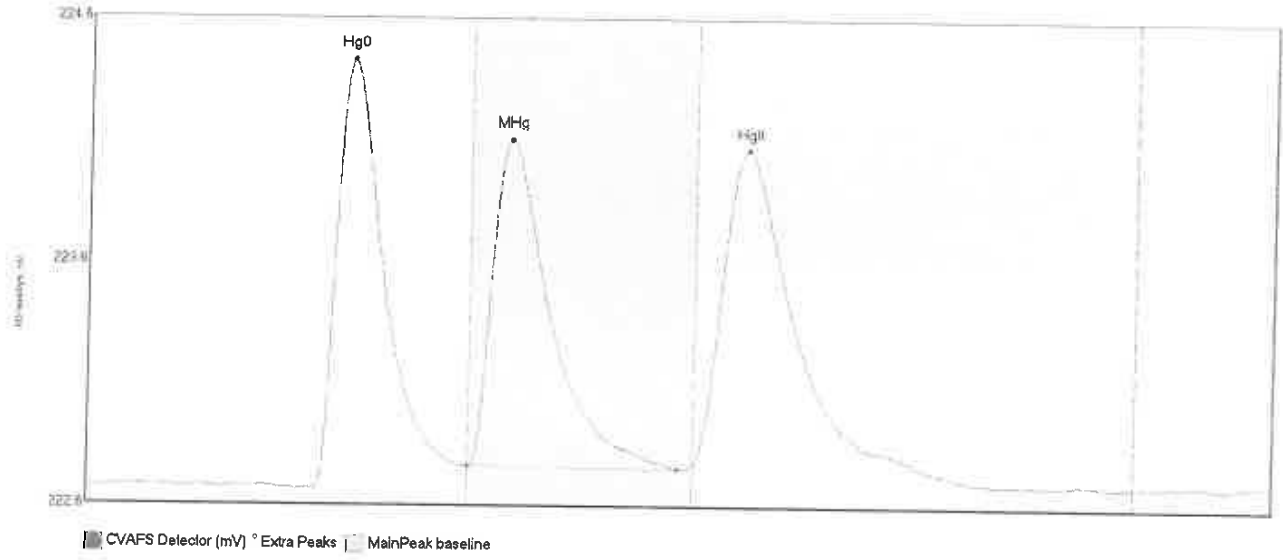
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009425-MSD2 Hg	226.882	47.7	80.0	222.69	222.78	55.4	2.078	CI	222.6922	0.00	0.03	F009425
F009425-MSD2 MH	197.239	80.1	124.5	222.78	222.78	88.9	1.384	OK	222.6922	0.00	0.03	F009425
F009425-MSD2 Hg	431.572	127.5	182.1	222.76	222.77	140.1	2.447	OK	222.6922	0.00	0.03	F009425

#88: 0100073-67



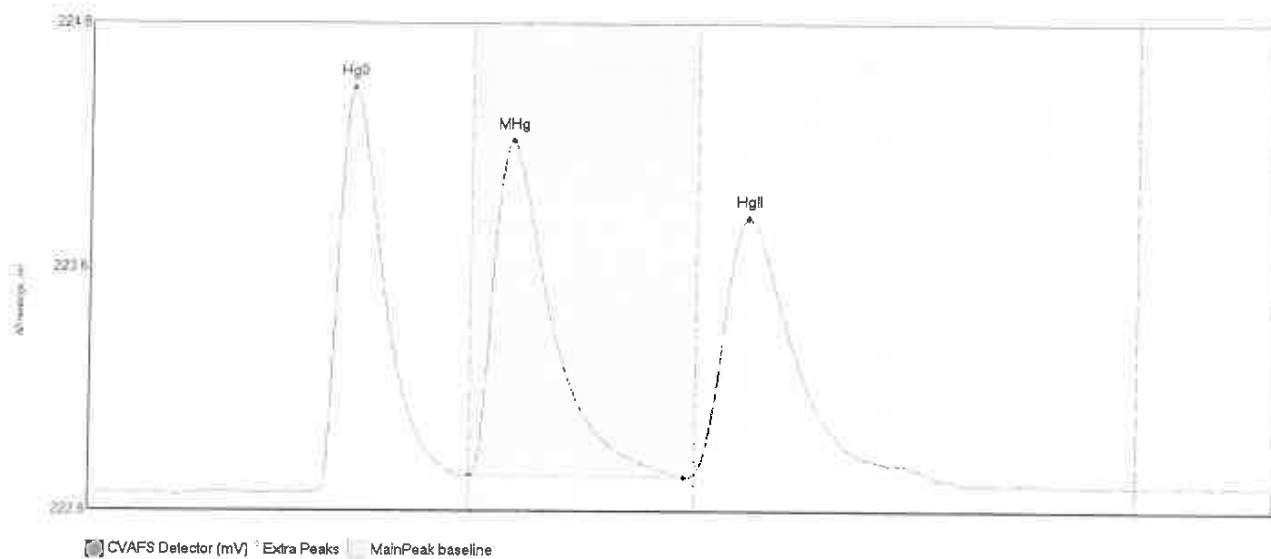
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Width	Comment
0100073-67 Hg0	200.000	47.5	79.7	222.70	222.79	55.3	1.835	OK	222.6975	0.00	0.00	F009425
0100073-67 MHg	19.028	80.7	102.8	222.79	222.78	88.1	0.172	OK	222.6975	0.00	0.00	F009425
0100073-67 HgII	304.001	127.5	179.5	222.77	222.77	138.5	1.757	OK	222.6975	0.00	0.00	F009425

#89: F009426-MS1



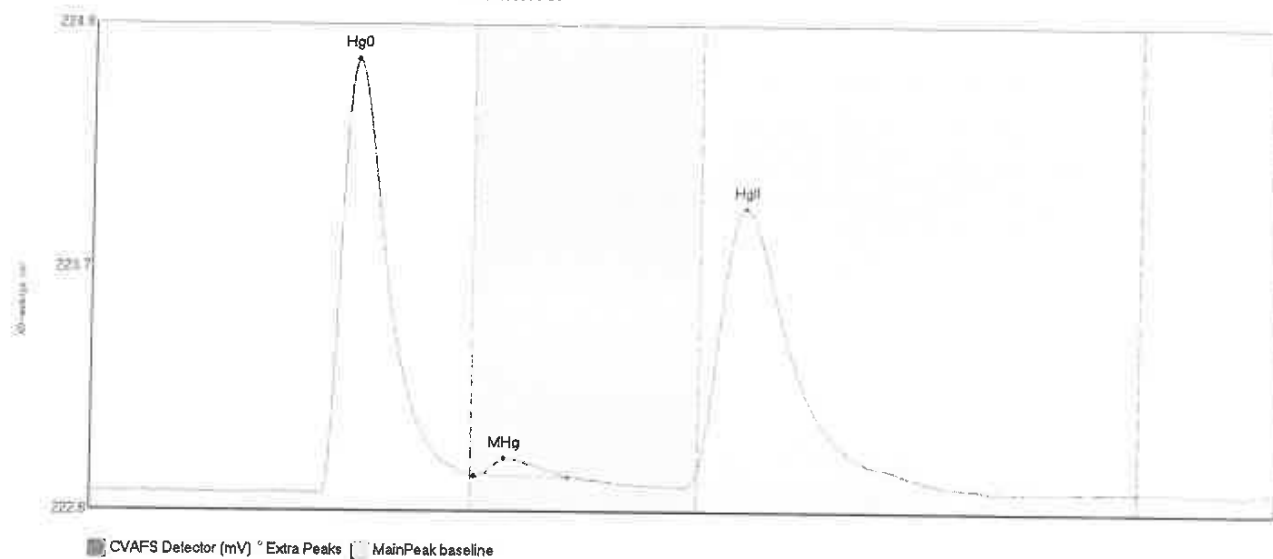
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009426-MS1 Hg0	192.028	47.8	79.8	222.70	222.79	55.2	1.756	OK	222.7054	0.00	0.02	F009425
F009426-MS1 MHg	187.847	80.0	124.2	222.79	222.78	88.2	1.345	OK	222.7054	0.00	0.02	F009425
F009426-MS1 HgI	216.362	127.5	177.0	222.80	222.77	138.3	1.298	OK	222.7054	0.00	0.02	F009425

#80: F009426-MSD1



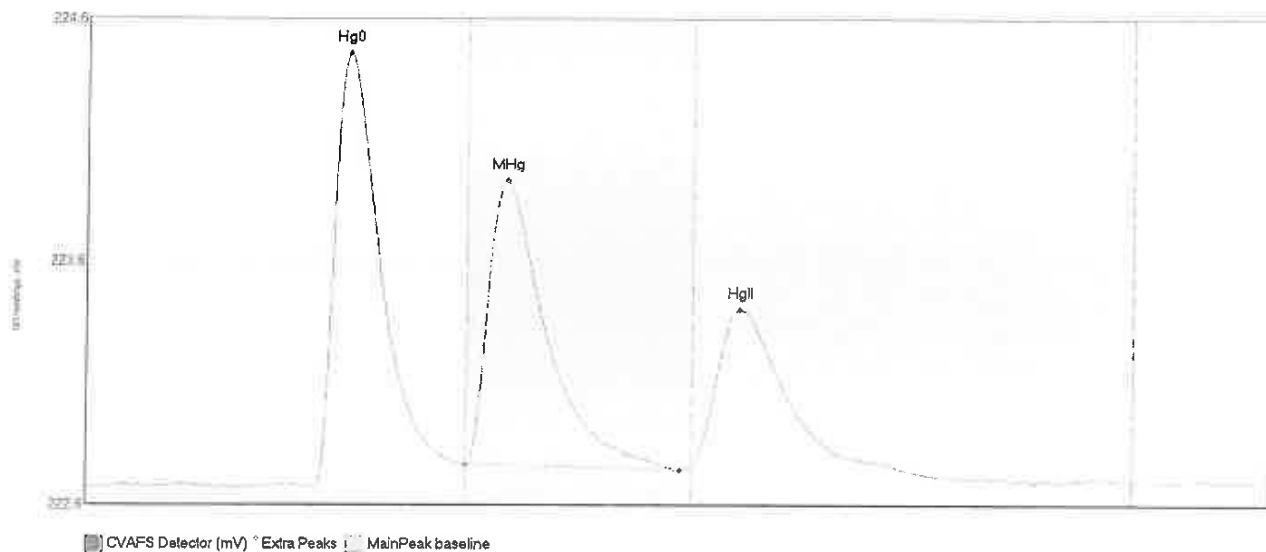
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Height	Width	Area	Comment
F009426-MSD1 Hg	178.562	48.0	79.9	222.71	222.77	55.3	1.655	OK	222.755	0.38	1.82	F009426
F009426-MSD1 MHg	194.759	80.0	125.3	222.77	222.77	88.5	1.374	OK	222.754	0.38	1.45	F009426
F009426-MSD1 Hg	177.858	127.5	179.2	222.79	222.75	133.2	1.045	OK	222.764	0.38	1.45	F009426

#91: 0100073-56



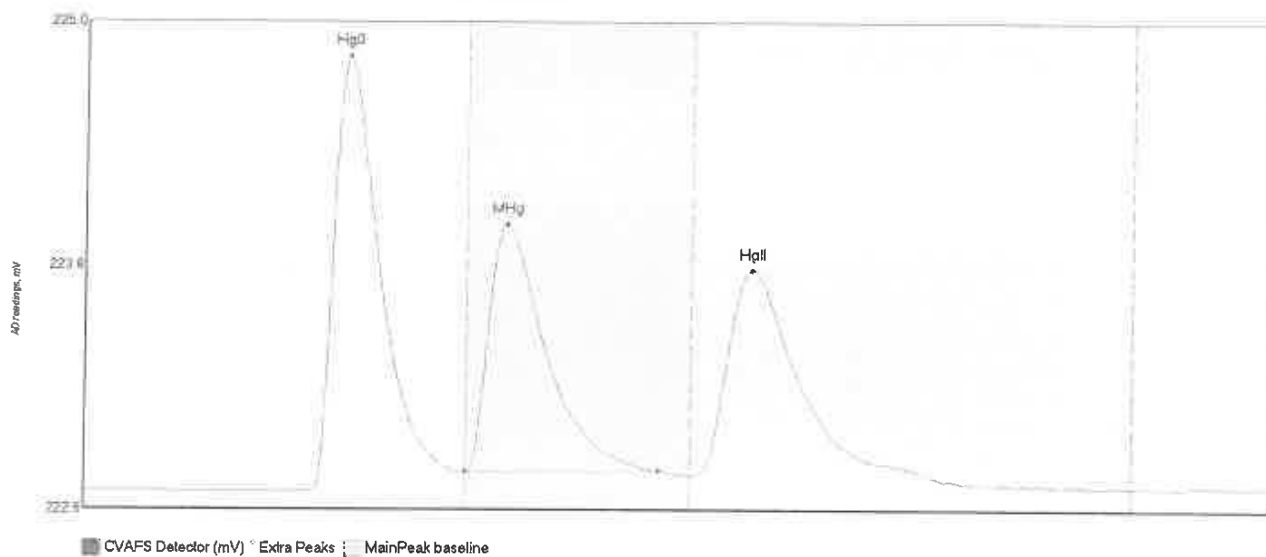
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	B:Shift	Comment
0100073-56 Hg0	212.770	48.2	80.0	222.69	222.78	55.3	1.944	CT	222.6971	0.00	0.01	F009426
0100073-56 MHg	8.269	80.7	100.5	222.77	222.77	87.0	0.078	OK	222.6971	0.00	0.01	F009426
0100073-56 HgII	180.485	127.5	166.2	222.81	222.31	136.9	1.166	OK	222.6971	0.00	0.01	F009426

#92: F009426-MS2



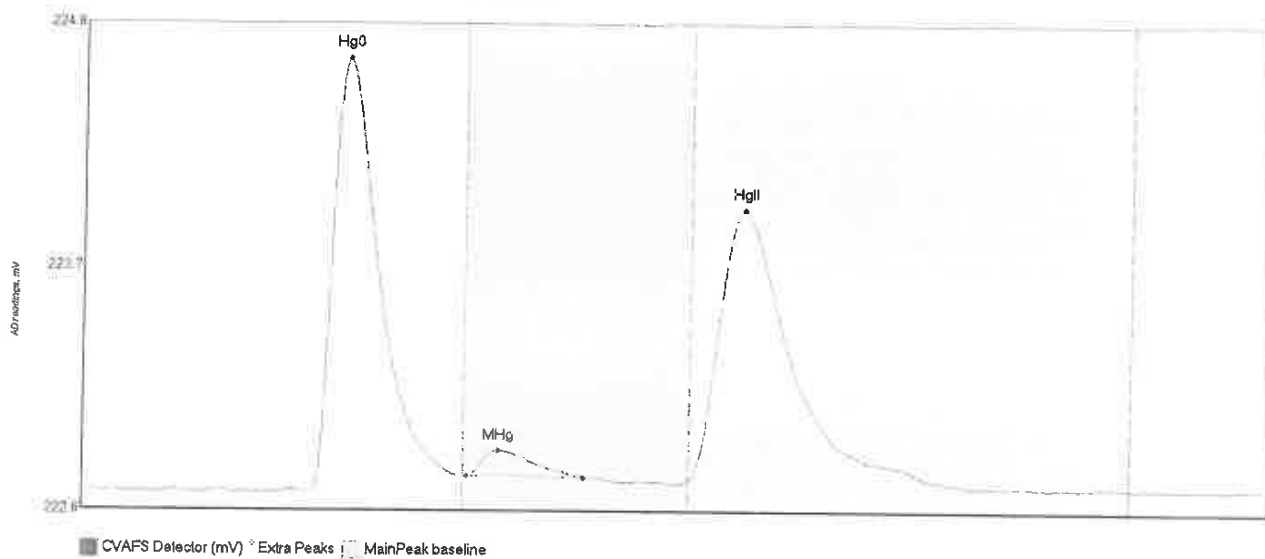
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
F009426-MS2 Hg0	191.266	35.1	79.4	222.69	222.77	55.4	1.802	OK	222.6839	0.00	0.03	F009426
F009426-MS2 MHg	166.015	80.0	124.7	222.78	222.76	88.2	1.182	OK	222.6839	0.00	0.03	F009426
F009426-MS2 HgI	96.729	127.5	165.0	222.78	222.79	137.4	0.650	OK	222.6839	0.00	0.03	F009426

#98: F009426-MSD2



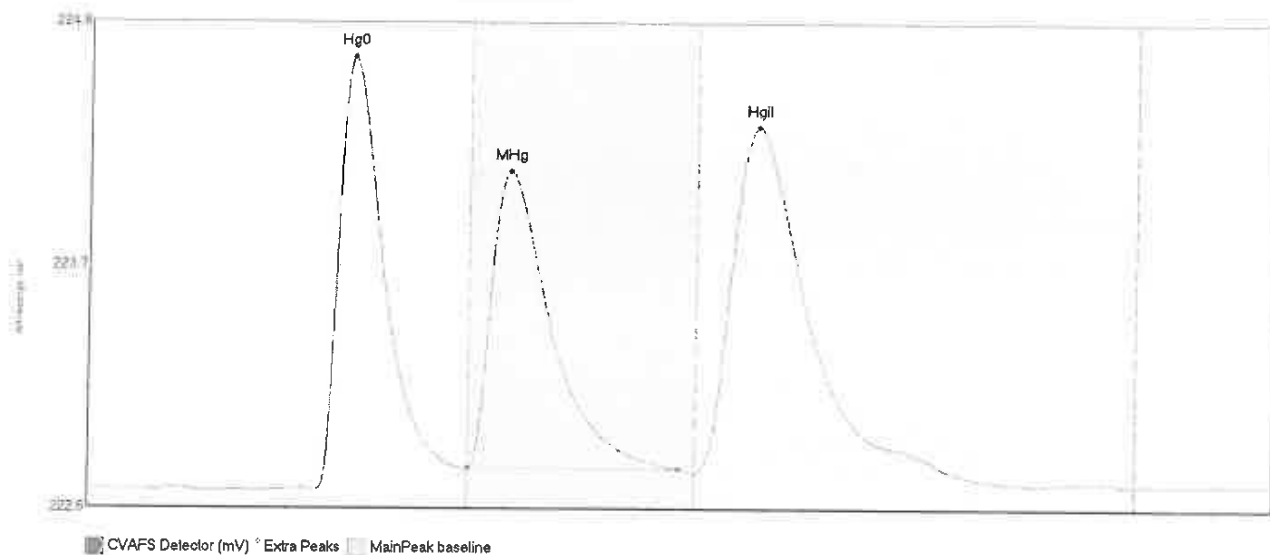
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
F009426-MSD2 Hg	230.191	47.9	79.3	222.70	222.79	55.3	2.133	OK	222.6999	0.00	0.02	F009426
F009426-MSD2 MH	167.942	80.0	120.7	222.79	222.80	88.4	1.218	OK	222.6999	0.00	0.02	F009426
F009426-MSD2 Hg	173.319	128.5	180.5	222.77	222.75	139.9	1.012	OK	222.6999	0.00	0.02	F009426

#94: 0100073-86



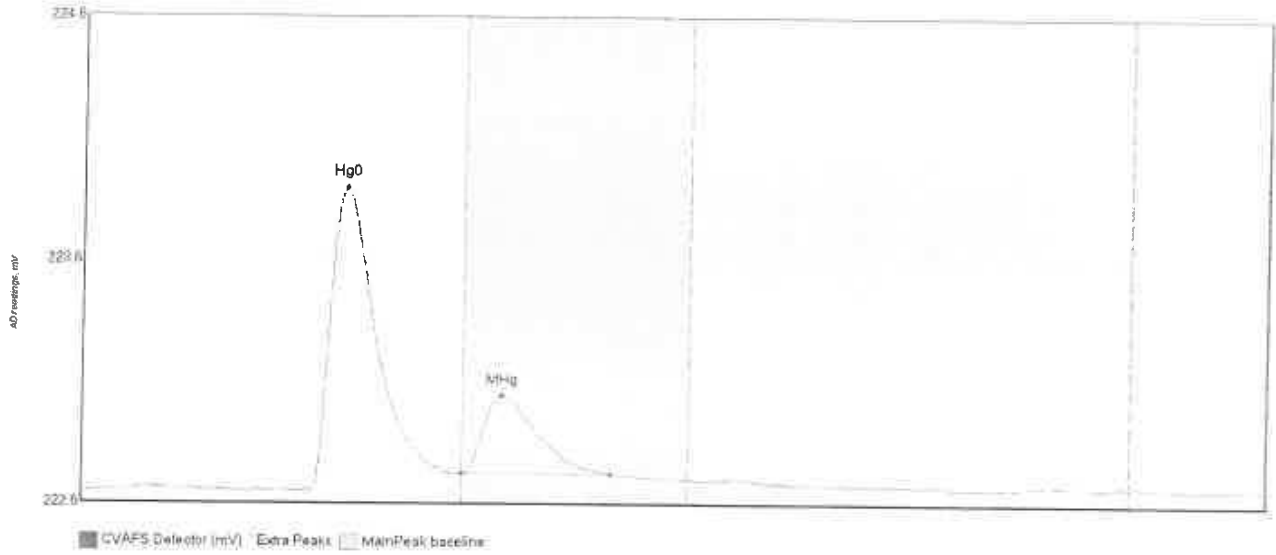
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-86 Hg0	210.540	47.7	80.0	222.70	222.77	55.2	1.936	CT	222.7002	0.36	0.82	F009426
0100073-86 MHg	14.108	80.8	105.3	222.77	222.76	87.2	0.114	OK	222.7002	0.02	0.02	F009426
0100073-86 HgII	204.091	127.5	178.6	222.75	222.74	138.4	1.203	OK	222.7002	0.36	0.82	F009426

#95: F009427-MS1



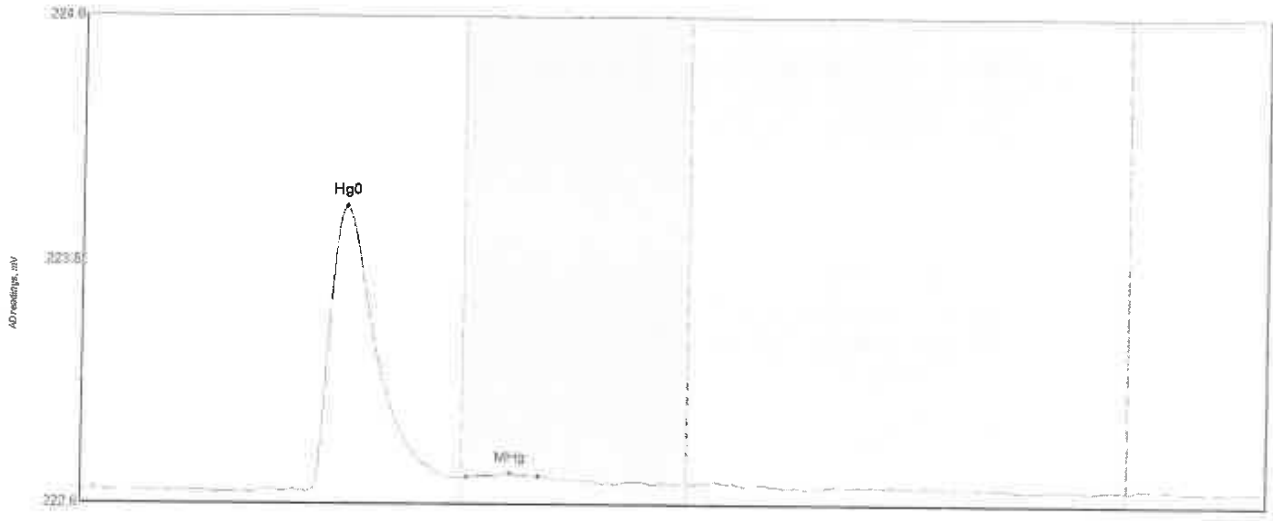
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
Hg0 205.705	47.7	79.8	222.70	222.79	55.3	1.913	OK	222.6987	0.00	0.02	F009426
MHg 186.827	80.0	124.0	222.79	222.78	88.4	1.314	OK	222.6987	0.00	0.02	F009426
HgI 285.671	127.5	188.0	222.77	222.74	140.1	1.535	OK	222.6987	0.00	0.02	F009426

#96:SEQ-CCV8



Nat.:	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCV8 Hg0	133.748	47.7	79.8	222.70	222.77	55.4	1.239	OK	222.6979	0.00	0.01	
SEQ-CCV8 MHg	41.252	60.0	111.1	222.77	222.77	88.0	0.319	OK	222.6979	0.00	0.01	

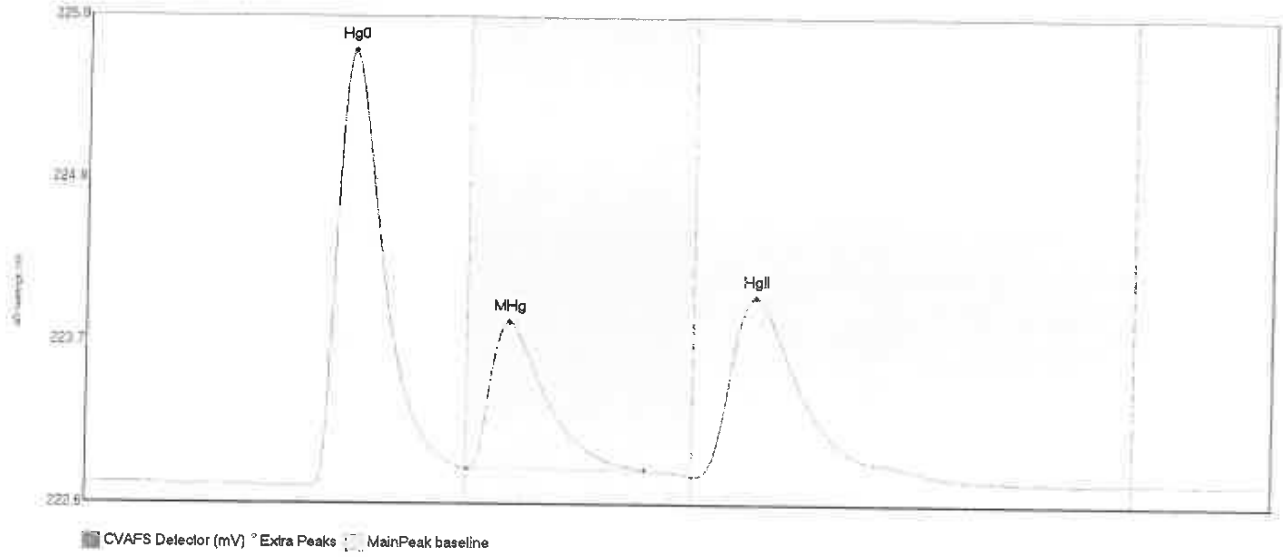
#97: SEQ-CCB8



CVAFS Detector (mV) Extra Peaks MainPeak baseline

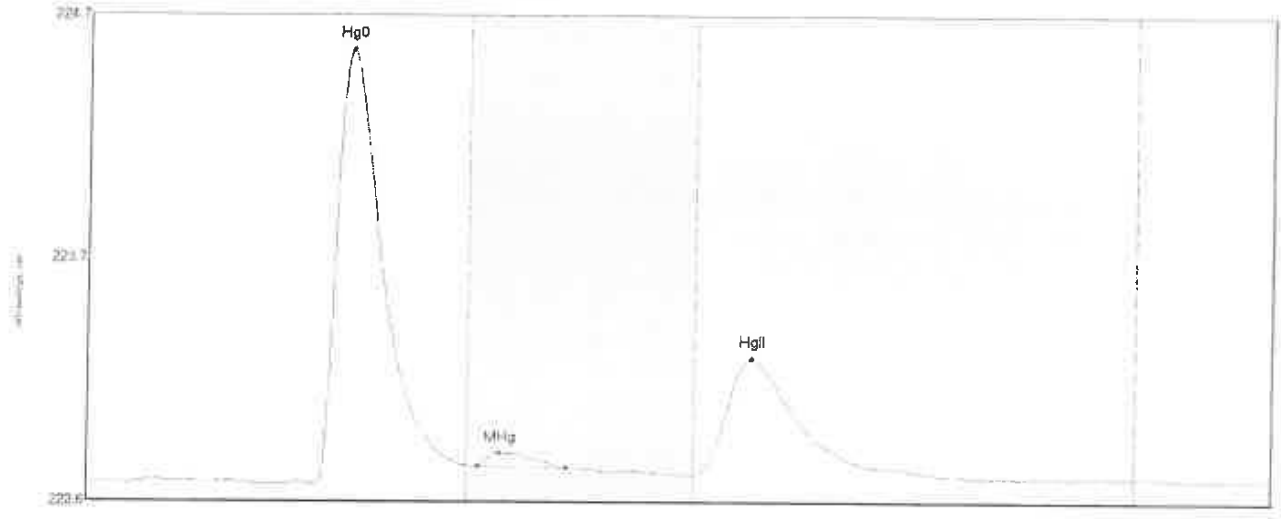
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCB8 Hg0	125.599	47.4	80.0	222.70	222.76	55.4	1.169	CT	222.7029	0.00	0.00	
SEQ-CCB8 MHg	1.221	81.2	96.1	222.76	222.76	90.1	0.016	OK	222.7029	0.00	0.00	

#98: F009427-MSD1



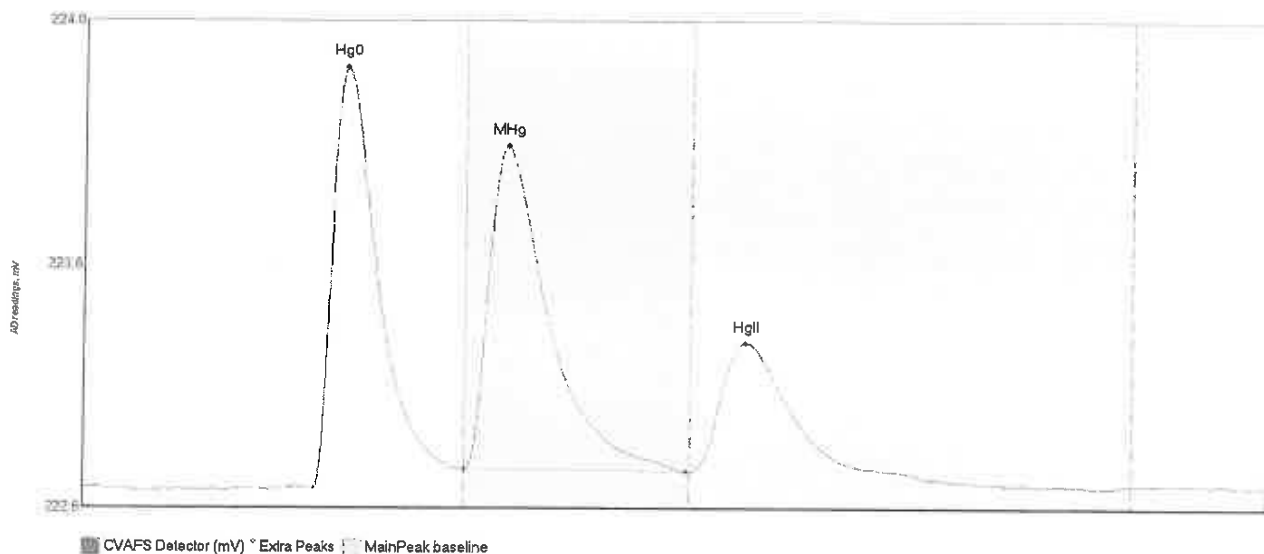
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Bibev	Bishit	Comment
F009427-MSD1 Hg	324.415	46.4	80.0	222.69	222.80	55.5	2.961	CT	222.7095	0.00	0.01	F009427
F009427-MSD1 MH	133.856	80.4	117.6	222.80	222.80	88.8	1.002	OK	222.7095	0.00	0.01	F009427
F009427-MSD1 Hg	205.052	127.7	177.9	222.76	222.76	140.2	1.218	OK	222.7095	0.00	0.01	F009427

#99: 0100073-87



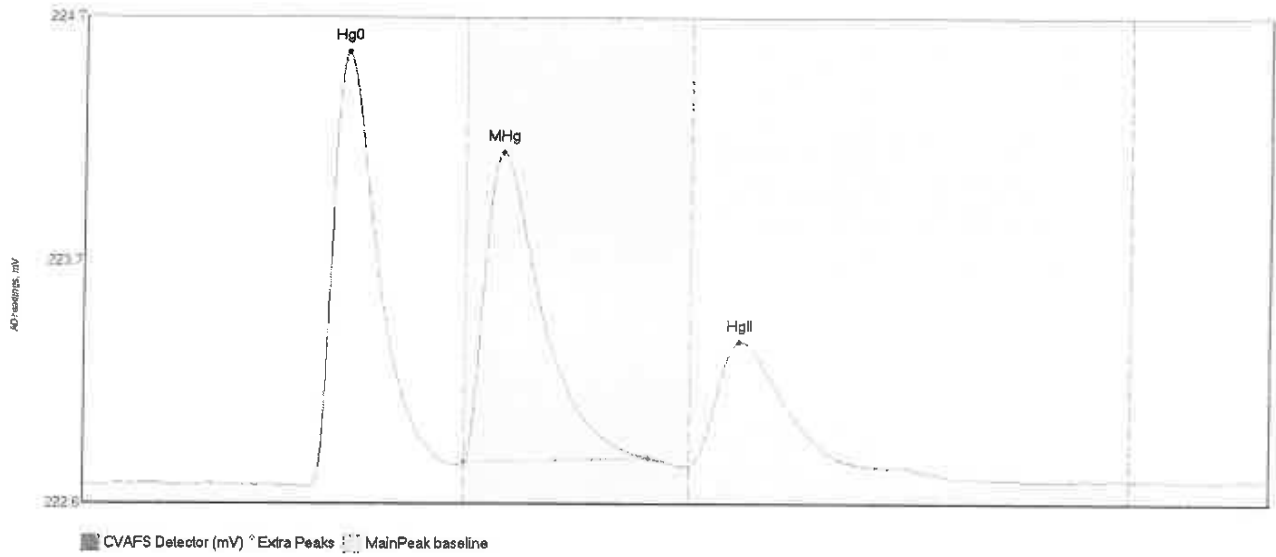
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100073-87 Hg0	201.717	47.7	80.0	222.70	222.78	55.2	1.858	CT	222.7099	0.00	0.02	F009427
0100073-87 MHg	6.327	82.2	100.7	222.78	222.77	87.0	0.056	OK	222.7099	0.00	0.02	F009427
0100073-87 HgII	93.759	127.5	177.1	222.74	222.75	139.4	0.503	OK	222.7099	0.00	0.02	F009427

#100: F009427-MS2

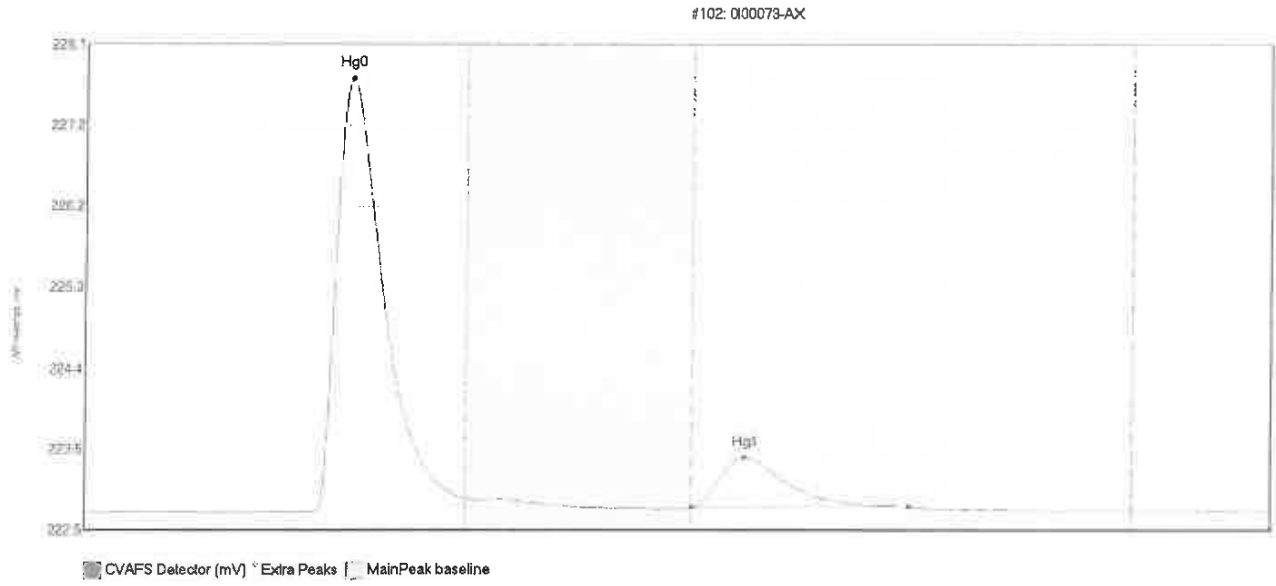


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-MS2 Hg0	186.787	48.0	80.0	222.72	222.80	55.1	1.726	CT	222.7260	0.00	0.01	F009427
F009427-MS2 MHg	191.740	80.0	126.5	222.80	222.79	88.7	1.327	OK	222.7260	0.00	0.01	F009427
F009427-MS2 HgI	64.262	127.5	168.4	222.79	222.79	138.9	0.536	OK	222.7260	0.00	0.01	F009427

#101: F009427-MSD2

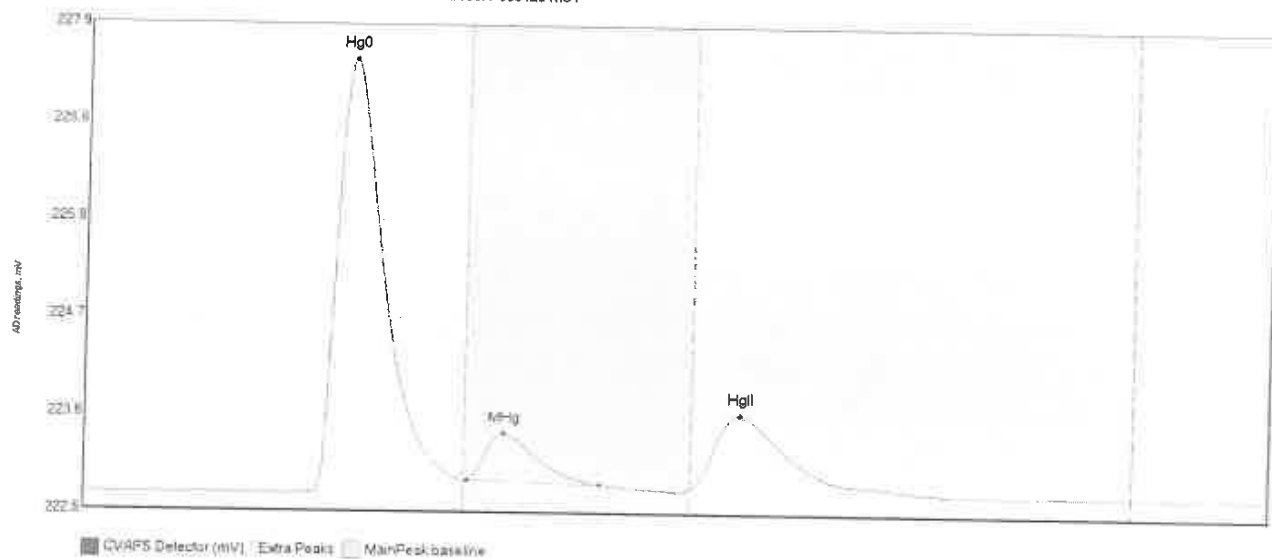


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009427-MSD2 Hg	192.916	47.7	78.7	222.72	222.80	55.2	1.802	OK	222.7251	0.00	0.02	F009427
F009427-MSD2 MH	177.301	80.0	118.6	222.82	222.84	87.8	1.287	OK	222.7251	0.00	0.02	F009427
F009427-MSD2 Hg	80.020	127.5	163.7	222.80	222.80	137.6	0.519	OK	222.7251	0.00	0.02	F009427



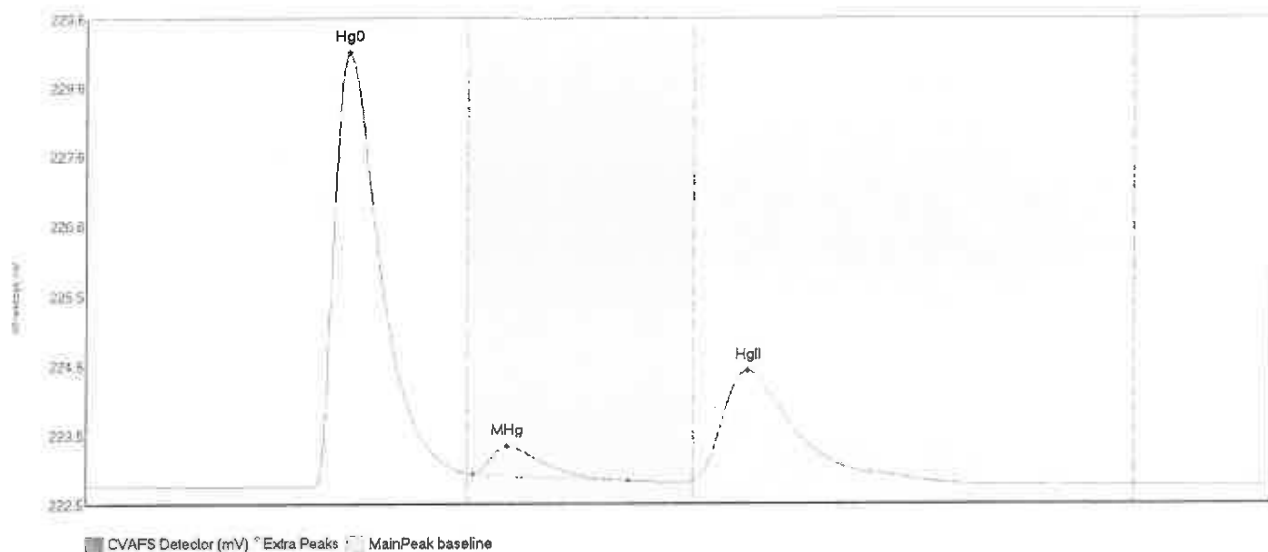
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-AX	554.180	47.4	80.0	222.73	222.89	55.9	4.984	CT	222.7312	0.00	0.01	F009427
0100073-AX	93.645	127.5	172.9	222.78	222.79	138.5	0.576	OK	222.7312	0.00	0.01	F009427

#109: F009428-MS1



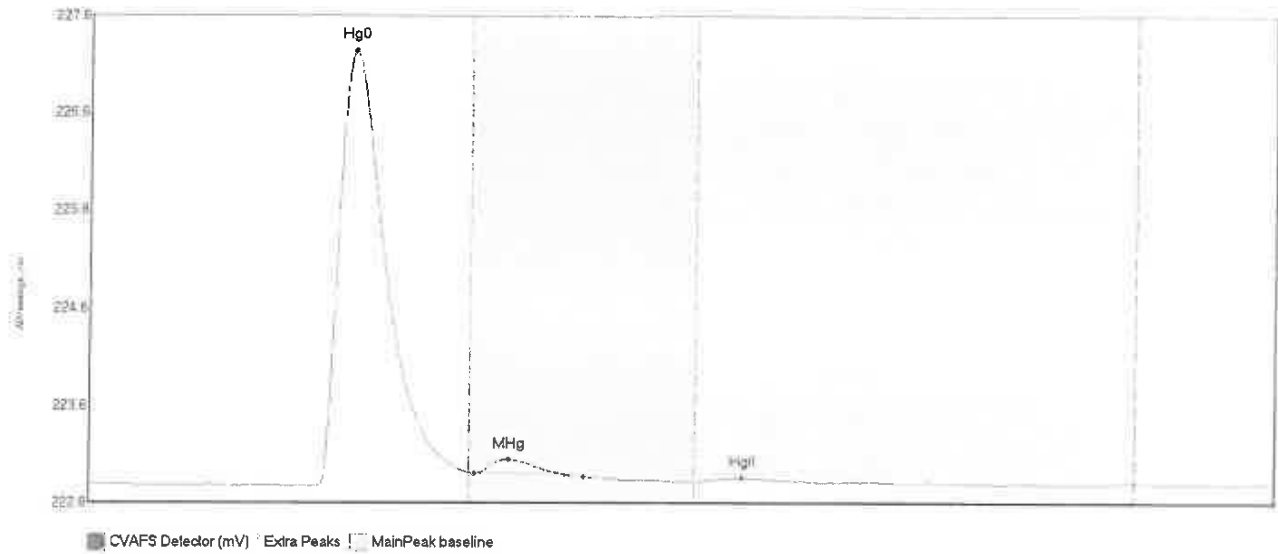
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Peak Weight	Flags	Baseline	BlDev	BlShift
F009428-MS1 Hg0	529.688	47.8	80.0	222.75	222.89	55.8	4.77%	CT	222.7418	0.00	0.01
F009428-MS1 MHg	63.515	80.6	108.4	222.89	222.85	88.3	0.50%	OK	222.7418	0.00	0.01
F009428-MS1 HgI	139.738	127.5	177.1	222.82	222.79	137.6	0.63%	OK	222.7418	0.00	0.01

#104: F009428-MSD1



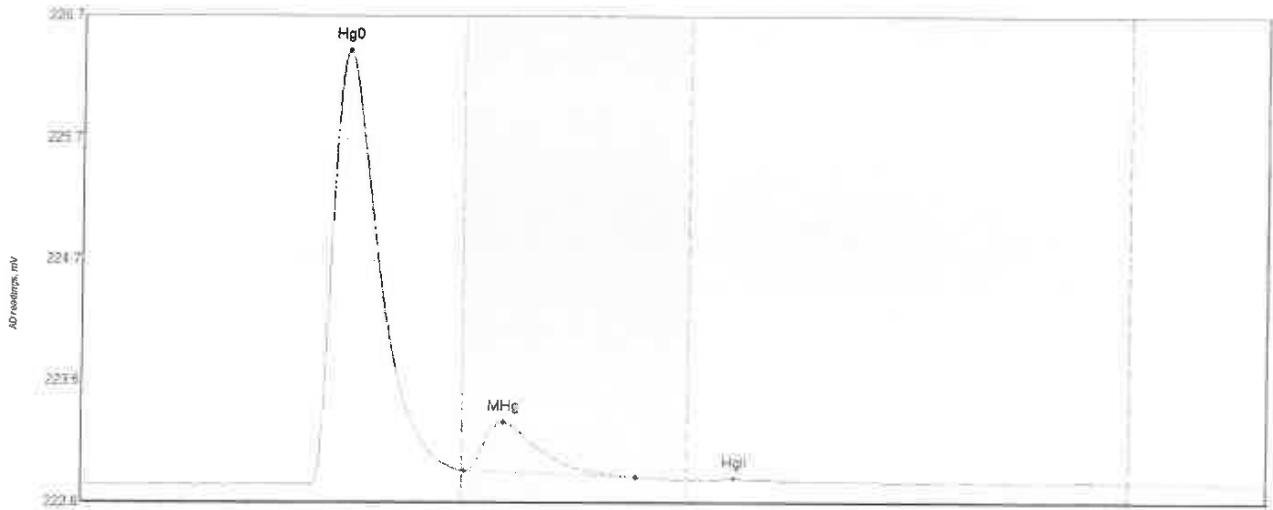
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MSD1 Hg	698.450	47.6	80.0	222.75	222.93	55.4	6.347	CT	222.7500	0.00	0.02	F009428
F009428-MSD1 MH	54.542	81.3	113.9	222.92	222.82	88.4	0.419	OK	222.7500	0.00	0.02	F009428
F009428-MSD1 Hg	290.701	127.5	183.8	222.82	222.78	138.9	1.628	OK	222.7500	0.00	0.02	F009428

#105: 0100084-01



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100084-01 Hg0	495.311	47.8	80.0	222.76	222.90	55.6	4.499	CT	222.7598	0.00	0.01	F009428
0100084-01 MHg	16.714	81.2	103.9	222.89	222.85	88.2	0.145	OK	222.7598	0.00	0.01	F009428
0100084-01 HgII	3.690	128.1	146.4	222.79	222.80	137.3	0.036	OK	222.7598	0.00	0.01	F009428

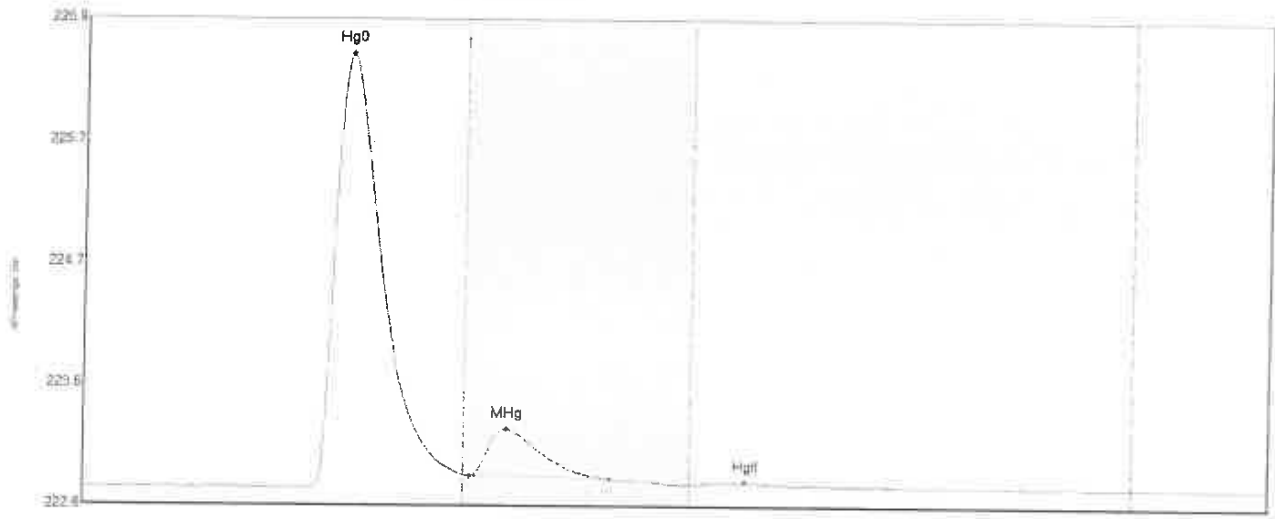
#106: F009428-MS2



CVAFS Detector (mV) * Extra Peaks MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009423-MS2	Hg0 406.001	47.6	80.0	222.76	222.88	55.7	3.686	CT	222.7606	0.00	0.01	F009428
F009429-MS2	MHg 56.520	80.5	116.5	222.88	222.82	88.5	0.417	OK	222.7606	0.00	0.01	F009428
F009429-MS2	HgI 0.608	133.1	141.3	222.80	222.80	137.1	0.016	OK	222.7606	0.00	0.01	F009428

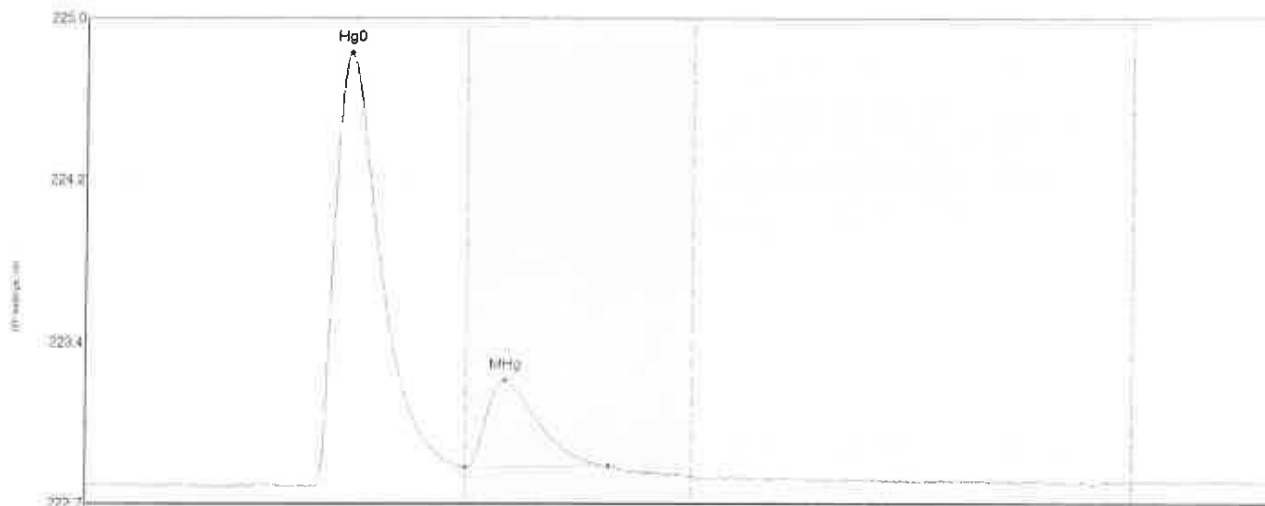
#107: F009428-MSD2



CVAFS Detector (mV) Extra Peaks MainPeak baseline

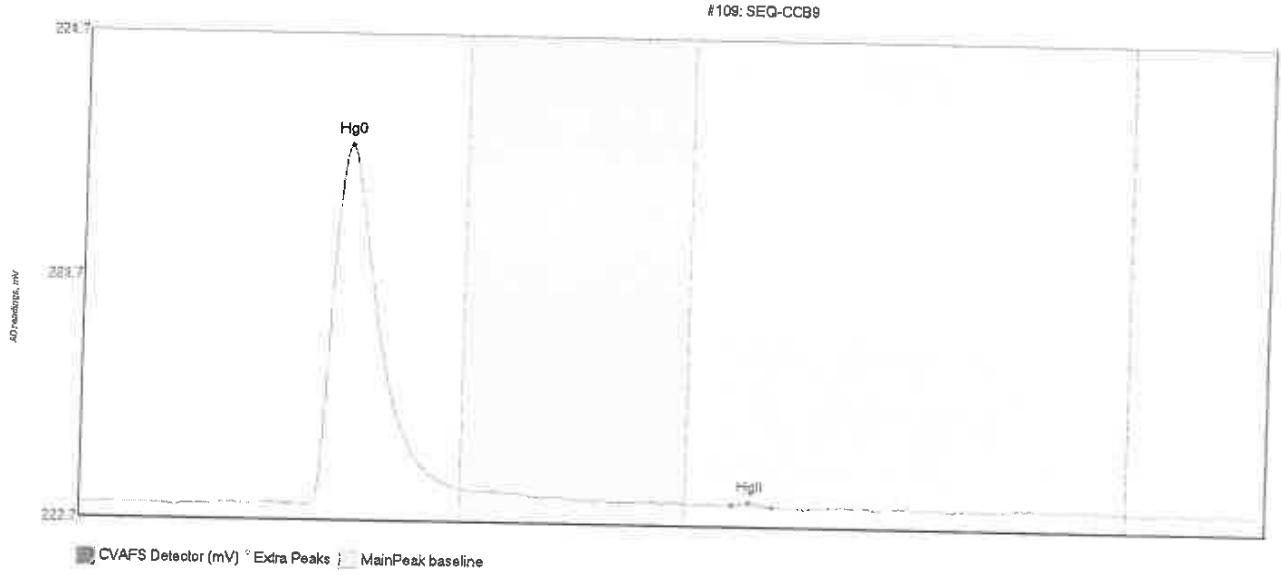
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MSD2 Hg	409.222	47.9	80.0	222.76	222.89	55.7	3.714	CI	222.7683	0.00	0.00	F009428
F009428-MSD2 MH	51.241	81.3	110.6	222.88	222.84	88.9	0.401	OK	222.7683	0.00	0.00	F009428
F009428-MSD2 Hg	1.475	129.1	144.0	222.80	222.80	138.9	0.021	OK	222.7683	0.00	0.00	F009428

#108: SEQ-CCV9

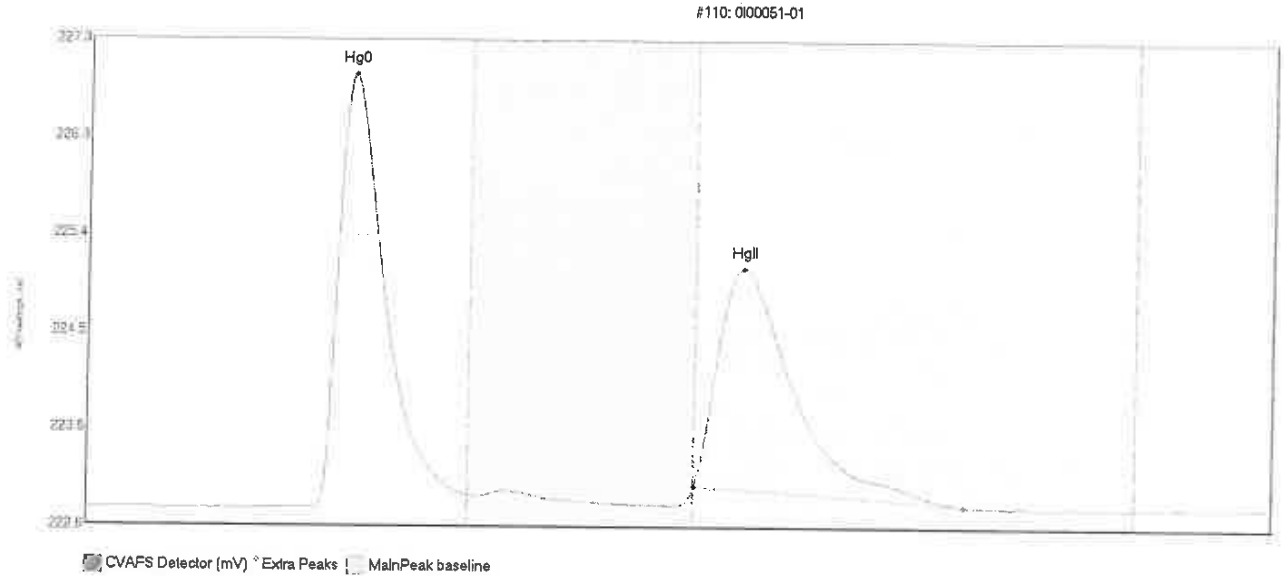


■ CVAFS Detector (mV) · Extra Peaks □ MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCV9 Hg0	226,964	48.4	80.0	222.76	222.84	55.7	2.076	CT	222.7658	0.00	0.01	
SEQ-CCV9 MHg	51,603	80.0	110.0	222.84	222.85	88.3	0.421	OK	222.7658	0.00	0.01	

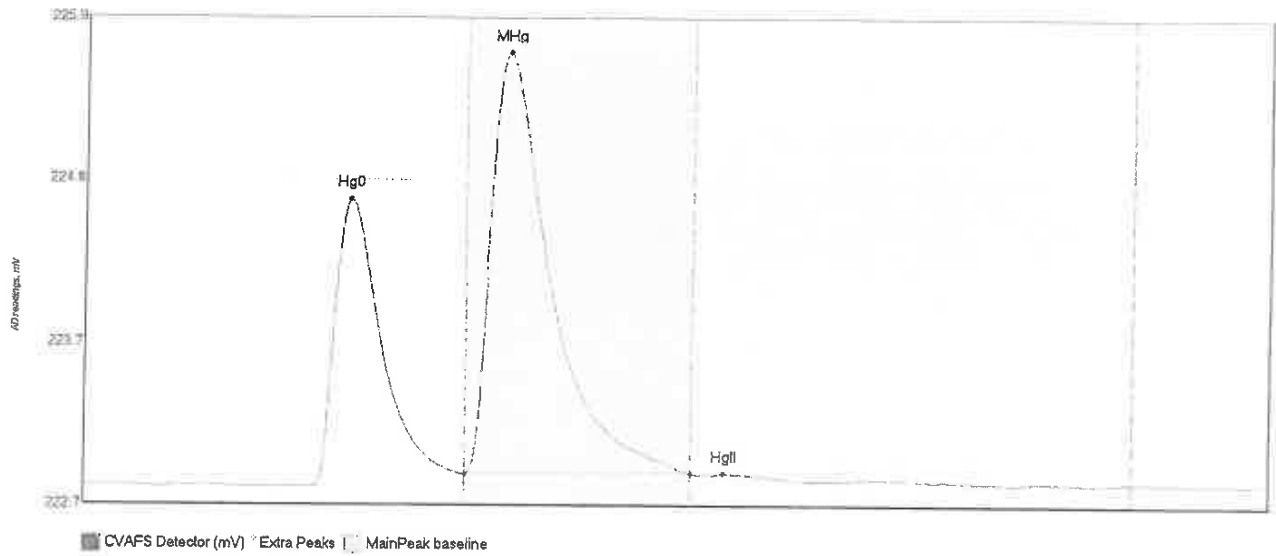


Name	Area	Time	Endtime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BShift	Comment
SEQ-CCB9 Hg0	159.636	140.7	80.0	222.77	222.84	55.7	1.474	CT	222.7674	0.01	
SEQ-CCB9 HgII	0.644	145.7	145.7	222.79	222.78	140.7	0.010	OK	222.7674	0.01	



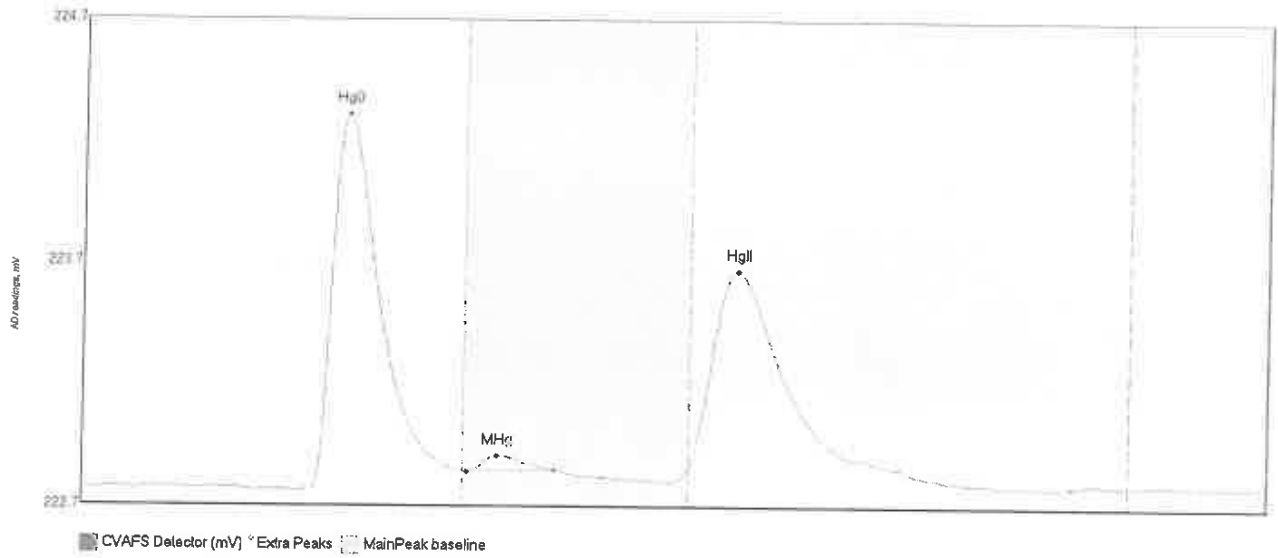
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100051-01 Hg0	449.113	35.7	80.0	222.77	222.90	55.5	4.164	CT	222.7604	0.00	0.04	F009428
0100051-01 HgII	385.098	127.5	184.2	222.99	222.80	137.5	2.100	OK	222.7604	0.00	0.04	F009428

#111: 000072-02



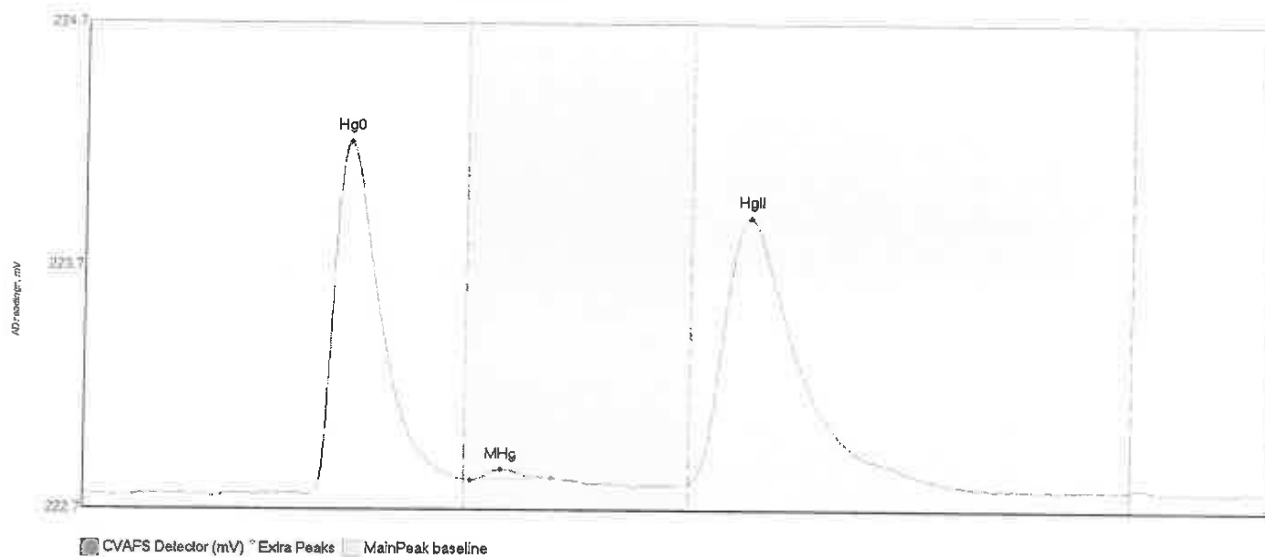
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100072-02 Hg0	212.680	48.1	79.8	222.78	222.87	55.6	1.936	OK	222.7866	0.00	0.01	F009428
0100072-02 MHg	408.425	80.0	127.5	222.87	222.88	88.8	2.840	CT	222.7866	0.00	0.01	F009428
0100072-02 HgII	0.054	131.6	134.7	222.86	222.88	134.2	0.014	OK	222.7866	0.00	0.01	F009428

#112: 0100073-01

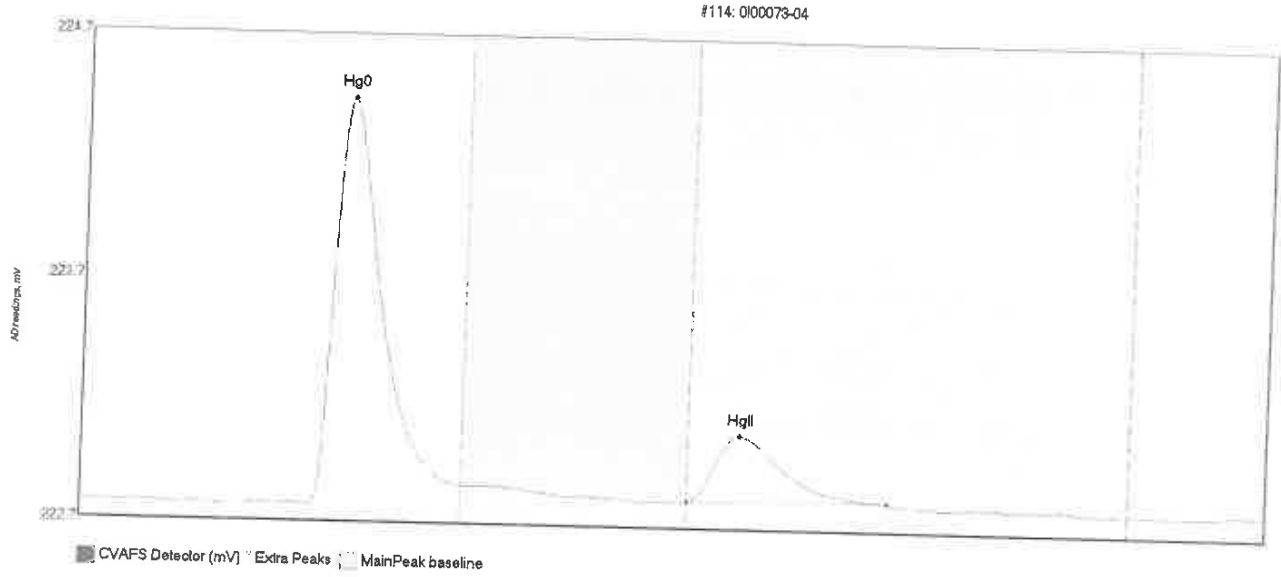


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Shift	Comment
0100073-01 Hg0	168.977	47.7	80.0	222.78	222.86	55.6	1.542	CT	222.7796	0.02	F009424
0100073-01 MHg	5.929	80.9	99.1	222.85	222.86	87.1	0.064	OK	222.7796	0.02	F009424
0100073-01 HgII	123.113	127.5	164.3	222.87	222.90	137.5	0.806	OK	222.7796	0.02	F009424

#113: 0100073-02

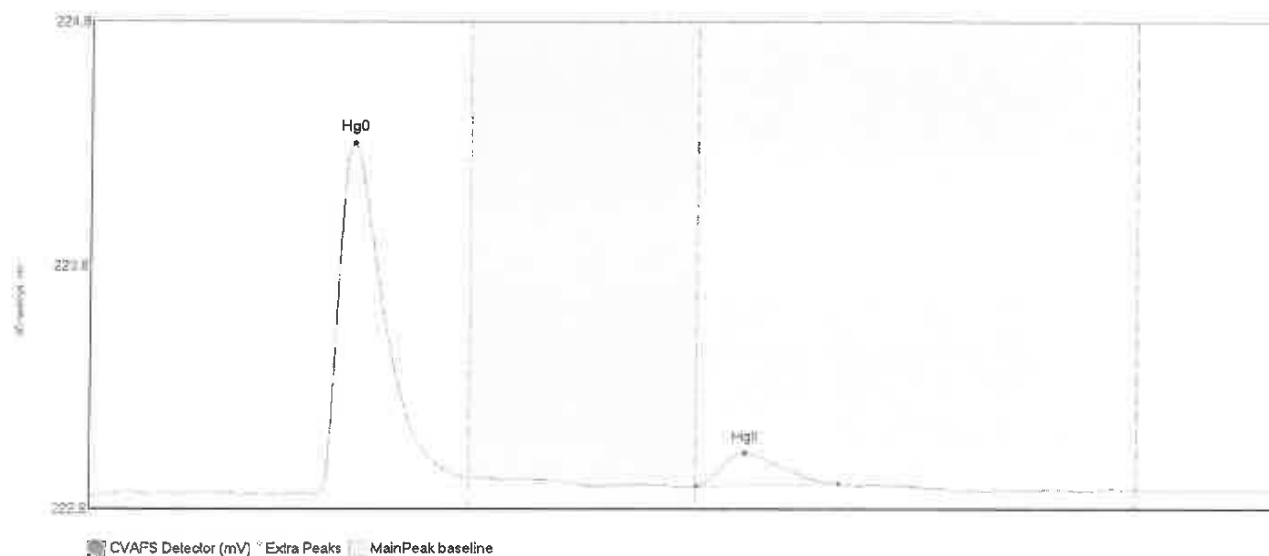


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-02 Hg0	158.172	46.5	80.0	222.80	222.87	55.5	1.447	CT	222.8005	0.00	0.01	F009424
0100073-02 MHg	3.475	81.3	98.4	222.86	222.86	87.6	0.043	OK	222.8005	0.00	0.01	F009424
0100073-02 HgII	188.797	127.5	177.9	222.85	222.85	139.6	1.086	OK	222.8005	0.00	0.01	F009424



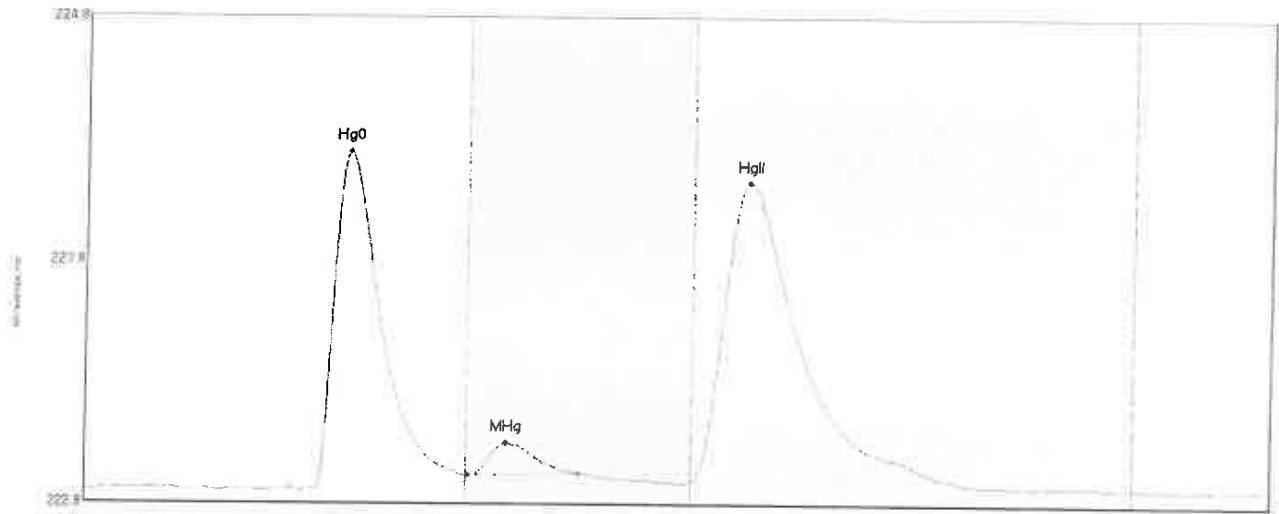
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	Height	Width	Comment
0100073-04 Hg0	180.963	48.4	80.0	222.80	222.89	55.5	1.665	CT	222.8421	0.288	0.702	
0100073-04 HgII	43.346	127.5	169.3	222.84	222.85	138.2	0.274	OK	222.8487	0.101	0.227	F009424

#115: 0100078-05



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comments
115001-05-Hg0	Hg0 158.364	48.2	80.0	222.81	222.88	55.4	1.442	CT	222.8092	0.00	0.01	27001-05
115001-05-Hg11	Hg11 19.422	127.5	157.6	222.85	222.85	137.7	0.135	CK	222.8092	0.00	0.01	27001-05

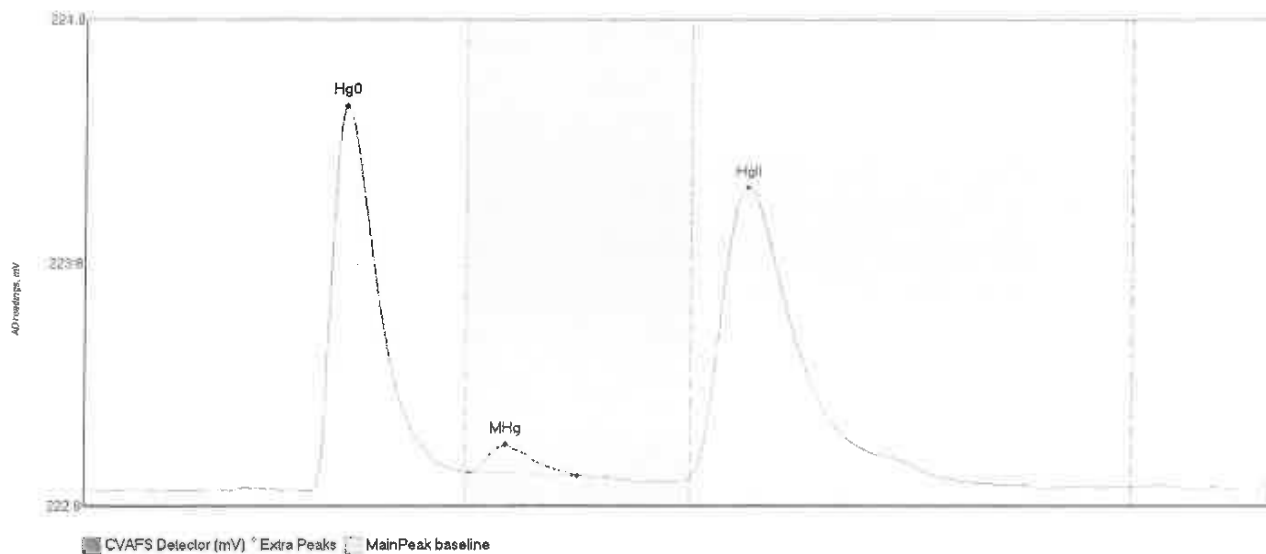
#116: 0100073-08



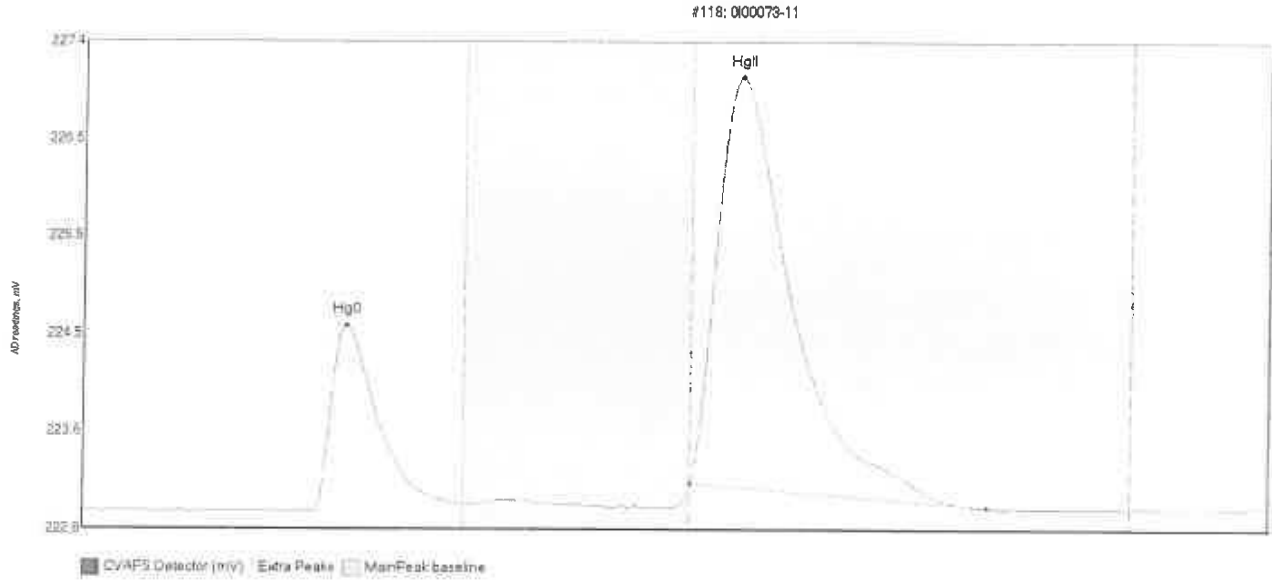
CVAFS Detector (mV) * Extra Peaks f MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-08 Hg0	150.612	47.9	80.0	222.83	222.88	55.3	1.384	CT	222.8221	0.00	0.01	F009424
0100073-08 MHg	13.816	80.4	103.7	222.89	222.89	88.3	0.131	OK	222.8221	0.00	0.01	F009424
0100073-08 HgII	218.750	127.5	179.3	222.86	222.87	139.1	1.233	OK	222.8221	0.00	0.01	F009424

#117: 0100073-09

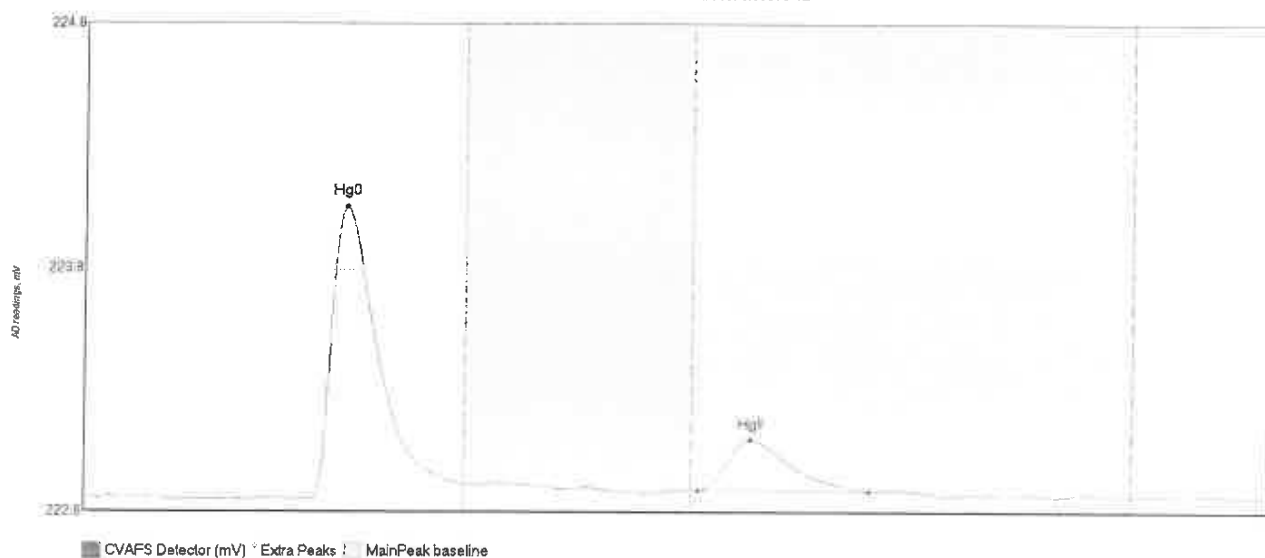


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-09 Hg0	171.939	47.7	80.0	222.82	222.89	55.1	1.581	CT	222.8264	0.00	0.01	F009424
0100073-09 MHg	12.617	81.0	103.6	222.89	222.88	88.4	0.116	OK	222.8264	0.00	0.01	F009424
0100073-09 HgII	214.800	127.5	162.2	222.87	222.86	139.1	1.193	OK	222.8264	0.00	0.01	F009424



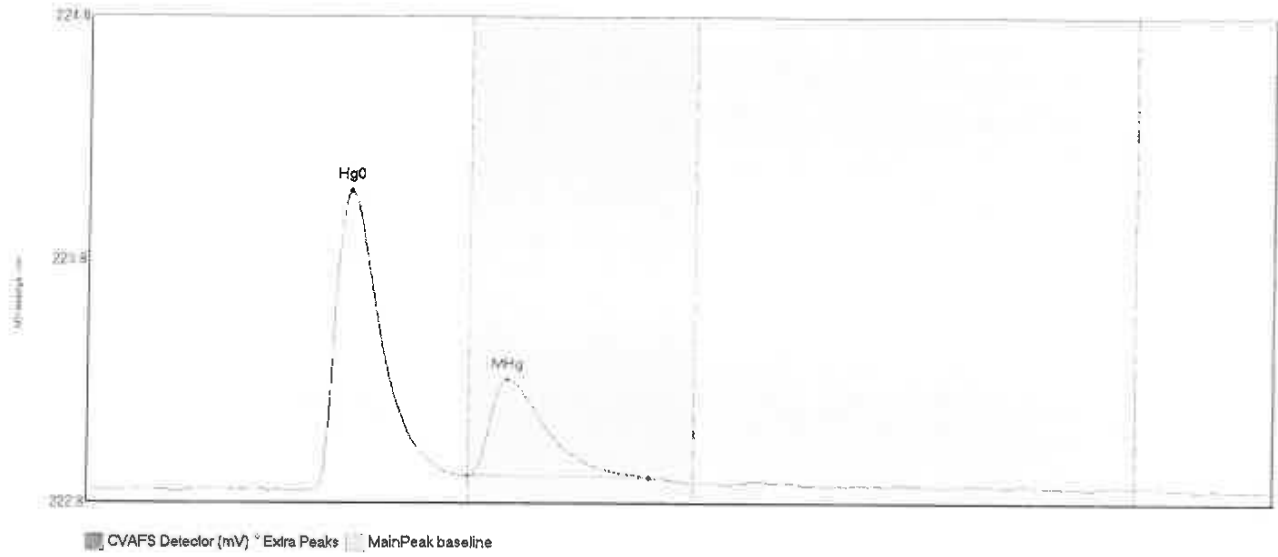
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-11 Hg0	197.901	46.5	80.0	222.82	222.89	55.2	1.816	CT	222.8331	0.00	0.03	F009424
0100073-11 HgII	729.875	127.5	190.0	223.09	222.86	137.8	3.973	OK	222.8331	0.00	0.03	F009424

#119: 0100073-12



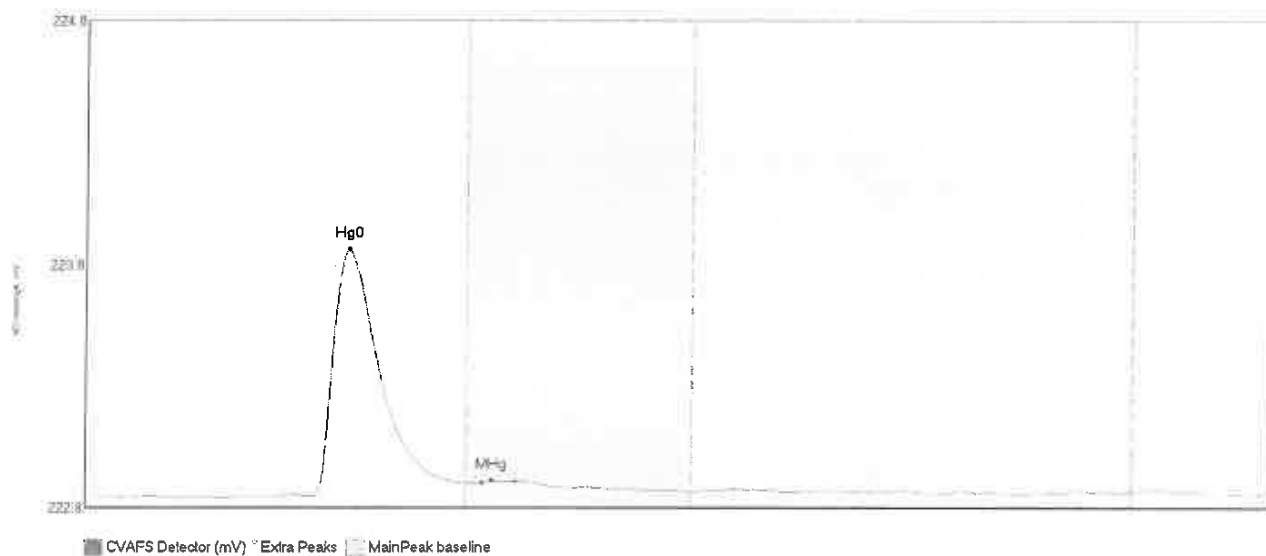
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift
0100073-12 Hg0	129.571	48.1	79.7	222.83	222.90	54.9	1.195	OK	222.8366	0.36	0.00
0100073-12 HgII	32.145	128.9	165.1	222.86	222.86	139.9	0.211	OK	222.8366	0.36	0.00

#120: SEQ-CCVA

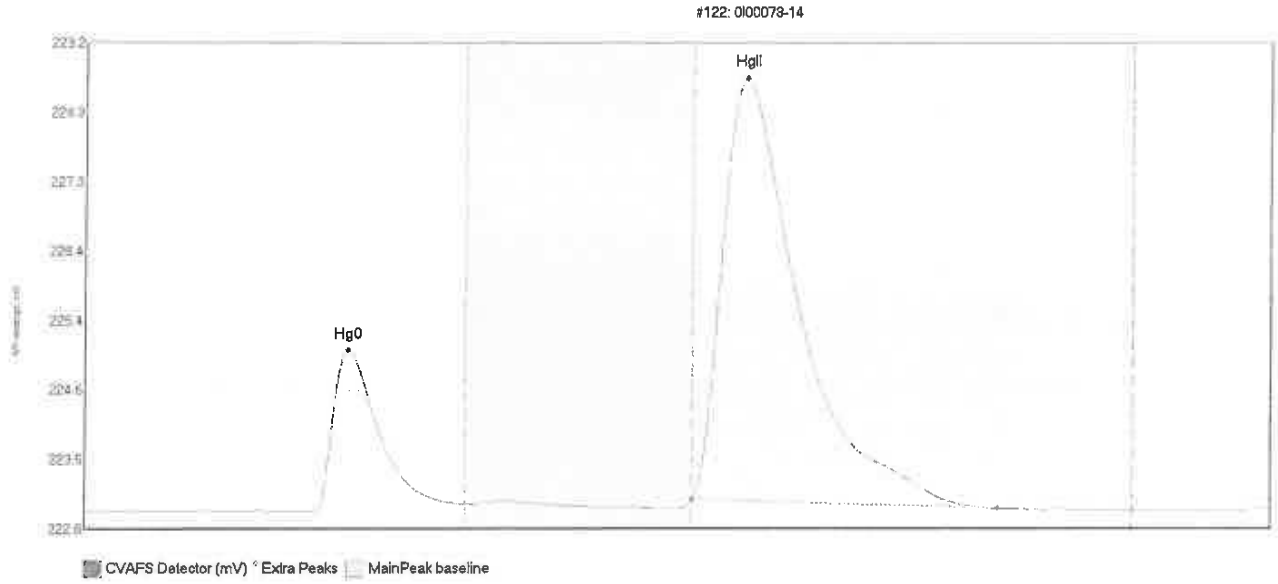


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Width	Comment
SEQ-CCVA Hg0	131.941	46.2	79.2	222.83	222.89	55.3	1.229	OK	222.8349	0.00	0.001	
SEQ-CCVA MHg	53.915	80.0	117.8	222.89	222.89	88.1	0.396	OK	222.8349	0.00	0.001	

#121: SEQ-CCBA

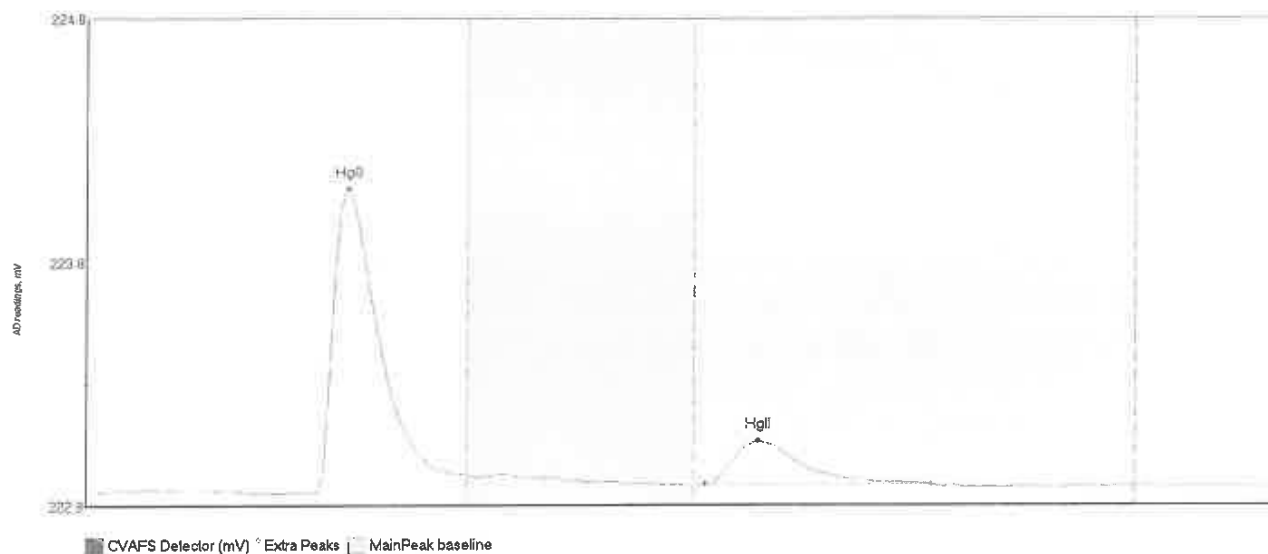


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBA Hg0	109.068	48.1	80.0	222.83	222.89	55.2	1.015	CT	222.8298	0.00	0.01	
SEQ-CCBA MHg	0.272	83.4	90.4	222.88	222.89	85.4	0.010	OK	222.8298	0.00	0.01	



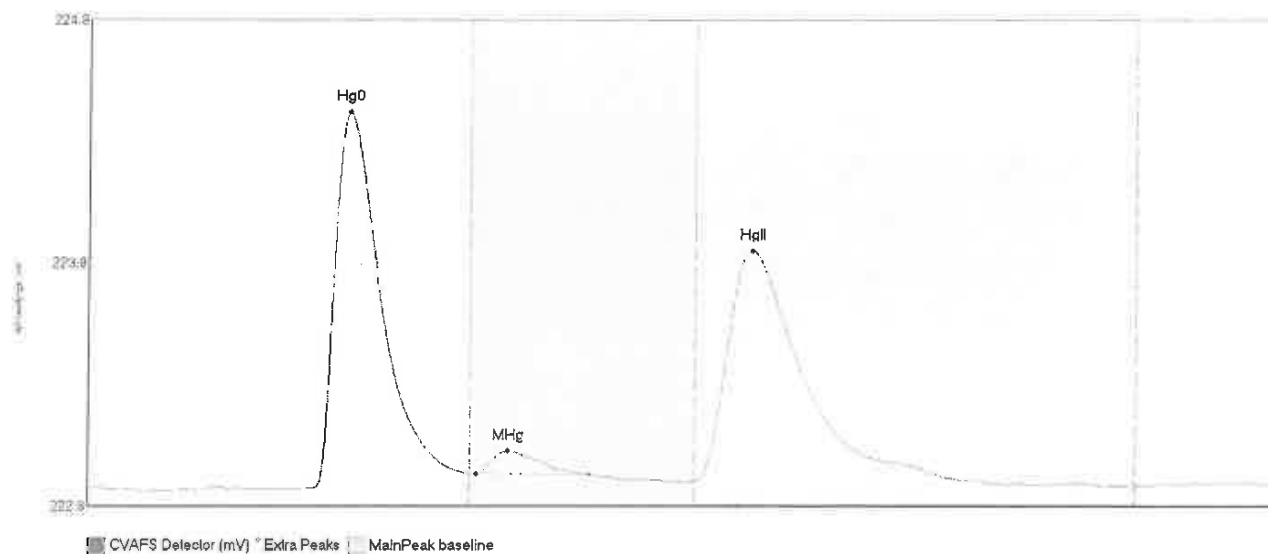
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Height	Flags	Baseline	Width	BShift	Comment
Hg0	236.874	47.1	80.0	222.83	222.93	55.1	2.19	CT	222.8367	0.00	0.04	F009424
HgII	1077.970	127.5	191.6	222.98	222.87	138.7	9.76	OK	222.8367	0.00	0.04	F009424

#123: 000073-15



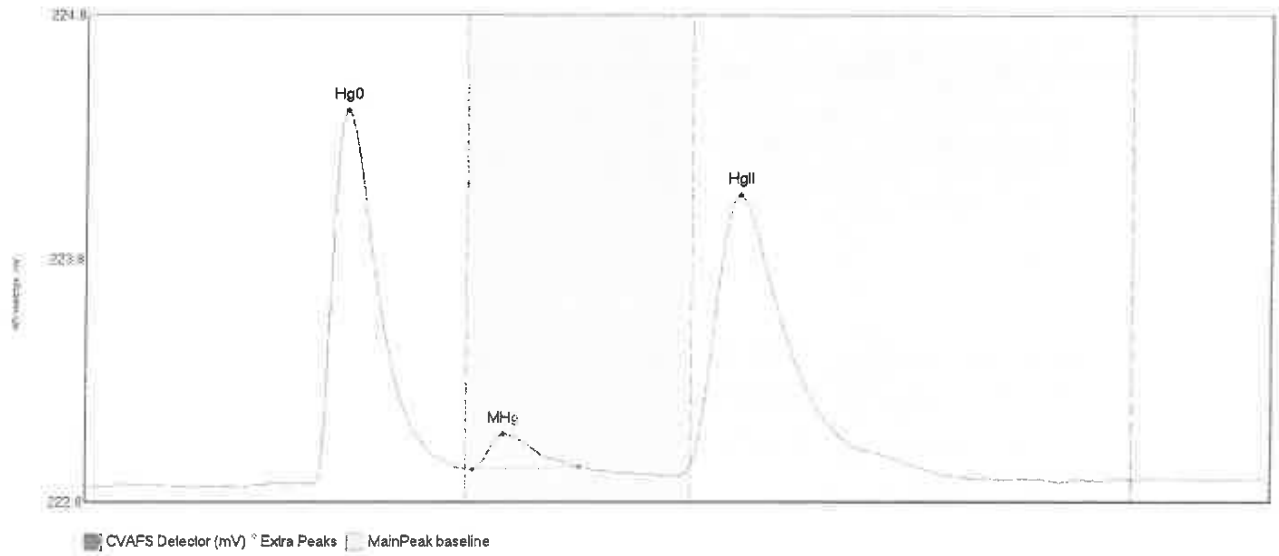
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIWw	BIShift
0100073-15 Hg0	133.752	48.0	80.0	222.83	222.91	55.0	1.247	CT	222.8388	2.09	0.01
0100073-15 HgII	29.285	130.0	177.1	222.87	222.87	140.9	0.179	OK	222.8388	2.09	0.01

#124: 0100073-17



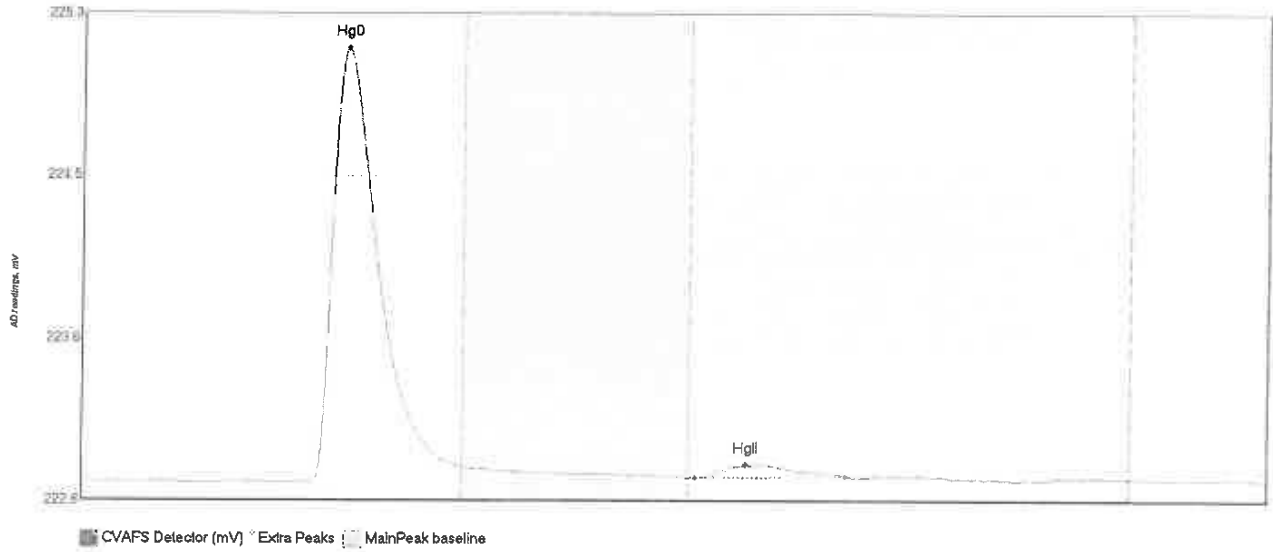
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RIDev	RIShift	Comment
Hg0	157.566	47.8	80.0	222.85	222.90	54.9	1.539	CT	222.8471	0.00	0.02	F009424
MHg	10.856	81.3	105.2	222.91	222.90	87.9	0.095	OK	222.8471	0.00	0.02	F009424
HgII	168.953	127.5	183.0	222.87	222.88	139.4	0.948	OK	222.8471	0.00	0.02	F009424

#125: 0100073-20



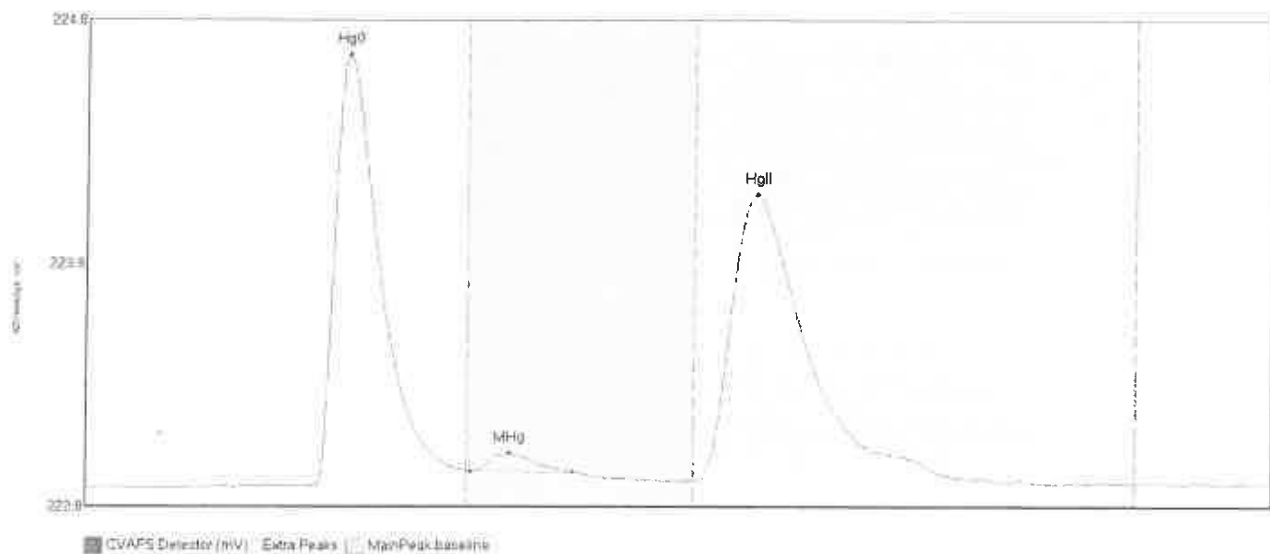
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-20 Hg0	162.781	38.0	60.0	222.85	222.92	55.0	1.535	CT	222.8465	0.00	0.03	F009424
0100073-20 MRg	15.331	81.5	104.0	222.92	222.92	87.9	0.144	OK	222.8465	0.00	0.03	F009424
0100073-20 HgII	174.271	127.5	170.0	222.94	222.96	137.3	1.097	OK	222.8465	0.00	0.03	F009424

#126: 0100073-21



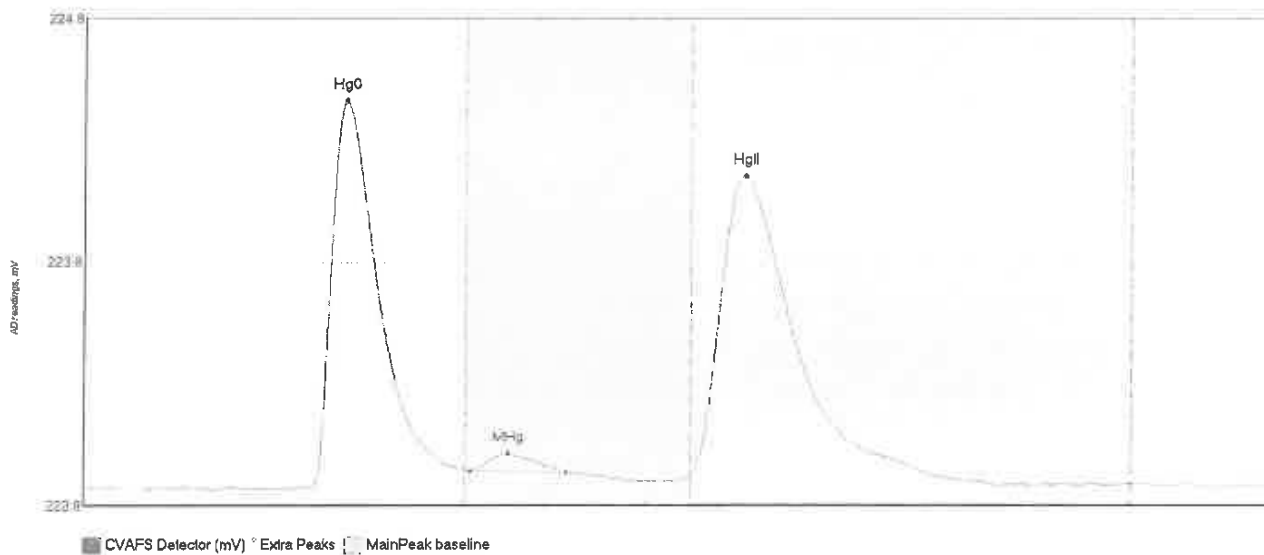
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BShift	Comment
0100073-21 Hg0	249.586	40.0	80.0	222.86	222.93	55.4	2.303	CT	222.8646	0.00	F009424
0100073-21 HgII	10.318	128.9	160.3	222.89	222.89	139.5	0.066	OK	222.8646	0.00	F009424

#127: 000073-23



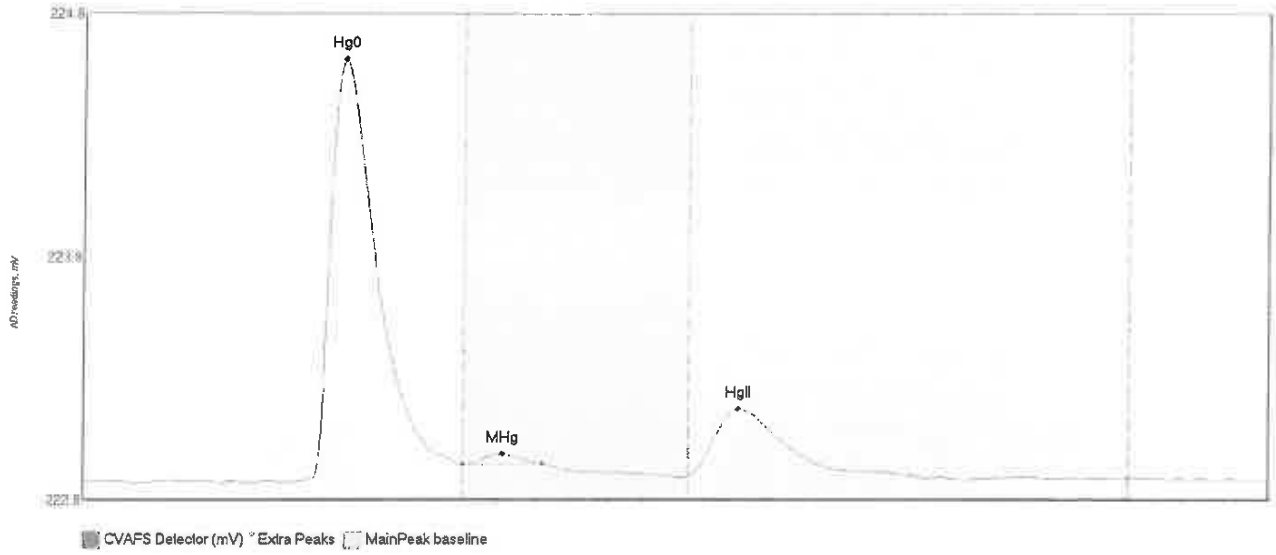
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-23 Hg0	191.557	17.9	80.0	222.86	222.93	55.0	1.827	CT	222.8553	0.00	0.02	F009424
0100073-23 MHg	8.112	80.9	102.1	222.93	222.93	88.8	0.077	OK	222.8553	0.00	0.02	F009424
0100073-23 HgII	219.191	127.6	185.6	222.89	222.90	140.4	1.206	OK	222.8553	0.00	0.02	F009424

#128: 0100073-24



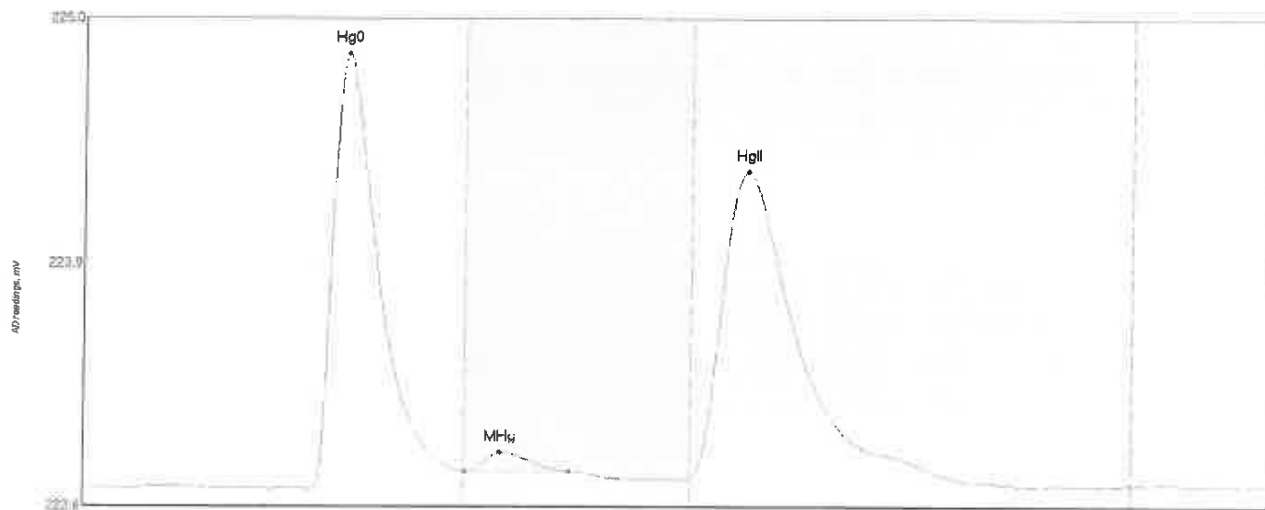
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Height	Area	Height	Area	Height
171.996	47.5	80.0	222.87	222.94	55.2	1.591	CT	222.87	2.02	2.02	100000	100000
7.954	81.1	101.2	222.94	222.94	89.0	0.070	OK	222.94	0.08	0.08	100000	100000
217.520	127.5	162.0	222.92	222.91	138.7	1.234	OK	222.92	0.99	0.99	100000	100000

#129: 0100076-01



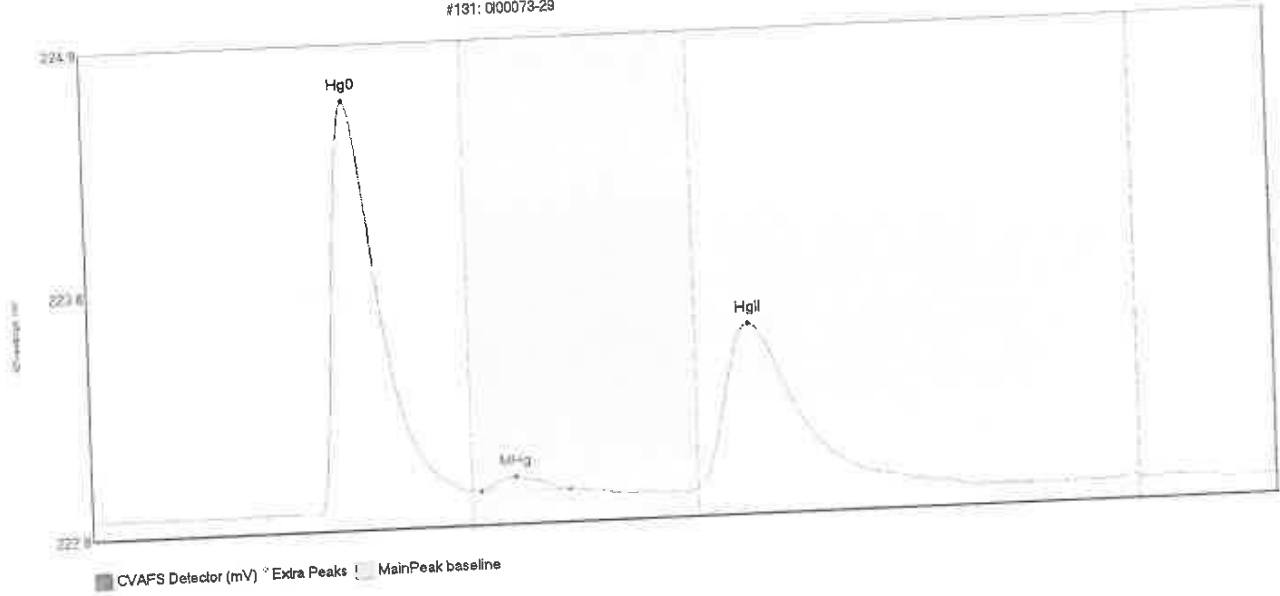
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	CONV
Hg0 188.561	45.0	80.0	222.87	222.94	55.1	1.736	CT	222.8754	0.00	0.01	1509424
MHg 3.759	80.0	96.6	222.94	222.95	88.3	0.046	OK	222.8754	0.00	0.01	1509424
HgII 43.767	127.5	172.1	222.90	222.95	137.7	0.275	OK	222.8754	0.00	0.01	1509424

#130: 0100073-26



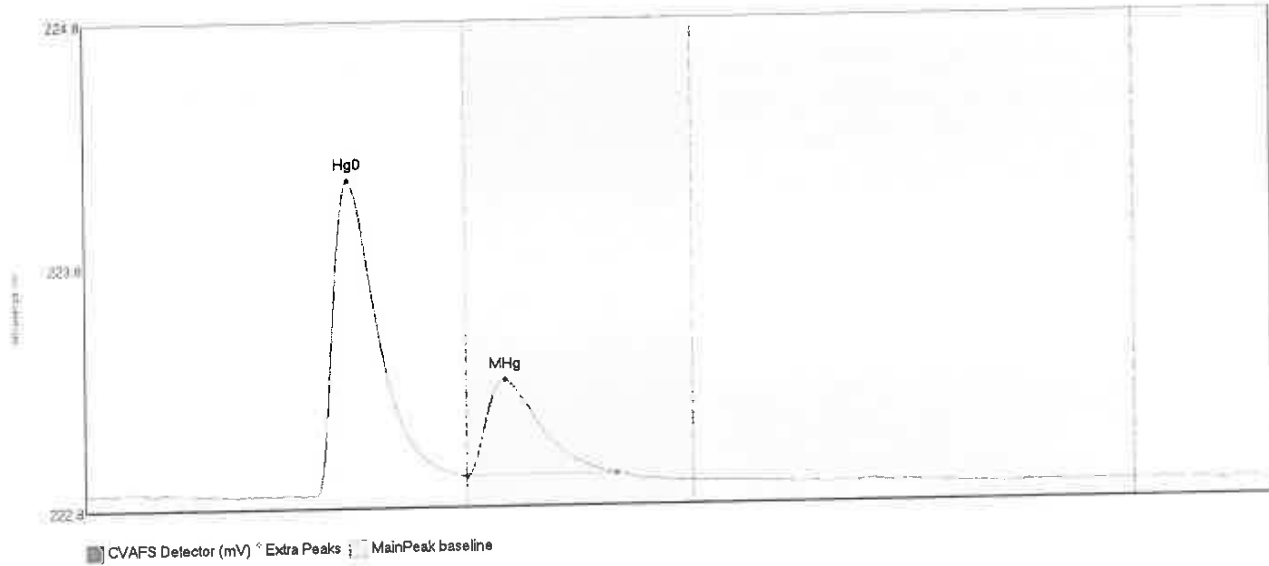
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-26 Hg0	210.822	47.7	80.0	222.87	222.95	55.1	1.944	CT	222.87	0.00	1.94	F009424
0100073-26 MHg	9.431	80.4	102.0	222.95	222.95	87.6	0.089	OK	222.95	0.00	0.09	F009424
0100073-26 HgII	247.486	127.5	184.9	222.92	222.90	139.1	1.369	OK	222.92	0.00	1.37	F009424

#131: 0100073-29



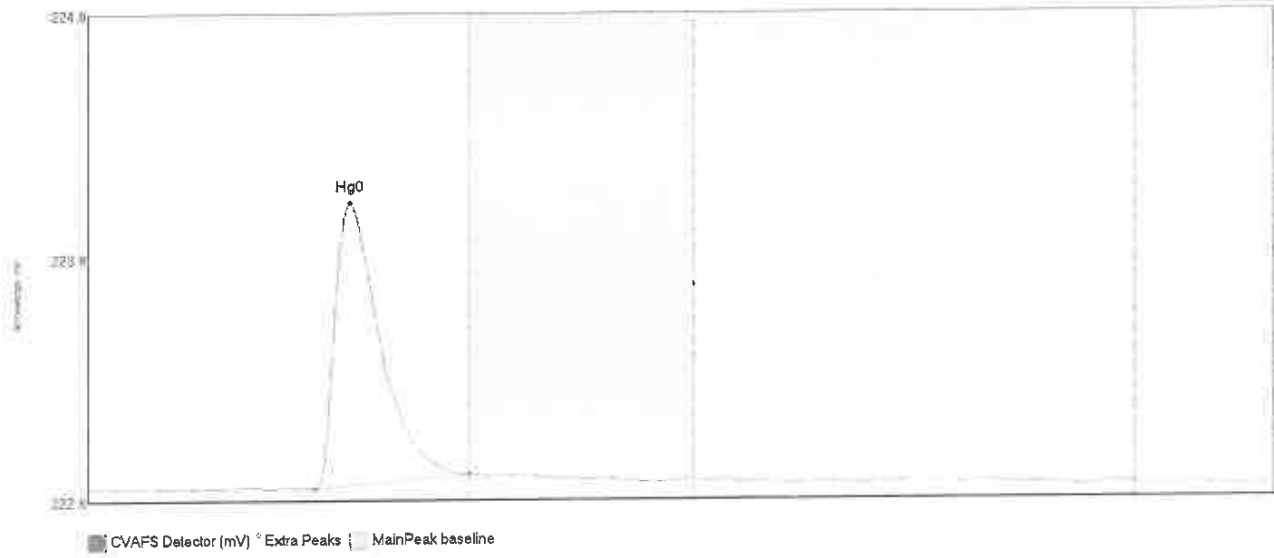
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Comment
0100073-29 Hg0	183.811	47.6	80.0	222.88	222.95	55.1	1.697	CT	222.8789	3.28	2.88	F009424
0100073-29 MHg	6.102	81.9	100.4	222.95	222.94	69.2	0.054	OK	222.8789	1.70	0.05	F009424
0100073-29 HgII	110.608	127.5	172.6	222.93	222.93	138.6	0.667	OK	222.8789	4.90	1.00	F009424

#182: SEQ-CCVB



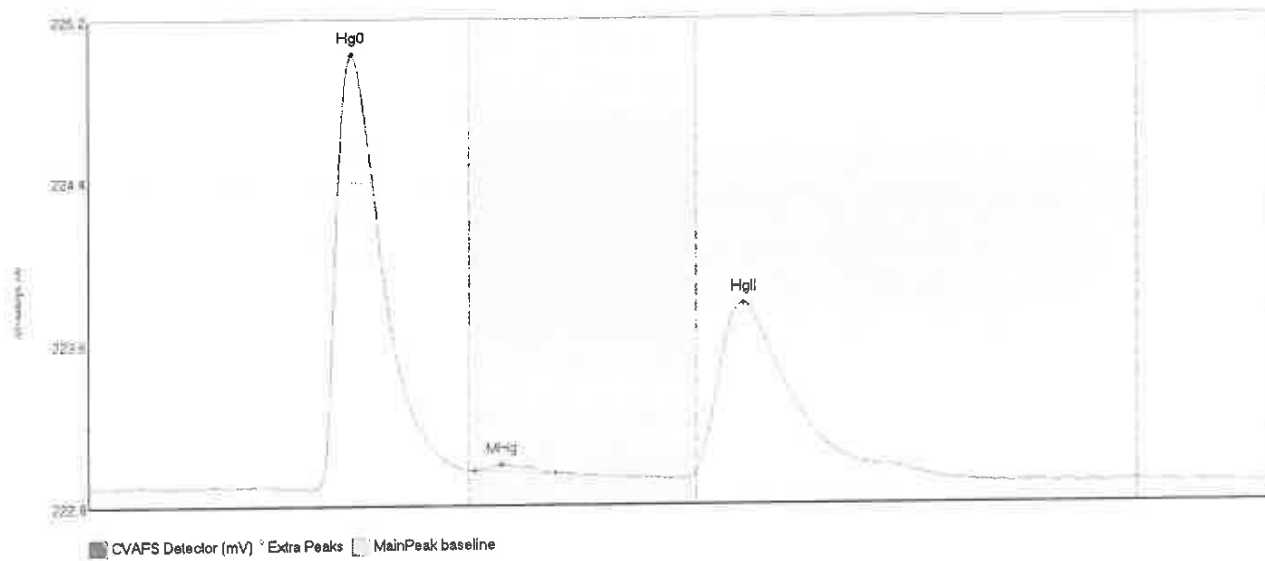
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BShift
Hg0 138.444	47.9	78.6	222.88	222.95	55.1	1.290	OK	222.8873	0.00
MHg 50.781	80.0	111.4	222.95	222.95	88.1	0.391	OK	222.8873	0.00

#138: SEQ-CCBB



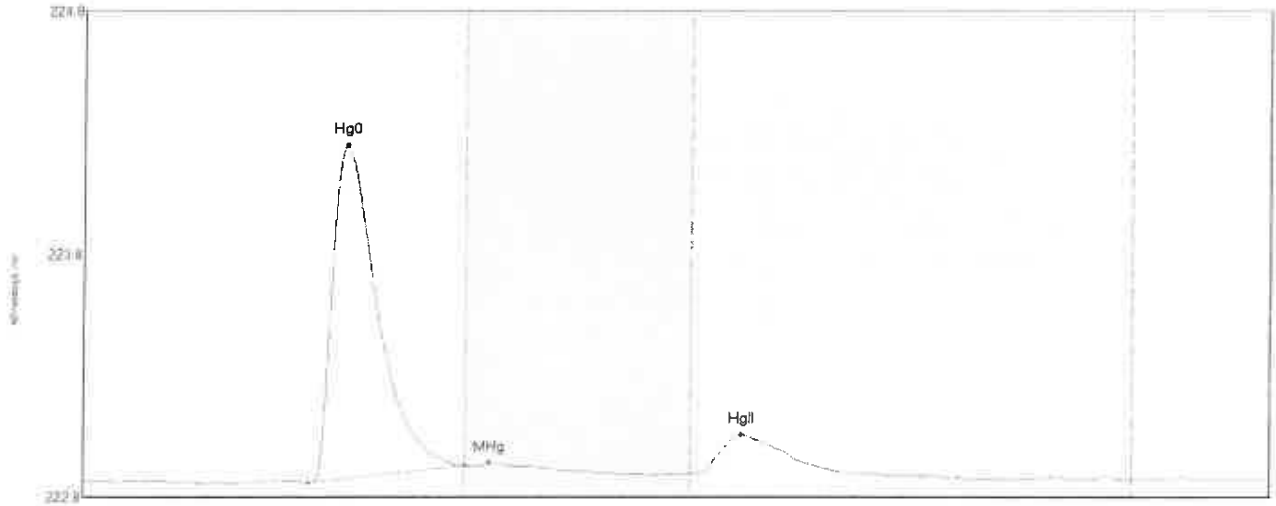
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBB	125.437	47.9	80.0	222.87	222.93	55.2	1.174	CT	222.8745	0.00	0.00	

#134: 0100073-30



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	Shift	Comment
0100073-30 Hg0	238.832	47.1	80.0	222.86	222.95	55.2	2.180	CT	222.8699	0.00	0.01	F009425
0100073-30 MHg	3.397	81.3	97.9	222.95	222.93	36.8	0.030	OK	222.8699	0.00	0.01	F009425
0100073-30 HgII	129.515	127.5	165.6	222.95	222.97	137.3	0.834	OK	222.8699	0.00	0.01	F009425

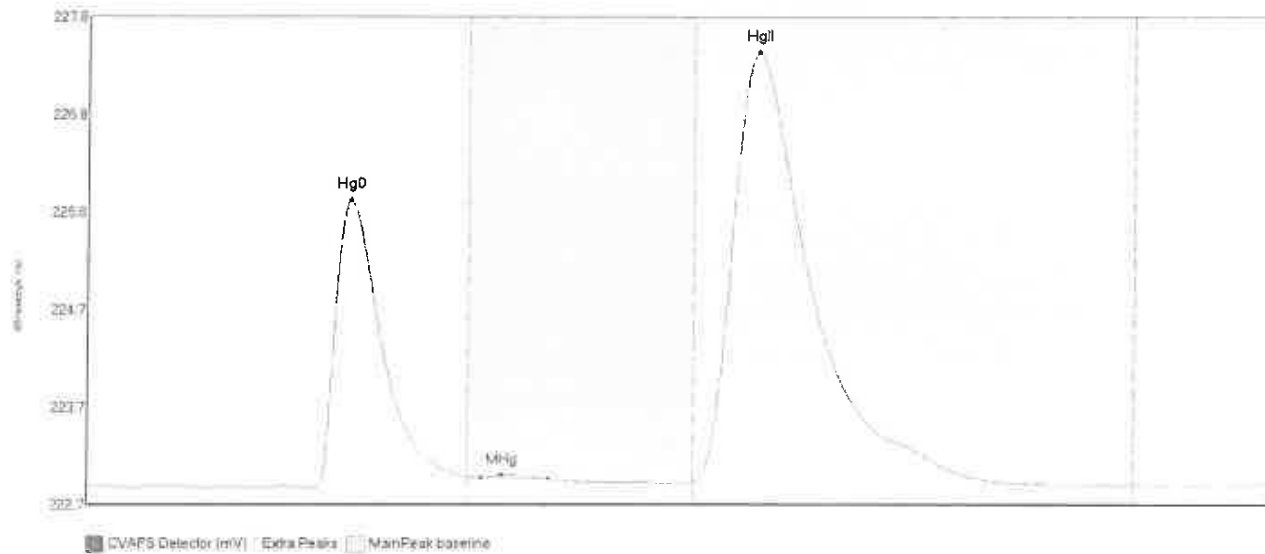
#135: 0100073-32



CVAFS Detector (mV) * Extra Peaks MainPeak baseline

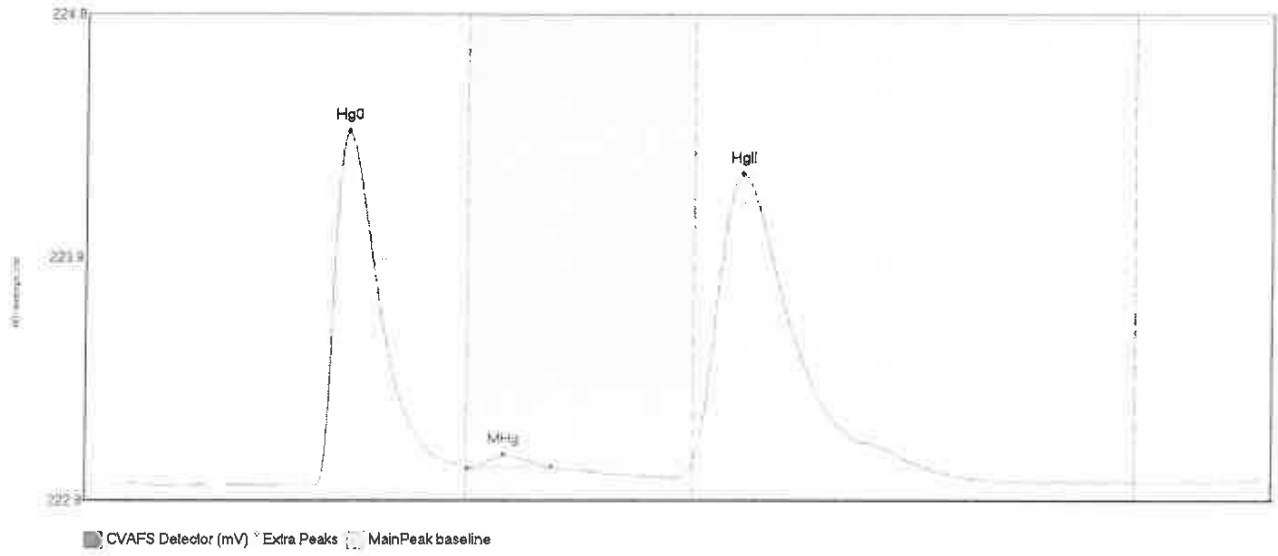
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-32 Hg0	149.839	47.3	80.0	222.87	222.94	55.2	1.389	CT	222.8763	0.00	0.01	F009425
0100073-32 MHg	0.503	82.7	89.8	222.94	222.94	85.2	0.012	OK	222.8763	0.00	0.01	F009425
0100073-32 HgII	25.271	127.8	165.8	222.90	222.91	131.9	0.165	OK	222.3763	0.00	0.01	F009425

#186: 0100073-33



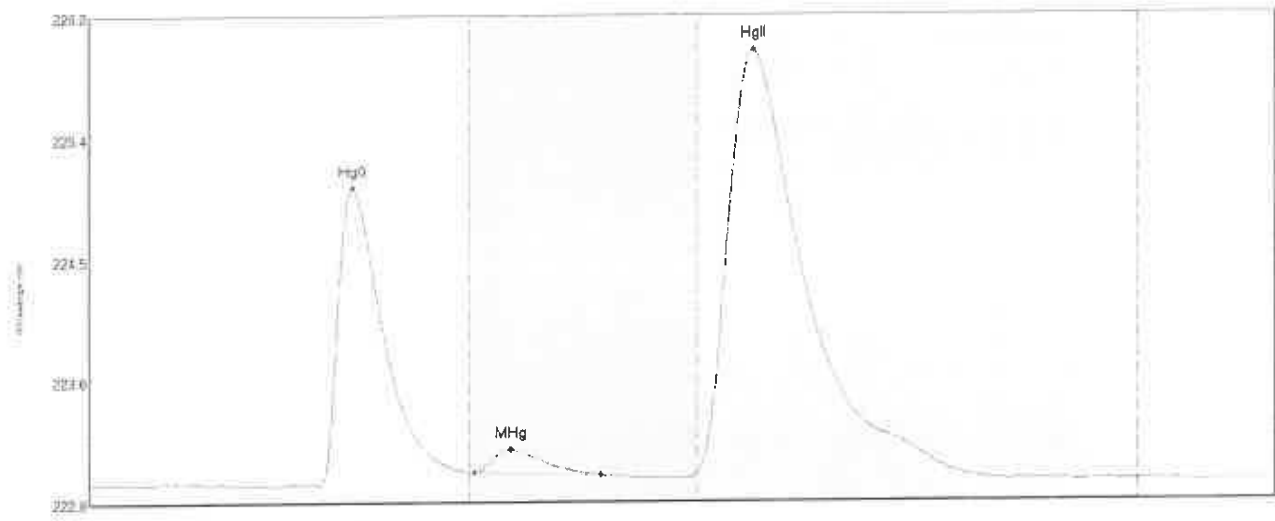
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	l1dev	l1Shift	Comment
0100073-33 Hg0	326.173	47.2	80.0	222.88	222.98	55.4	3.015	CT	222.8935	0.00	0.02	F009425
0100073-33 MHg	2.736	82.9	96.9	222.97	222.96	87.2	0.024	OK	222.8935	0.00	0.02	F009425
0100073-33 HgII	857.256	127.5	191.8	222.93	222.92	140.9	4.514	OK	222.8935	0.00	0.02	F009425

#137: 0100073-35



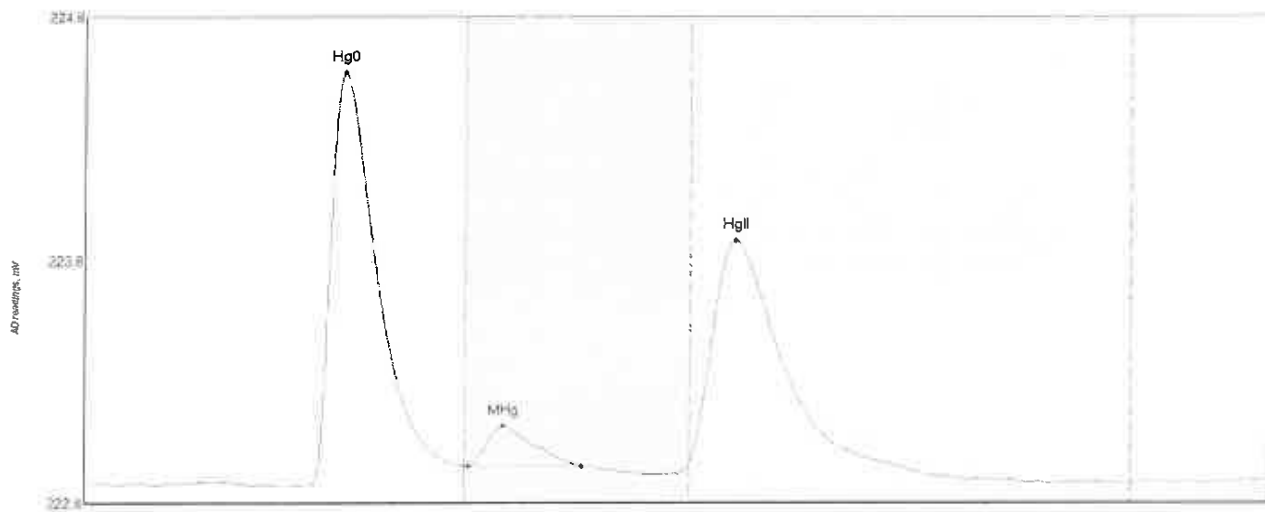
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-35 Hg0	157.232	48.1	80.0	222.89	222.95	55.2	1.449	CT	222.8875	0.00	0.01	F009425
0100073-35 MHg	4.617	80.4	97.6	222.95	222.96	87.7	0.057	OK	222.8875	0.00	0.01	F009425
0100073-35 HgII	209.929	127.5	178.6	222.98	222.94	137.7	1.187	OK	222.8875	0.00	0.01	F009425

#138: 000073-38



Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Method	Comment	
MHg27001-201001-1*	Hg0	228.799	48.1	79.7	222.90	222.90	55.3	2.123	OK	222.8963	0.00	000073-38	000073-38
MHg27001-201001-1*	MHg	20.613	81.0	107.4	222.98	222.96	88.6	0.165	OK	222.8963	0.00	000073-38	000073-38
MHg27001-201001-1*	Hg11	565.282	127.5	187.9	222.96	222.93	139.2	3.036	OK	222.8963	0.00	000073-38	000073-38

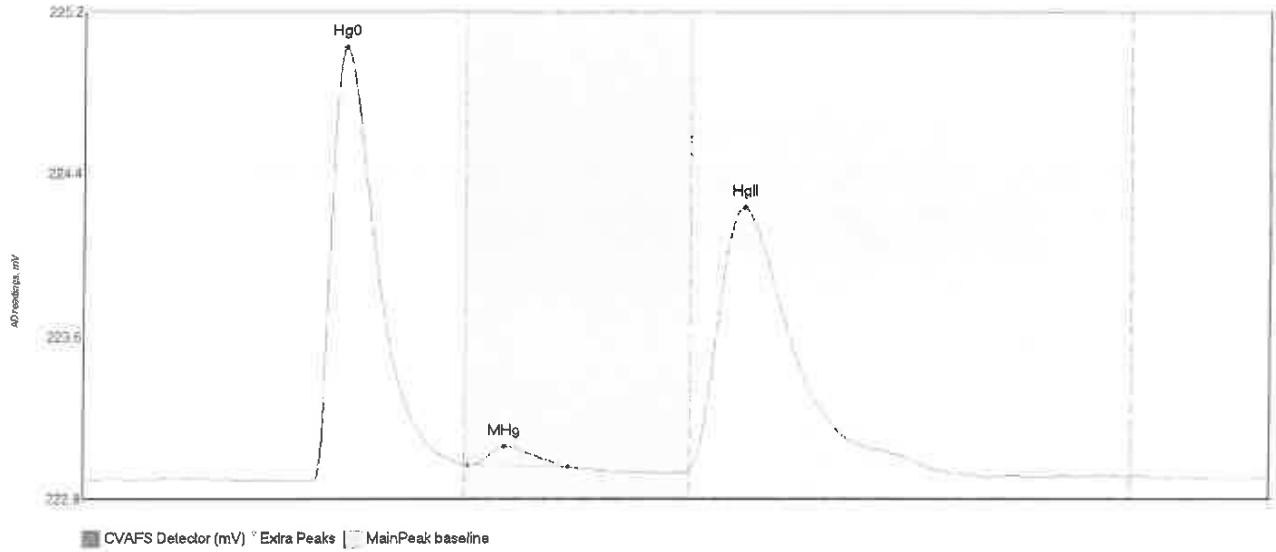
#139: 0100073-39



CVAFS Detector (mV) Extra Peaks MainPeak baseline

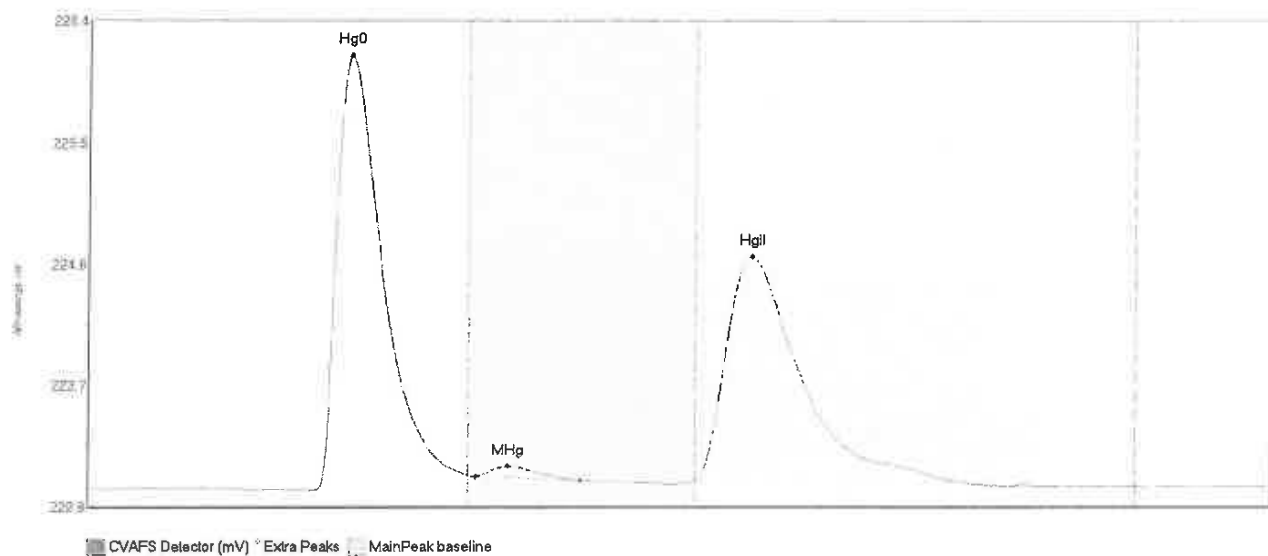
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-39 Hg0	182.591	47.7	80.0	222.89	222.97	54.9	1.696	CT	222.8975	0.00	0.02	F009425
0100073-39 MHg	18.451	80.7	104.6	222.97	222.97	88.1	0.166	OK	222.8975	0.00	0.02	F009425
0100073-39 HgII	136.455	127.5	163.8	222.99	223.01	136.7	0.908	OK	222.8975	0.00	0.02	F009425

#140: 0100073-40



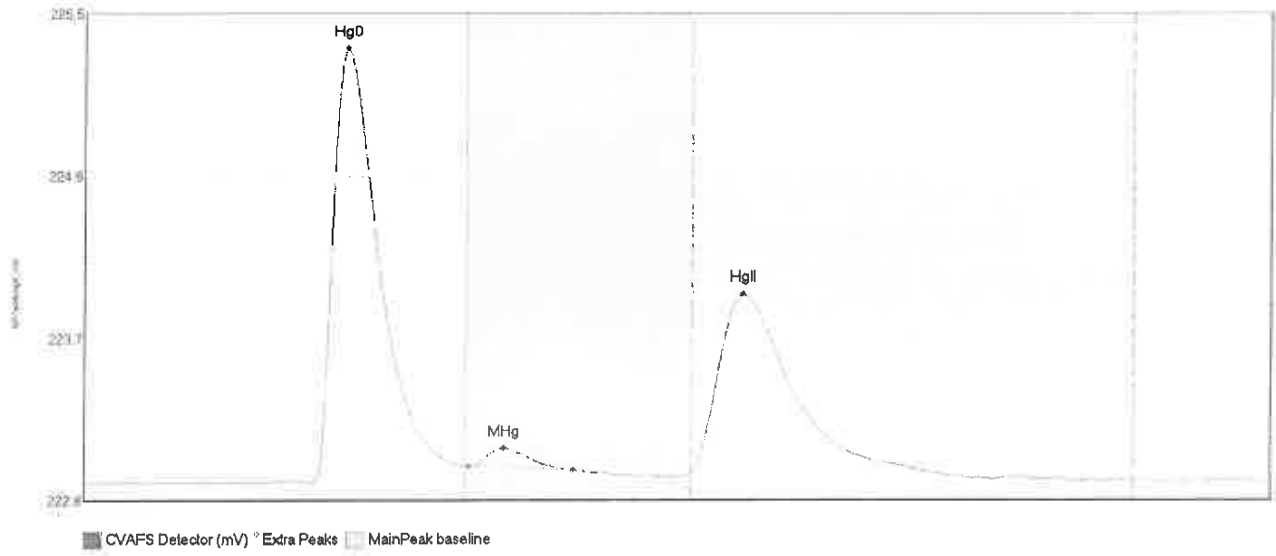
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-40 Hg0	231.414	48.2	80.0	222.89	222.97	55.1	2.142	CT	222.8991	0.00	0.01	F009425
0100073-40 MHg	10.543	80.7	101.5	222.97	222.97	88.2	0.099	OK	222.8991	0.00	0.01	F009425
0100073-40 HgII	233.537	127.5	182.4	222.95	222.93	138.7	1.291	OK	222.8991	0.00	0.01	F009425

#141: 0100073-41



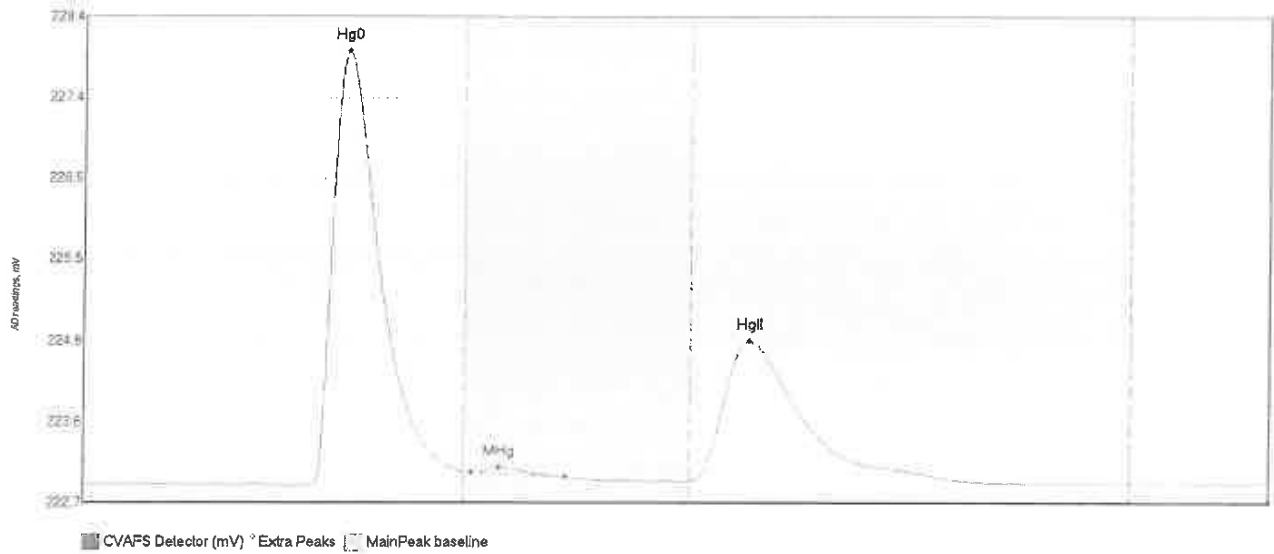
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-41 Hg0	353.014	45.9	80.0	222.89	223.00	55.3	3.225	CT	222.89mV	0.00	0.01	F009425
0100073-41 MHg	9.514	81.6	103.6	222.94	222.96	88.3	0.074	OK	222.94mV	0.00	0.01	F009425
0100073-41 HgII	306.810	127.5	186.1	222.96	222.93	139.1	1.664	OK	222.93mV	0.00	0.01	F009425

#142: 0100073-43



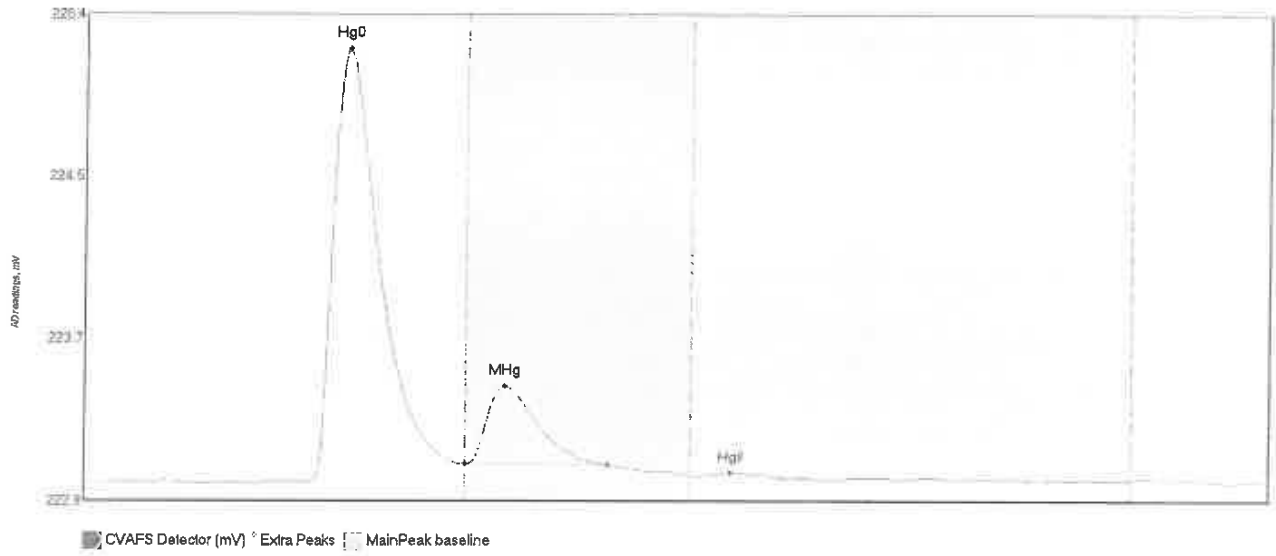
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-43 Hg0	265.083	47.1	80.0	222.90	222.99	55.1	2.444	CT	222.8959	0.00	0.01	F009425
0100073-43 MHg	11.200	80.8	102.5	222.99	222.97	88.1	0.108	OK	222.8959	0.00	0.01	F009425
0100073-43 HgII	173.366	127.5	176.8	222.96	222.96	138.0	1.004	OK	222.8959	0.00	0.01	F009425

#143: 0100073-44

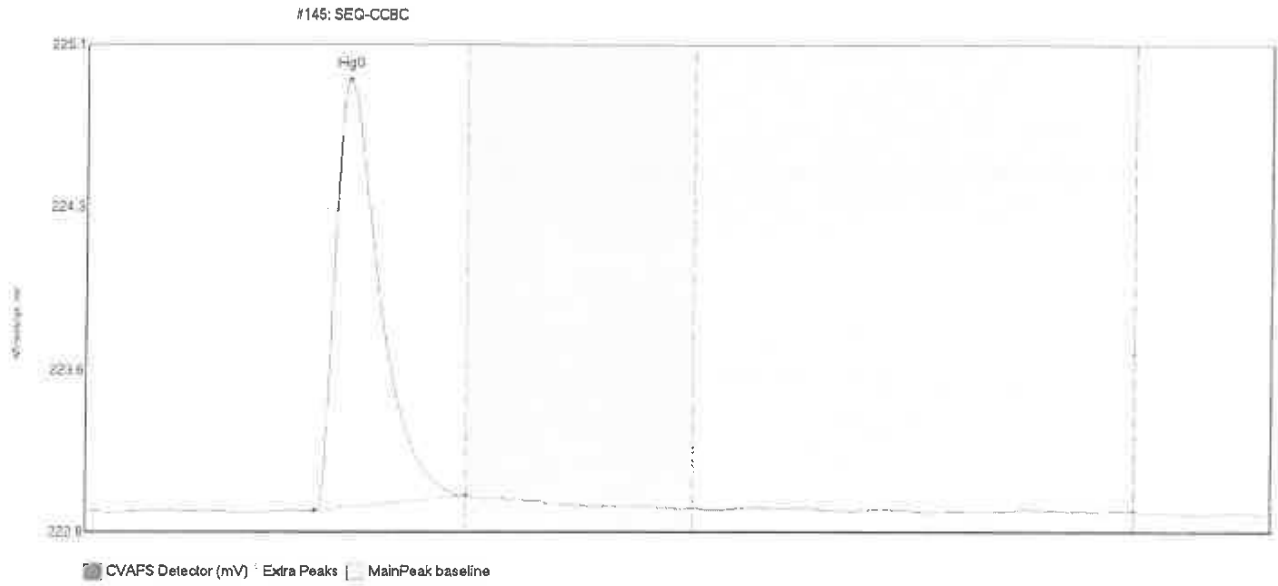


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
01CJ073-44 Hg0	560.171	47.7	80.0	222.89	223.06	55.4	5.058	CT	222.9112	0.00	0.01	F009425
0100073-44 MHg	7.466	81.6	101.4	223.04	222.99	87.5	0.062	OK	222.9112	0.00	0.01	F009425
0100073-44 HgII	299.369	127.5	184.8	222.95	222.95	139.7	1.625	OK	222.9112	0.00	0.01	F009425

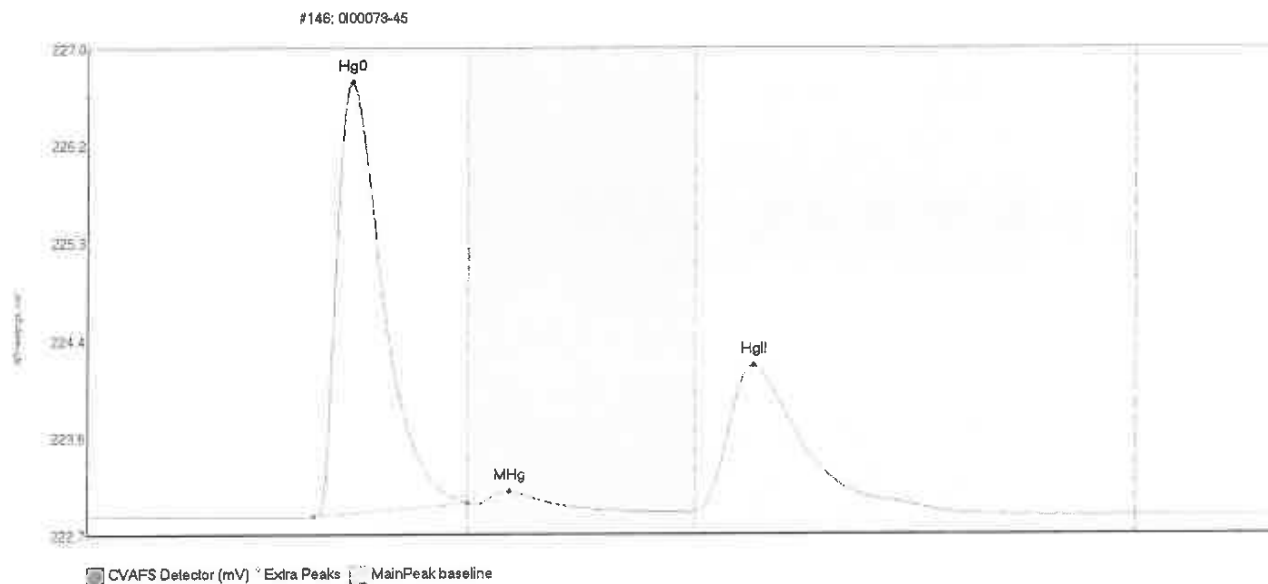
#144: SEQ-CCVC



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CCVC Hg0	251.403	47.4	80.0	222.91	223.00	55.5	2.325	CT	222.9068	0.00	0.00	
SEQ-CCVC MHg	50.511	80.0	110.0	223.01	223.08	88.0	0.411	OK	222.9068	0.00	0.00	
SEQ-CCVC HgII	1.163	128.9	141.7	222.94	222.94	135.9	0.019	OK	222.9068	0.00	0.00	

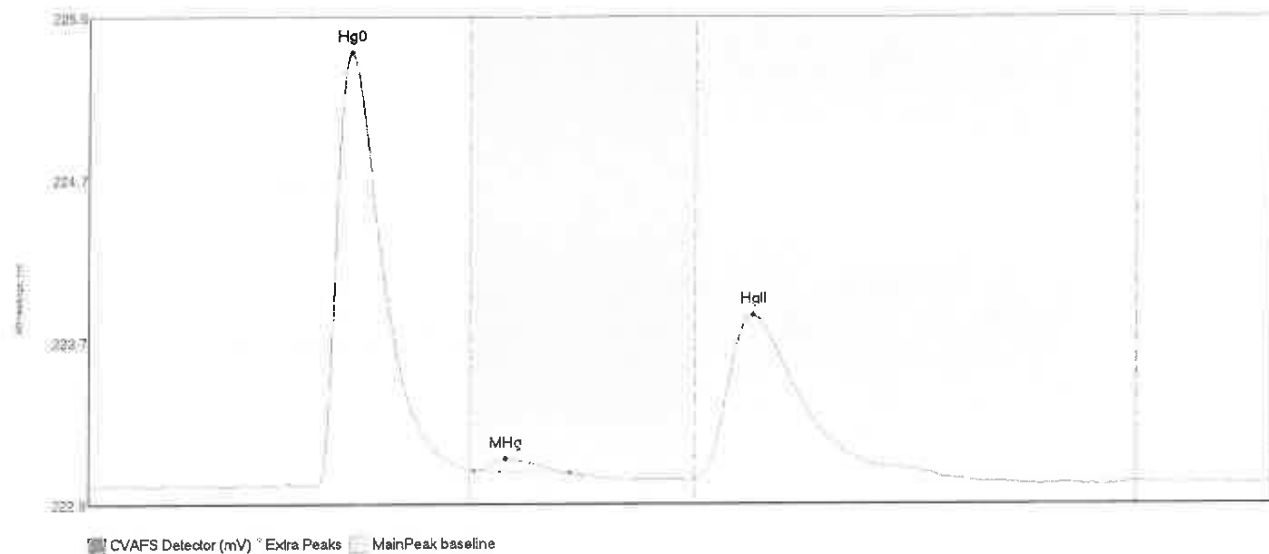


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
SEQ-CCBC	217.493	48.0	80.0	222.91	222.98	55.2	2.006	CT	222.9018	0.00	-0.01	



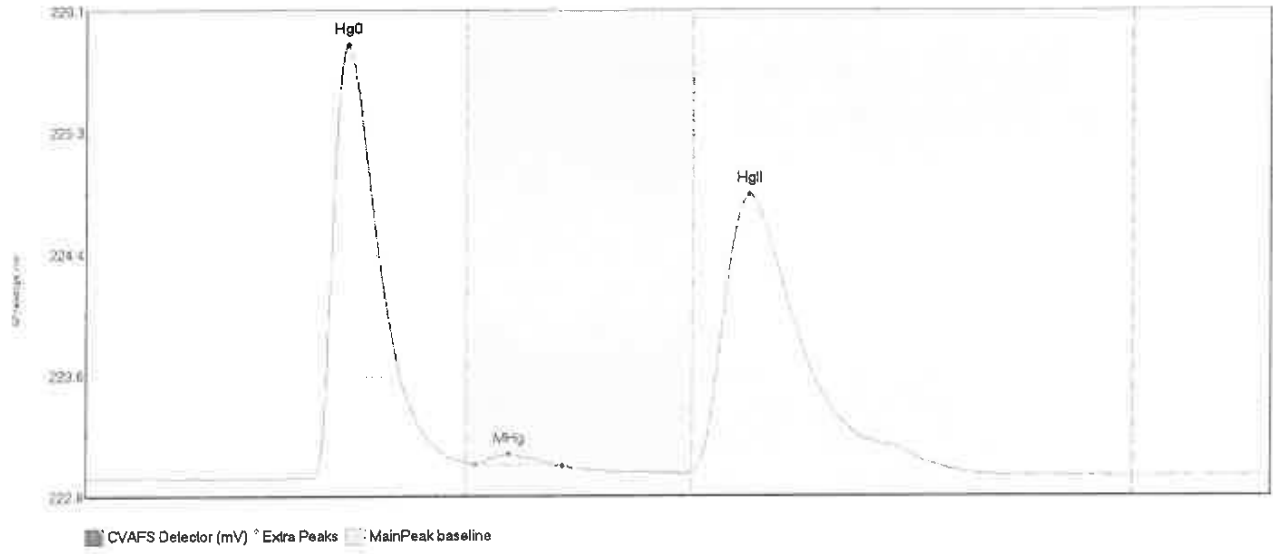
Peak	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	421.340	47.7	80.0	222.85	223.01	55.5	3.821	CT	222.8996	0.00	-0.01	F009425
MHg	11.398	81.9	100.8	223.00	222.99	88.9	0.111	OK	222.8996	0.00	-0.01	F009425
HgII	234.289	127.5	183.4	222.94	222.92	139.7	1.296	OK	222.8996	0.00	-0.01	F009425

#147: 0100073-51



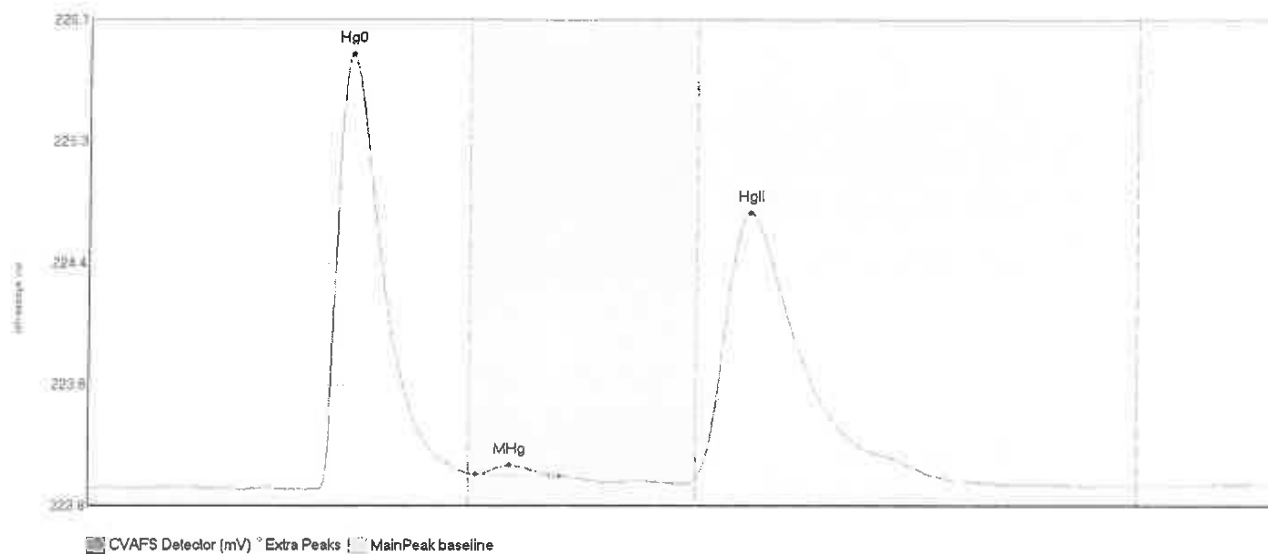
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
0100073-51	Hg0	274.339	36.8	80.0	222.89	222.91	55.2	2.548	CT	222.8132	0.00	0.02	F009425
0100073-51	MHg	7.878	80.9	100.9	222.98	222.96	87.5	0.070	OK	222.8832	0.00	0.02	F009425
0100073-51	HgII	169.622	127.5	182.3	222.93	222.93	139.4	0.964	OK	222.8132	0.00	0.02	F009425

#148: 0100073-52



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-52 Hg0	321.869	47.1	80.0	222.90	223.00	55.2	2.975	CT	222.8904	0.00	0.02	F009425
0100073-52 MHg	7.170	81.9	100.1	222.99	222.98	89.0	0.071	OK	222.8904	0.00	0.02	F009425
0100073-52 HgII	361.798	127.5	185.3	222.93	222.93	139.5	1.907	OK	222.8904	0.00	0.02	F009425

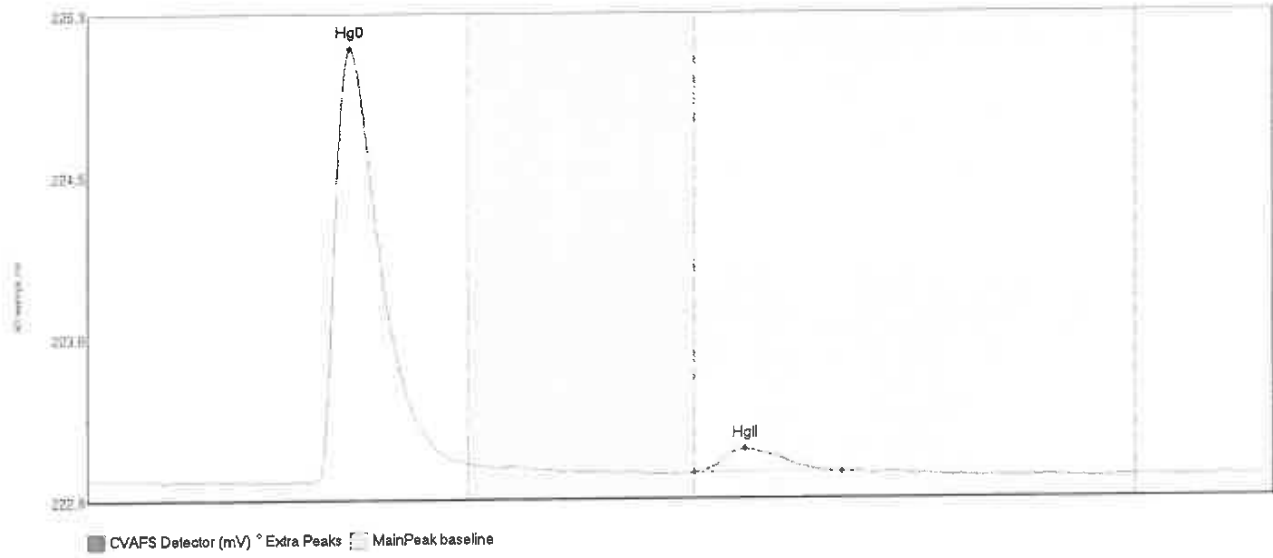
#149: 0100073-53



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
0100073-53 Hg0	317.860	48.1	80.0	222.91	223.01	55.2	2.932	CT	222.9049	0.00	0.01
0100073-53 MHg	6.268	81.4	98.8	223.00	222.98	88.4	0.061	OK	222.9049	0.00	0.01
0100073-53 HgII	326.472	127.5	182.6	222.98	222.95	138.6	1.798	OK	222.9049	0.00	0.01

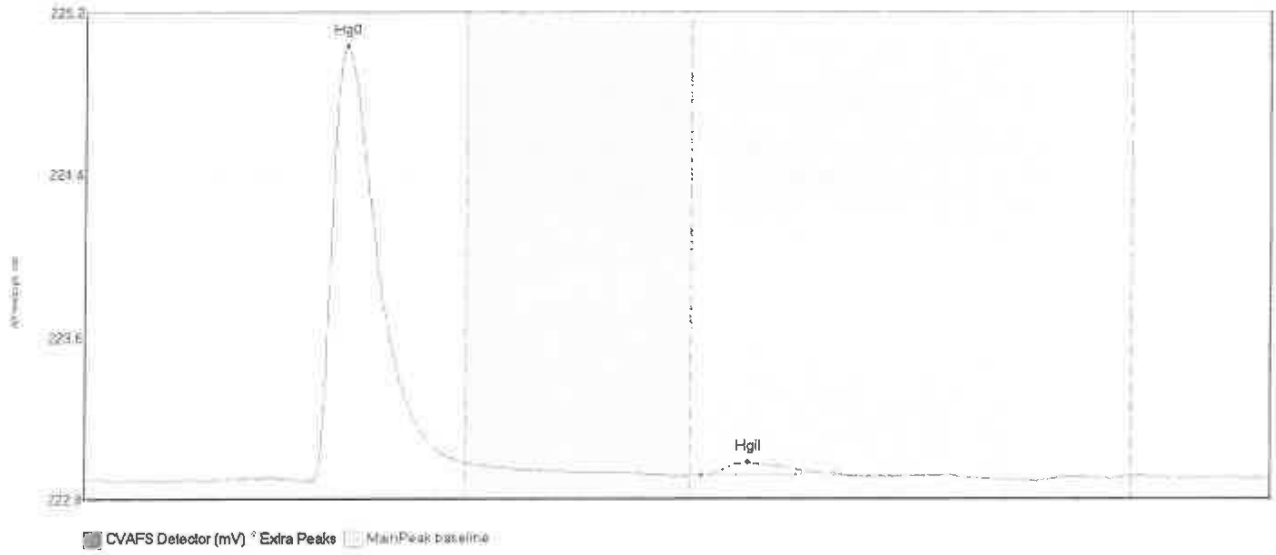


#150: F009425-BLK1



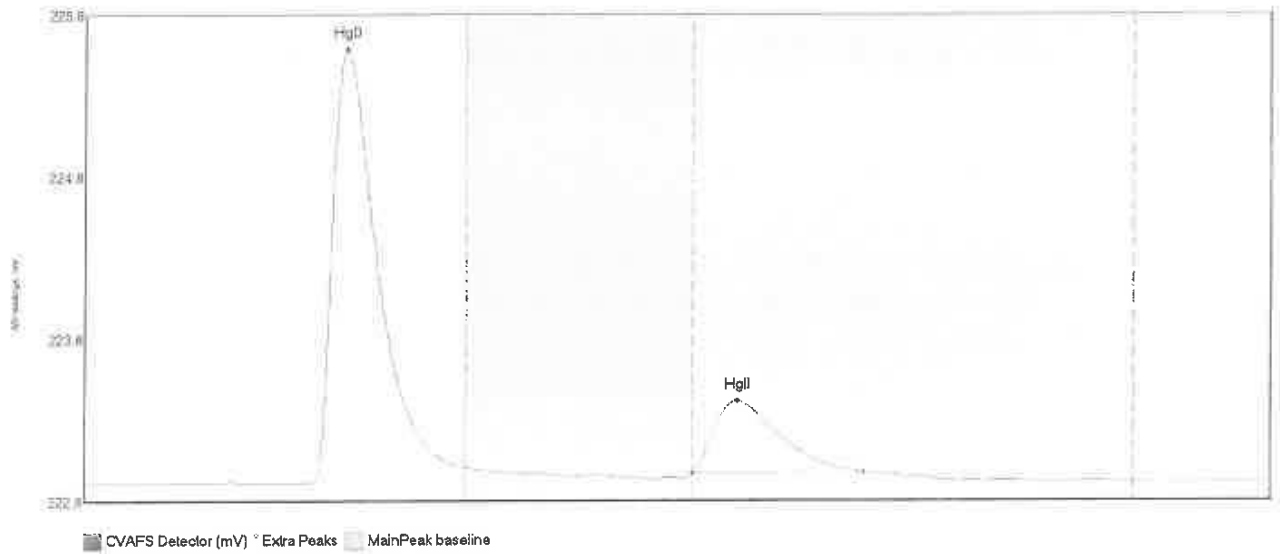
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Shift	BShift	Comment
F009425-BLK1 Hg	237.606	47.5	80.0	222.90	223.00	55.1	2.206	CT	222.9118	0.01	0.01	F009425
F009425-BLK1 Hg	16.800	127.5	158.2	222.94	222.94	137.9	0.119	OK	222.9118	0.01	0.01	F009425

#151: F009427-BLK2



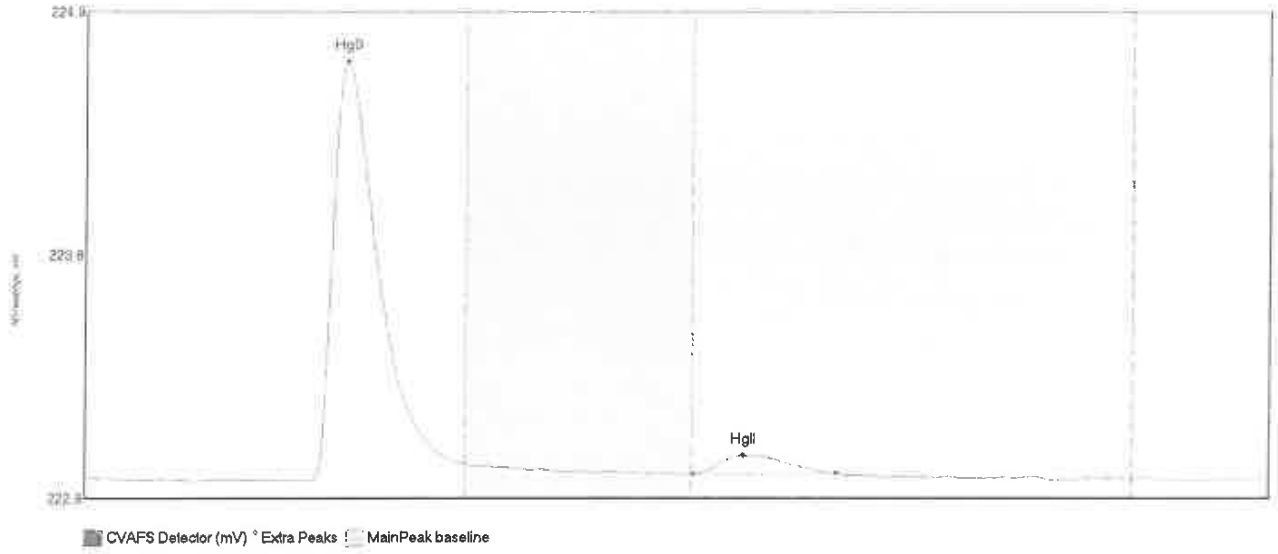
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009427-BLK2	Hg 224.060	47.4	80.0	222.91	222.99	55.2	2.079	CT	222.9171	0.00	0.00	F009427
F009427-BLK2	Hg 8.451	129.7	157.3	222.93	222.94	139.5	0.065	OK	222.9171	0.00	0.00	F009427

#152: F009427-BLK3



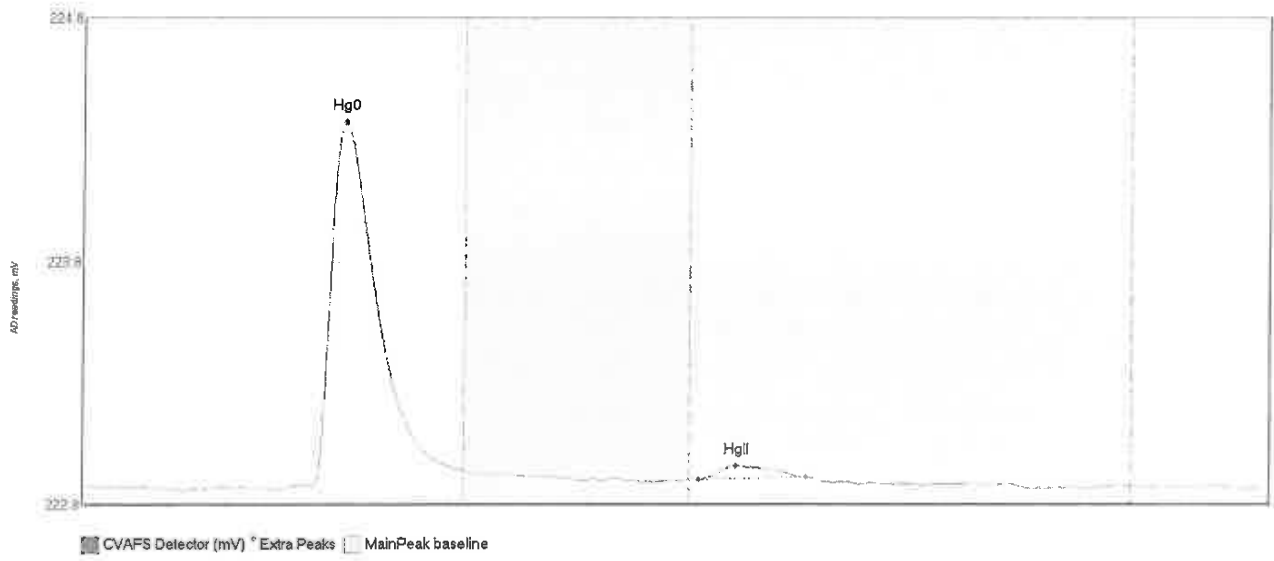
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flag	Baseline	Shift	Comment
F009427-BLK3 Hg	292.679	47.6	80.0	222.92	223.01	55.1	2.714	CT	222.9122	0.01	F009427
F009127-BLK3 Hg	72.941	127.5	163.6	222.97	222.98	136.9	0.461	OK	222.9122	0.01	F009427

#158: F009428-BLK1



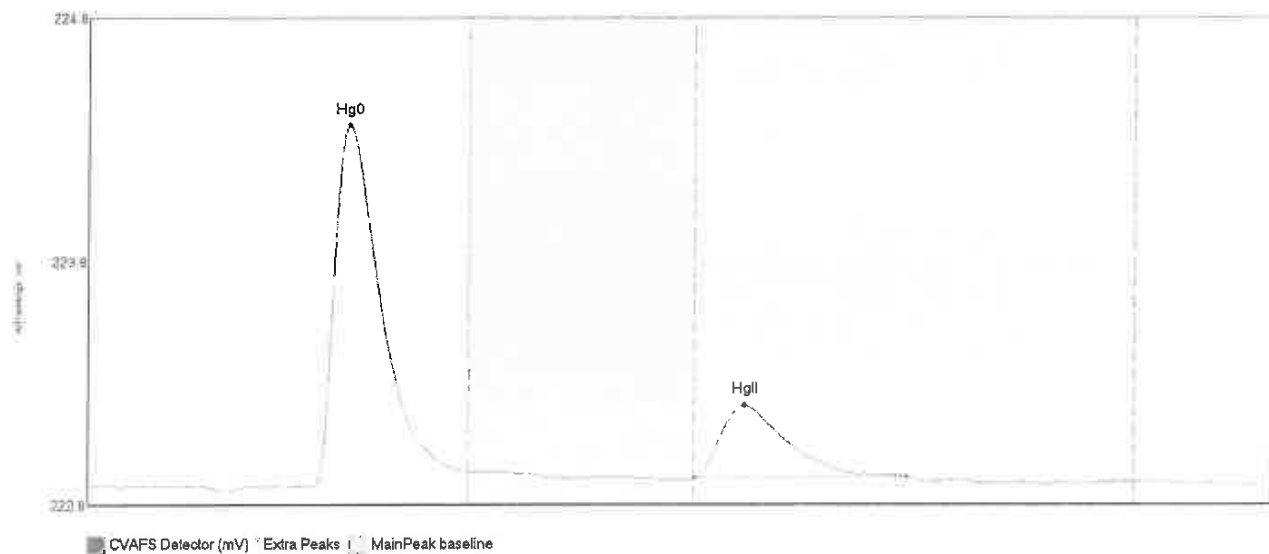
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-BLK1 Hg	185.348	47.3	80.0	222.91	222.99	55.1	1.723	CT	222.9269	0.00	0.00	F009428
F009428-BLK1 Hg	12.404	127.8	157.7	222.94	222.94	138.1	0.080	OK	222.9269	0.00	0.00	F009428

#154: F009428-BLK2



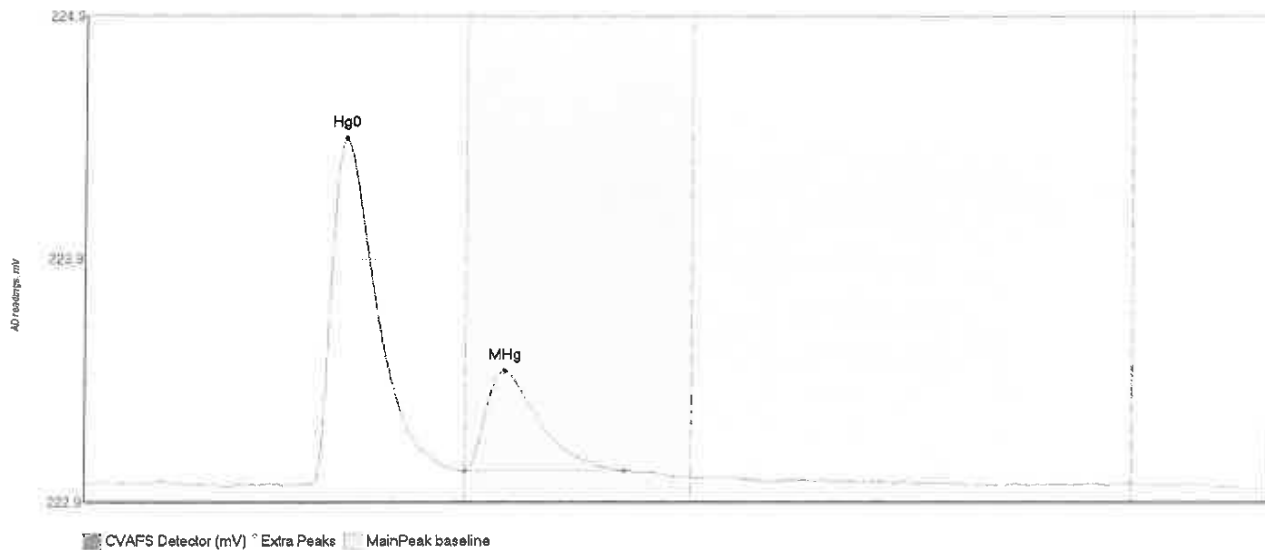
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009428-BLK2 Hg	160.255	48.2	30.0	222.93	222.99	55.1	1.492	CI	222.9224	0.00	0.00	F009428
F009428-BLK2 Hg	6.348	129.5	151.7	222.96	222.96	137.1	0.056	OK	222.9224	0.00	0.00	F009428

#155: F009428-BLK3



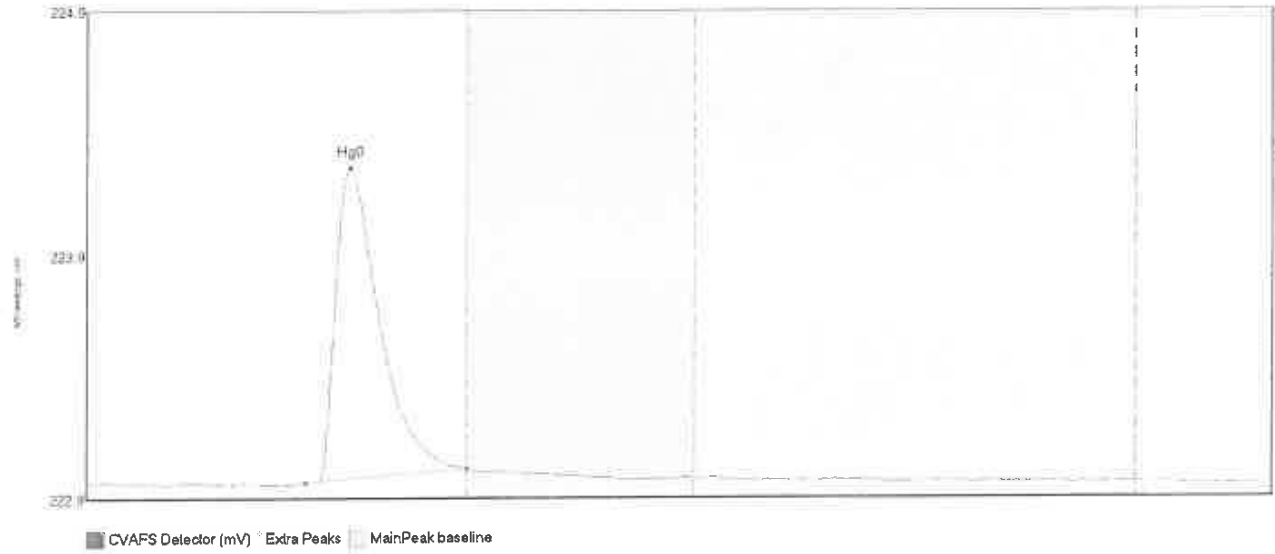
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-BLK3 Hg	159.504	47.7	80.0	222.92	222.98	54.9	1.483	CT	222.9212	0.00	0.01	F009428
F009428-BLK3 Hg	48.173	127.5	172.0	222.96	222.96	138.2	0.301	OK	222.9212	0.00	0.01	F009428

#156: SEQ-CCVD



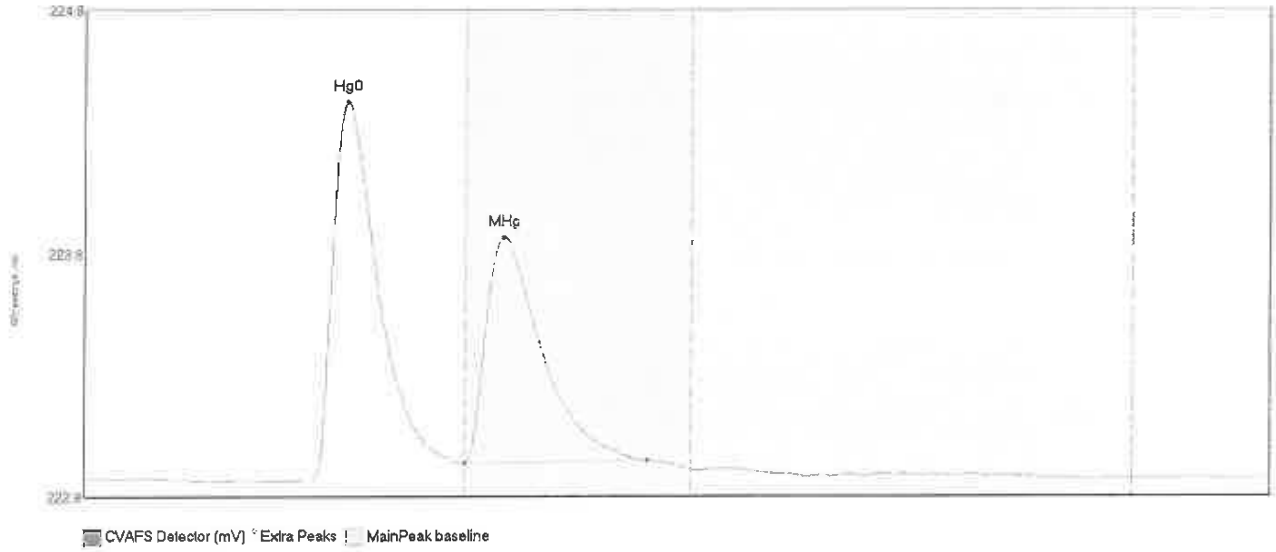
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVD Hg0	152.623	48.2	79.8	222.93	222.98	55.1	1.417	OK	222.9304	0.00	-0.01	
SEQ-CCVD MHg	53.246	80.0	113.3	222.98	222.98	88.1	0.413	OK	222.9304	0.00	-0.01	

#157: SEQ-CCBD



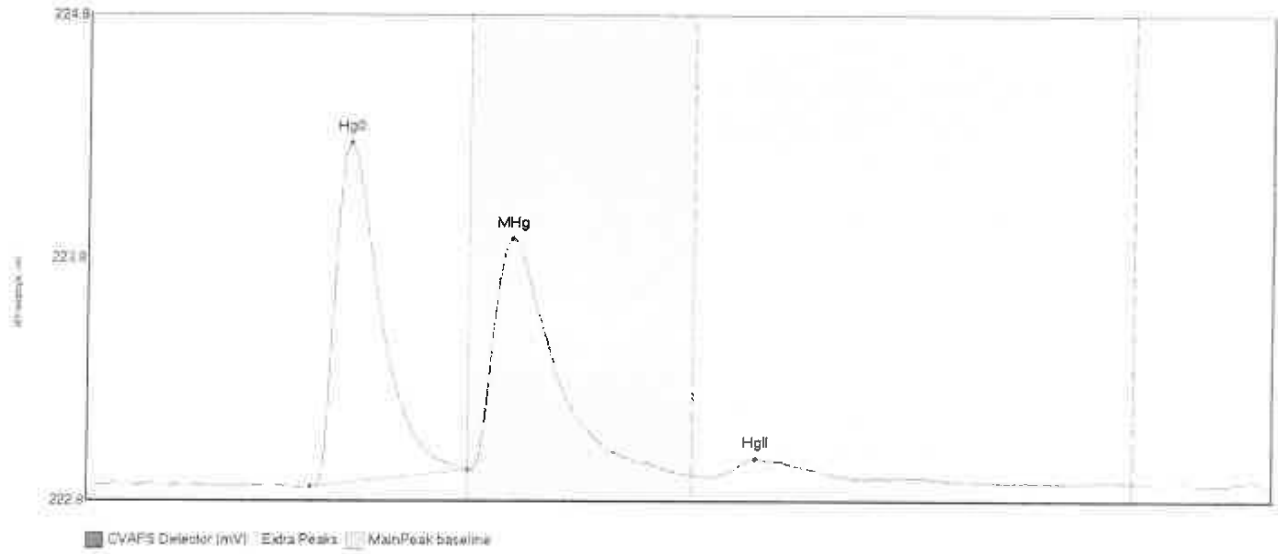
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
SEQ-CCBD	137.857	45.9	80.0	222.92	222.98	55.2	1.292	CT	222.9223	0.00	

#158: F009389-BS1



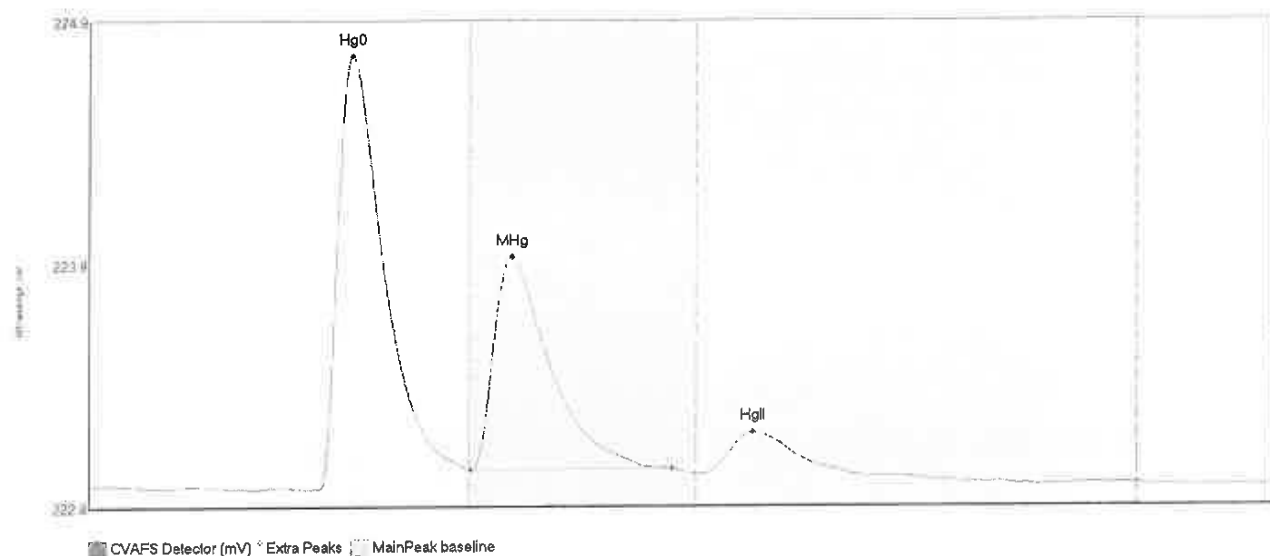
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	Highlight	Comment
F009389-BS1 Hg0	167.630	48.1	75.6	222.92	222.98	55.3	1.550	OK	222.9173	0.00	None	F009389
F009389-BS1 MHg	128.165	80.0	118.4	222.98	222.99	88.1	0.930	OK	222.9173	0.00	None	F009389

#159: F009389-BSD1



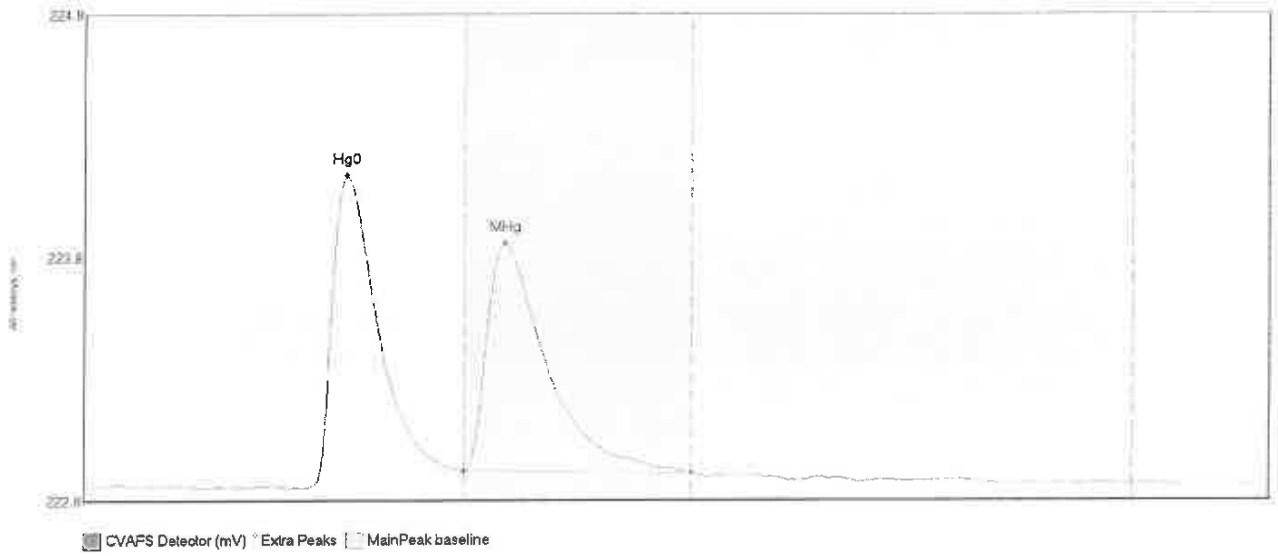
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RiDev	Comment
F009389-BSD1 Hg	152.590	47.1	80.0	222.90	222.97	55.2	1.412	CT	222.9141	0.00	F009389
F009389-BSD1 MH	137.401	80.4	124.2	222.97	222.96	89.1	0.955	OK	222.9141	0.00	F009389
F009389-BSD1 Hg	10.971	131.3	158.1	222.94	222.94	140.6	0.076	OK	222.9141	0.00	F009389

#160: F009443-BS1



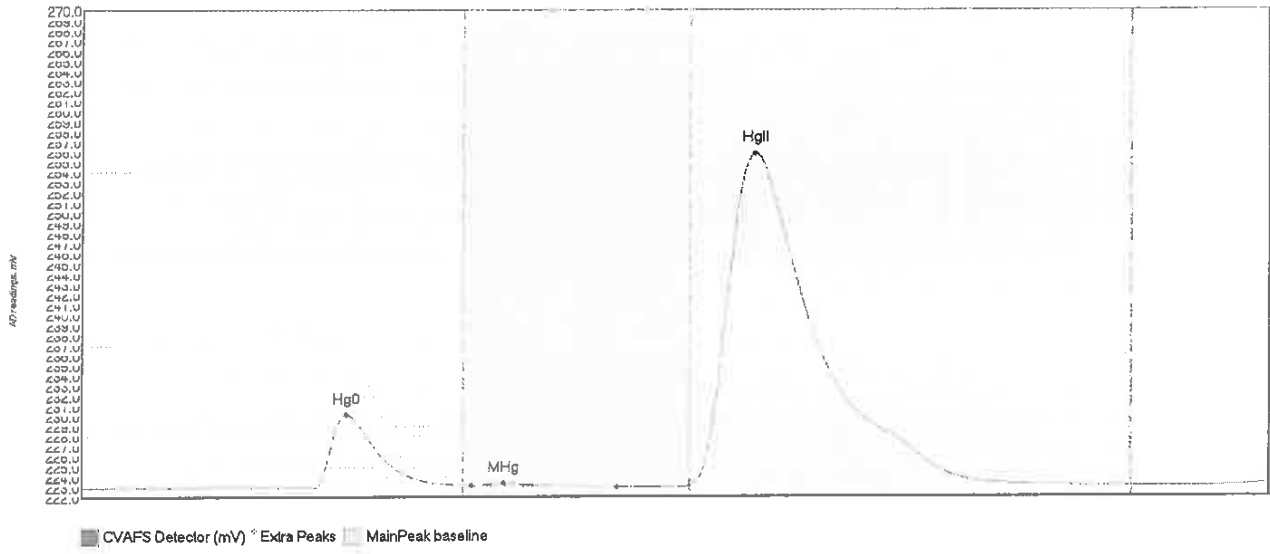
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	R1Shift	Comment
F009443-BS1 Hg0	202.749	48.2	80.0	222.90	222.98	55.5	1.854	CT	222.9118	0.00	F009443
F009443-BS1 MHg	125.562	80.4	122.4	222.97	222.98	88.7	0.916	OK	222.9118	0.00	F009443
F009443-BS1 HgI	26.930	129.4	160.9	222.96	222.95	139.4	0.176	OK	222.9118	0.00	F009443

#161: F009443-BSD1

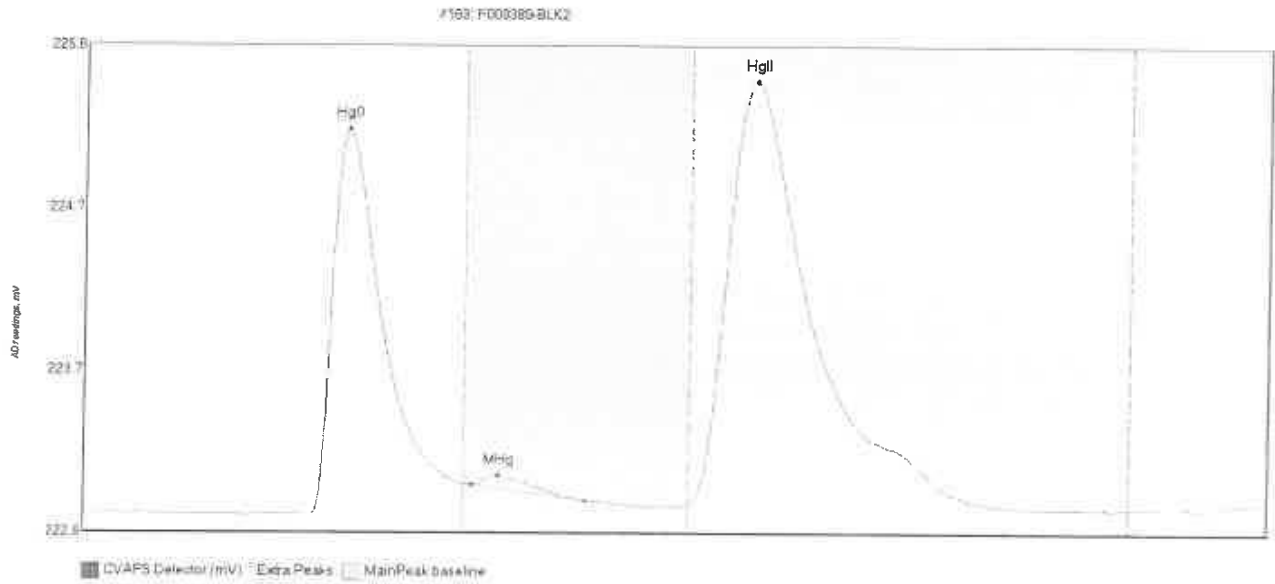


Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
45.9	140.296	45.9	79.9	222.90	222.96	95.3	1.280	OK	222.8971	0.00	F009443
88.4	134.733	80.0	127.5	222.96	222.96	88.4	0.934	CT	222.8971	0.00	F009443

#162: F009389-BLK1

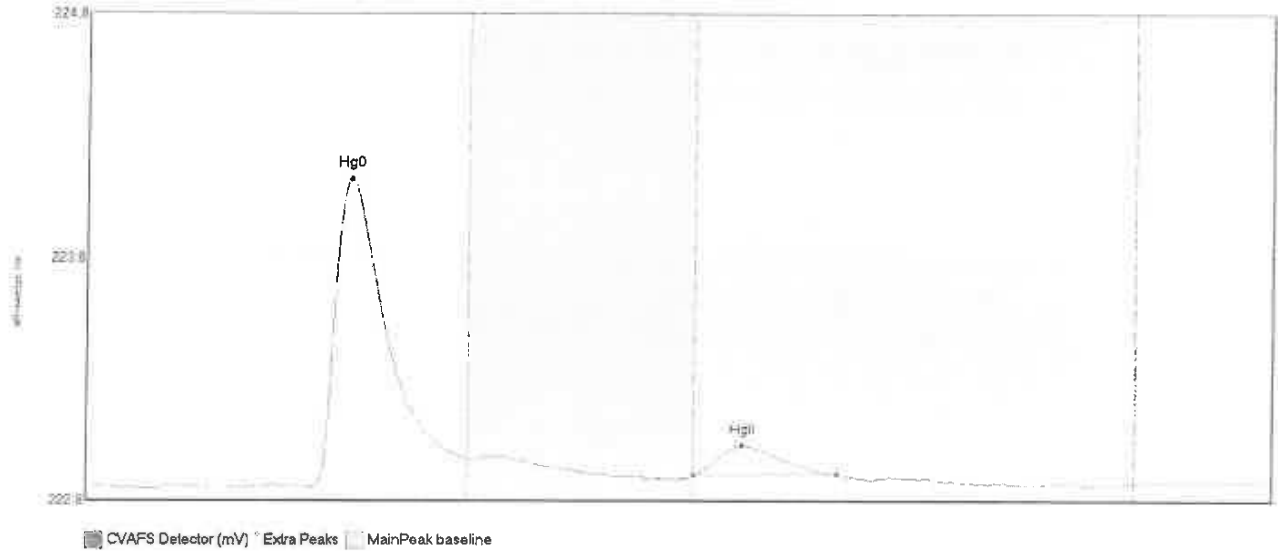


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009389-BLK1 Hg	783.976	47.7	80.0	222.90	223.11	55.4	7.208	CT	222.9058	0.00	0.39	F009389
F009389-BLK1 MH	27.983	81.8	112.2	223.09	222.98	88.5	0.214	OK	222.9058	0.00	0.39	F009389
F009389-BLK1 Hg	6908.514	127.5	212.4	223.09	223.07	141.1	32.730	OK	222.9058	0.00	0.39	F009389

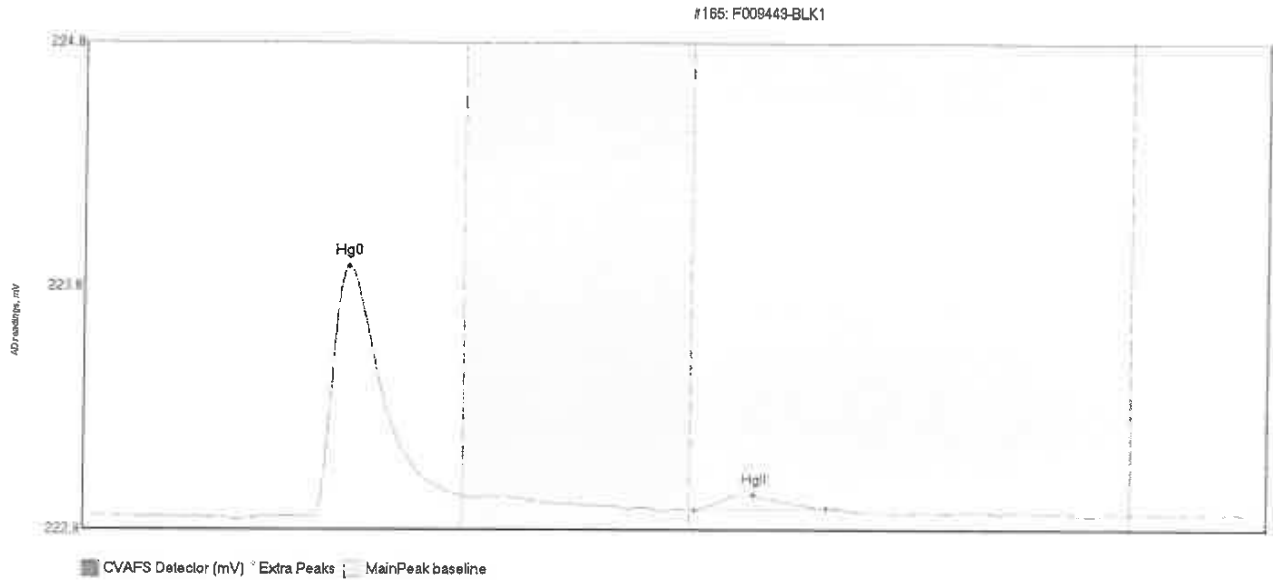


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	WDR	BlShift	Comment
F009389-BLK2	Hg 247.270	47.8	80.0	222.92	223.09	55.4	2.175	CT	222.9202	0.06	0.06	Correct
F009389-BLK2	MHg 8.644	81.6	105.8	223.08	222.99	87.4	0.052	OK	222.9202	0.06	0.06	Peak OK
F009389-BLK2	Hg 480.659	127.5	187.5	222.97	222.98	140.9	2.402	OK	222.9202	0.06	0.06	Peak OK

#164: F009389-BLK3

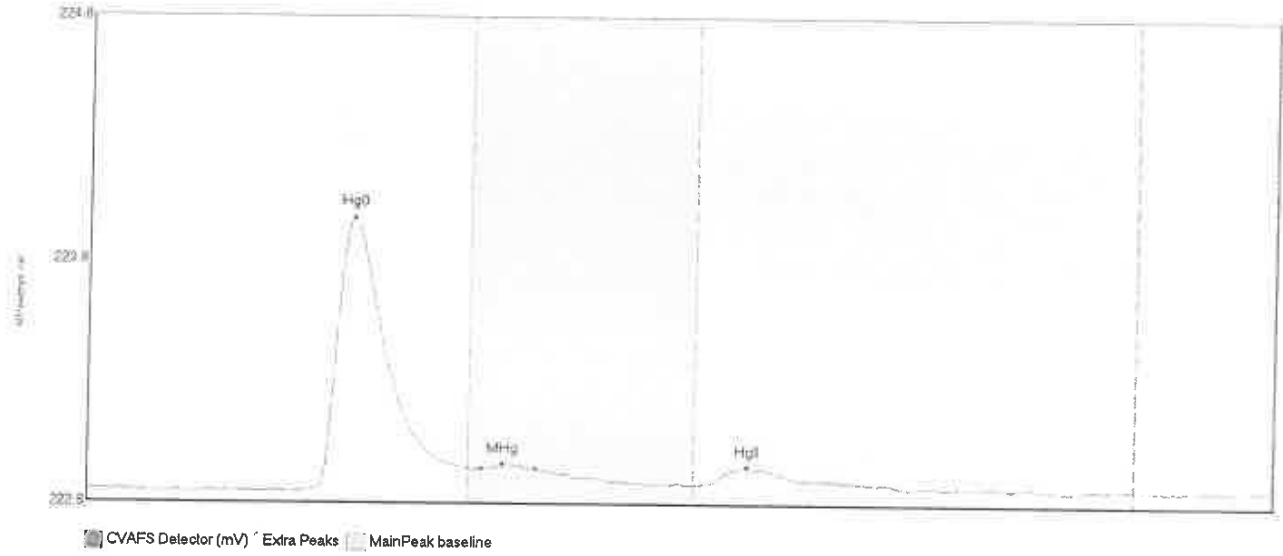


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDDev	Height	Area
F009389-BLK3 Hg	146.897	47.4	80.0	222.90	223.02	55.6	1.267	CT	222.9026	0.00	8.22	146.897
F009389-BLK3 Hg	17.997	127.5	157.6	222.95	222.95	137.6	0.122	OK	222.9026	0.00	0.20	17.997



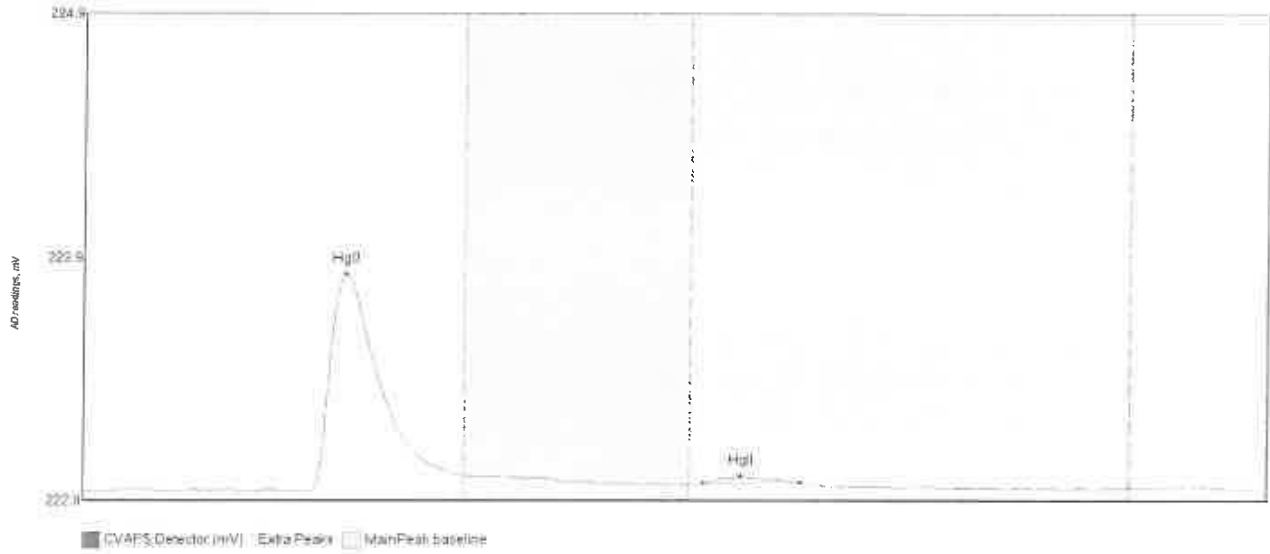
Name	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDDev	Width	Comment
F009443-BLK1 Hg	47.7	80.0	222.89	222.98	55.5	1.025	CT	222.9001	0.00	0.00	F009443
F009443-BLK1 Hg	126.4	156.4	222.92	222.92	140.9	0.062	OK	222.9001	0.00	0.00	F009443

#166: F009443-BLK2



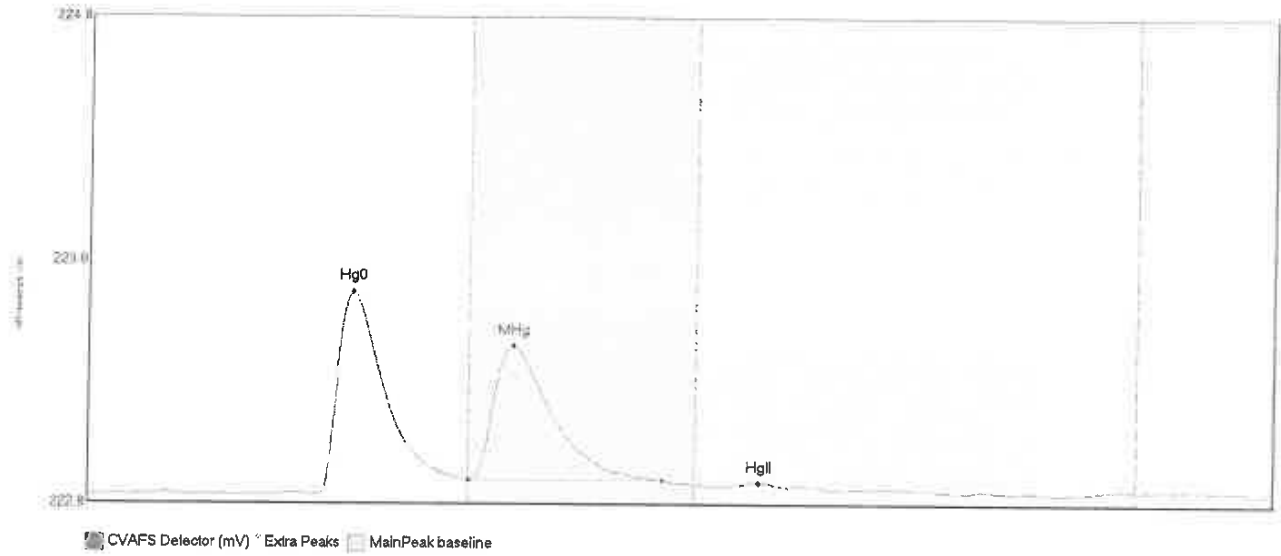
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009443-BLK2 Hg	123.143	46.6	80.0	222.90	222.99	55.5	1.116	CT	222.9009	0.00	0.01	F009443
F009443-BLK2 MH	1.132	82.8	94.1	222.99	223.99	87.1	0.017	OK	222.9009	0.00	0.01	F009443
F009443-BLK2 Hg	8.375	130.3	159.3	222.93	222.94	138.4	0.066	OK	222.9009	0.00	0.01	F009443

#167: F009443-BLK3

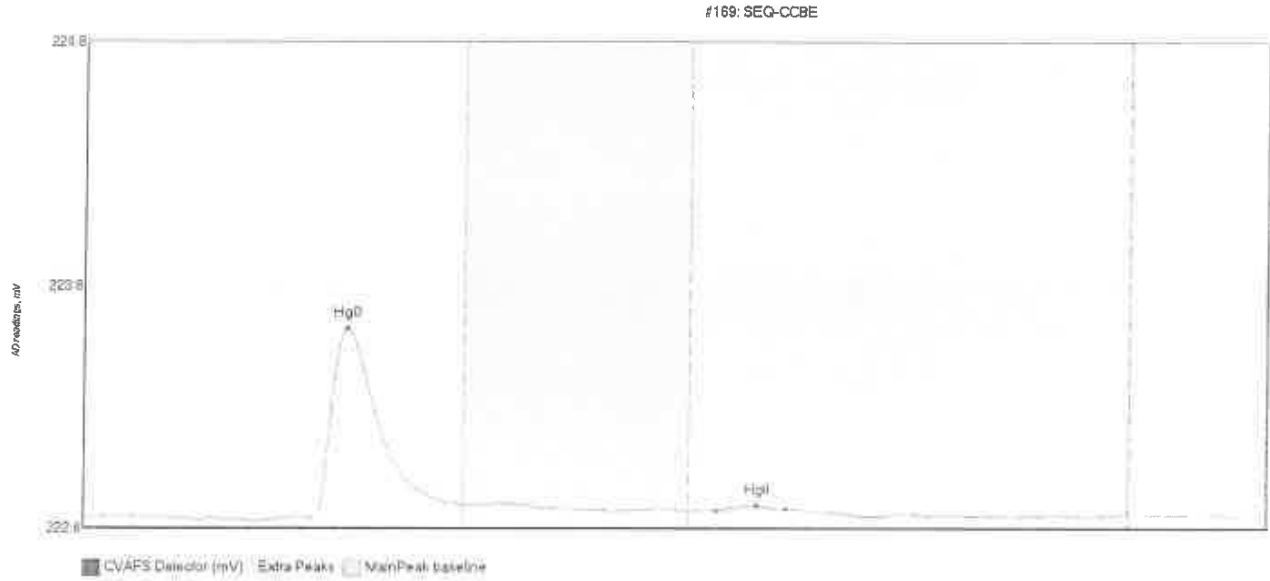


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
F009443-BLK3 Hg	100.641	43.1	79.7	222.89	222.95	55.3	0.891	OK	222.8897	0.00	0.01	F009443
F009443-BLK3 Hg	2.832	130.4	150.9	222.92	222.93	138.3	0.027	OK	222.8897	0.00	0.01	F009443

#168: SEQ-CCVE

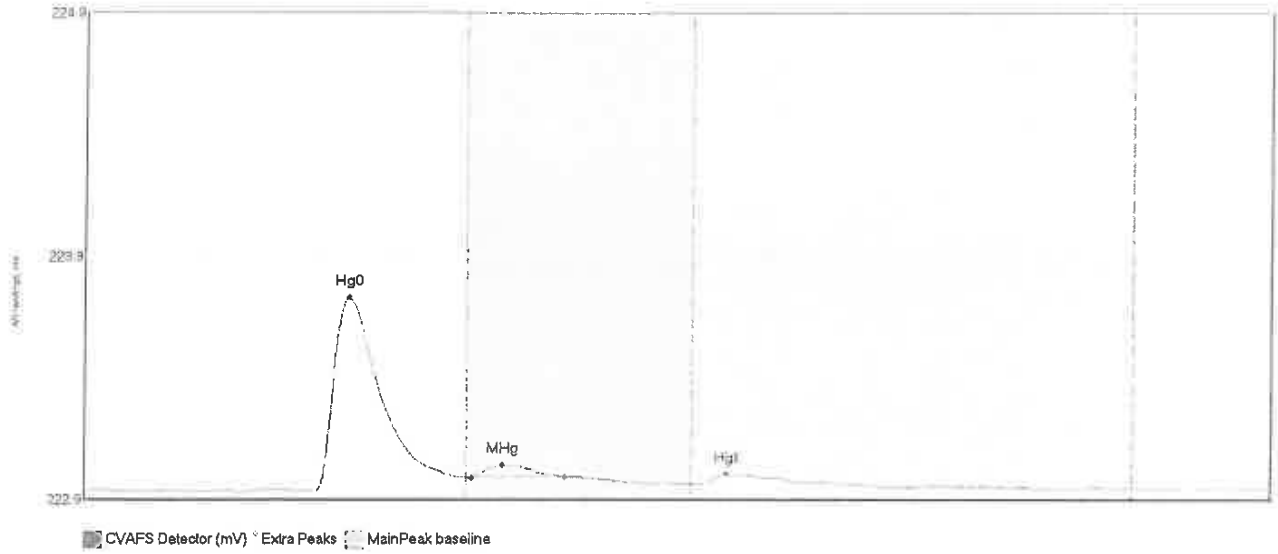


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BIShift	Comment
SEQ-CCVE Hg0	93.553	48.0	80.0	222.89	222.95	55.6	0.834	CT	222.8838	0.00	0.01	
SEQ-CCVE MHg	76.960	80.1	120.6	222.95	222.95	89.2	0.552	OK	222.8838	0.00	0.01	
SEQ-CCVE HgII	0.636	136.9	145.5	222.93	222.93	140.8	0.010	OK	222.8838	0.00	0.01	



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Fjaqs	Baseline	Print	Print	Comment
SEQ-CCBE Hg0	84.365	48.3	79.8	222.89	222.94	55.4	0.777	OK	222.8896	Print	Print	
SEQ-CCBE HgII	1.418	133.1	147.8	222.92	222.92	111.7	0.020	OK	222.8896	Print	Print	

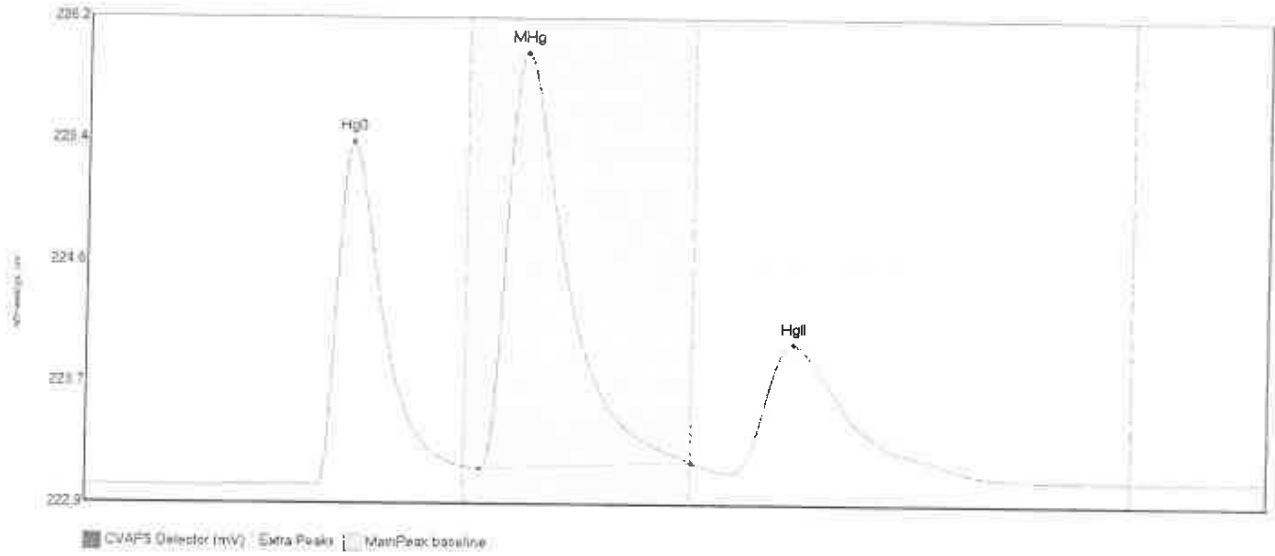
#170: 0100043-21



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100043-21 Hg0	86.412	48.0	80.0	222.89	222.95	55.5	0.790	CT	222.8886	0.00	0.01	10/5/2020
0100043-21 MHg	5.632	81.1	100.6	222.94	222.95	87.5	0.052	OK	222.8886	0.00	0.01	10/5/2020
0100043-21 HgII	6.290	129.1	159.7	222.91	222.92	134.9	0.043	OK	222.8886	0.00	0.01	10/5/2020

line 171 skipped due to computer crash, no data collected
-ZICH 10/5/2020

#172: F009389-MSD1

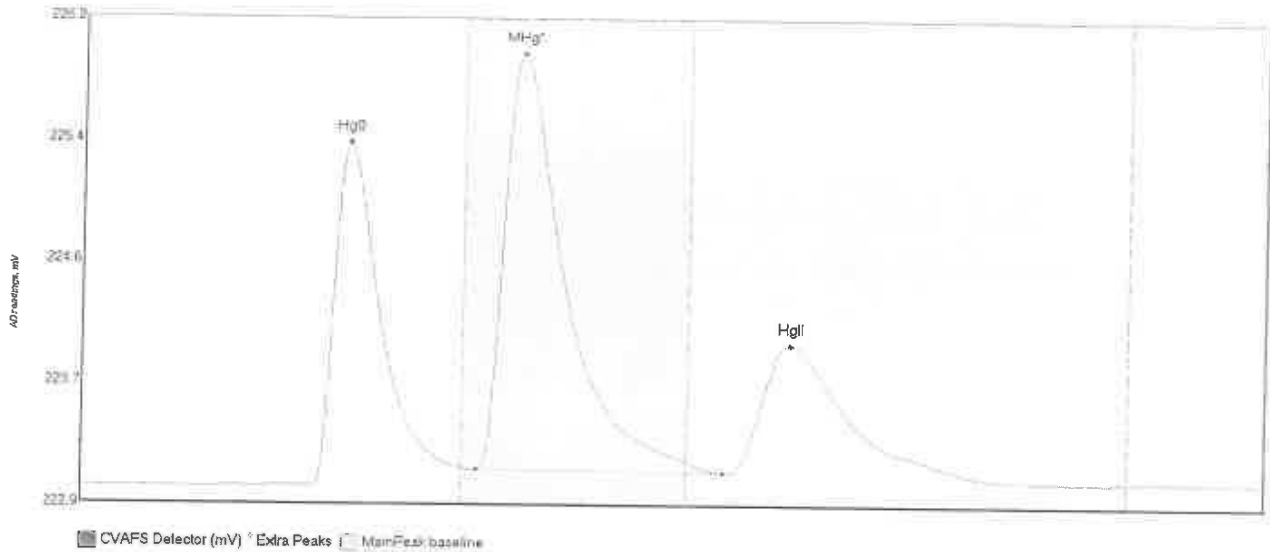


D.N.R.

ZKH 10/5/2000

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Height	Volume
F009389-MSD1 Hg	251.554	48.6	80.0	223.02	223.14	55.9	2.350	CT	223.0141	0.00	0.25	223.0000
F009389-MSD1 MH	405.176	83.2	127.5	223.13	223.18	92.3	2.859	CT	223.0141	0.00	0.25	223.0000
F009389-MSD1 Hg	178.574	135.9	190.9	223.11	223.07	148.7	0.837	OK	223.0141	0.00	0.25	223.0000

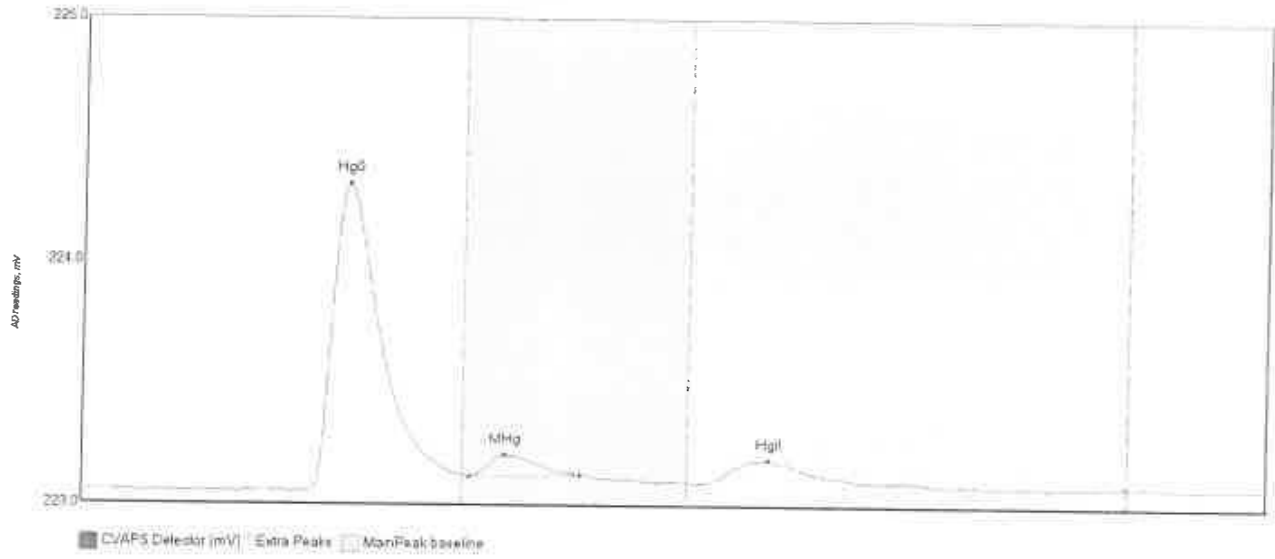
#172: F009389-MSD1



de
Mg
10/5/2020

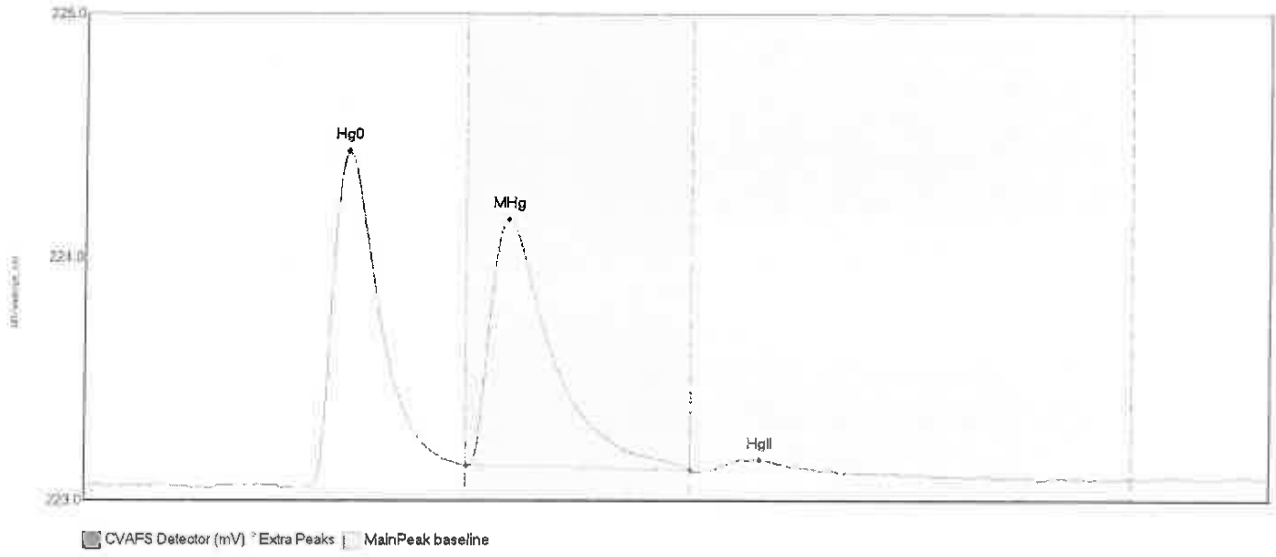
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
F009389-MSD1 Hg	251.554	48.6	80.0	223.02	223.14	55.9	2.350	CT	223.0141	0.00	0.05	F009389
F009389-MSD1 MH	422.304	83.2	134.9	223.13	223.11	92.3	2.859	ED	223.0141	0.00	0.05	F009389
F009389-MSD1 Hg	178.574	135.9	190.9	223.11	223.07	148.7	0.887	OK	223.0141	0.00	0.05	F009389

#173: 0100043-22



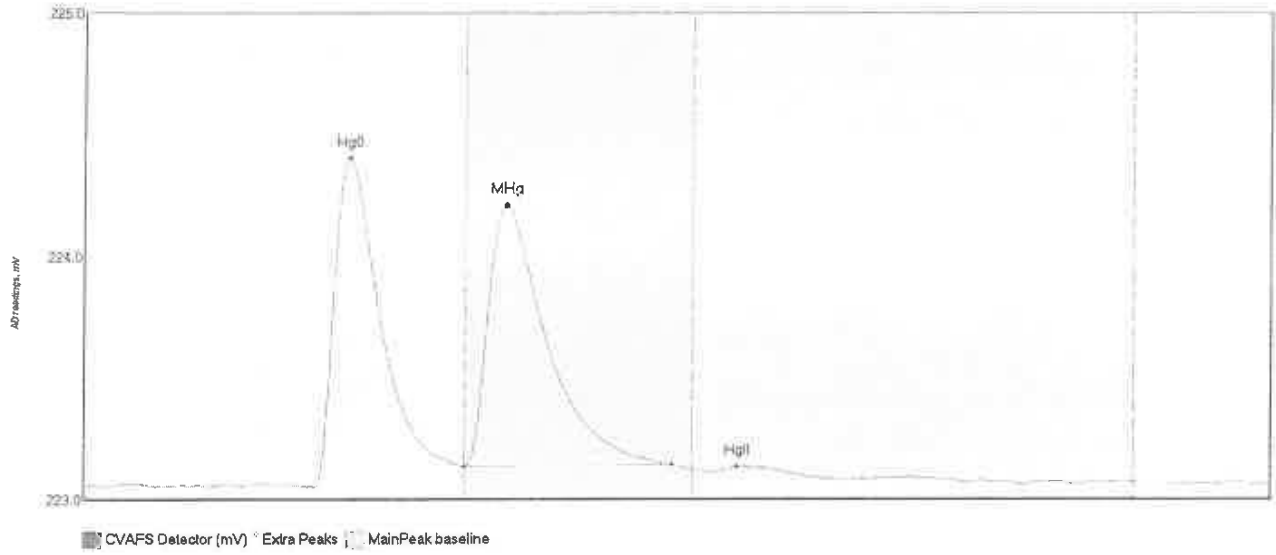
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100043-22 Hg0	140.881	47.5	80.0	223.03	223.10	55.7	1.256	CT	223.0329	0.00	0.02	F009389
0100043-22 MRg	10.140	81.6	104.8	223.09	223.10	89.1	0.092	OK	223.0329	0.00	0.02	F009389
0100043-22 HgII	15.153	132.3	164.3	223.07	223.07	144.4	0.092	OK	223.0329	0.00	0.02	F009339

#174: F009389-MS2



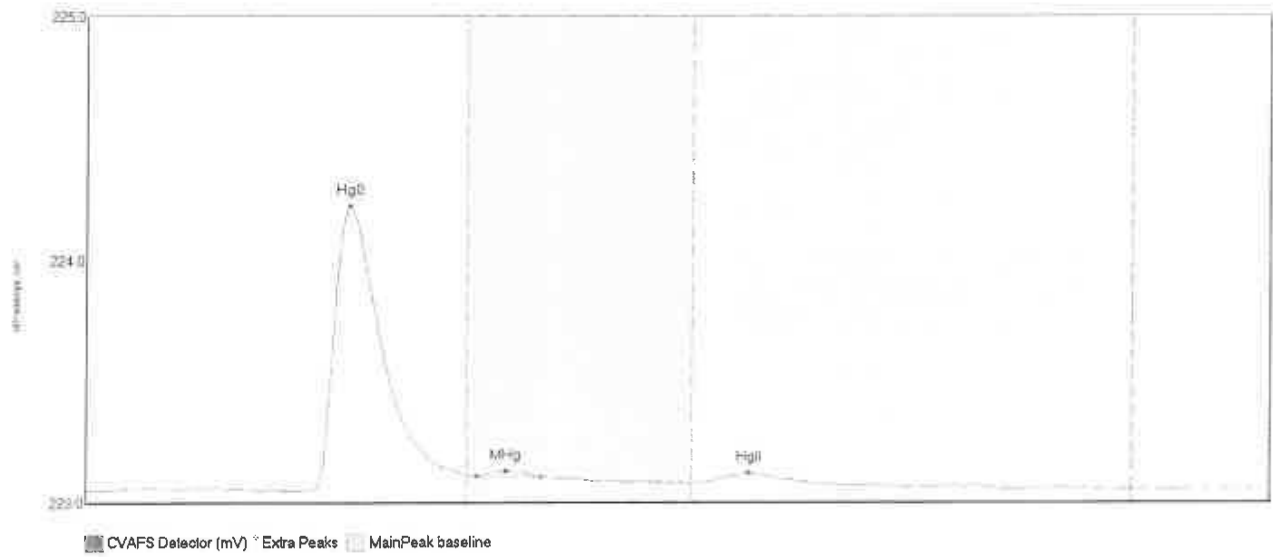
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009389-MS2 Hg0	150.474	46.5	79.9	223.03	223.12	55.6	1.372	OK	223.0390	0.00	0.02	F009389
F009389-MS2 MHg	152.436	80.2	127.5	223.12	223.10	88.9	1.010	CT	223.0390	0.00	0.02	F009389
F009389-MS2 HgI	6.237	131.6	155.1	223.10	223.10	142.0	0.046	OK	223.0390	0.00	0.02	F009389

#175: F009389-MSD2



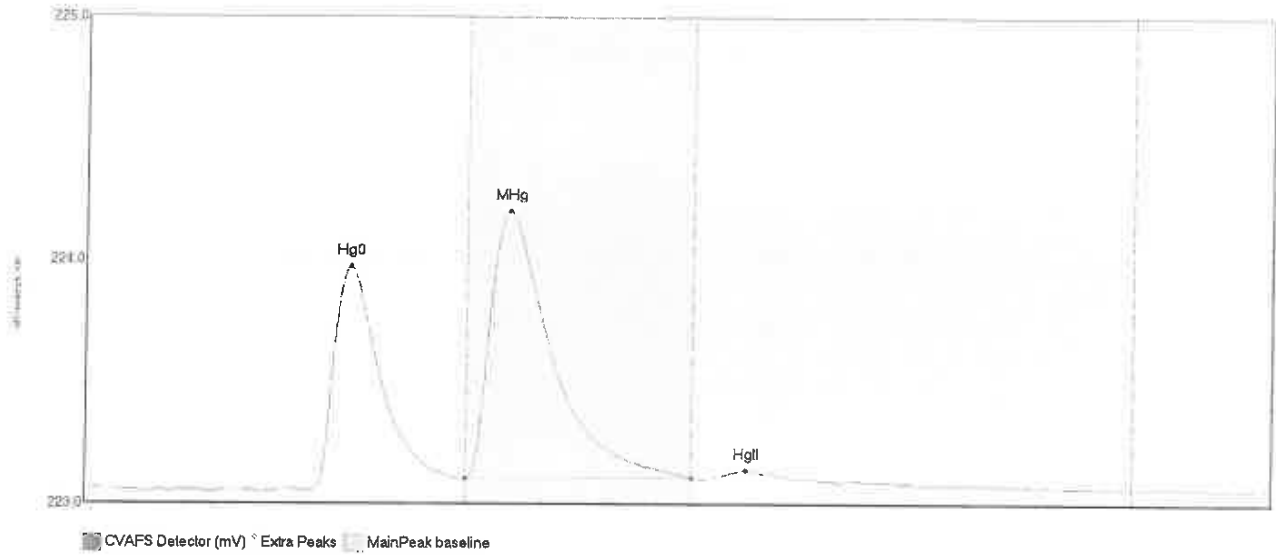
Name	Area	Start Time	EndTime	Peak Max	EndValue	Peak Max	PeakHeight	Flags	Baseline	Bl.Dev	BlShift	Comment
F009389-MSD2	Hg	48.1	79.9	223.05	223.13	55.5	1.347	OK	223.0537	0.00	0.01	F009389
F009389-MSD2	MH	80.0	123.2	223.17	223.13	88.5	1.075	OK	223.0537	0.00	0.01	F009389
F009389-MSD2	Hg	132.5	148.4	223.11	223.10	136.9	0.021	OK	223.0537	0.00	0.01	F009389

#176: 0100075-06



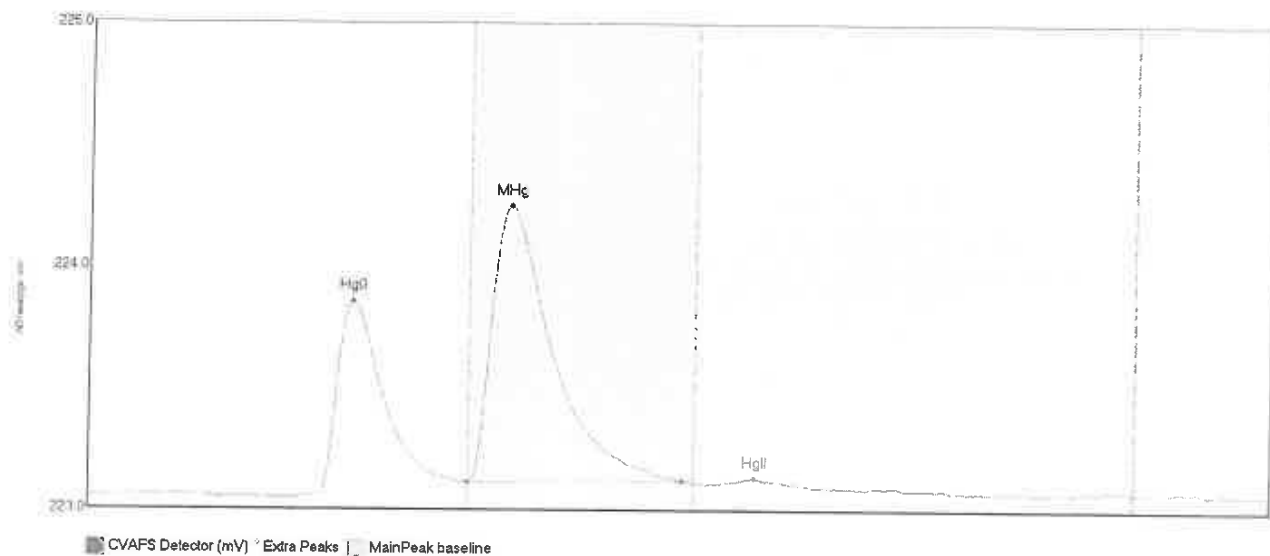
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Height	BShift	Comment
0100075-06	Hg0	129.862	46.0	79.9	223.04	223.11	55.4	1.174	OK	223.0452	0.01	F009443
0100075-06	MHg	1.880	82.3	95.8	223.10	223.10	88.3	0.019	OK	223.0452	0.01	F009443
0100075-06	HgII	4.092	129.7	150.7	223.08	223.08	139.2	0.038	OK	223.0452	0.01	F009443

#177: F009443-MS1



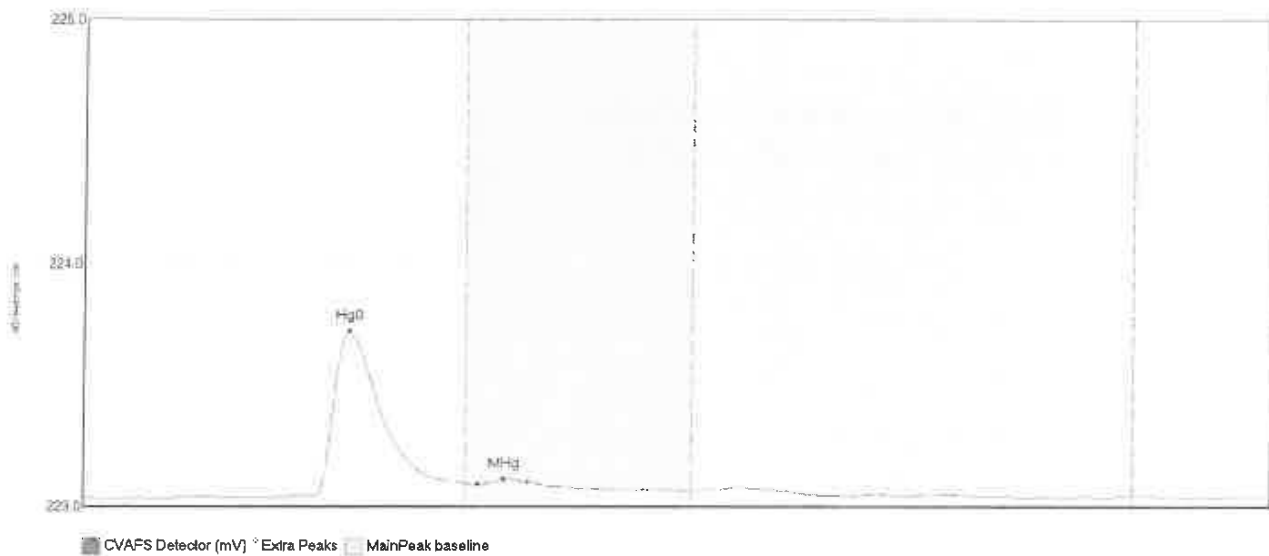
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Result	Comment
F009443-MS1	Hg0	47.3	78.6	223.05	223.09	55.5	0.916	OK	223.0528	0.00	0.00	F009443
F009443-MS1	MHg	80.0	127.5	223.09	223.10	88.9	1.102	CT	223.0528	0.00	0.00	F009443
F009443-MS1	HgI	131.3	149.4	223.10	223.09	138.9	0.038	OK	223.0520	0.00	0.00	F009443

#178: F009443-MSD1

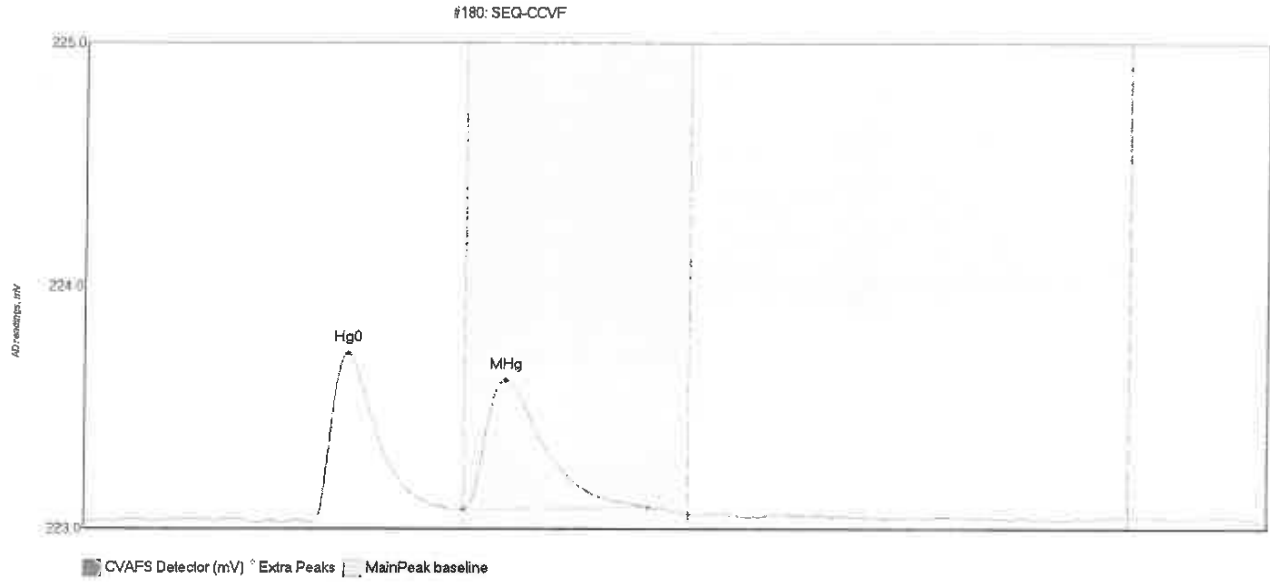


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Shift	BiShift	Comment
F009443-MSD1 Hg	86.900	48.6	79.9	223.03	223.08	55.6	0.797	OK	223.0276	0.01	0.01	F009443
F009443-MSD1 MH	166.281	80.0	124.9	223.08	223.09	88.5	1.140	OK	223.0276	0.01	0.01	F009443
F009443-MSD1 Hg	1.643	132.8	147.7	223.03	223.06	140.1	0.020	OK	223.0276	0.01	0.01	F009443

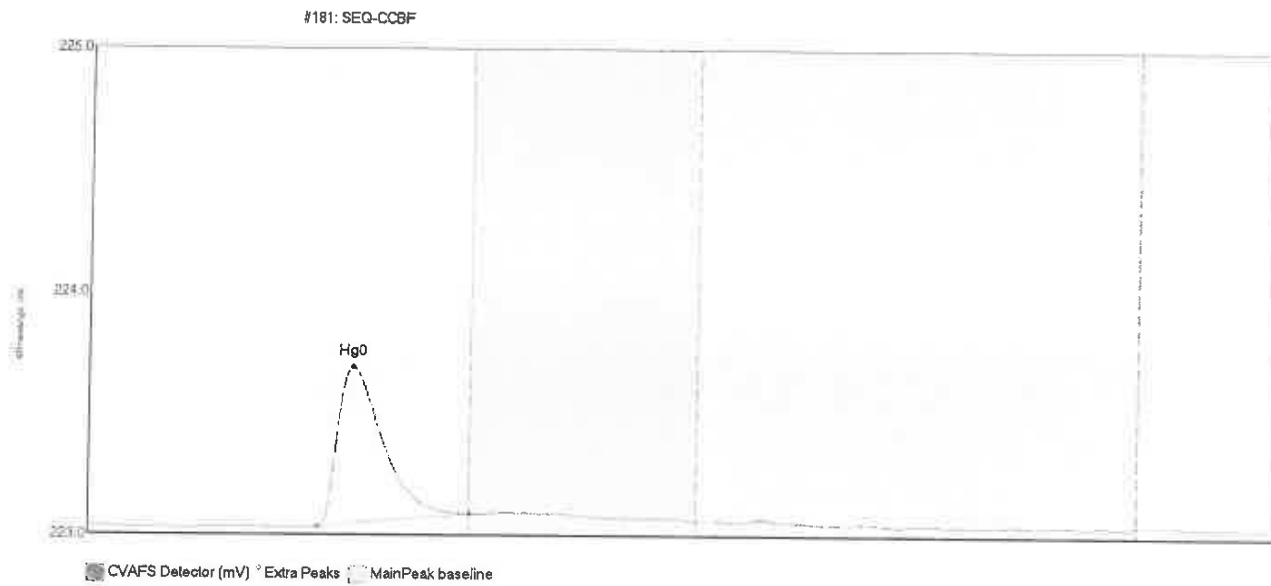
#179: 0100043-51



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	biDev	biShift	Comment
0100043-51 Hg0	73.303	40.7	80.0	223.01	223.07	55.6	0.681	CT	223.0052	0.00	0.00	F009389
0100043-51 MHg	1.112	82.8	93.2	223.06	223.07	88.3	0.025	OK	223.0052	0.00	0.00	F009389

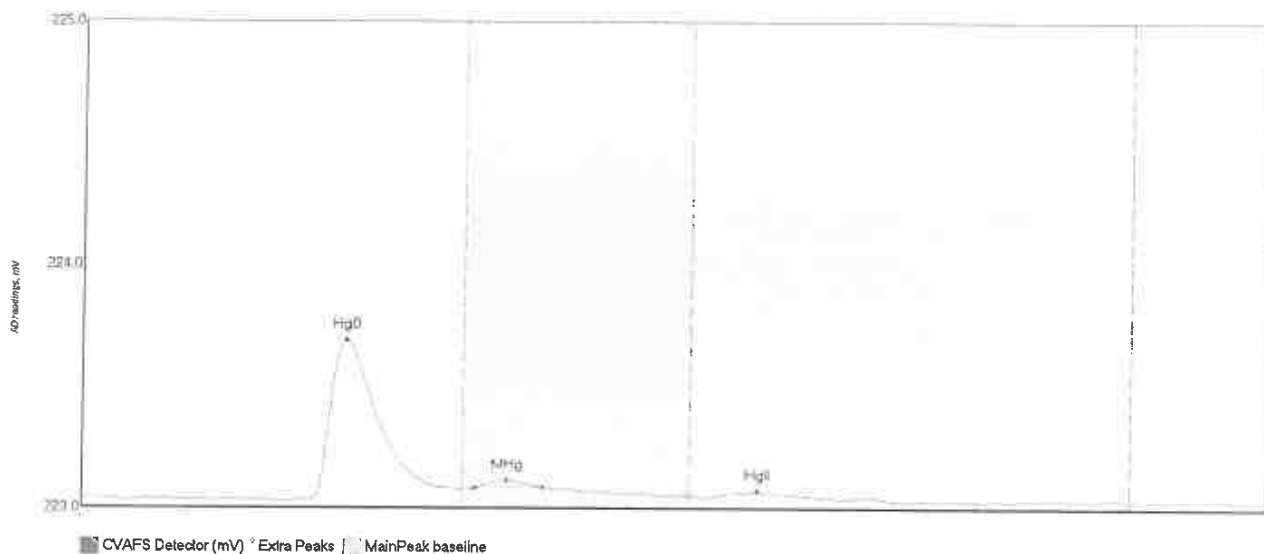


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCVF Hg0	75.749	47.6	79.4	223.00	223.05	55.5	0.698	OK	222.9994	0.00	0.00	
SEQ-CCVF MHg	76.340	80.0	119.1	223.05	223.05	88.7	0.537	OK	222.9994	0.00	0.00	



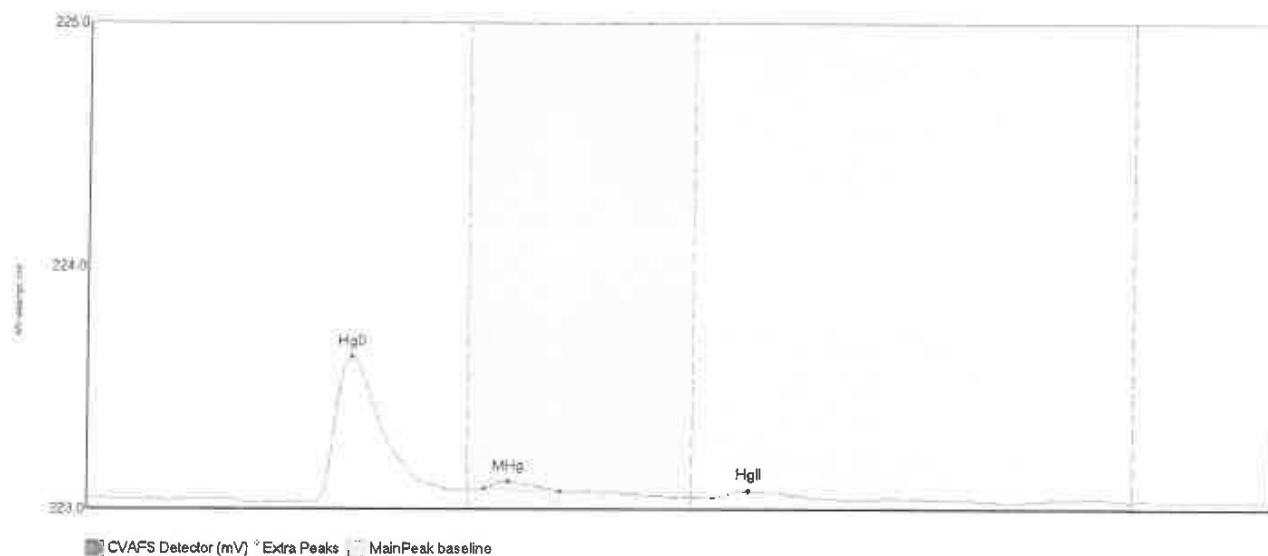
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Baseline	B1Dev	B1Shift	Comment
70.9e2	48.2	80.0	222.94	223.05	55.4	0.658	222.9979	0.00	-0.01	

#182: 0100043-52



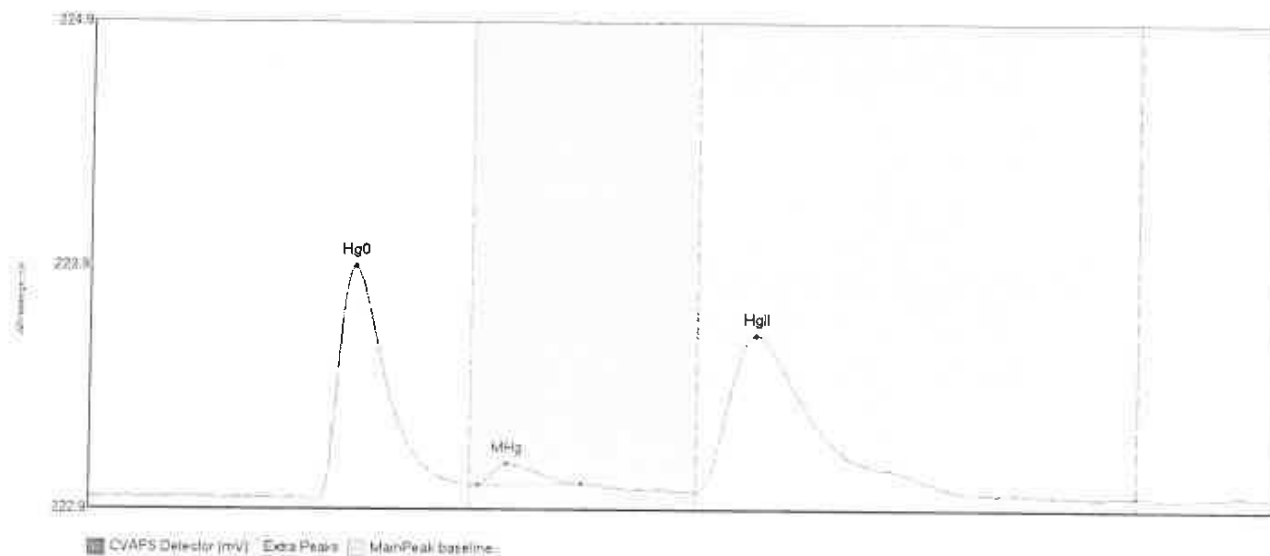
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-52 Hg0	70.412	48.3	78.7	222.99	223.03	55.4	0.652	OK	223.0008	0.00	-0.02	F009389
0100043-52 MHg	2.873	82.4	97.0	223.03	223.04	89.4	0.033	OK	223.0008	0.00	-0.02	F009389
0100043-52 Hg11	1.056	134.4	148.8	223.01	223.01	141.6	0.016	OK	223.0008	0.00	-0.02	F009389

#183: 0100043-53



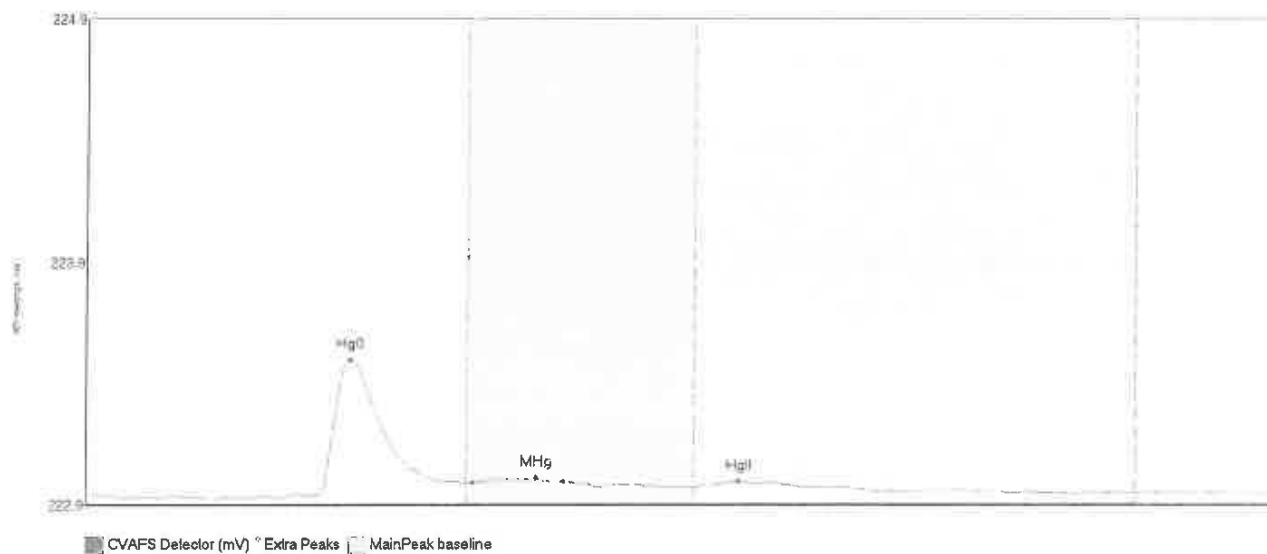
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100043-53 Hg0	63.779	48.1	78.4	222.99	223.03	55.7	0.593	OK	223.0022	0.00	-0.01	F009389
0100043-53 MHg	3.062	83.6	99.5	223.04	223.03	88.6	0.029	OK	223.0022	0.00	-0.01	F009389
0100043-53 HgI1	2.356	131.8	148.5	223.01	223.01	139.3	0.026	OK	223.0122	0.00	-0.01	F009389

#184: 000043-54



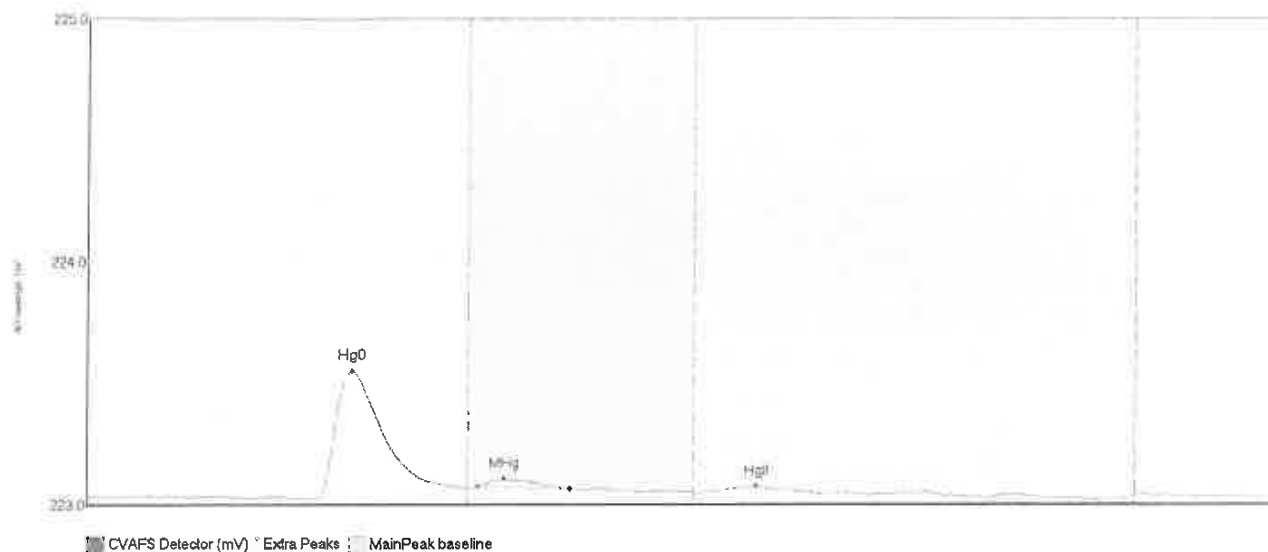
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BIShift	Comment
0100043-54 Hg0	104.049	47.5	80.0	222.98	223.04	55.8	0.958	CT	222.9912	0.00	0.00	F009389
0100043-54 MHg	9.276	81.8	103.4	223.04	223.04	87.7	0.088	OK	222.9912	0.00	0.00	F009389
0100043-54 HgII	129.701	127.5	182.1	223.02	223.02	139.8	0.643	OK	222.9912	0.00	0.00	F009389

#185: 0100043-55



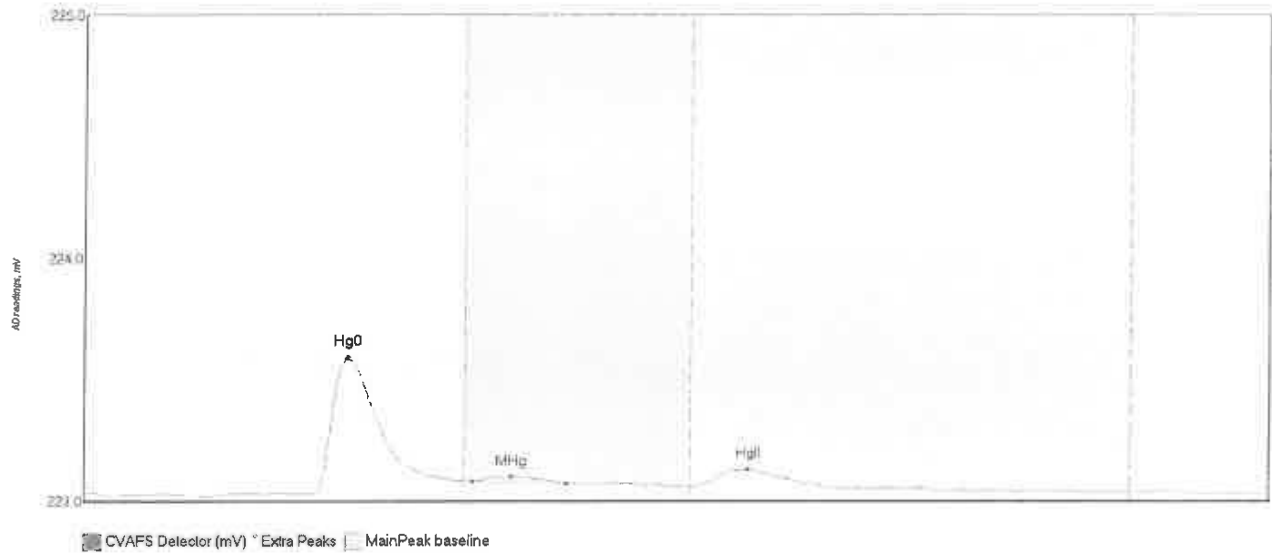
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-55 Hg0	60.371	48.5	80.0	222.98	223.03	55.4	0.560	CT	222.9850	0.00	0.00	F009389
0100043-55 MHg	2.137	81.3	99.9	223.03	223.04	94.3	0.020	OK	222.9850	0.00	0.00	F009389
0100043-55 HgI	2.044	128.6	148.7	223.02	223.02	136.8	0.019	OK	222.9850	0.00	0.00	F009389

#186: 0100043-56



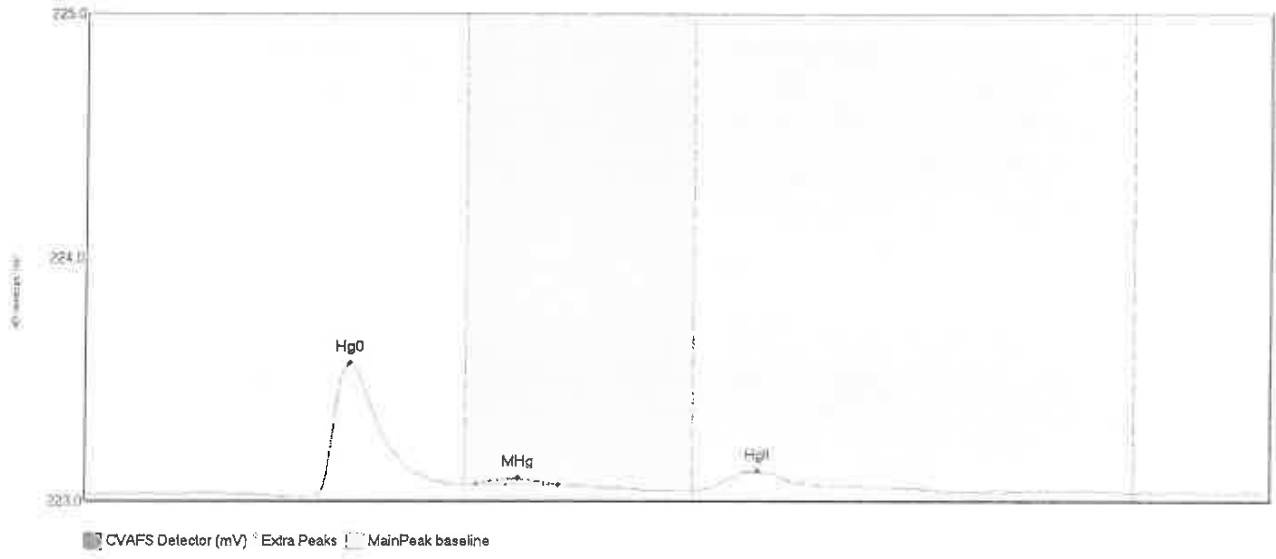
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
0100043-56 Hg0	57.337	47.0	80.0	222.98	223.03	55.7	0.524	CT	222.9940	0.00	-0.01
0100043-56 MHg	3.576	82.3	101.6	223.03	223.03	87.7	0.033	OK	222.9940	0.00	-0.01
0100043-56 HgII	3.612	128.7	151.8	223.00	223.01	140.6	0.029	OK	222.9940	0.00	-0.01

#187: 0100043-57



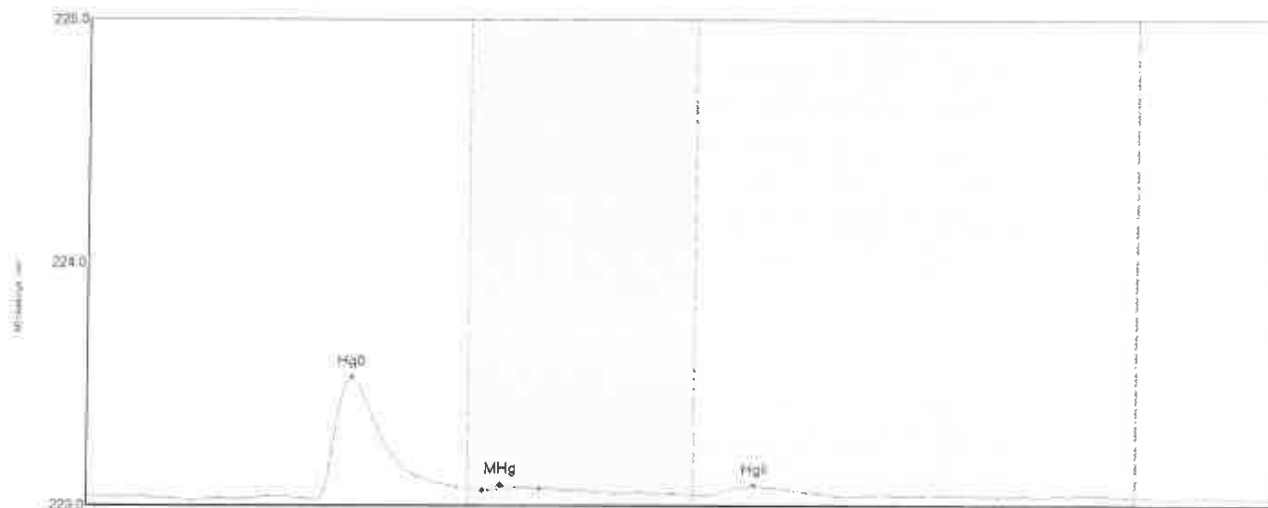
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	Peak Min	Flags	Integration	Integration	Integration	Comment
0100043-57 Hg0	60.278	48.0	80.0	222.99	223.04	55.6	0.557	CT	222.9923	2.28	2.28	F009389
0100043-57 MHg	3.079	81.6	101.2	223.04	223.03	89.7	0.020	OK	222.9933	0.00	0.00	F009389
0100043-57 HgII	10.707	127.5	155.5	223.02	223.02	139.6	0.972	OK	222.9933	0.00	0.00	F009389

#188: 000043-58



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
010001-58 Hg0	58.438	47.9	80.0	222.98	223.02	55.6	0.546	CT	222.9859	0.00	0.00	F009389
010001-58 MHg	2.558	82.4	99.3	223.02	223.03	90.9	0.027	OK	222.9859	0.00	0.00	F009389
010001-58 HgI1	13.301	129.6	175.9	223.00	223.01	141.0	0.079	OK	222.9859	0.00	0.00	F009389

#189: 0100043-59

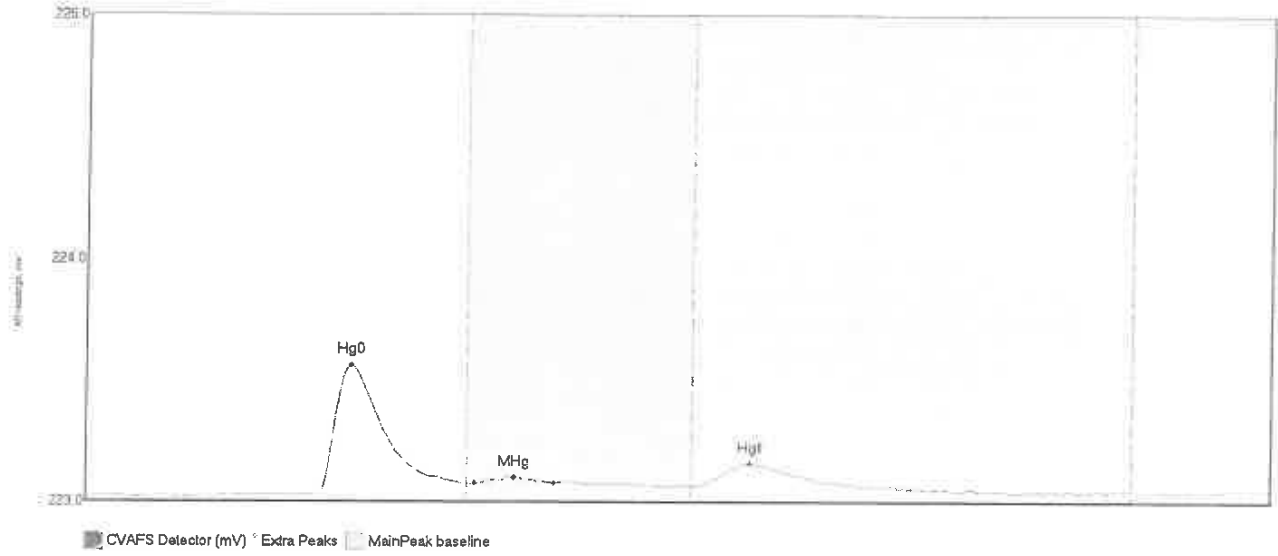


CVAFS Detector (mV) Extra Peaks MainPeak baseline

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
0100043-59 Hg0	54.808	48.3	79.3	222.99	223.03	55.6	0.501	OK	223.0018	0.00	-0.01
0100043-59 MHg	1.273	83.0	95.1	223.03	223.03	86.7	0.021	OK	223.0018	0.00	-0.01
0100043-59 HgII	4.723	131.8	155.6	223.01	223.01	140.1	0.038	OK	223.0018	0.00	-0.01

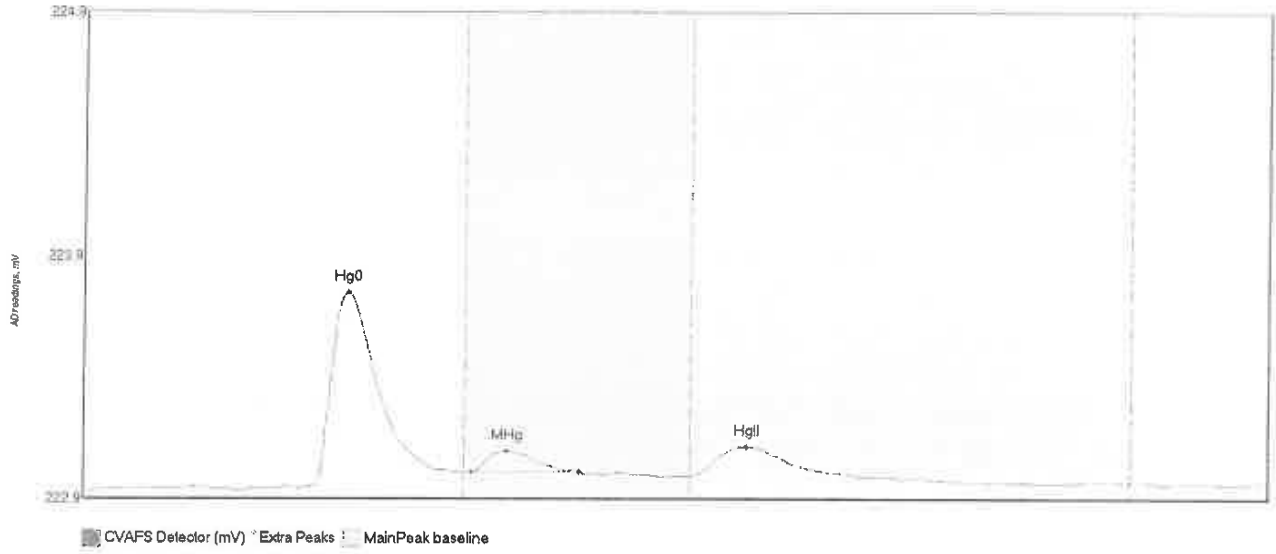
Correct
Y201610
F201610
E000115

#190: 0100043-60



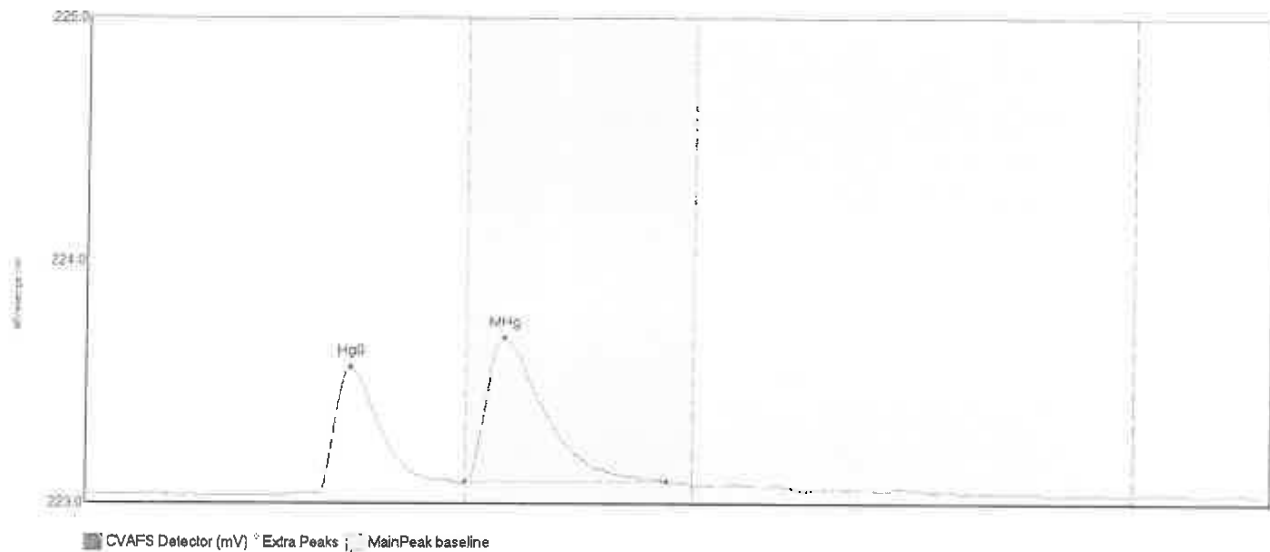
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-60 Hg0	59.460	48.4	80.0	222.98	223.04	55.5	0.536	CT	222.9836	0.00	0.02	F009389
0100043-60 MHg	2.026	81.6	98.2	223.04	223.04	89.8	0.024	OK	222.9836	0.00	0.02	F009389
0100043-60 HgII	14.283	128.9	162.2	223.02	223.02	139.6	0.091	OK	222.9836	0.00	0.02	F009389

#191: 000049-29

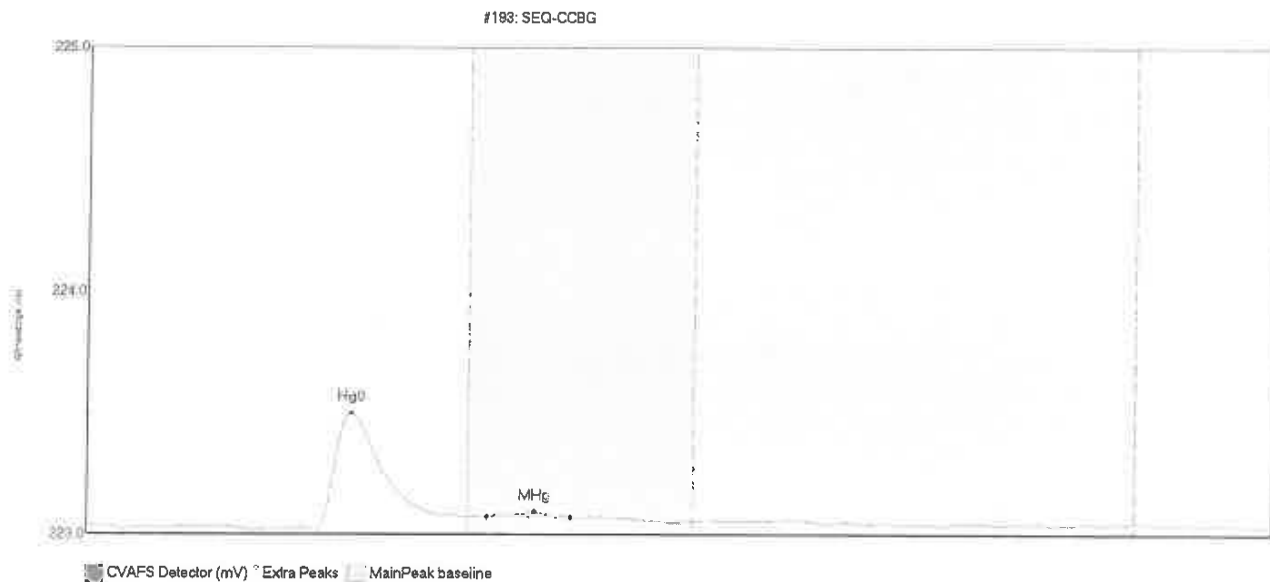


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Height	RDev	Width	Count
0100043-23 Hg0	84.829	34.0	80.0	222.98	223.05	223.0	0.813	CT	222.98	0.00	2.23	128029
0100043-23 MHg	9.562	81.4	104.0	223.05	223.06	223.0	0.085	OK	223.05	0.00	2.00	100000
0100043-23 HgII	20.864	127.5	163.0	223.03	223.04	223.0	0.124	OK	223.03	0.00	2.00	100000

#192: SEQ-CCVG

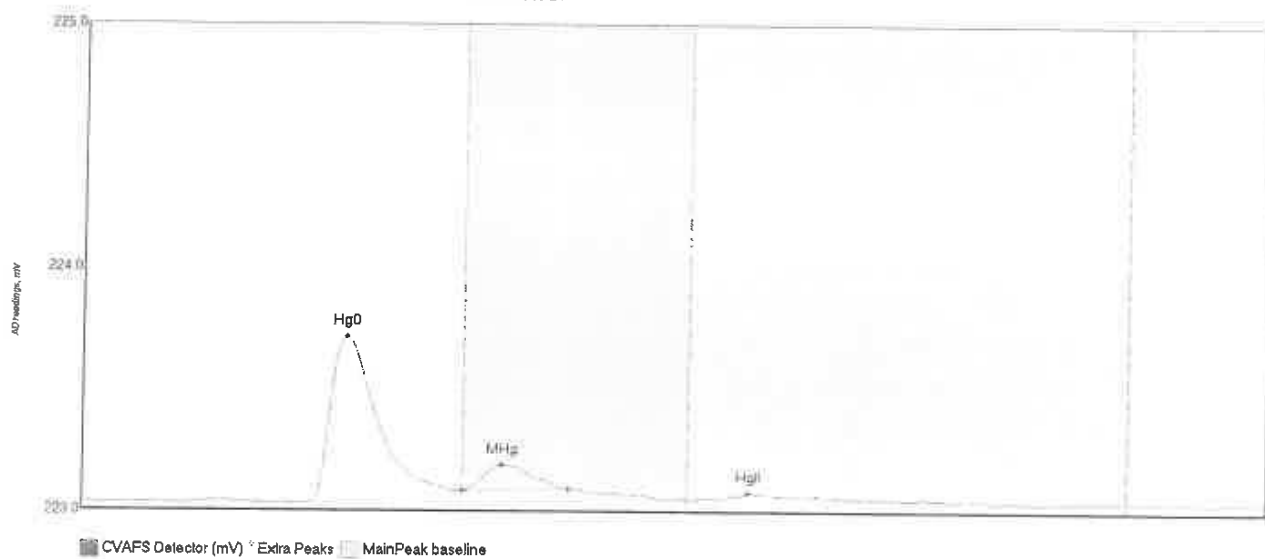


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	BShift	Comment
SEQ-CCVG Hg0	55.729	78.0	79.3	223.01	223.05	55.5	0.521	OK	223.0069	0.28	-0.01	
SEQ-CCVG MHg	82.947	120.0	122.1	223.05	223.06	66.1	0.595	OK	223.0069	0.28	-0.01	



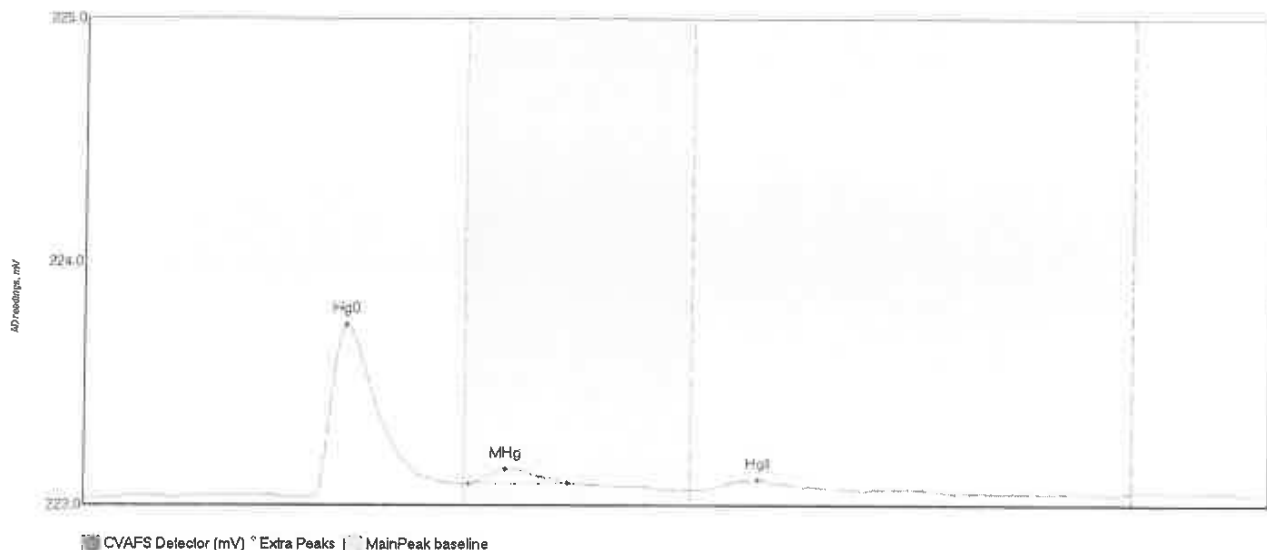
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	BiShift	Comment
SEQ-CCBG Hg0	50.684	48.6	80.0	223.00	223.04	55.6	0.468	CT	223.0061	0.00	-0.01	
SEQ-CCBG MHg	1.839	84.1	101.7	223.04	223.04	94.1	0.019	OK	223.0061	0.00	-0.01	

#194: 0100043-24



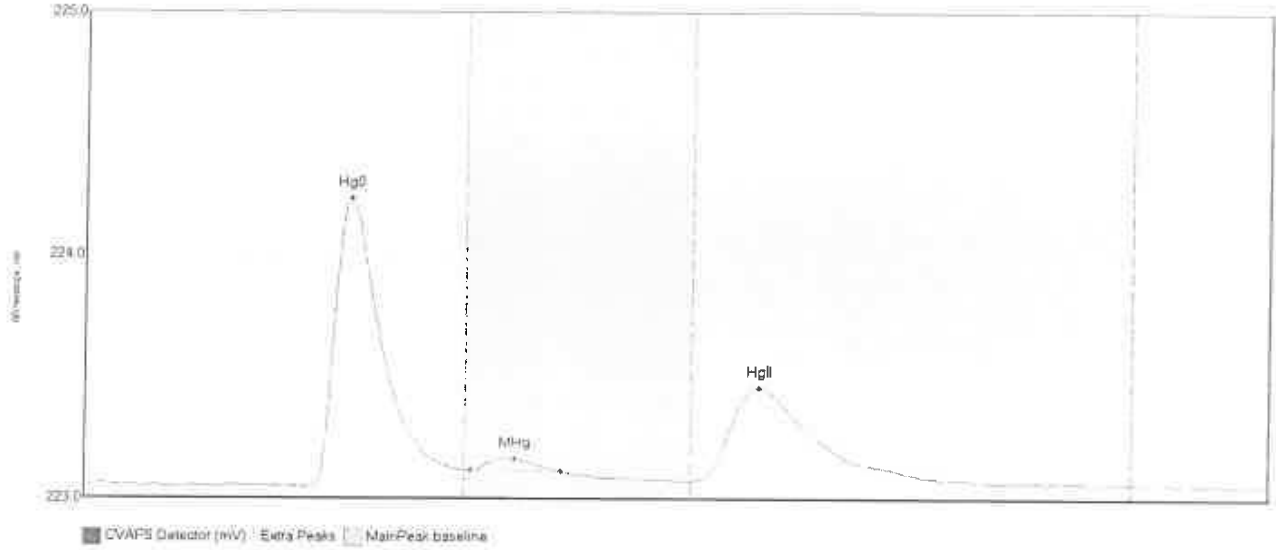
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100043-24 Hg0	73.544	48.3	79.7	223.01	223.05	55.4	0.678	OK	223.0067	0.00	0.00	F009389
0100043-24 MHg	11.633	80.0	102.2	223.05	223.06	88.3	0.104	OK	223.0067	0.00	0.00	F009389
0100043-24 HgII	4.764	128.4	162.8	223.02	223.02	140.2	0.030	OK	223.0067	0.00	0.00	F009389

#185: 0100043-25



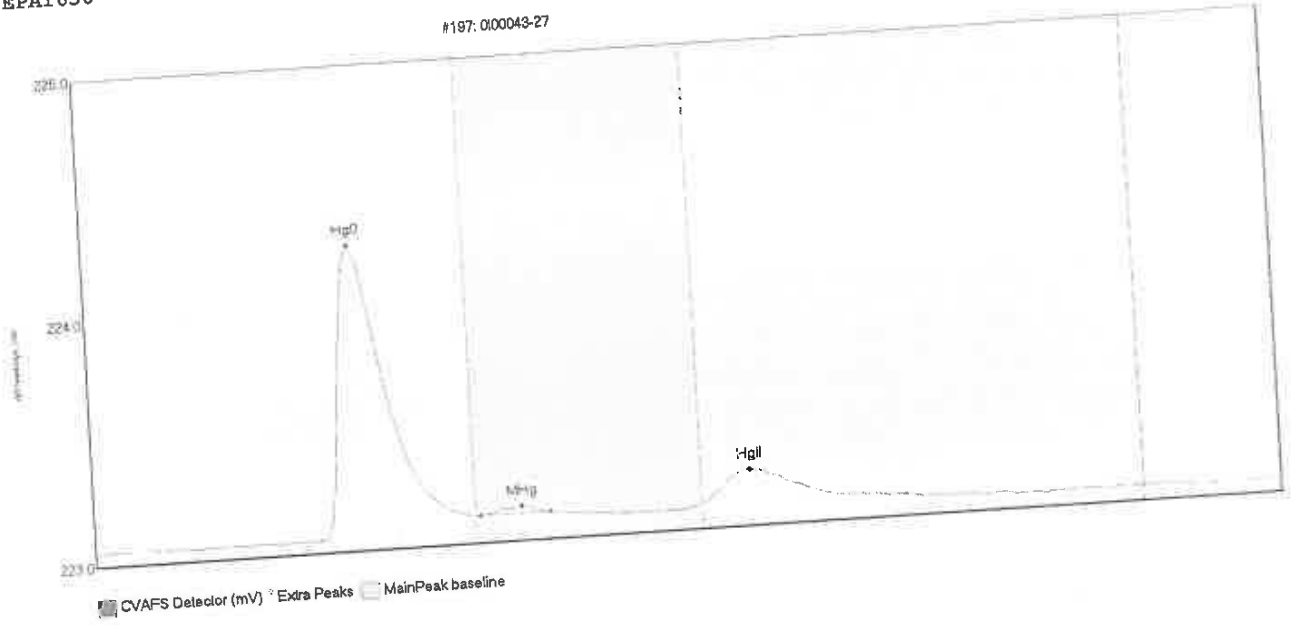
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-25 Hg0	76.023	47.9	78.9	222.99	223.05	55.3	0.708	OK	222.9894	0.00	0.02	F009389
0100043-25 MHg	6.848	81.0	101.6	223.05	223.05	88.7	0.064	OK	222.9894	0.00	0.02	F009389
0100043-25 HgIi	5.485	130.9	159.9	223.03	223.03	141.7	0.039	OK	222.9894	0.00	0.02	F009389

#196: 0100043-26



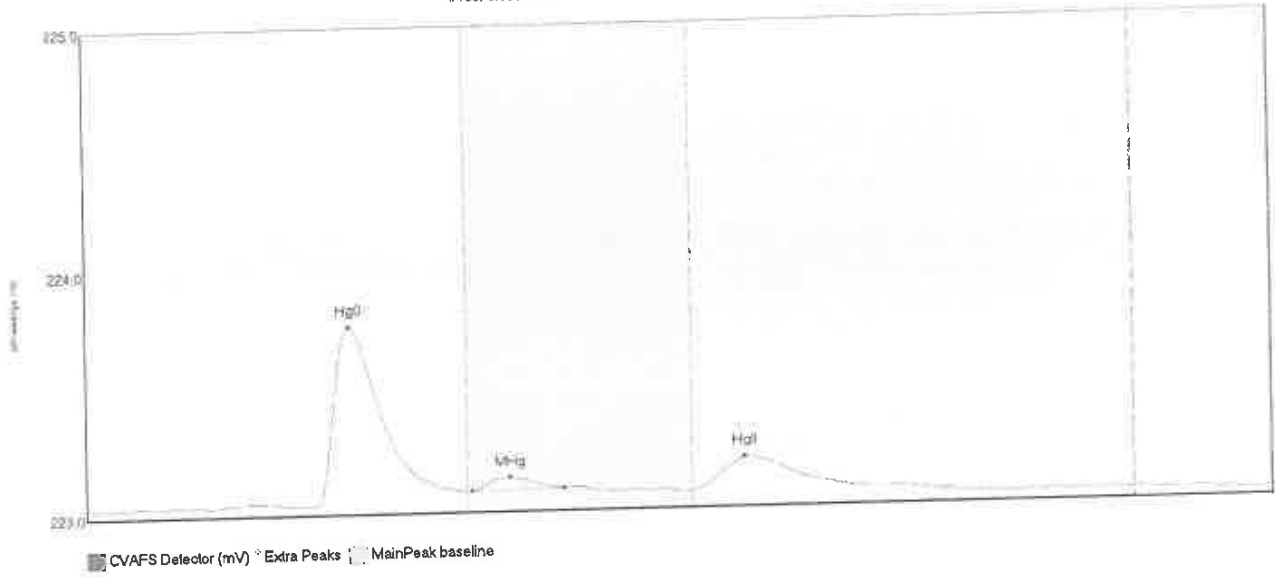
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-26 Hg0	127.388	46.4	80.0	223.01	223.08	55.7	1.177	CT	223.0178	0.00	0.00	F009389
0100043-26 MHg	5.230	81.3	100.2	223.07	223.07	90.4	0.048	OK	223.0178	0.00	0.00	F009389
0100043-26 HgII	75.907	127.5	182.4	223.03	223.04	141.4	0.384	OK	223.0178	0.00	0.00	F009389

#197: 0100043-27



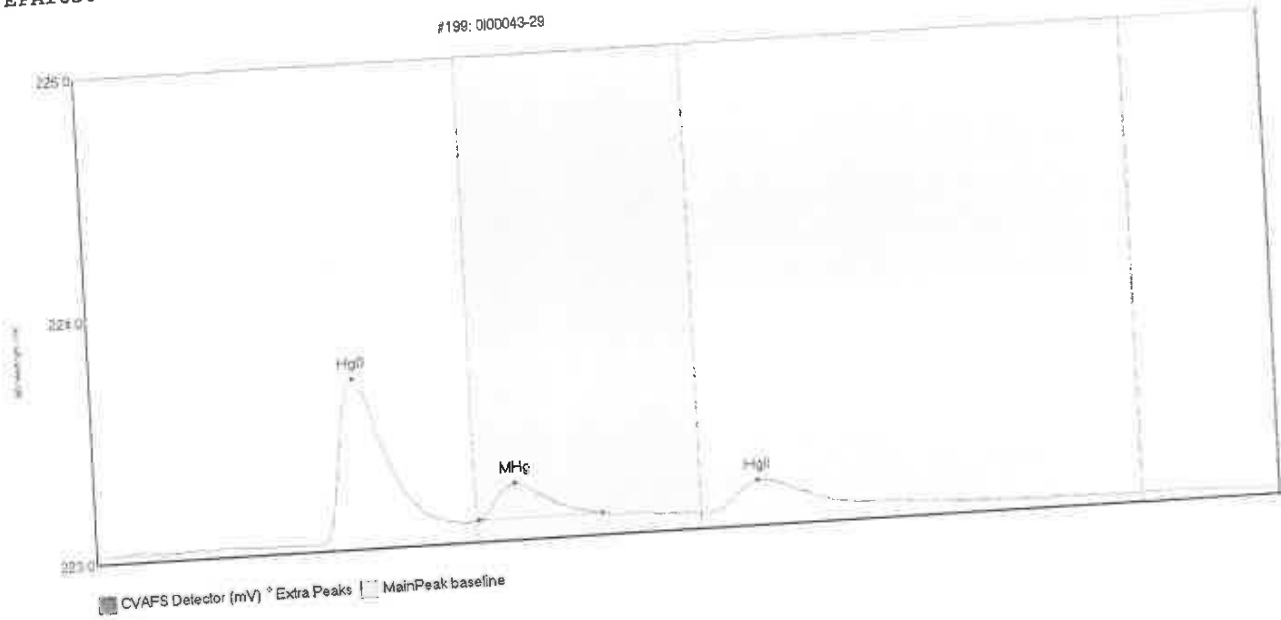
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	Area	Comment
Hg0 131.531	48.4	79.6	223.00	223.07	55.7	1.204	OK	223.000	0.00	2.12	10/11/01
MHg 2.250	81.0	95.6	223.06	223.06	89.8	0.028	OK	223.000	0.00	2.12	10/11/01
HgII 19.602	127.5	156.0	223.05	223.06	137.6	0.132	OK	223.000	0.00	2.12	10/11/01

#198: 0100043-28



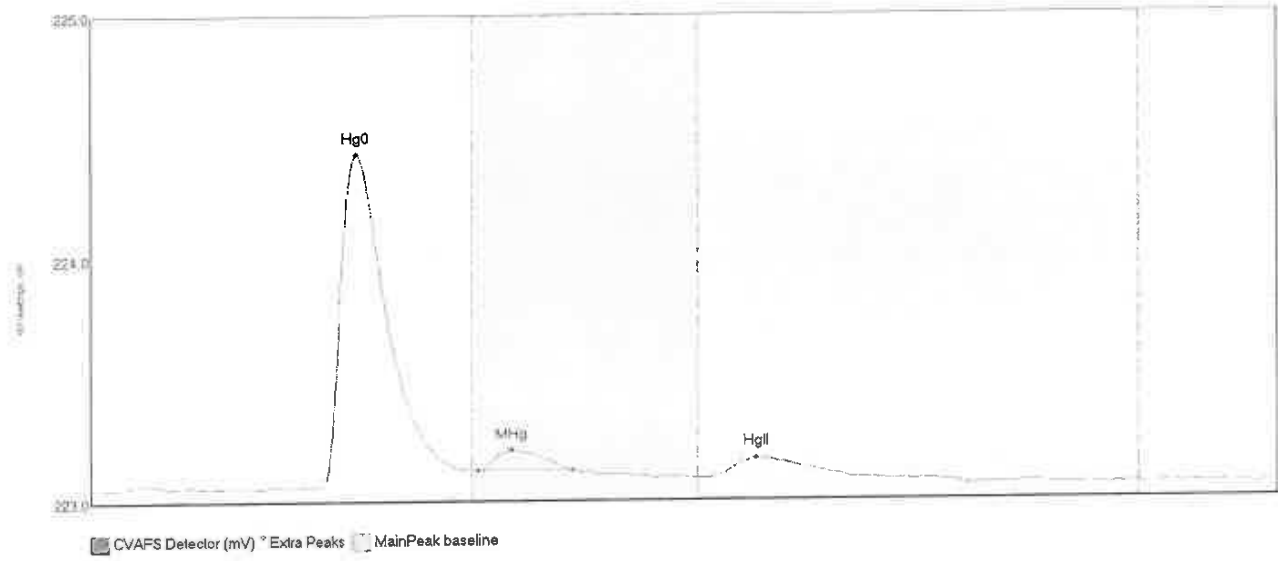
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-28 Hg0	79.982	48.1	79.7	223.02	223.07	55.5	0.736	OK	223.0223	0.00	0.00	F009389
0100043-28 MHg	5.585	81.0	100.4	223.07	223.08	89.1	0.055	OK	223.0223	0.00	0.00	F009389
0100043-28 HgII	22.867	127.5	164.6	223.05	223.05	138.3	0.136	OK	223.0223	0.00	0.00	F009389

#198: 0100043-29



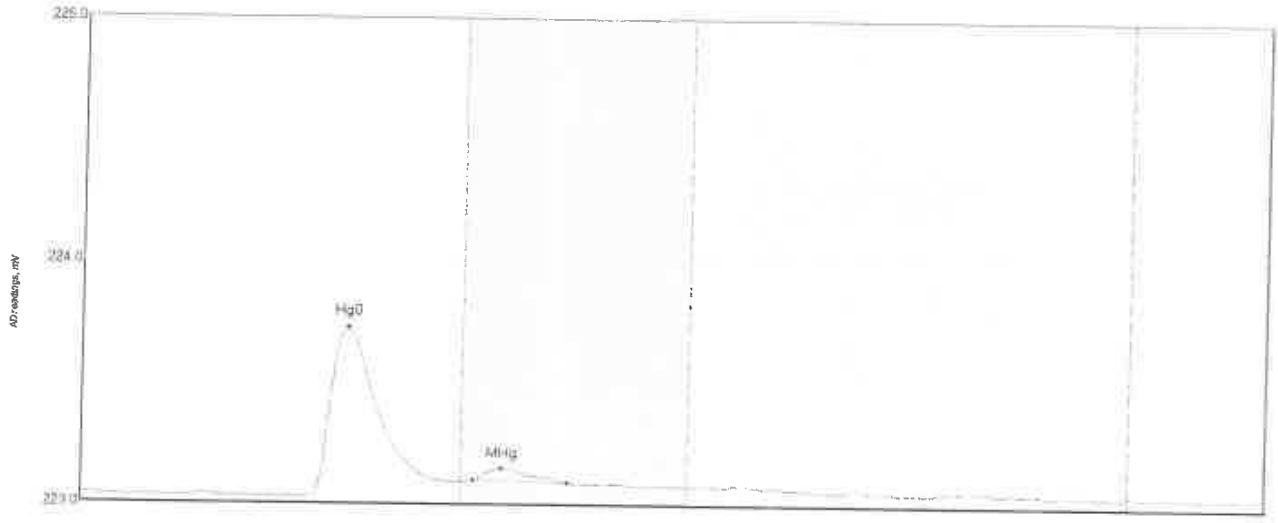
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-29 Hg0	72.756	46.8	78.8	223.01	223.07	55.4	0.675	OK	223.0132	0.00	0.00	F009389
0100043-29 MHg	17.820	80.7	106.7	223.07	223.07	88.6	0.146	OK	223.0132	0.00	0.00	F009389
0100043-29 HgII	22.283	128.8	172.8	223.04	223.04	139.4	0.125	OK	223.0132	0.00	0.00	F009389

#200: 0100043-30



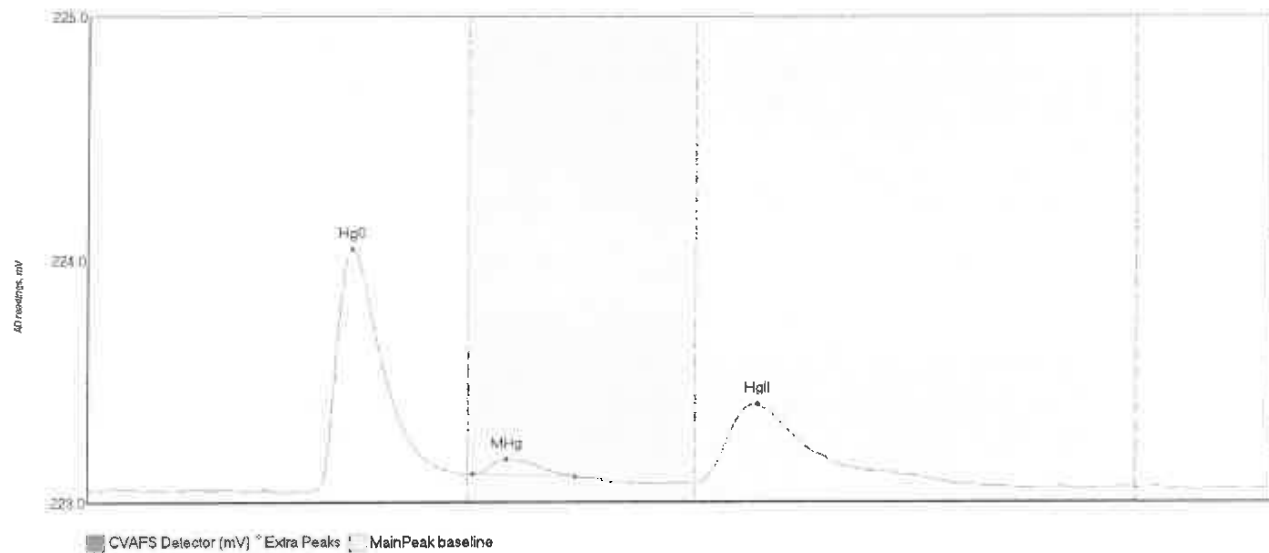
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-30 Hg0	149.862	48.2	80.0	223.02	223.08	55.9	1.367	CT	223.0198	0.00	0.01	F009389
0100043-30 MHg	9.353	81.3	100.9	223.09	223.09	88.3	0.086	OK	223.0198	0.00	0.01	F009389
0100043-30 HgII	12.950	129.2	159.6	223.05	223.05	139.7	0.080	OK	223.0198	0.00	0.01	F009389

#201: 0100075-01



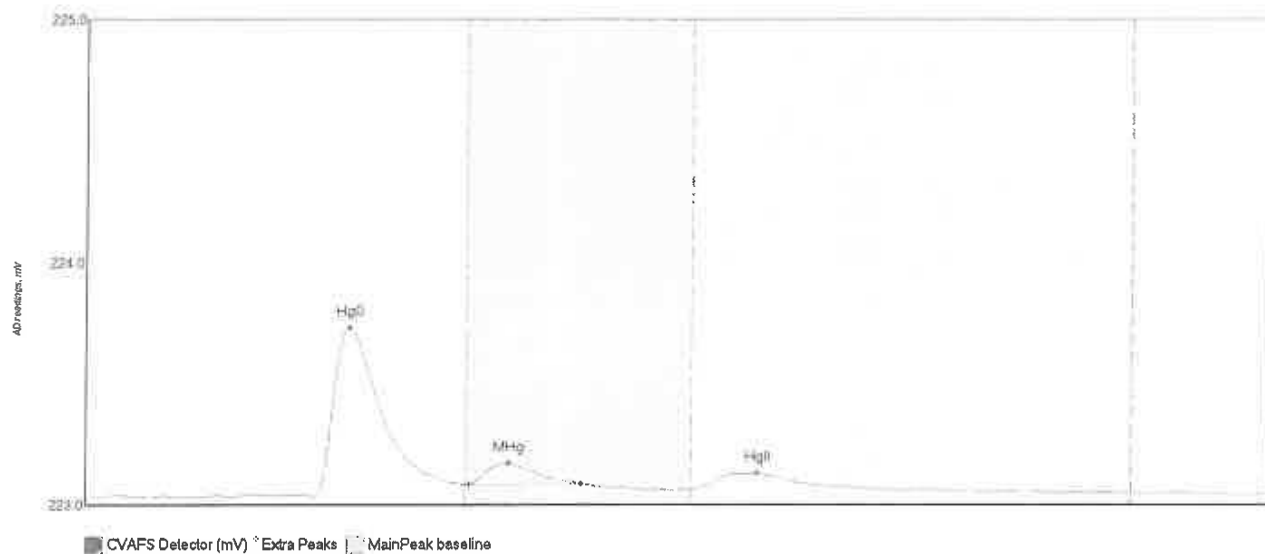
Name	Area	Start Time	End Time	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100075-01 Hg0	75.355	48.1	76.0	223.02	223.08	55.8	0.694	OK	223.0311	0.00	0.00	F009443
0100075-01 MHg	5.607	82.6	107.2	223.09	223.08	88.6	0.050	OK	223.0311	0.00	0.00	F009443

#202: 0100075-02



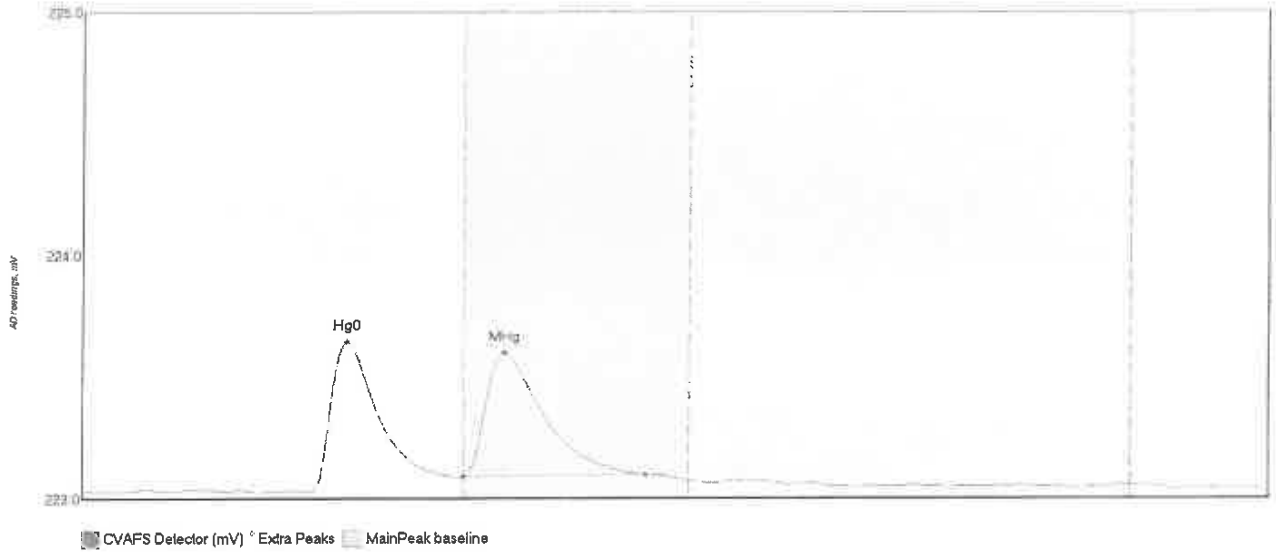
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Off	B1Shift	Comment
0100075-02 Hg0	108.701	46.5	78.9	223.01	223.08	55.6	0.997	OK	223.0203	0.01	0.01	F009443
0100075-02 MHg	7.526	81.1	102.2	223.08	223.07	88.1	0.062	OK	223.0203	0.01	0.01	F009443
0100075-02 HgII	64.033	127.6	182.0	223.05	223.04	140.5	0.320	OK	223.0203	0.01	0.01	F009443

#203: 0100075-03



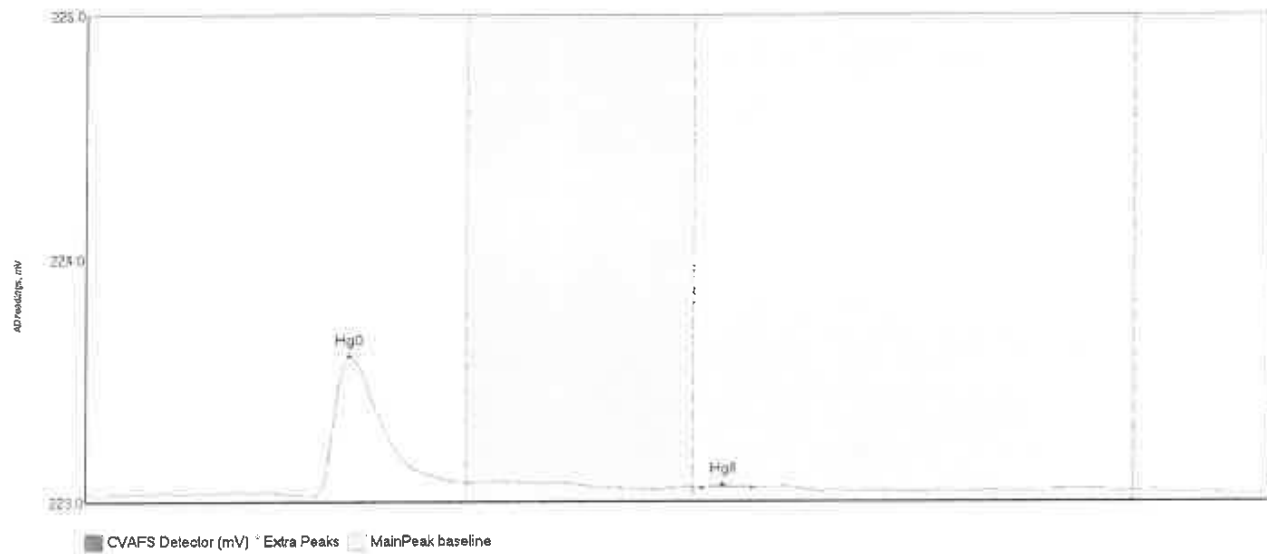
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100075-03 Hg0	74.782	30.7	79.6	223.02	223.07	55.7	0.700	OK	223.0119	0.00	0.02	F009443
0100075-03 MHg	9.957	80.6	104.0	223.07	223.07	88.9	0.088	OK	223.0119	0.00	0.02	F009443
0100075-03 HgII	10.253	128.9	164.5	223.05	223.05	141.4	0.064	OK	223.0119	0.00	0.02	F009443

#204: SEQ-CCVH



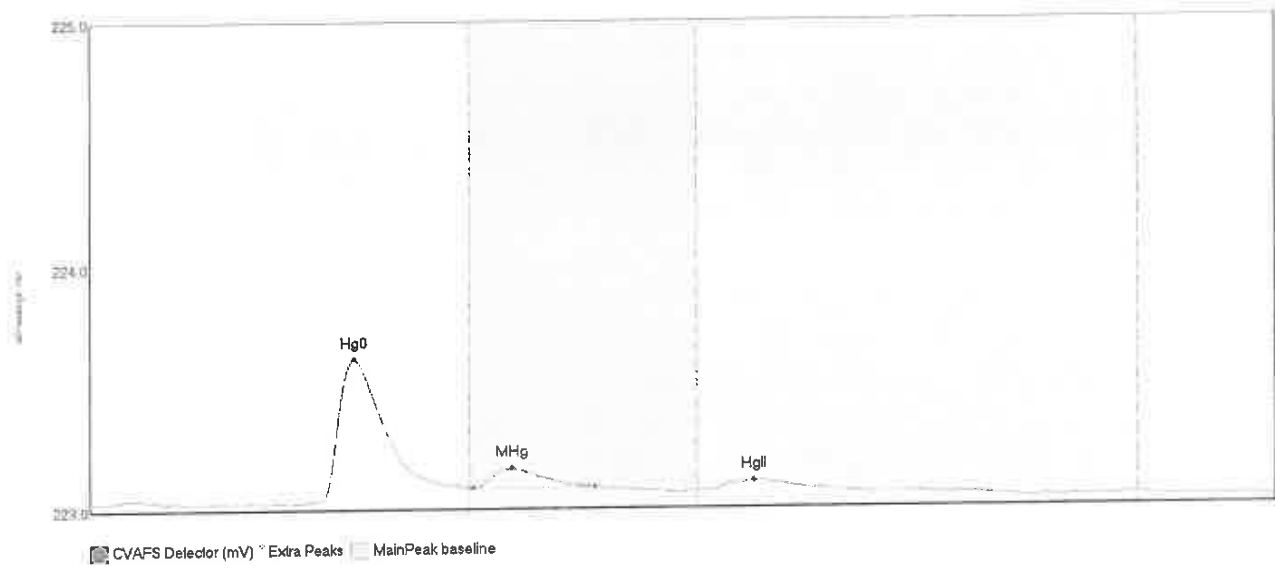
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVH Hg0	66.735	48.2	79.1	223.03	223.08	55.6	0.614	OK	223.0255	0.00	0.01	
SEQ-CCVH M/Hg	71.358	80.0	118.5	223.08	223.09	88.6	0.511	OK	223.0255	0.00	0.01	

#205: SEQ-CCBH



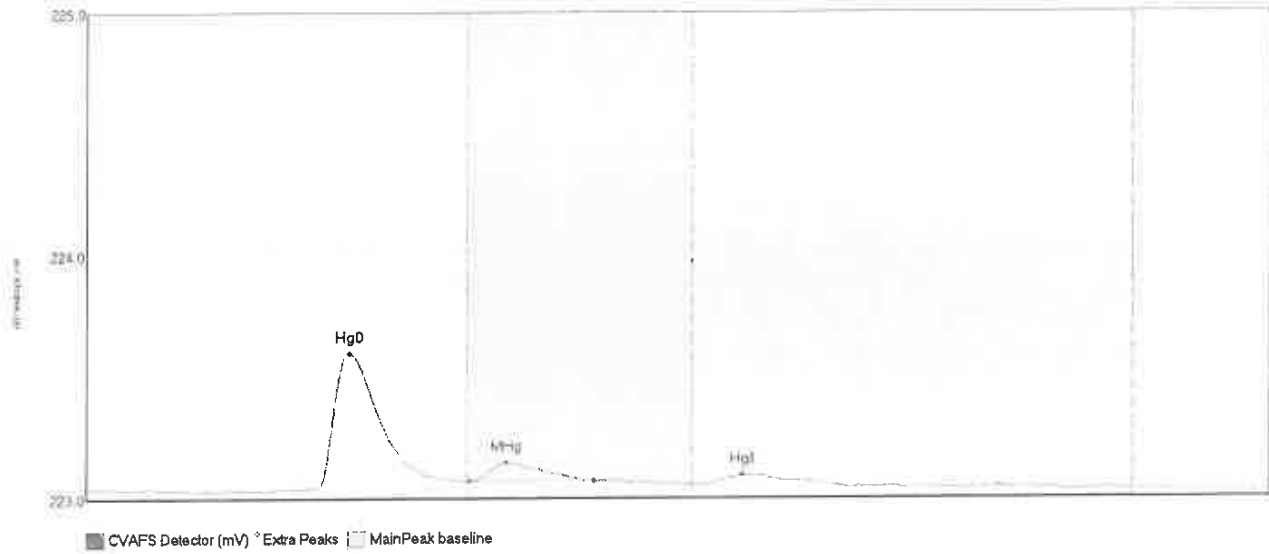
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	REMOVED	Comment
223.0376	62.664	48.1	80.0	223.03	223.03	55.3	0.571	CT	223.0376	0.00	9.00	
223.0376	0.610	129.3	139.8	223.06	223.06	133.7	0.011	OK	223.0376	0.00	9.00	

#206: 0100075-04



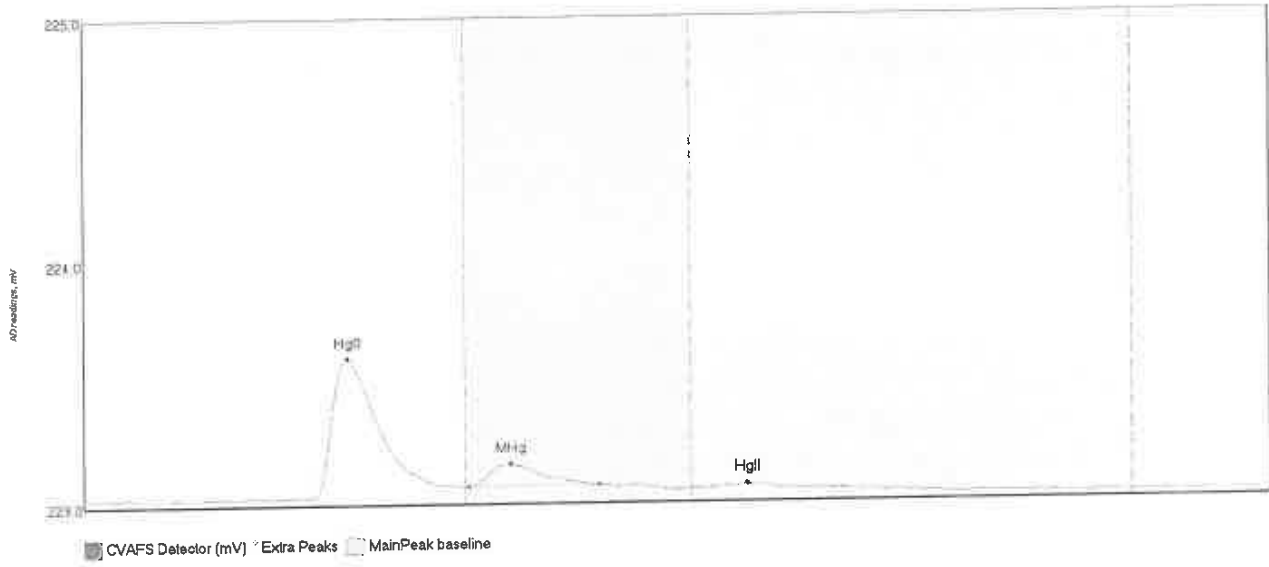
Date	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	HiDev	BiShift	Comment
0100075-04	Hg0 62.598	47.7	79.0	223.03	223.08	55.6	0.582	OK	223.0292	0.25	0.00	F009443
0100075-04	MHg 9.446	80.7	105.9	223.08	223.09	88.5	0.082	OK	223.0292	0.25	0.00	F009443
0100075-04	HgII 4.420	131.0	153.2	223.07	223.08	139.4	0.040	OK	223.0292	0.25	0.00	F009443

#207: 0100075-05



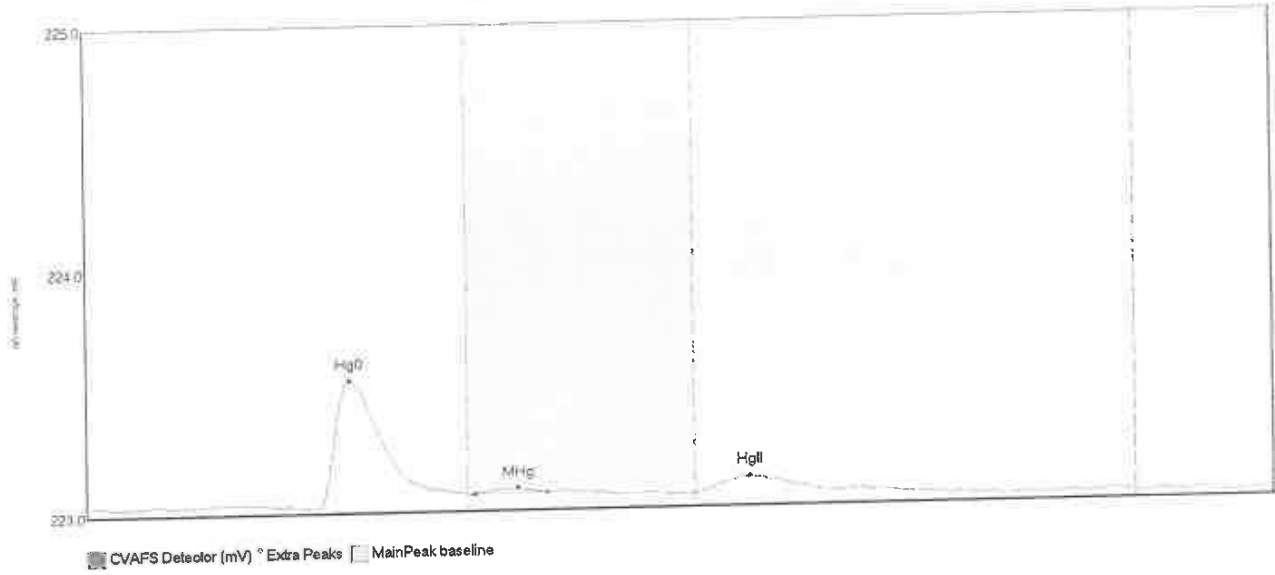
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Height	Shift	Comment
0100075-05 Hg0	59.561	48.6	80.0	223.05	223.08	55.4	0.558	CT	223.0474	2.00	-0.01	F009443
0100075-05 MHg	9.408	80.5	106.5	223.08	223.08	88.2	0.076	OK	223.0474	3.00	-0.01	F009443
0100075-05 HgII	5.208	129.4	154.6	223.06	223.06	138.1	0.039	OK	223.0474	4.00	-0.01	F009443

#208: 0100080-01



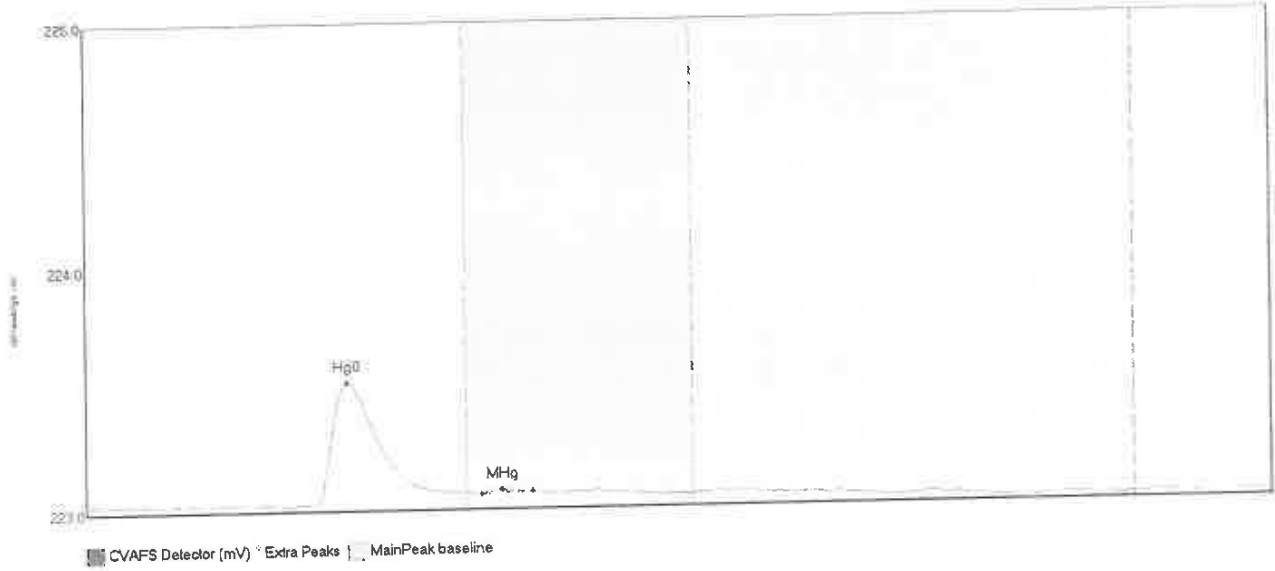
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
Hg0 60.915	43.0	80.0	223.03	223.07	55.5	0.574	CT	223.0257	0.00	F009443
MHg 12.048	80.9	108.3	223.07	223.07	89.6	0.093	OK	223.0257	0.00	F009443
Hg1 1.407	132.8	145.7	223.06	223.05	139.1	0.017	OK	223.0257	0.00	F009443

#209: 0100080-02



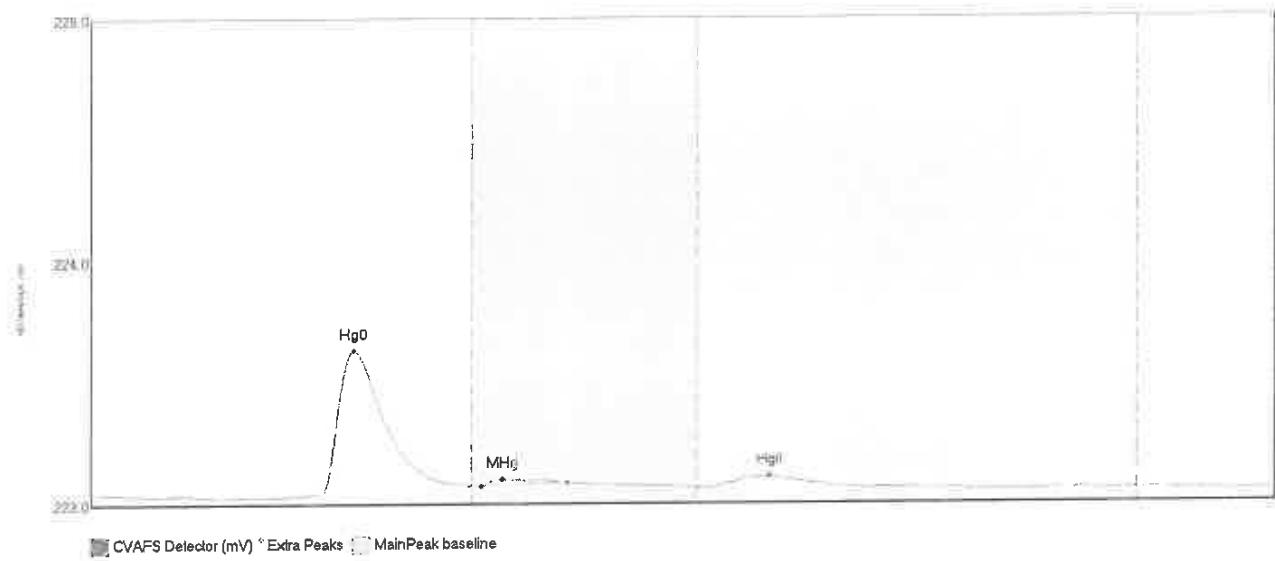
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100000-02 Hg0	56.955	48.6	80.0	223.04	223.08	55.3	0.523	CT	223.0492	0.00	-0.01	F009443
0100080-02 MHg	1.804	81.7	96.8	223.08	223.08	90.7	0.021	OK	223.0492	0.00	-0.01	F009443
0100080-02 HgII	9.790	127.5	154.8	223.07	223.07	139.0	0.071	OK	223.0492	0.00	-0.01	F009443

#210: 0100080-03



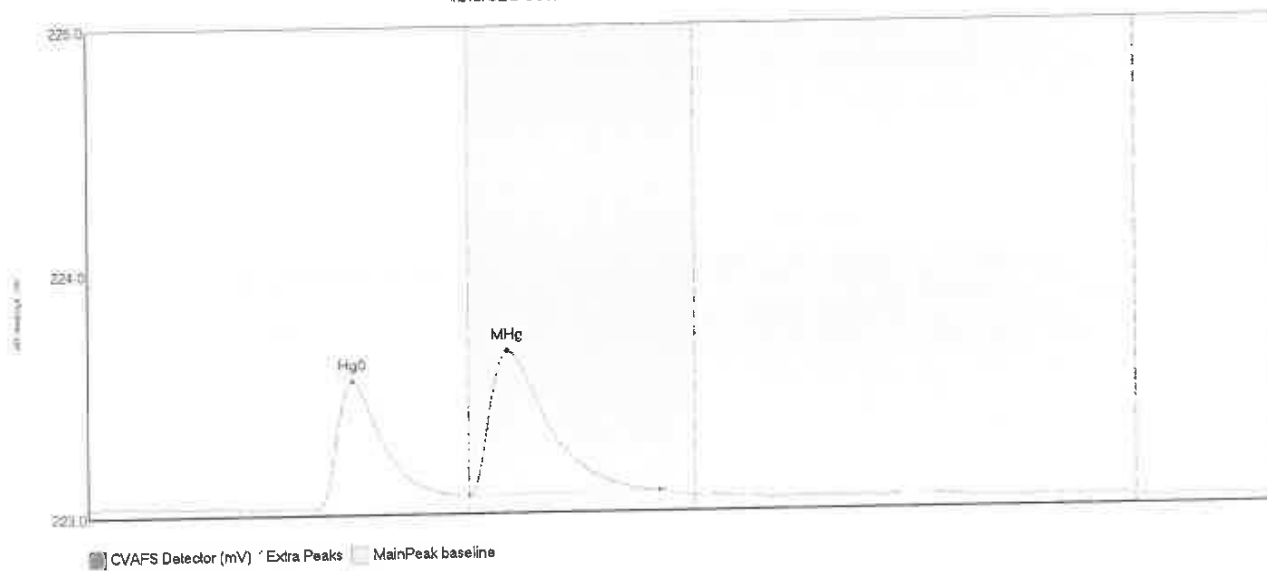
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100080-03 Hg0	54.320	47.9	80.0	223.04	223.08	55.0	0.503	CT	223.0496	0.00	-0.01	F009443
0100080-03 MHg	0.861	83.1	93.5	223.08	223.09	87.3	0.019	OK	223.0496	0.00	-0.01	F009443

#211: 0100080-04



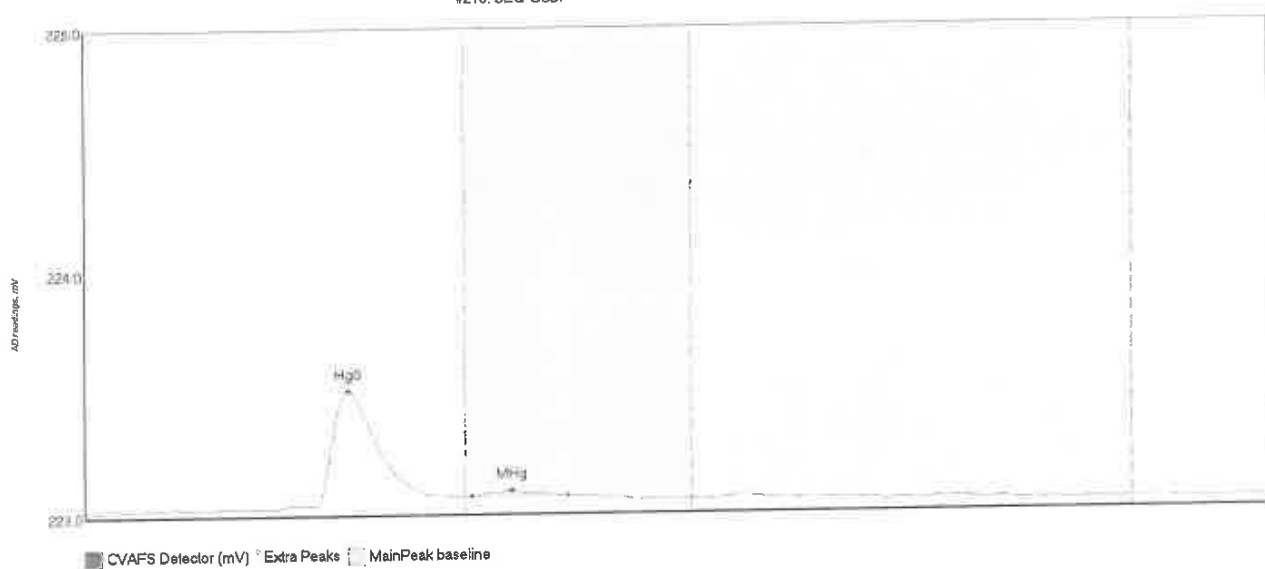
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100080-04 Hg0	63.733	48.3	79.0	223.04	223.06	55.4	0.591	OK	223.0457	0.00	0.00	F009443
0100080-04 MHg	2.733	82.1	100.2	223.06	223.06	86.4	0.027	OK	223.0457	0.00	0.00	F009443
0100080-04 HgII	6.853	129.3	157.1	223.06	223.07	142.6	0.049	OK	223.0457	0.00	0.00	F009443

#212: SEQ-CCVI



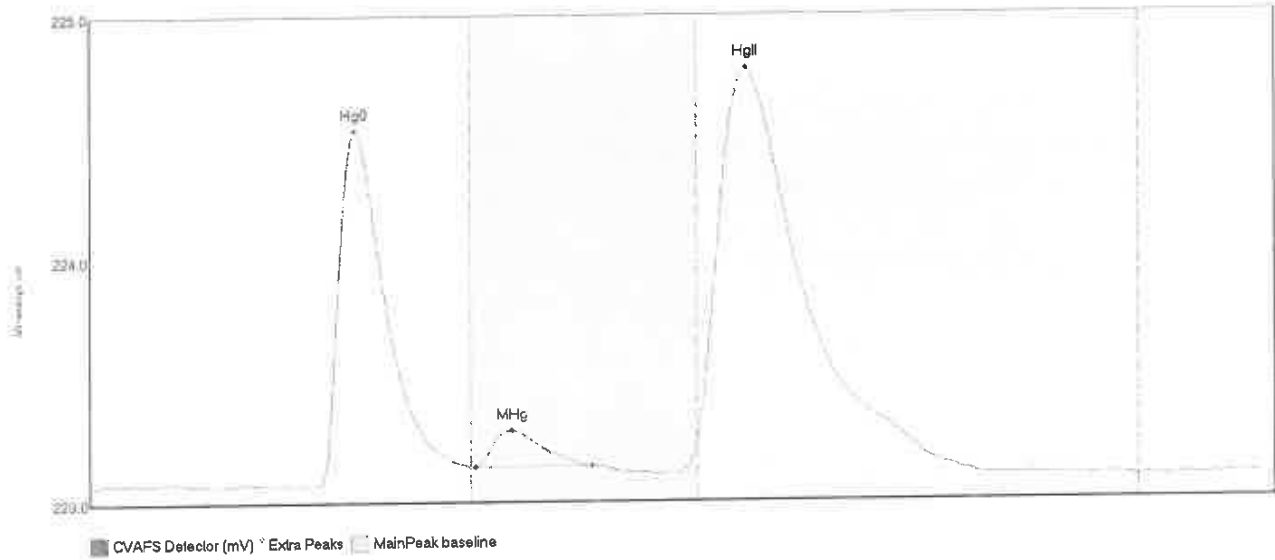
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention	B1Dev	B1Shift	Comment
SEQ-CCVI Hg0	56.574	47.3	79.0	223.04	223.08	55.6	0.519	OK	223.04	0.00	0.00	
SEQ-CCVI MHg	83.471	80.0	119.9	223.09	223.10	83.1	0.592	OK	223.09	0.00	0.00	

#213: SEQ-CCBI



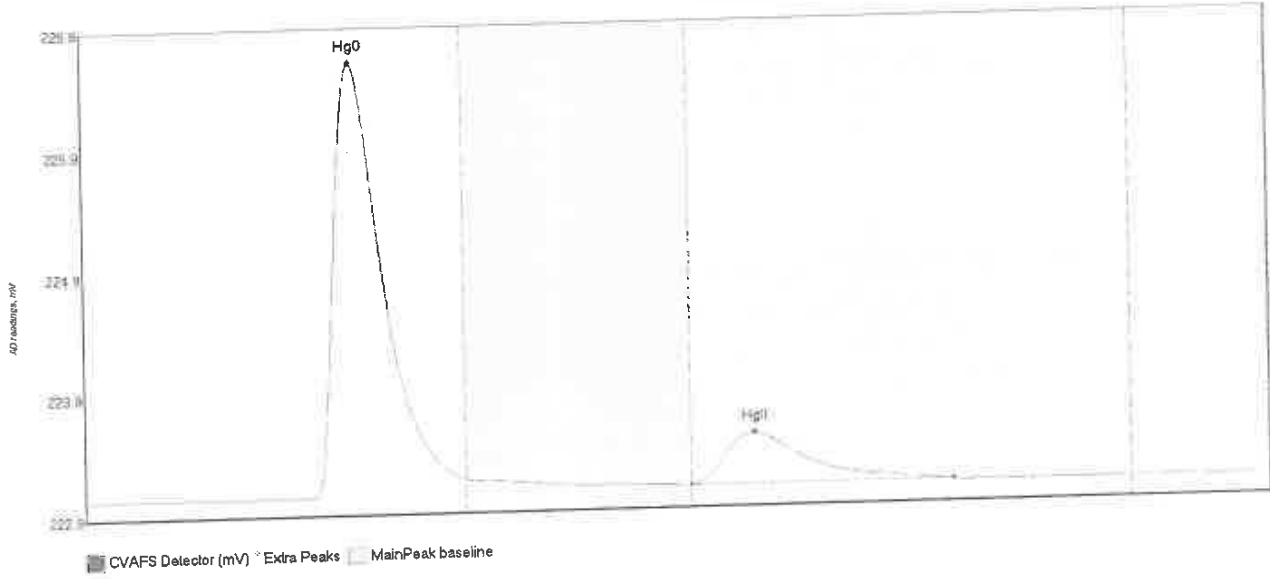
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	S1Shift	Comment
SEQ-CCBI Hg0	49.143	11.5	79.1	223.04	223.08	55.4	0.490	OK	223.0316	0.00	0.02	
SEQ-CCBI MHg	2.372	81.5	101.6	223.08	223.06	89.8	0.023	OK	223.0316	0.00	0.02	

#214: 0100073-57



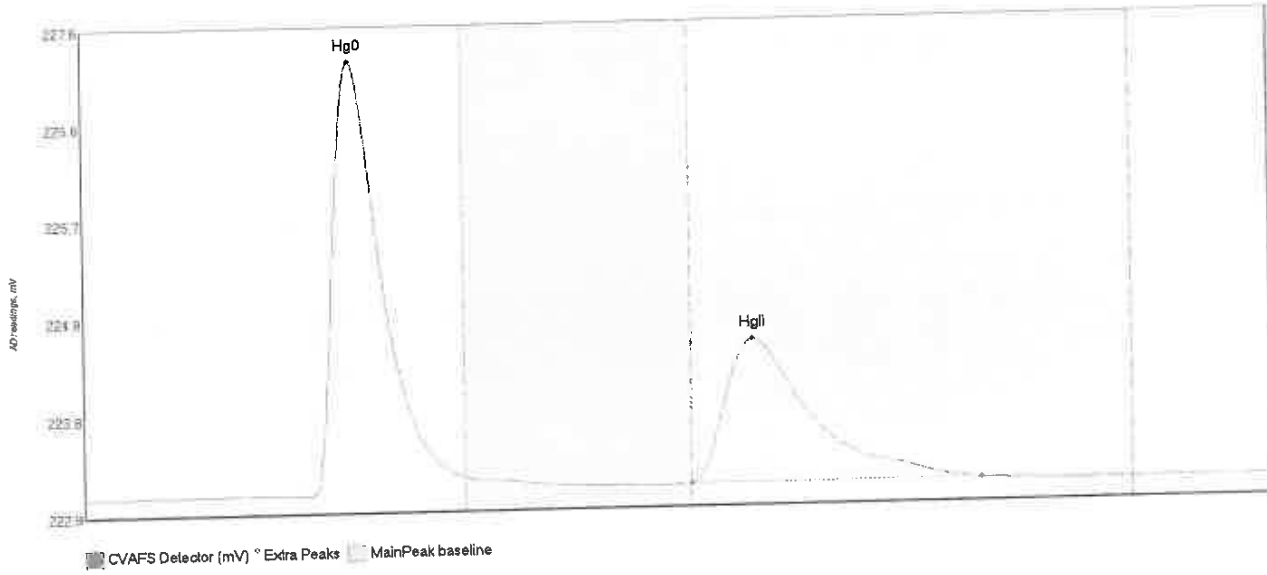
Wave	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment	
0100073-57	Hg0	162.004	48.2	80.0	223.03	223.10	55.8	1.460	CT	223.0282	0.00	0.03	F009426
0100073-57	MHg	17.362	81.0	105.5	223.10	223.10	88.5	0.148	OK	223.0282	0.00	0.03	F009426
0100073-57	HgII	298.166	127.5	133.7	223.21	223.09	137.6	1.523	OK	223.0282	0.00	0.03	F009426

#215: 0100073-59



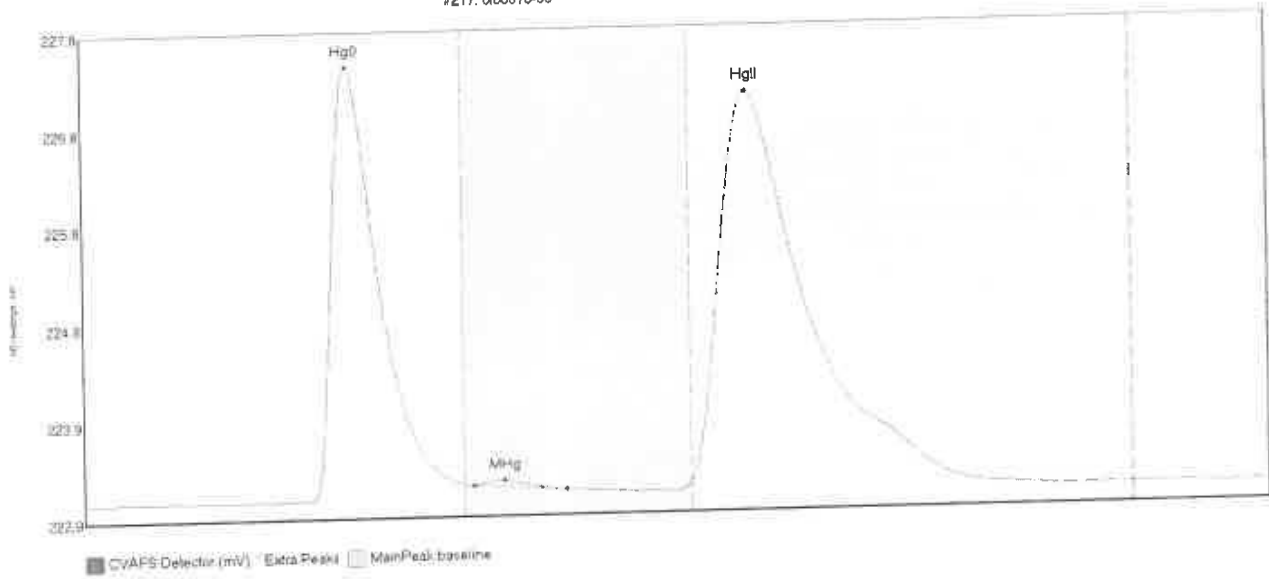
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Comment
0100073-59 Hg0	397.749	48.3	80.0	223.05	223.18	56.5	3.538	CT	223.0512	0.00	F009426
0100073-59 HgI	84.558	127.5	162.3	223.08	223.08	140.7	0.416	OK	223.0512	0.00	F009426

#216: 0100073-60



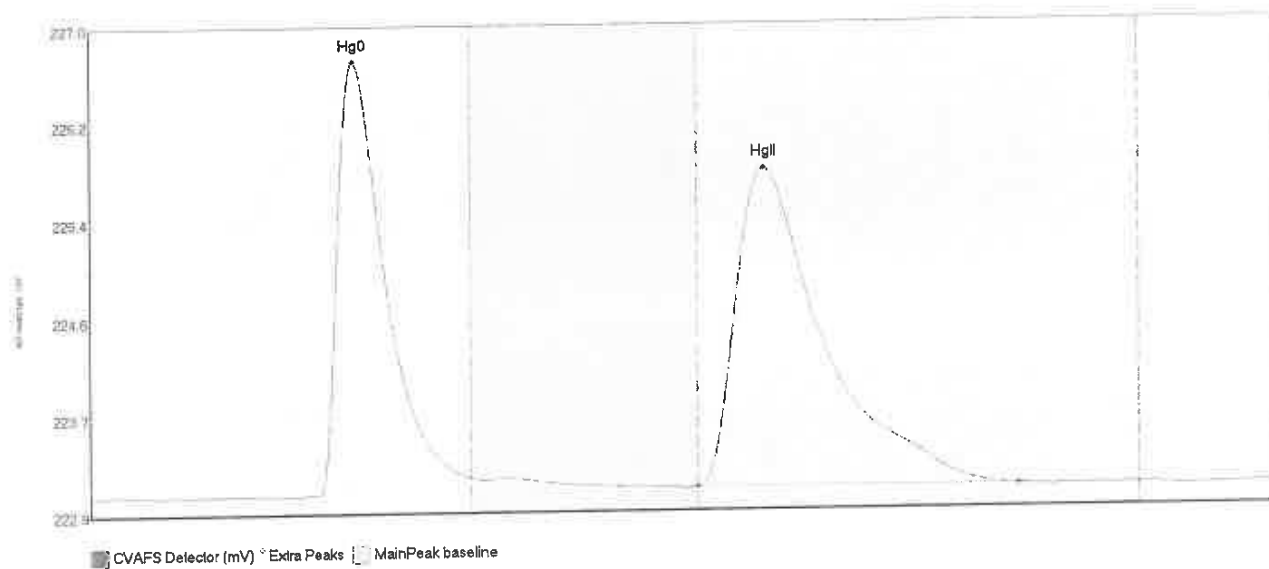
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-60 Hg0	472.212	46.9	60.0	223.06	223.21	56.1	4.183	CT	223.0592	0.00	0.03	F009426
0100073-60 HgII	265.642	127.5	188.1	223.11	223.11	140.2	1.384	OK	223.0592	0.00	0.03	F009426

#217: 000073-63



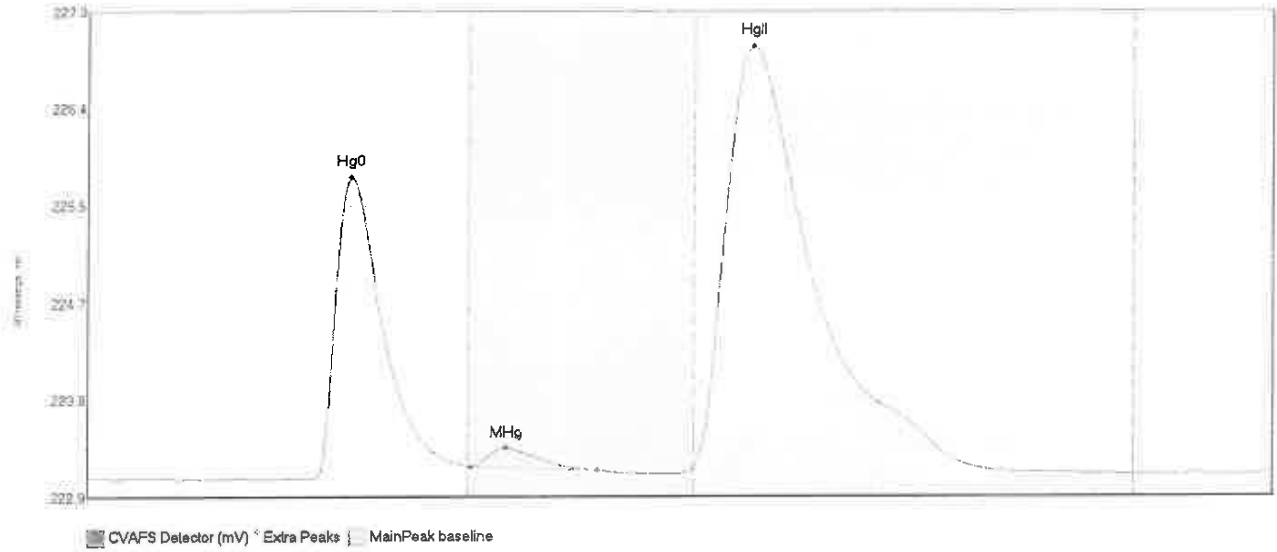
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100073-63 Hg0	482.741	47.7	80.0	223.07	223.21	55.7	4.337	CT	223.0708	0.00	0.04	F009426
0100073-63 MHg	5.933	81.9	101.1	223.20	223.15	88.4	0.051	OK	223.0708	0.00	0.04	F009426
0100073-63 HgI	805.048	127.5	191.6	223.21	223.13	139.5	3.879	OK	223.0708	0.00	0.04	F009426

#218: 0100073-64



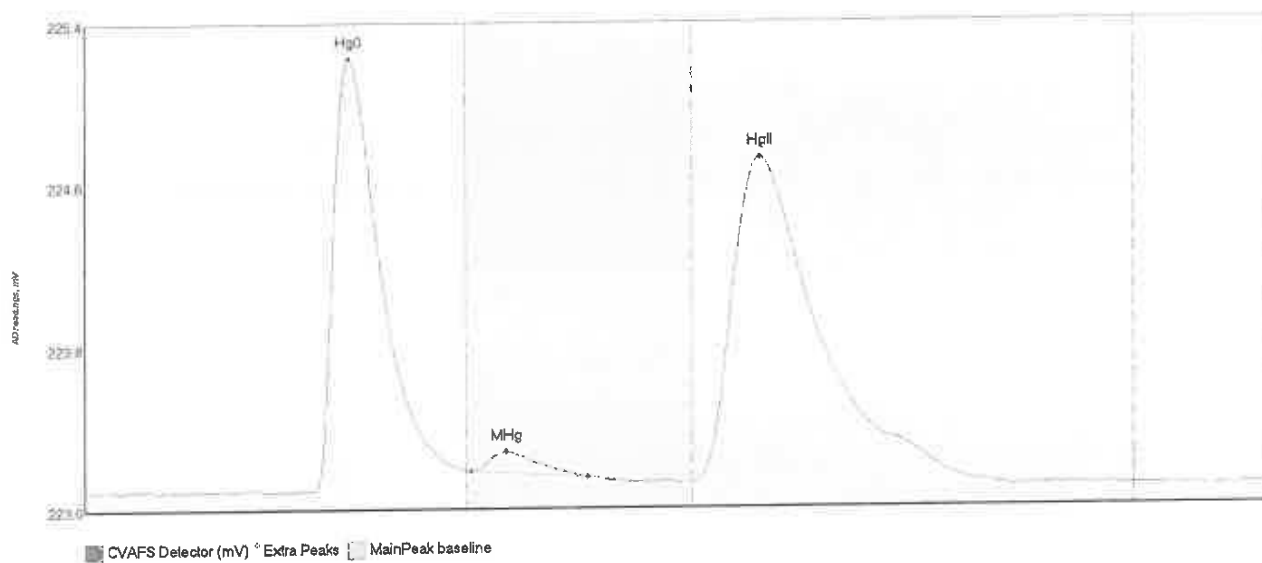
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100073-64 Hg0	404.844	44.8	80.0	223.08	223.22	55.6	3.655	CT	223.0720	0.00	0.04	F009426
0100073-64 HgII	573.575	127.5	194.4	223.12	223.11	141.5	2.685	OK	223.0720	0.00	0.04	F009426

#219: 0100073-66



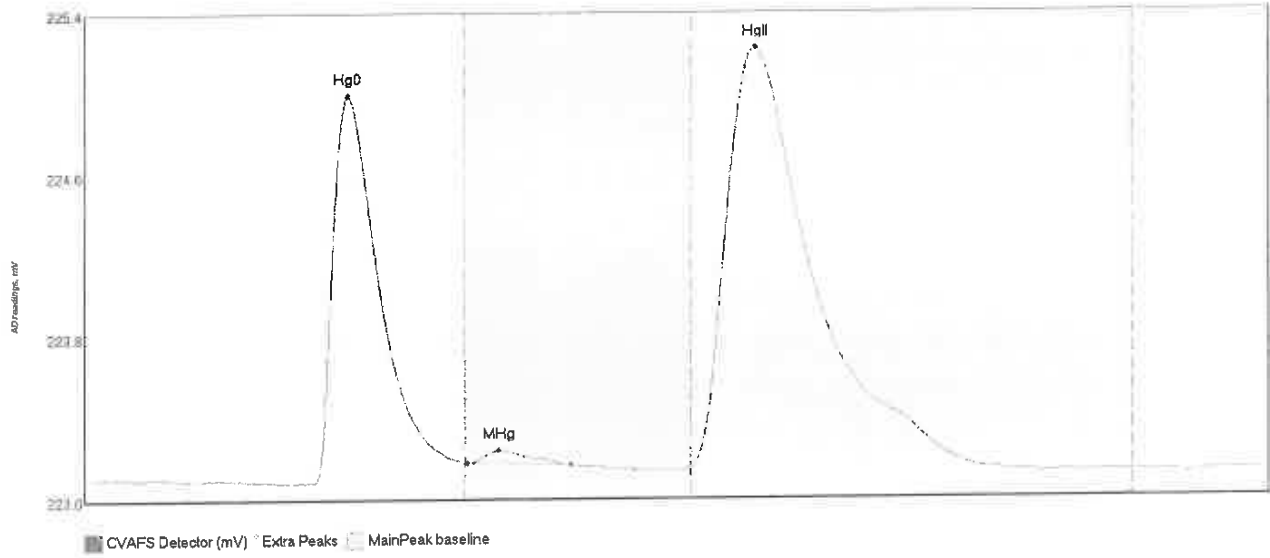
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-66 Hg0	297.720	47.1	80.0	223.08	223.18	55.3	2.690	CT	223.0825	0.00	0.05	F009426
0100073-66 MHg	20.533	80.5	107.2	223.19	223.19	87.9	0.169	OK	223.0825	0.00	0.05	F009426
0100073-66 HgII	789.209	127.5	190.5	223.18	223.18	139.3	3.759	OK	223.0825	0.00	0.05	F009426

#220: 0100073-69



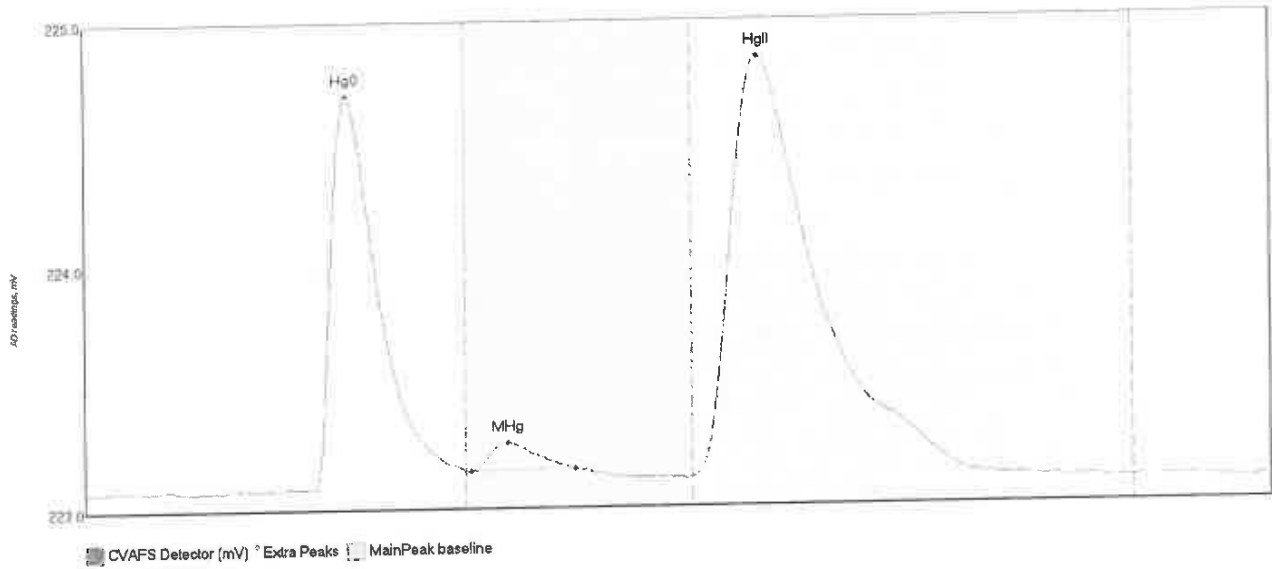
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-69 Hg0	236.007	48.1	80.0	223.09	223.18	55.6	2.127	CT	223.0947	0.00	0.00	F009426
0100073-69 MHg	12.450	81.1	105.4	223.18	223.15	88.5	0.100	OK	223.0947	0.00	0.00	F009426
0100073-69 HgII	330.379	127.5	187.5	223.12	223.12	141.6	1.605	OK	223.0947	0.00	0.00	F009426

#221: 000079-70



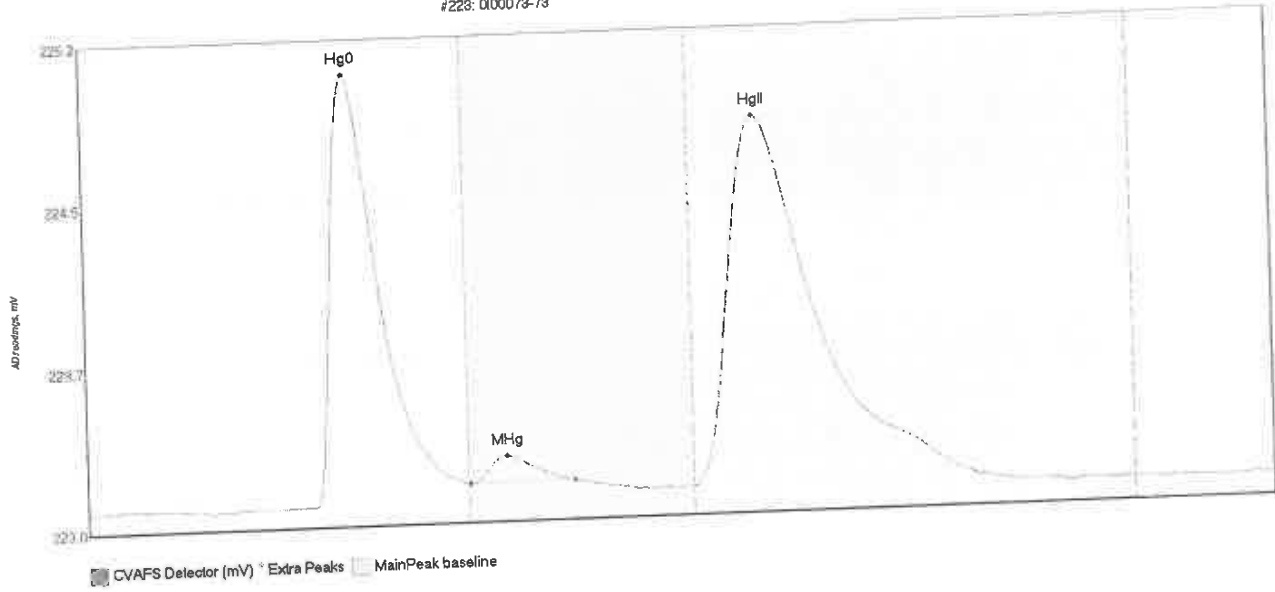
Time	Area	Start Time	End Time	Start Value	End Value	Peak Max	Baseline	Flags	Width (min)	Height	Area	Volume
47.9	214.734	47.9	59.8	223.07	222.17	225.4	222.17	CT	22.9	9.8	214.734	0.00000
80.5	7.147	80.5	100.0	223.17	222.18	223.17	222.18	OK	19.5	0.3	7.147	0.00000
127.5	441.531	127.5	155.4	223.14	222.18	225.0	222.18	OK	27.9	10.8	441.531	0.00000

#222: 0100073-72



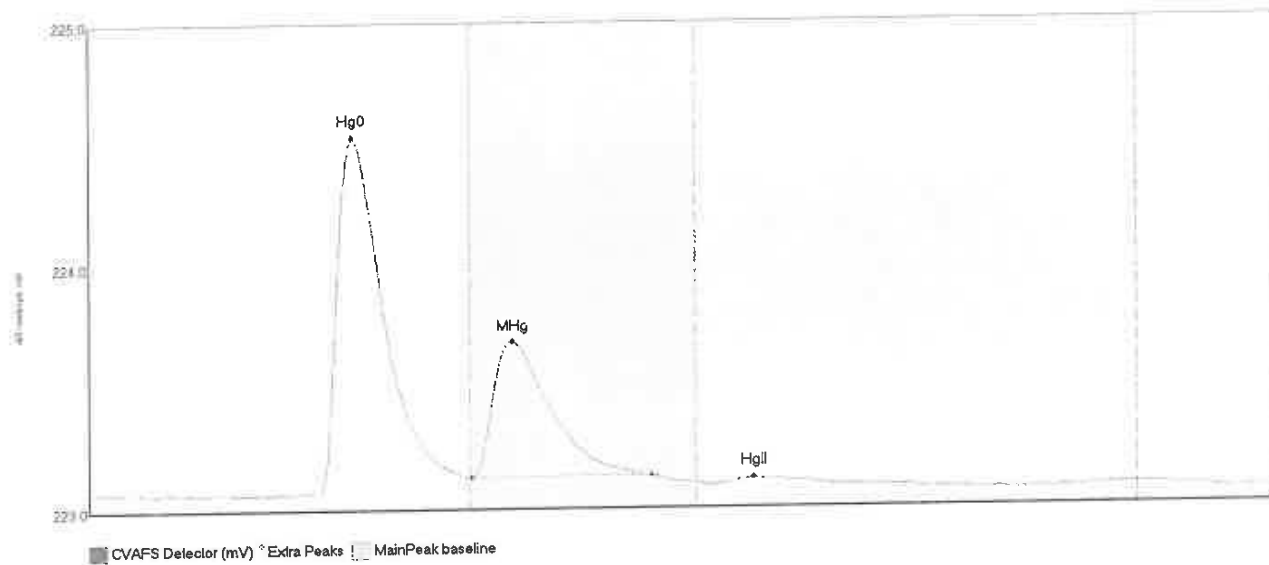
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIShift	Comment
0100073-72 Hg0	176.228	41.1	60.0	223.09	223.17	55.3	1.621	CT	223.0855	0.02	F009426
0100073-72 MHg	12.149	81.1	102.7	223.16	223.17	88.7	0.113	OK	223.0855	0.02	F009426
0100073-72 HgII	358.494	127.5	188.1	223.13	223.14	141.3	1.726	OK	223.0855	0.02	F009426

#223: 0100073-73



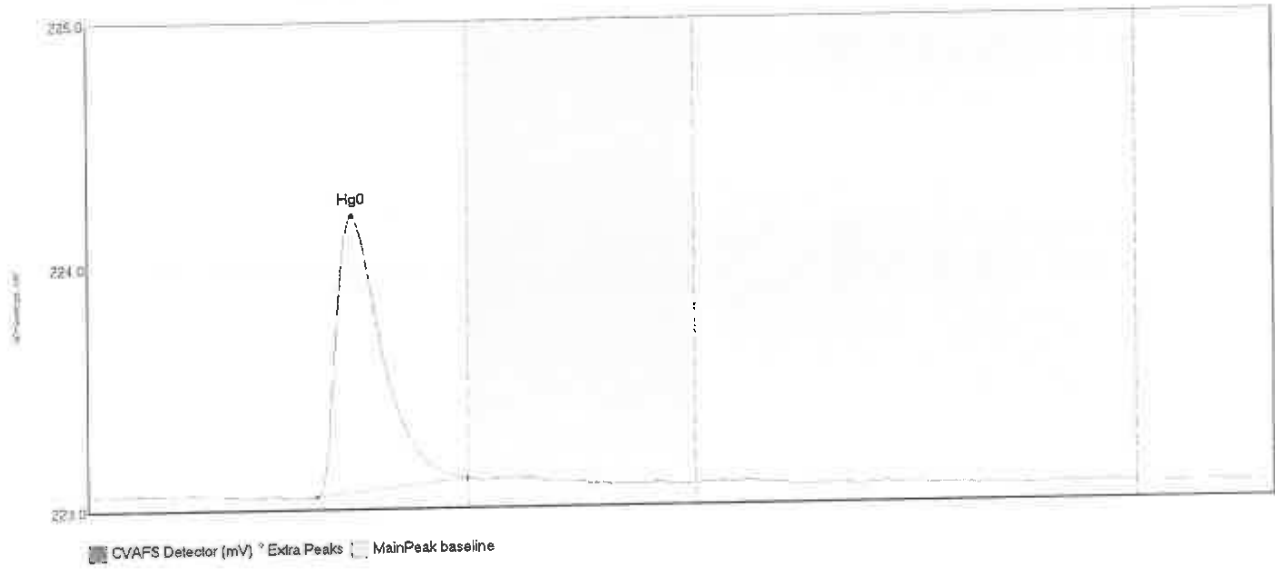
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiShift	Comment
0100073-73 Hg0	213.124	44.1	80.0	223.09	223.18	55.3	1.935	CT	223.0864	0.02	F009426
0100073-73 MHg	12.661	80.4	102.2	223.17	223.17	38.1	0.118	OK	223.0864	0.02	F009426
0100073-73 HgII	345.162	127.5	190.3	223.13	223.12	141.0	1.651	OK	223.0864	0.02	F009426

#224: SEQ-CCVJ



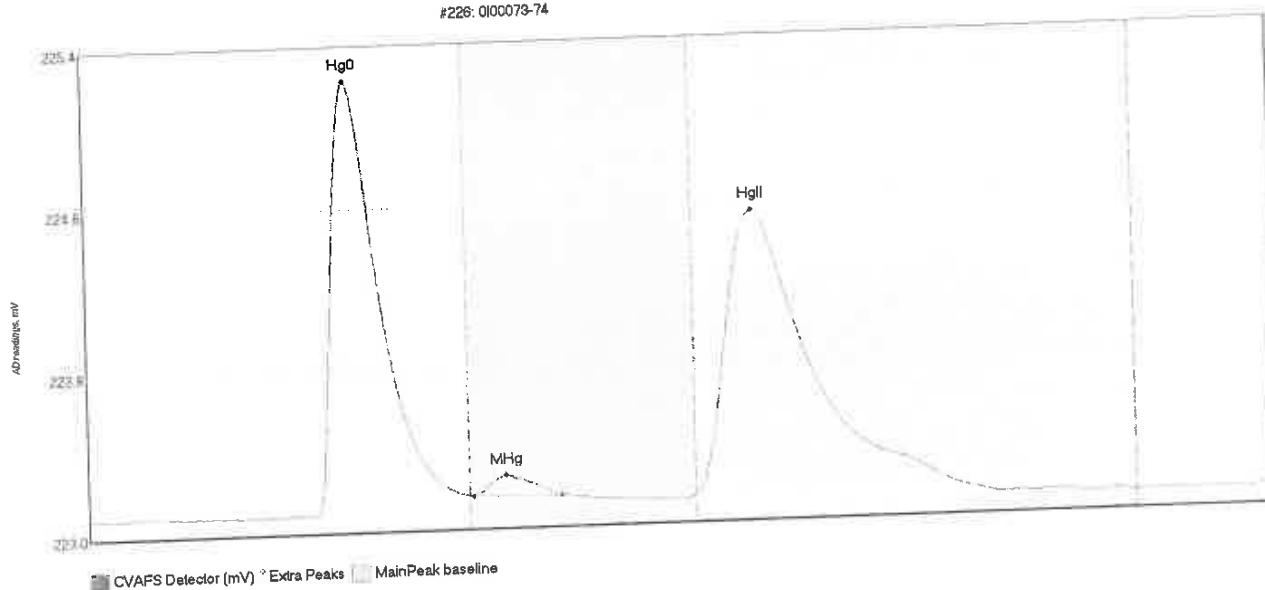
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
SEQ-CCVJ Hg0	160.120	47.7	80.0	223.09	223.15	55.3	1.464	CT	223.0896	0.00	0.00	
SEQ-CCVJ MHg	77.390	80.4	118.2	223.15	223.16	88.8	0.556	OK	223.0896	0.00	0.00	
SEQ-CCVJ HgII	2.247	132.9	151.4	223.12	223.13	139.5	0.027	OK	223.0896	0.00	0.00	

#225: SEQ-CCBJ



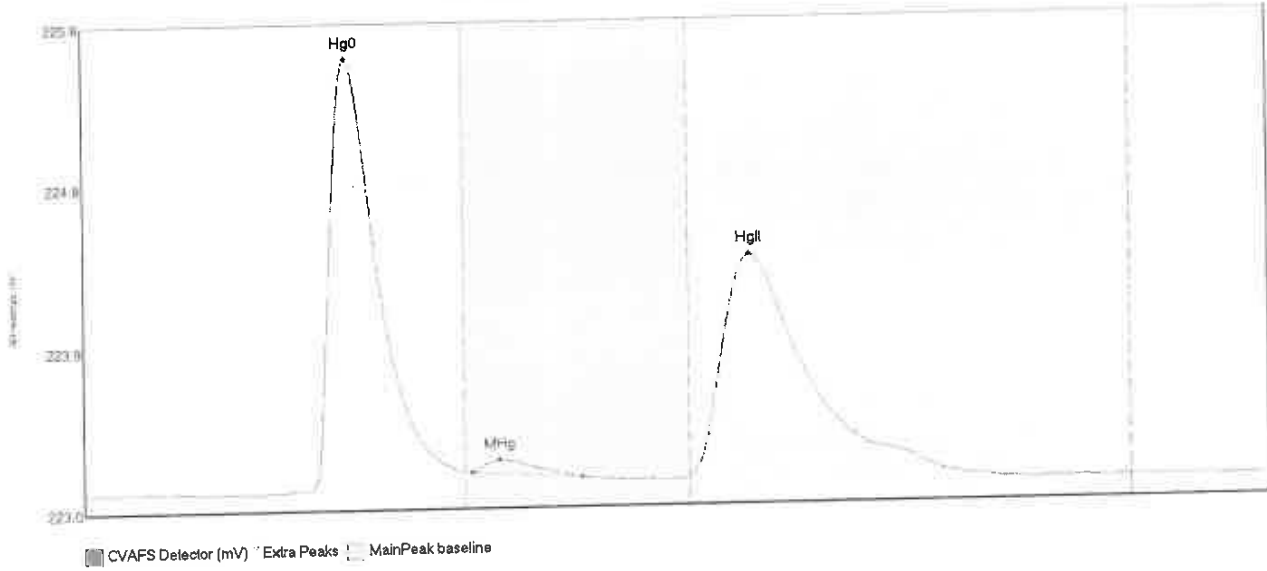
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RiDev	Activity	Comment
SEQ-CCBJ	126.472	48.0	79.7	223.08	223.15	55.5	1.153	OK	223.0898	0.00	8181	

#226: 0100073-74



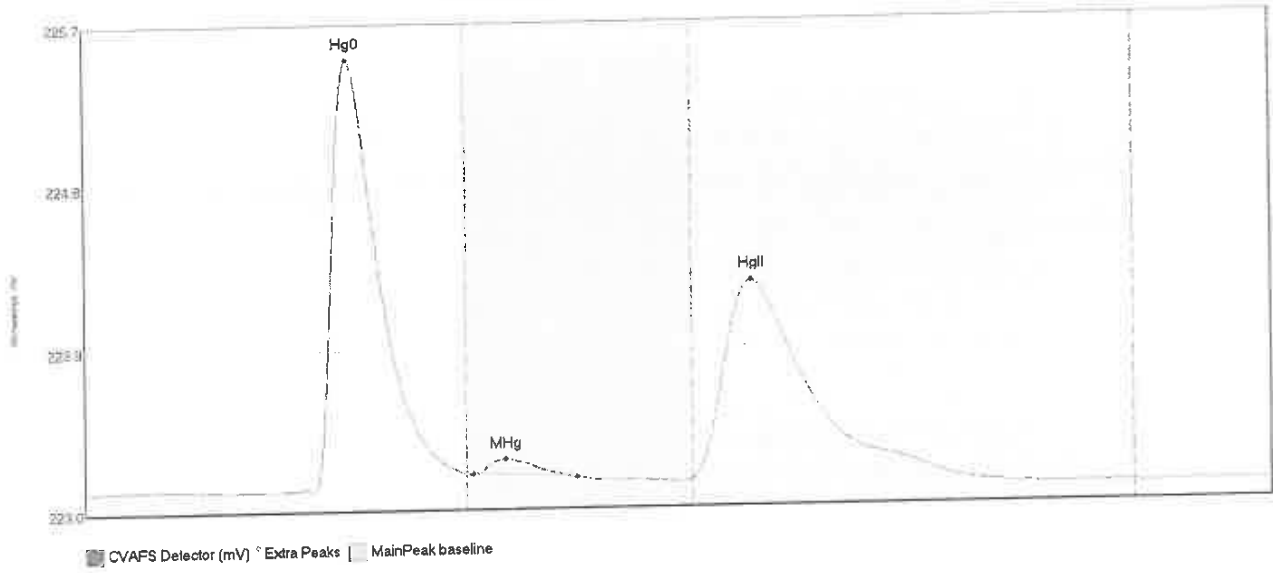
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-74 Hg0	238.302	47.8	80.0	223.09	223.17	55.3	2.153	CT	223.0894	0.00	0.01	F009426
0100073-74 MHg	10.053	80.8	99.2	223.16	223.15	87.6	0.099	OK	223.0894	0.00	0.01	F009426
0100073-74 HgII	284.378	127.5	185.4	223.13	223.14	140.0	1.412	OK	223.0394	0.00	0.01	F009426

#227: 0100073-75



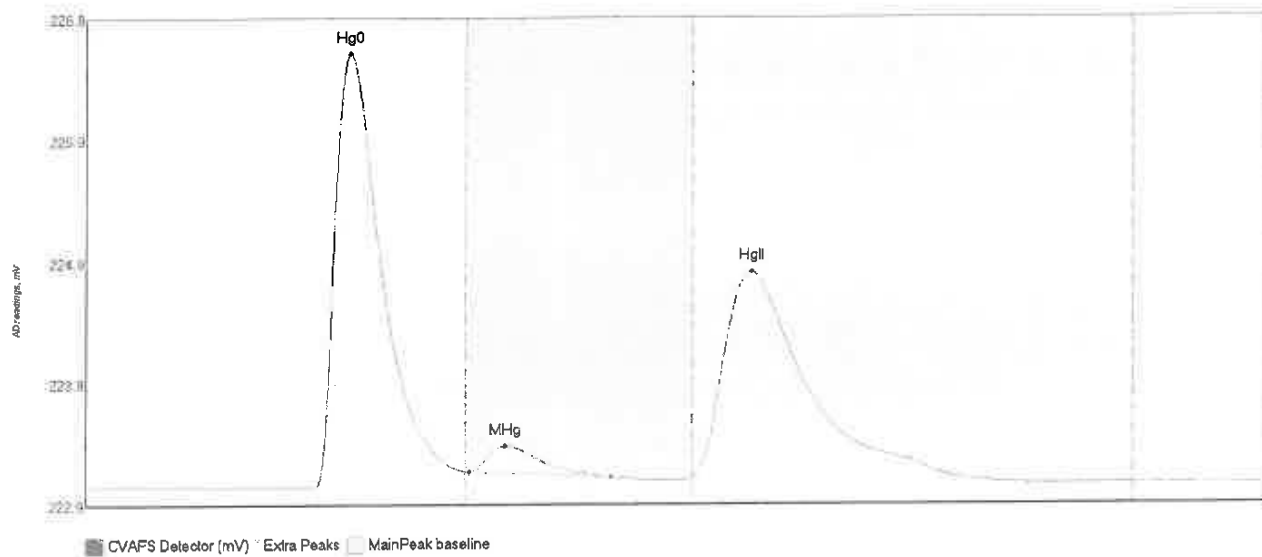
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100073-75 Hg0	281.414	44.4	80.0	223.09	223.20	55.4	2.553	CT	223.0878	0.00	0.02	F009426
0100073-75 MHg	9.982	81.4	104.7	223.19	223.15	87.2	0.071	OK	223.0878	0.00	0.02	F009426
0100073-75 HgII	262.172	127.5	184.5	223.15	223.14	139.9	1.302	OK	223.0878	0.00	0.02	F009426

#228: 0100073-78



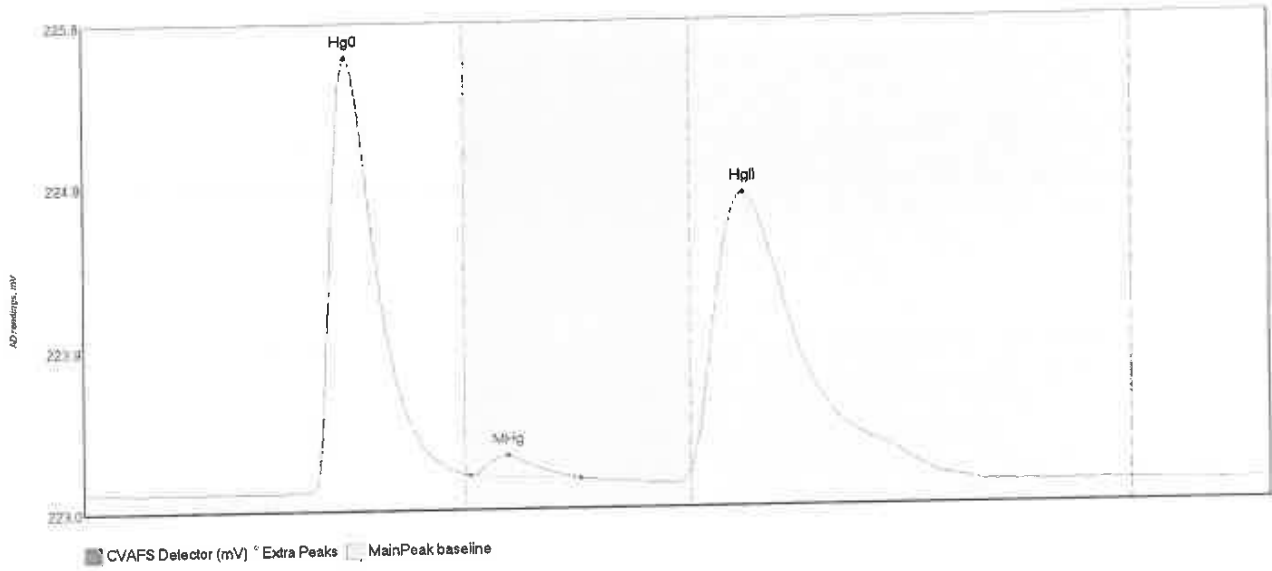
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	BShift	Comment
0100073-78 Hg0	265.642	47.9	80.0	223.09	223.18	55.3	2.404	CT	223.0916	0.00	-0.02	F009426
0100073-78 MHg	10.069	81.4	103.2	223.17	223.15	88.2	0.083	OK	223.0916	0.00	-0.02	F009426
0100073-78 HgII	217.227	127.5	182.1	223.13	223.13	139.3	1.099	OK	223.0916	0.00	-0.02	F009426

#229: 000073-79



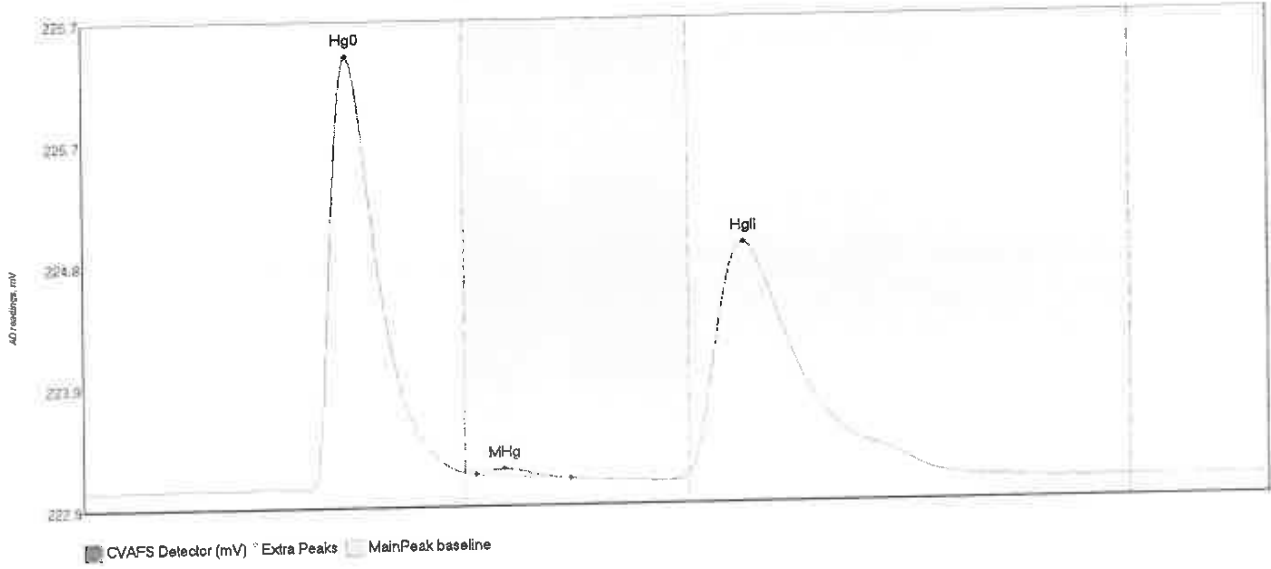
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	BlDev	BlShift	Comment
0100073-79, Hg0	387.994	47.5	80.0	223.09	223.22	55.6	3.479	CT	0.00	0.03	F009426
0100073-79, MHg	28.590	80.8	110.4	223.21	223.16	88.3	0.210	OK	0.00	0.03	F009426
0100073-79, HgII	337.565	127.5	191.5	223.16	223.12	139.8	1.659	OK	0.00	0.03	F009426

#230: 0100073-81



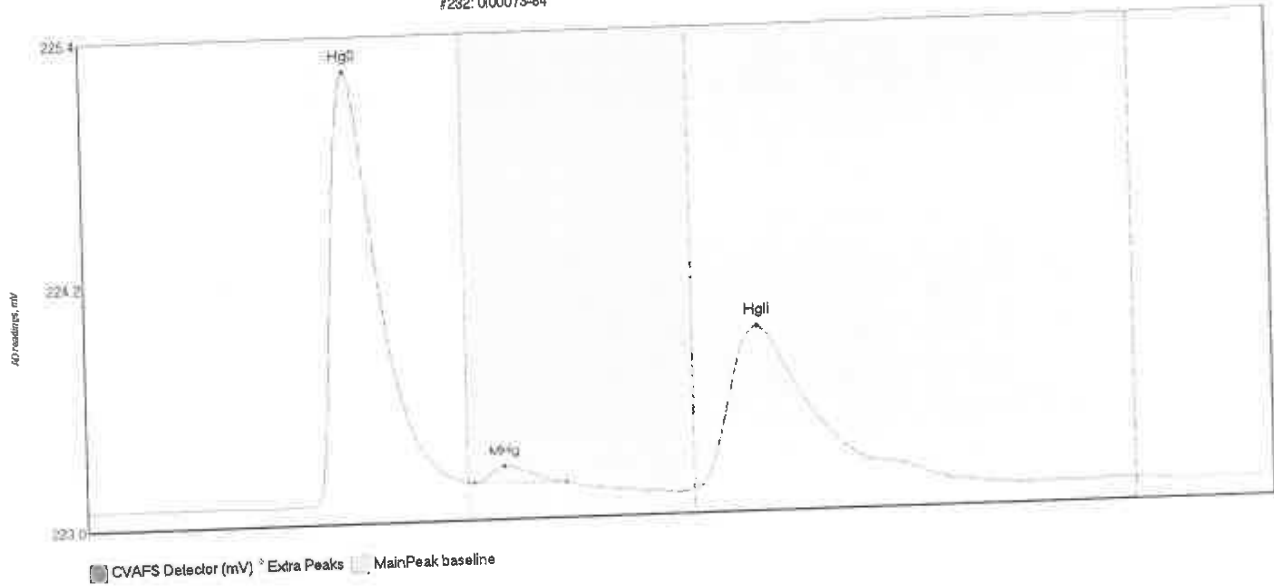
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-81 Hg0	278.447	47.0	80.0	223.09	223.19	55.3	2.530	CT	223.0937	0.00	0.02	F009426
0100073-81 MHg	13.447	81.0	104.0	223.18	223.15	89.0	0.111	OK	223.0937	0.00	0.02	F009426
0100073-81 HgII	319.078	127.5	180.4	223.21	223.16	138.4	1.603	OK	223.0937	0.00	0.02	F009426

#231: 0100073-82



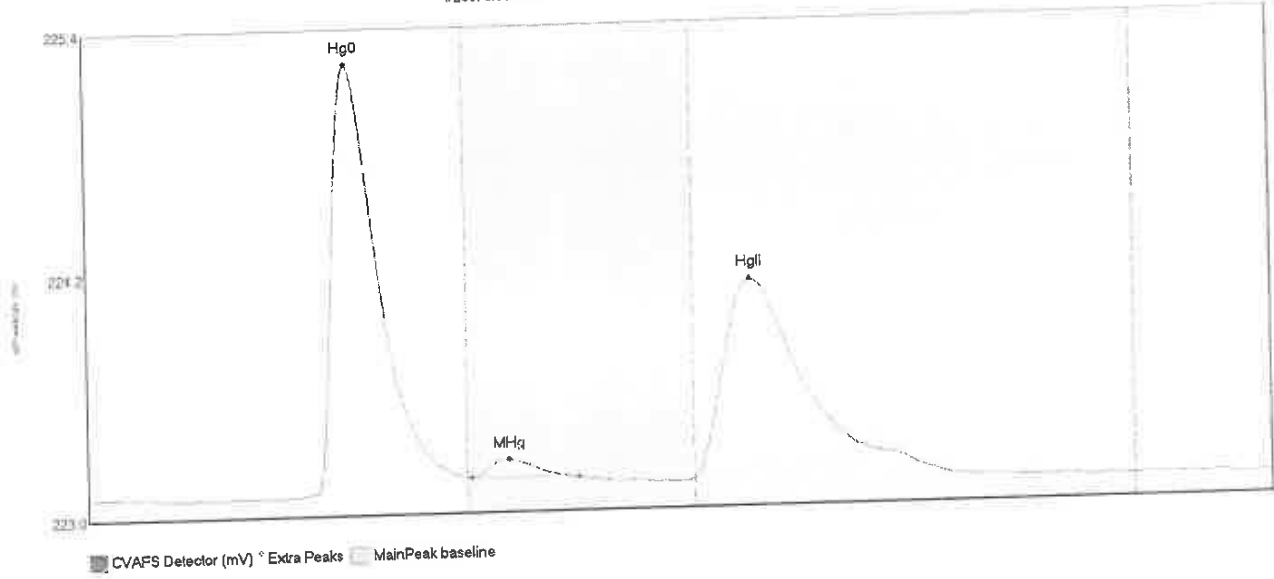
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100073-82 Hg0	357.774	6.2	80.0	223.09	223.21	55.6	3.311	CT	223.0833	0.00	0.02	F009426
0100073-82 MHg	5.238	82.3	102.3	223.20	223.15	88.3	0.040	OK	223.0833	0.00	0.02	F009426
0100073-82 HgII	353.501	127.5	167.7	223.18	223.13	138.7	1.754	OK	223.0833	0.00	0.02	F009426

#232: 0100073-84



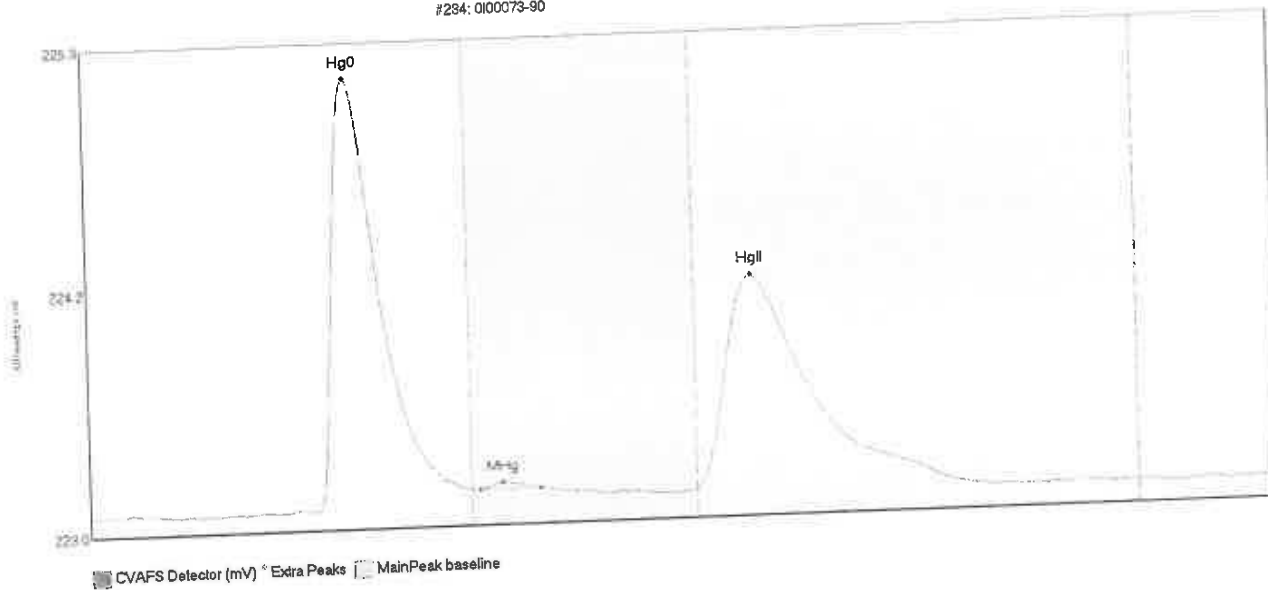
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-84 Hg0	233.903	47.8	80.0	223.10	223.19	55.4	2.138	CT	223.0967	0.00	0.01	F009426
0100073-84 MHg	7.923	81.3	100.8	223.19	223.18	87.7	0.078	OK	223.0967	0.00	0.01	F009426
0100073-84 HgII	160.162	127.5	183.2	223.12	223.13	140.3	0.800	OK	223.0967	0.00	0.01	F009426

#233: D100079-85



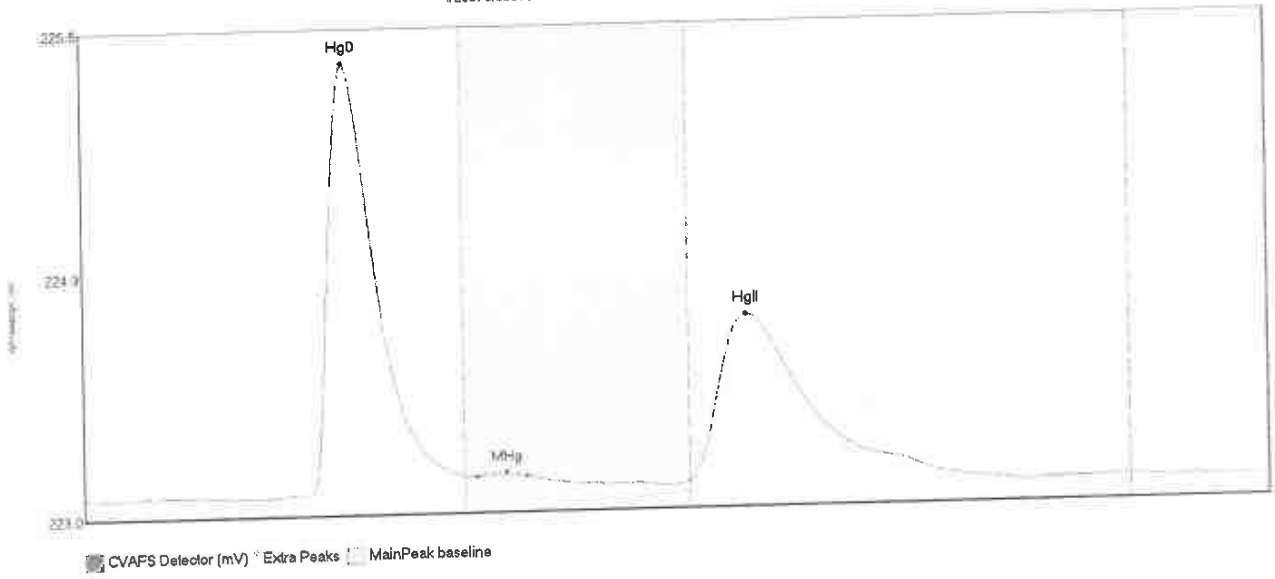
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
231.909	Hg0	44.2	80.0	223.10	223.18	55.1	2.139	CT	223.1008	0.00	0.01	F009426
10.406	MHg	80.9	103.1	223.17	223.17	88.6	0.093	OK	223.1008	0.00	0.01	F009426
194.333	HgII	127.5	182.1	223.15	223.14	139.3	0.978	OK	223.1008	0.00	0.01	F009426

#234: 0100073-90



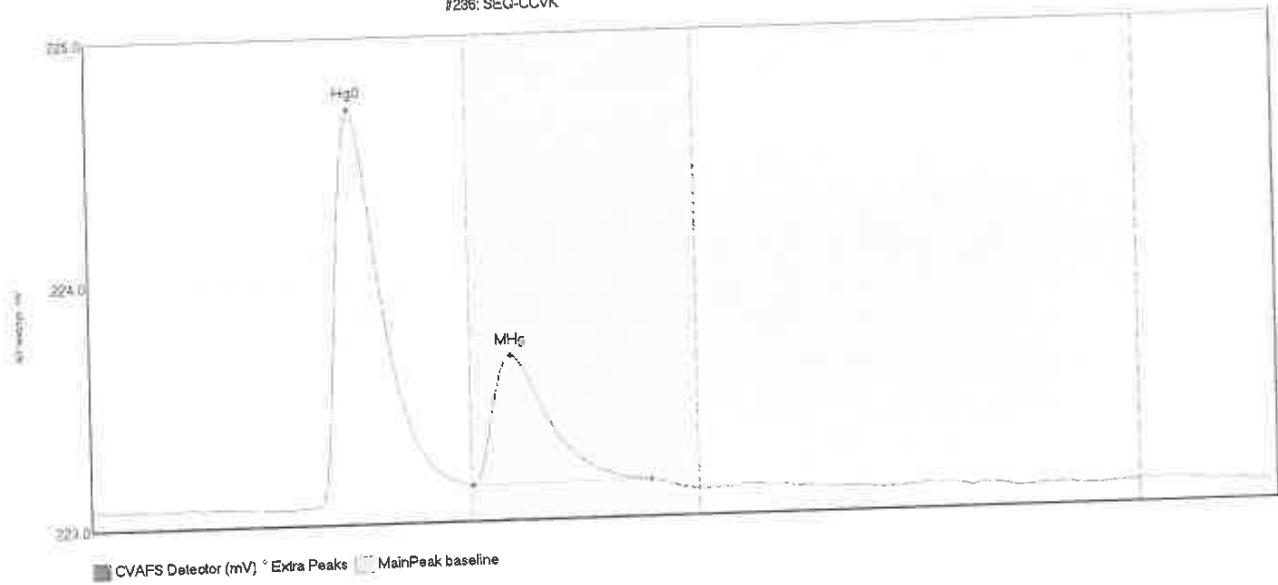
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-90 Hg0	223.399	48.0	80.0	223.10	223.18	55.0	2.057	CT	223.1005	0.00	0.02	F009427
0100073-90 MHg	2.186	81.8	94.4	223.18	223.18	86.5	0.030	OK	223.1005	0.00	0.02	F009427
0100073-90 HgII	197.815	127.5	181.0	223.15	223.15	139.2	1.008	OK	223.1005	0.00	0.02	F009427

#235: 0100073-81

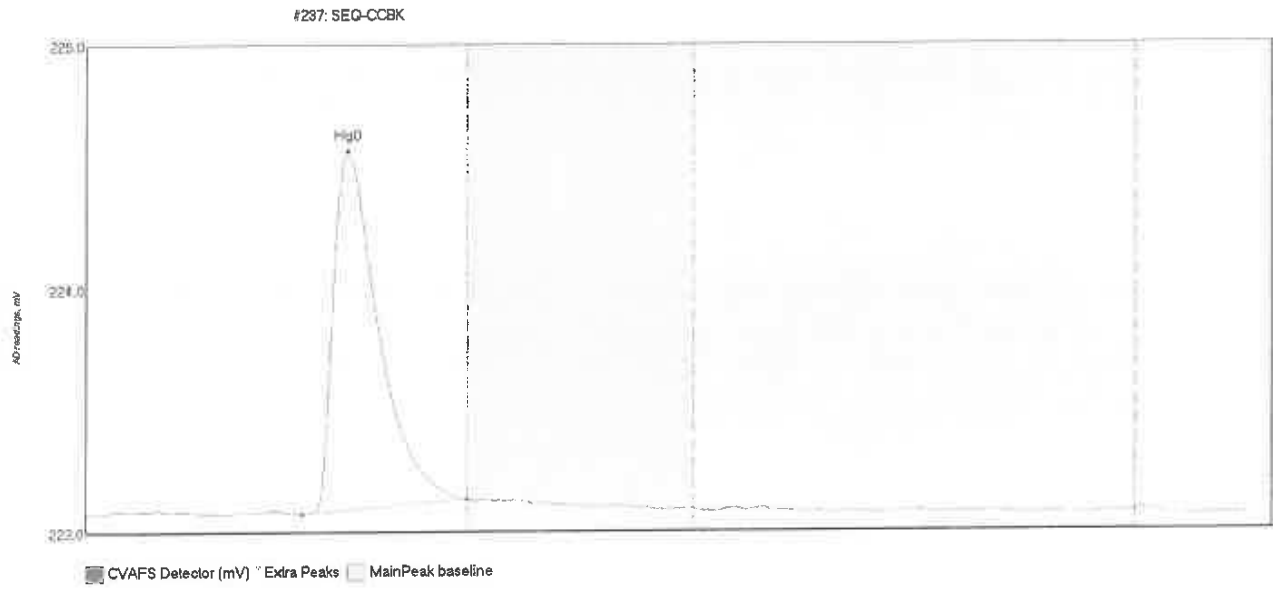


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Height	Area	Shift	Comment
0100073-91 Hg0	239.890	47.7	80.0	223.11	223.20	55.1	2.206	CT	223.115	239.890	0.01	F009427
0100073-91 MHg	1.391	82.6	93.2	223.19	223.19	88.9	0.020	OK	223.115	1.391	0.01	F009427
0100073-91 HgII	177.551	127.5	185.1	223.15	223.15	139.3	0.851	OK	223.115	177.551	0.01	F009427

#238: SEQ-CCVK

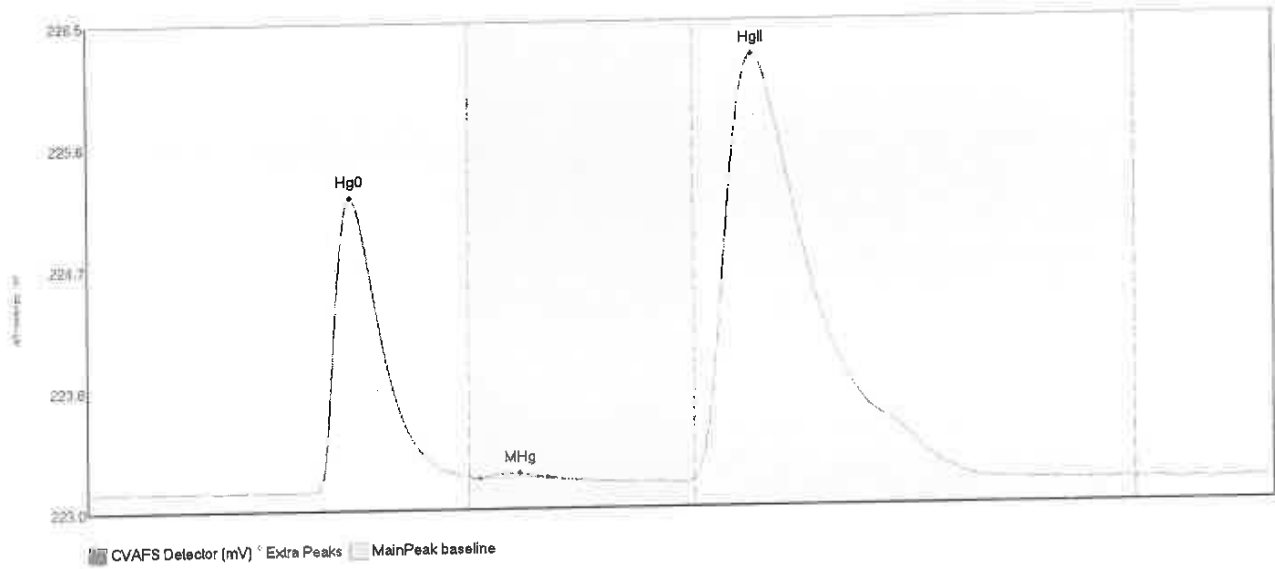


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCVK Hg0	177.741	46.7	80.0	223.11	223.19	55.1	1.632	CT	223.1135	0.00	0.00	
SEQ-CCVK MHg	71.185	80.3	117.5	223.19	223.19	88.6	0.531	OK	223.1135	0.00	0.00	



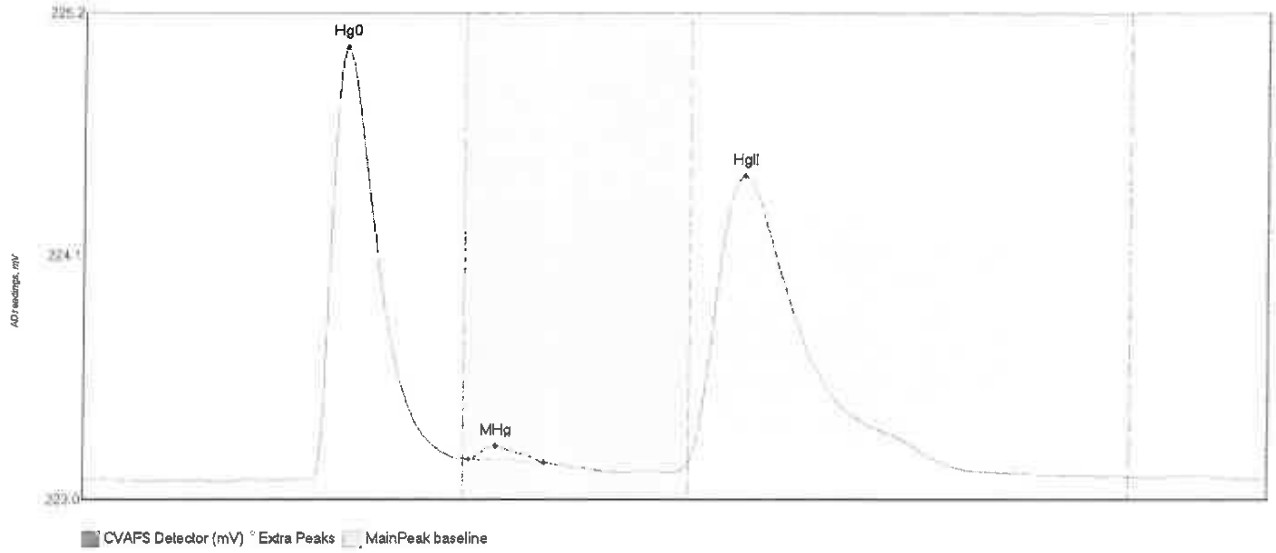
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBK	163.468	45.4	80.0	223.11	223.17	55.1	1.491	CT	223.1194	0.00	-0.02	

#238: 0100073-93



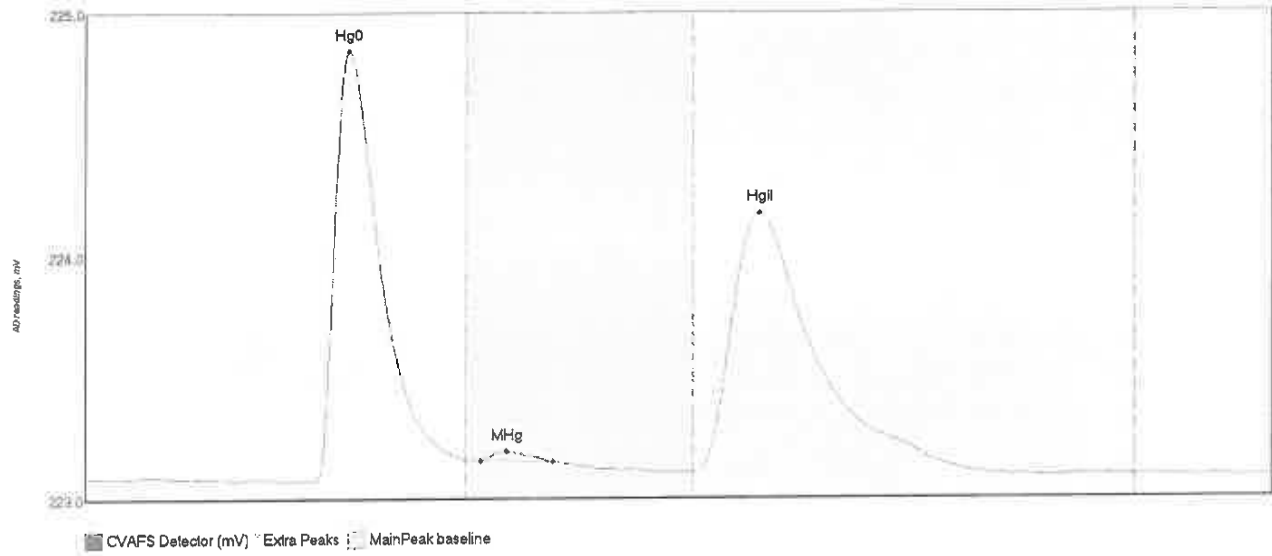
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-93 Hg0	223.262	0.6	80.0	223.09	223.21	55.4	2.125	CT	223.0922	0.00	0.05	F009427
0100073-93 MHg	3.297	82.2	96.4	223.19	223.20	90.6	0.041	OK	223.0922	0.00	0.05	F009427
0100073-93 HgII	633.014	127.5	108.3	223.13	223.16	139.6	3.040	OK	223.0922	0.00	0.05	F009427

#289: 0100073-84



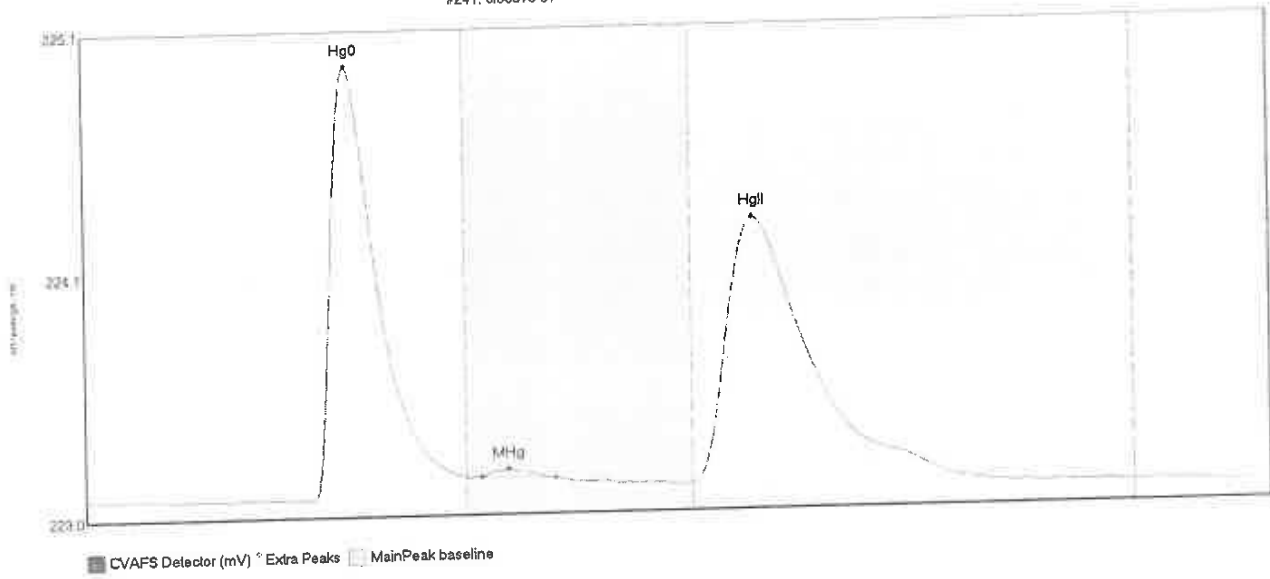
Time	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Shift	Comment
47.9	209.584	47.9	80.0	223.11	223.21	55.3	1.935	CT	223.1840	0.01	0.01	F009427
81.2	5.507	81.2	97.0	223.20	223.19	86.7	0.059	OK	223.1840	0.01	0.01	F009427
127.5	259.303	127.5	185.6	223.20	223.15	138.8	1.277	OK	223.1840	0.01	0.01	F009427

#240: 0100073-96



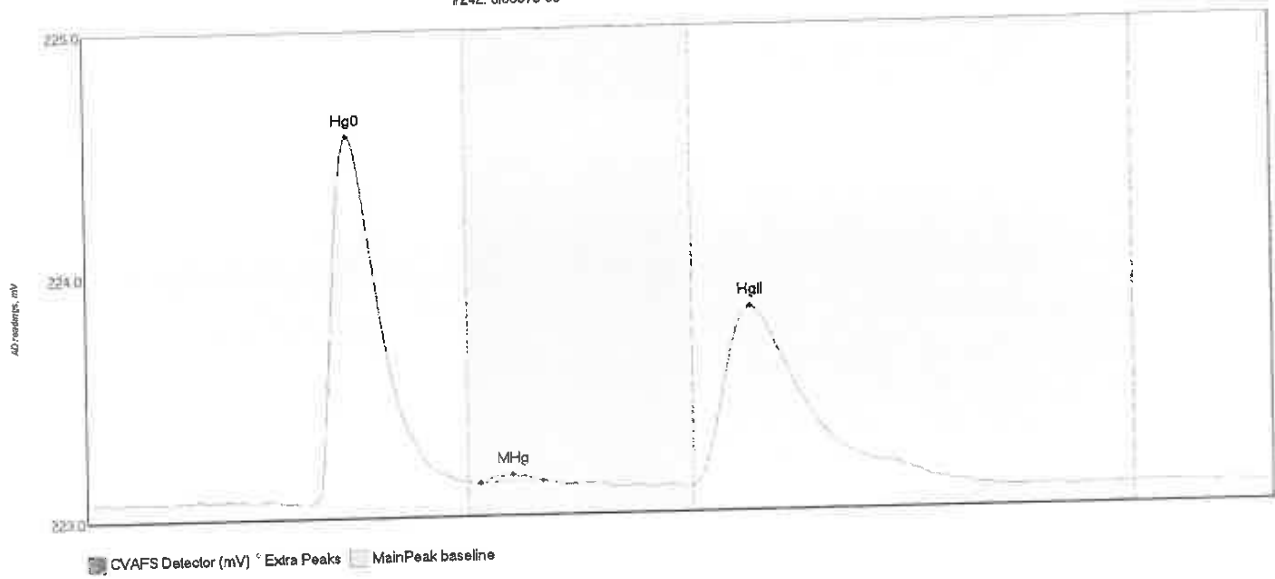
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	REJECT	Comment
0100073-96 Hg0	192.309	48.1	80.0	223.10	223.19	55.3	1.769	CT	223.1141	0.00	0.00	F009427
0100073-96 MHg	3.346	83.1	98.1	223.18	223.18	88.5	0.038	OK	223.1141	0.00	0.00	F009427
0100073-96 HgII	212.483	127.5	185.7	223.13	223.14	141.3	1.069	OK	223.1141	0.00	0.00	F009427

#241: 0100073-87



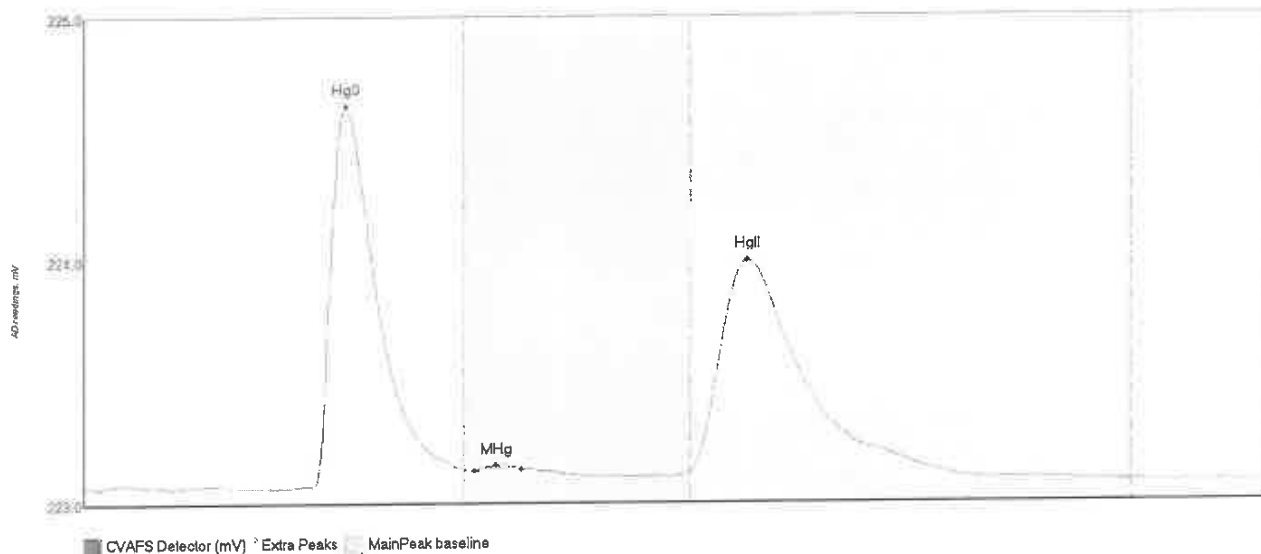
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-97 Hg0	200.848	47.8	80.0	223.12	223.20	55.2	1.845	CT	223.1294	0.00	0.00	F009427
0100073-97 MHg	2.883	83.1	98.6	223.21	223.19	88.7	0.028	OK	223.1294	0.00	0.00	F009427
0100073-97 HgII	224.399	127.5	185.7	223.16	223.16	140.3	1.123	OK	223.1294	0.00	0.00	F009427

#242: 0100073-98



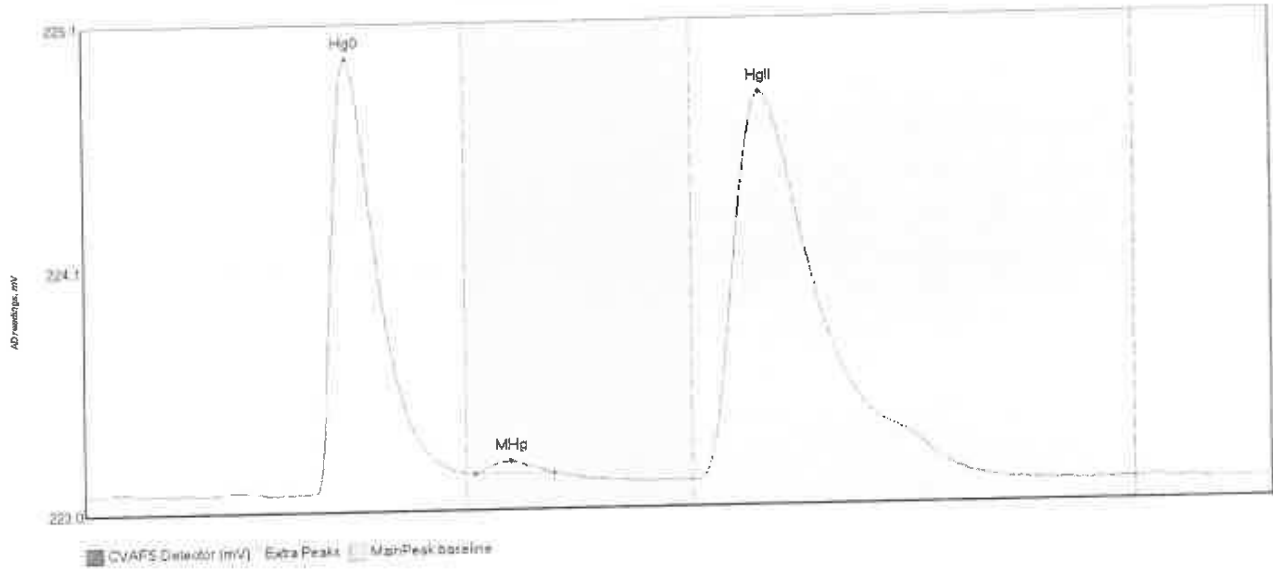
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-98 Hg0	164.133	46.8	79.7	223.10	223.18	55.2	1.512	OK	223.1131	0.00	0.01	F009427
0100073-98 MHg	2.262	82.6	95.7	223.18	223.19	89.4	0.030	OK	223.1131	0.00	0.01	F009427
0100073-98 HgII	139.721	127.5	182.5	223.15	223.15	139.6	0.726	OK	223.1131	0.00	0.01	F009427

#243: 0100073-99



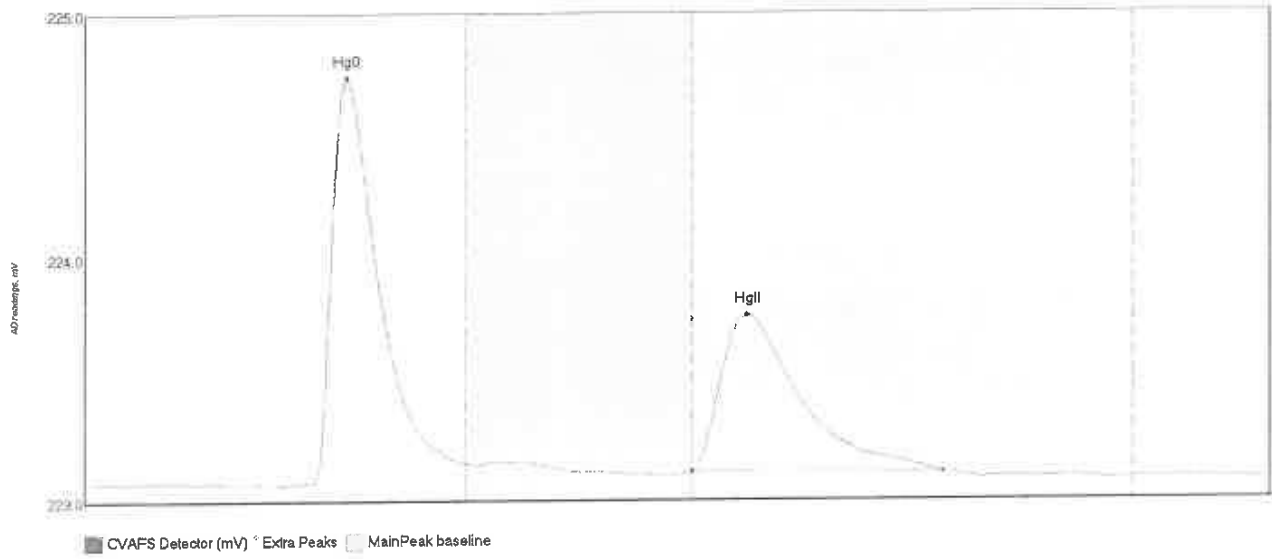
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BlShift	Comment
0100073-99 Hg0	168.761	48.0	80.0	223.12	223.19	55.0	1.555	CT	223.1168	2.00	0.01	F009427
0100073-99 MHg	1.131	82.1	91.7	223.18	223.19	86.6	0.022	OK	223.1168	0.00	0.01	F009427
0100073-99 HgII	162.477	127.5	177.8	223.17	223.18	139.3	0.870	OK	223.1168	0.00	0.01	F009427

#244: 0100073-AB



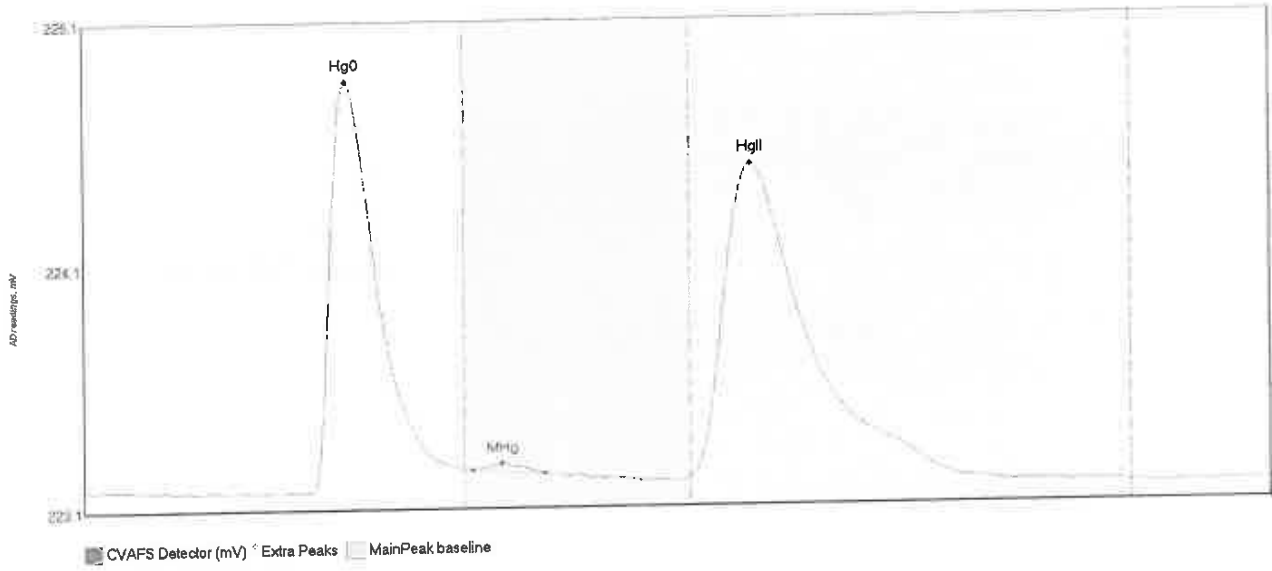
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AB Hg0	196.371	48.0	80.0	223.13	223.20	55.2	1.818	CT	223.1303	0.00	0.00	F009427
0100073-AB MHg	5.245	81.9	98.4	223.20	223.20	89.4	0.057	OK	223.1303	0.00	0.00	F009427
0100073-AB HgII	332.364	126.4	189.8	223.16	223.16	141.9	1.629	OK	223.1303	0.00	0.00	F009427

#245: 0100073-AC



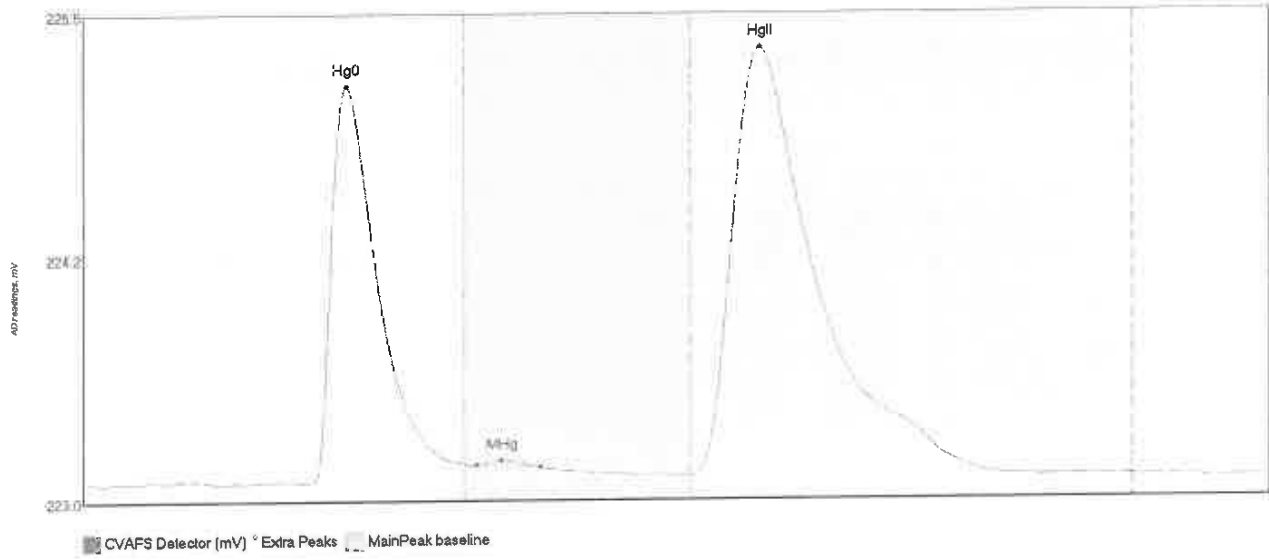
Name	Area	Start Time	EndTime	StartValue	EndValue	Height	Max	PeakHeight	Flags	Baseline	RDev	RShift	Comment
0100073-AC Hg0	180.856	47.3	79.7	223.12	223.20	1.660	1.660	1.660	OK	223.1118	0.00	0.02	F009427
0100073-AC HgII	123.698	127.5	180.0	223.16	223.16	0.644	0.644	0.644	OK	223.1118	0.00	0.02	F009427

#246: 0100073-AE



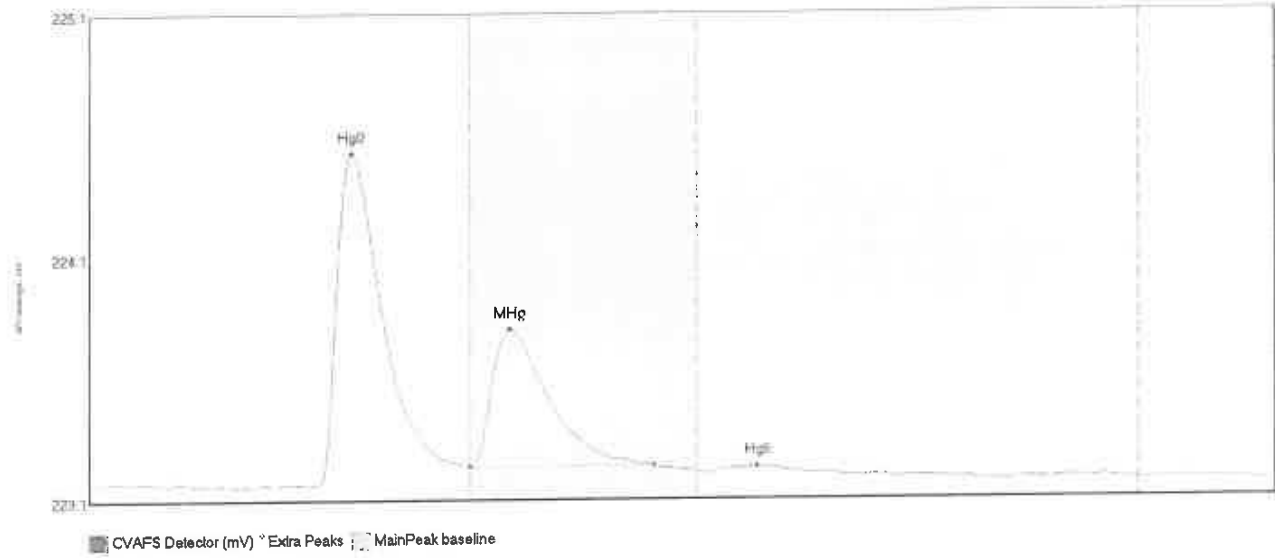
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AE Hg0	181.630	47.3	80.0	223.13	223.22	55.2	1.682	CT	223.1402	0.00	0.00	F009427
0100073-AE MHg	2.740	81.8	96.7	223.21	223.20	87.9	0.027	OK	223.1402	0.00	0.00	F009427
0100073-AE HgII	250.577	127.5	181.5	223.17	223.18	140.1	1.286	OK	223.1402	0.00	0.00	F009427

#247: 0100073-AF

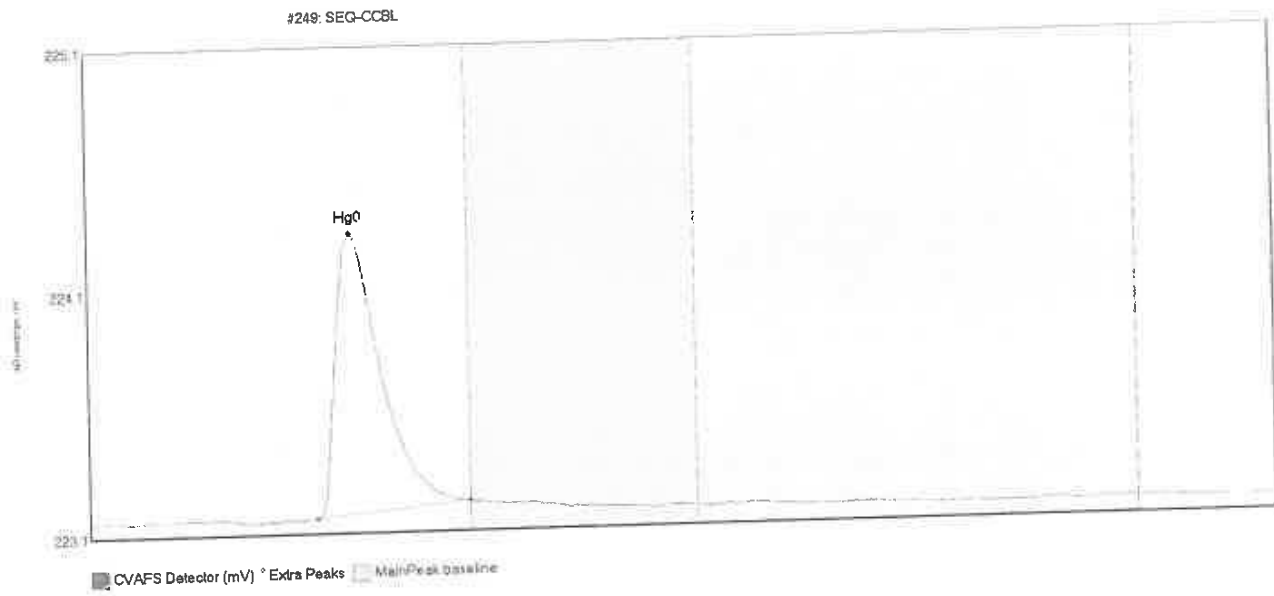


Date	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	REMARK	Comment	
0100073-AF	Hg0	215.741	47.0	80.0	223.12	223.21	55.2	1.987	CT	223.1218	0.00	OK	F009427
0100073-AF	MHg	2.277	82.6	96.0	223.21	223.20	87.9	0.026	OK	223.1218	0.00	OK	F009427
0100073-AF	HgII	437.389	127.5	192.6	223.15	223.15	141.8	2.146	OK	223.1218	0.00	OK	F009427

#248: SEQ-CCVL

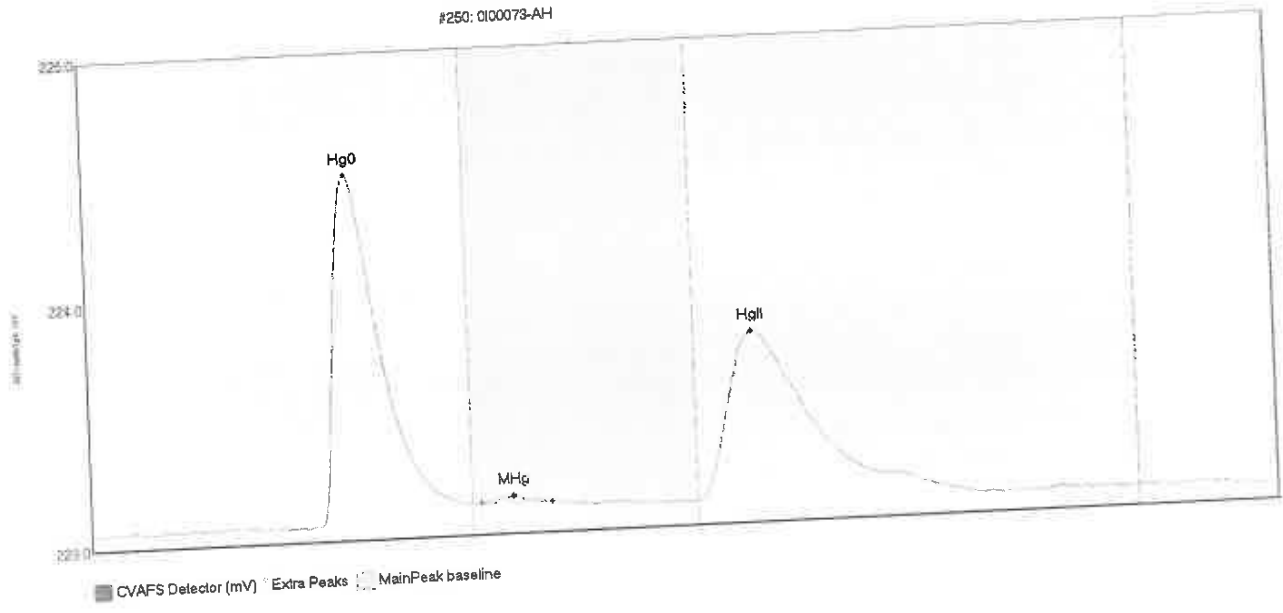


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCVL Hg0	147.897	47.5	79.9	223.12	223.19	55.1	1.367	OK	223.1253	0.00	0.00	
SEQ-CCVL MHg	77.263	80.0	118.4	223.19	223.20	88.3	0.566	OK	223.1253	0.00	0.00	
SEQ-CCVL HgI1	1.673	131.6	147.0	223.17	223.17	140.1	0.010	OK	223.1253	0.00	0.00	



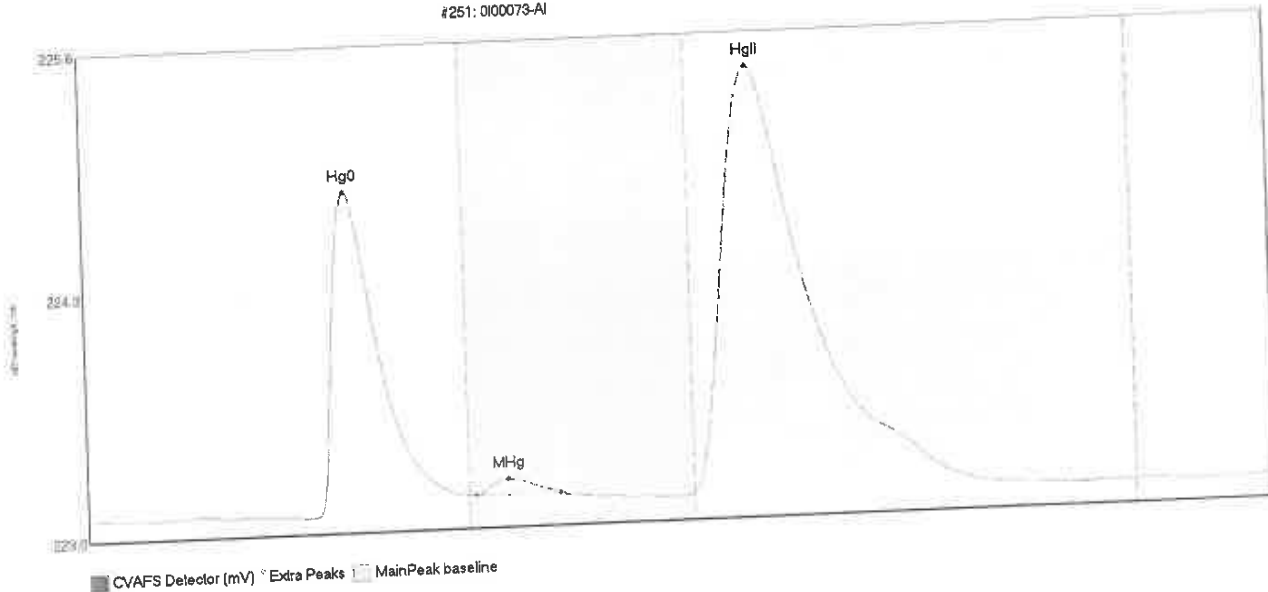
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCBL	125.621	47.9	79.8	223.13	223.19	55.3	1.170	OK	223.1228	0.00	0.00	

#250: 0100073-AH



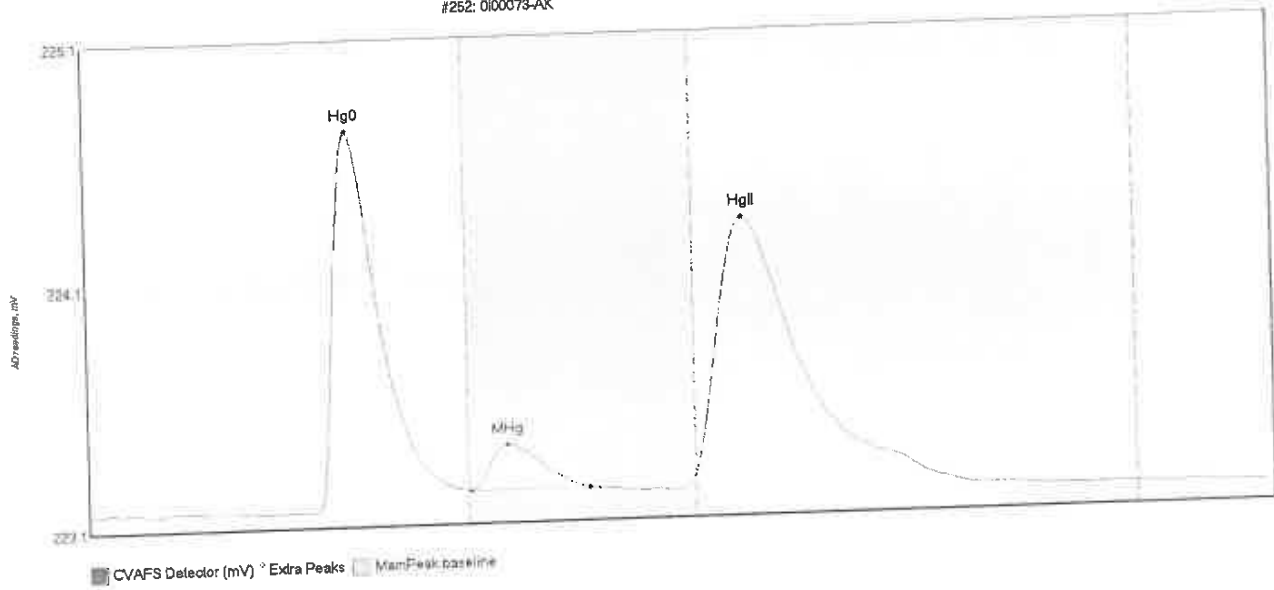
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RDev	RShift	Comment
0100073-AH Hg0	155.606	45.8	80.0	223.11	223.18	55.0	1.442	CT	223.1098	0.00	0.02	F009427
0100073-AH MHg	1.818	82.0	96.4	223.18	223.18	88.5	0.025	OK	223.1098	0.00	0.02	F009427
0100073-AH HgII	138.205	127.5	186.1	223.15	223.14	139.5	0.689	OK	223.1098	0.00	0.02	F009427

#251: 0100073-AI



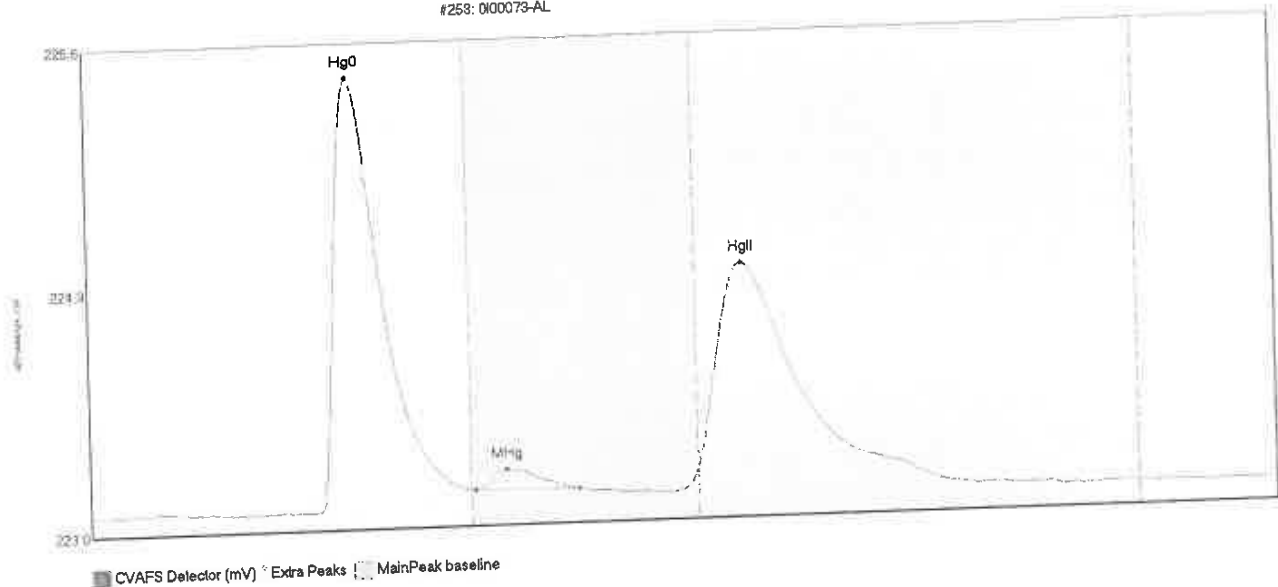
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BIShift	Comment
0100073-AI Hg0	185.829	46.6	80.0	223.11	223.20	55.1	1.720	CI	223.1279	0.02	0.02	
0100073-AI MHg	8.156	81.4	99.0	223.19	223.20	88.3	0.085	OK	223.1279	0.02	0.02	
0100073-AI HgII	460.193	127.5	190.9	223.17	223.16	140.1	2.246	OK	223.1279	0.02	0.02	

#252: 0100073-AK



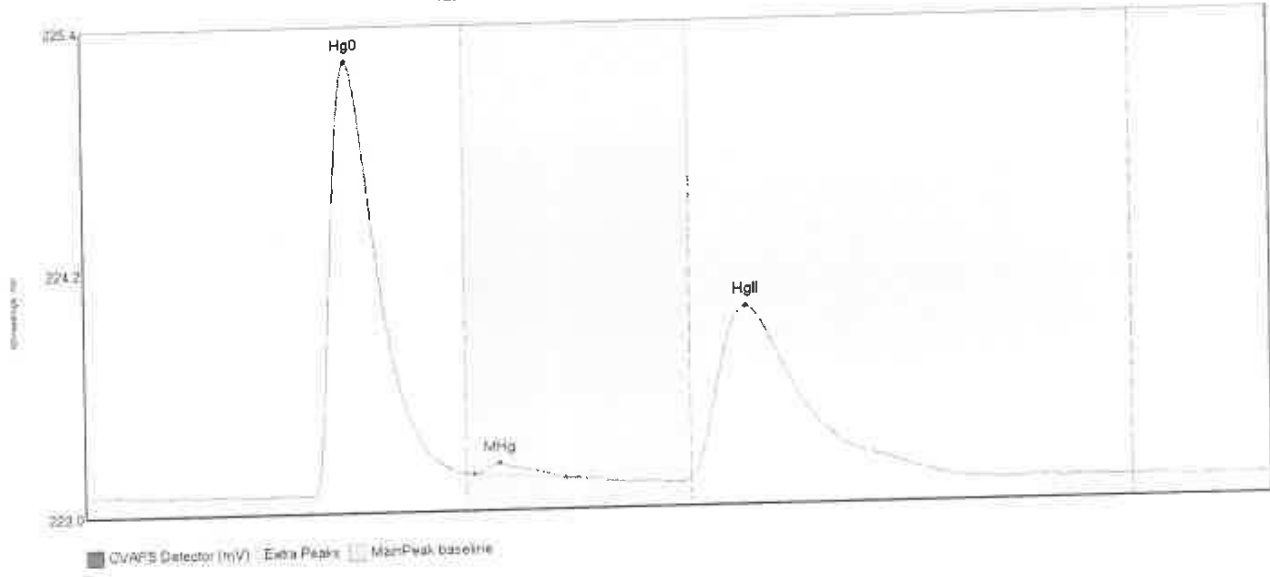
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AK Hg0	169.506	47.9	80.0	223.12	223.19	55.2	1.564	CT	223.1276	0.00	0.01	F009427
0100073-AK MHg	22.609	80.5	105.2	223.19	223.20	88.3	0.187	OK	223.1276	0.00	0.01	F009427
0100073-AK HgII	199.926	127.5	178.9	223.25	223.20	137.8	1.039	OK	223.1276	0.00	0.01	F009427

#258: 000073-AL



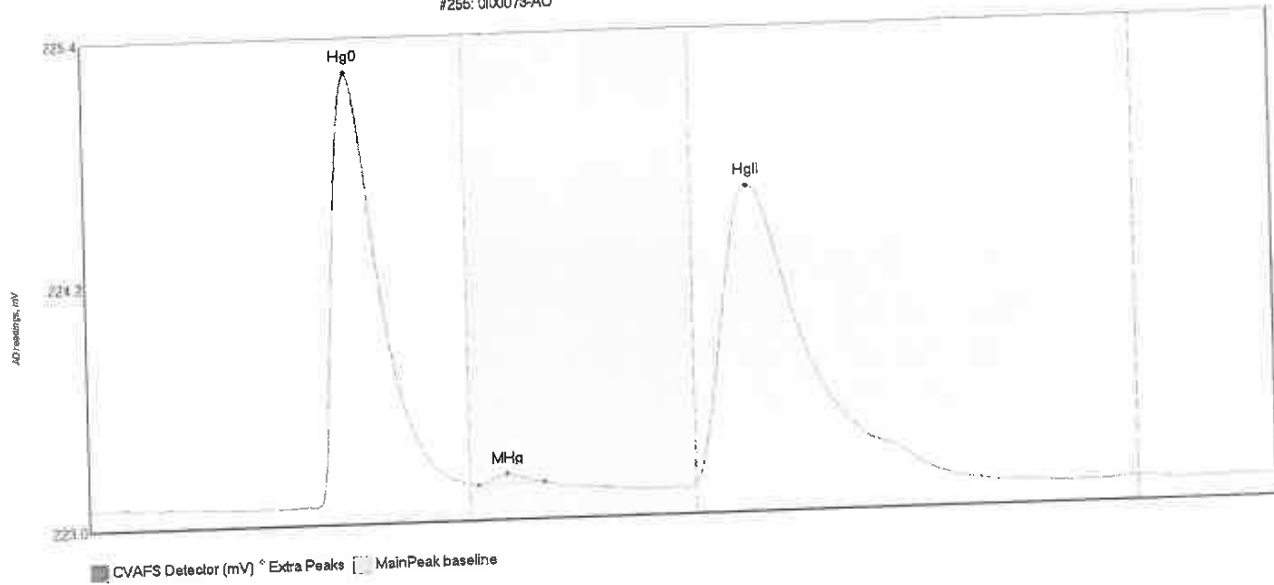
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AL Hg0	247.290	47.0	80.0	223.12	223.22	55.3	2.253	CT	223.1267	0.00	0.02	F009427
0100073-AL MHg	11.642	80.9	102.4	223.21	223.20	87.5	0.103	OK	223.1267	0.00	0.02	F009427
0100073-AL HgII	198.267	127.5	180.9	223.31	223.18	137.1	1.044	OK	223.1267	0.00	0.02	F009427

#254: 0100073-AM

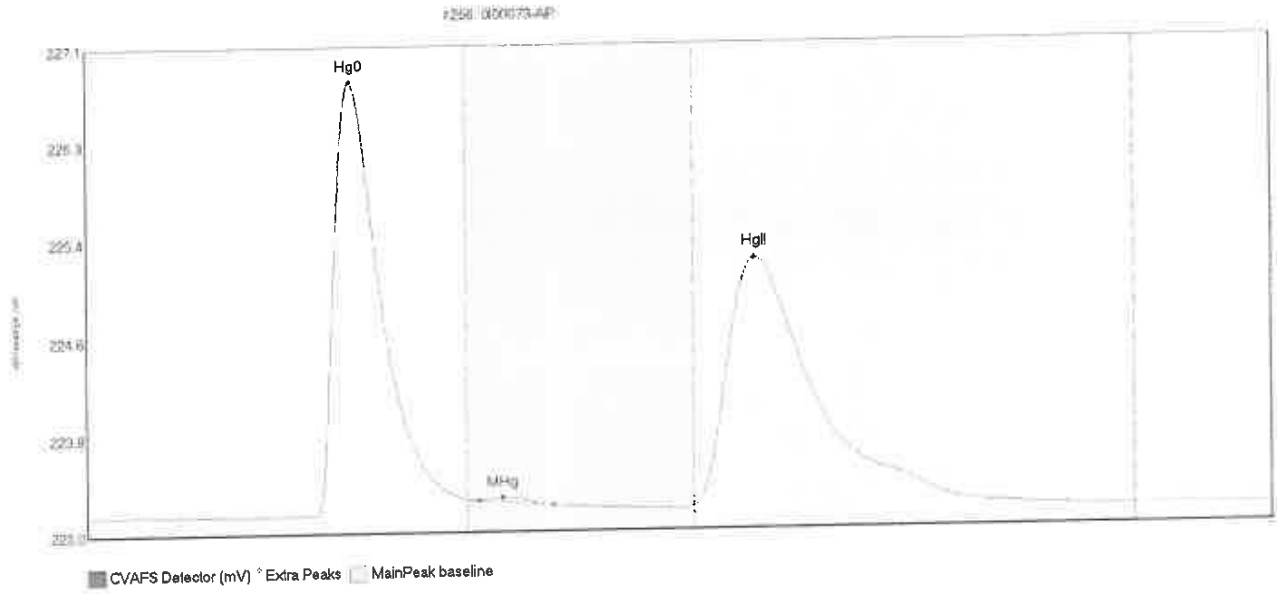


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AM Hg0	231.615	47.8	80.0	223.13	223.23	55.4	2.090	CT	223.1394	0.00	0.01	F009427
0100073-AM MRg	5.856	81.7	100.8	223.22	223.19	86.9	0.050	OK	223.1394	0.00	0.01	F009427
0100073-AM HgII	158.975	127.5	179.3	223.16	223.18	138.9	0.820	OK	223.1394	0.00	0.01	F009427

#256: 0100073-AO

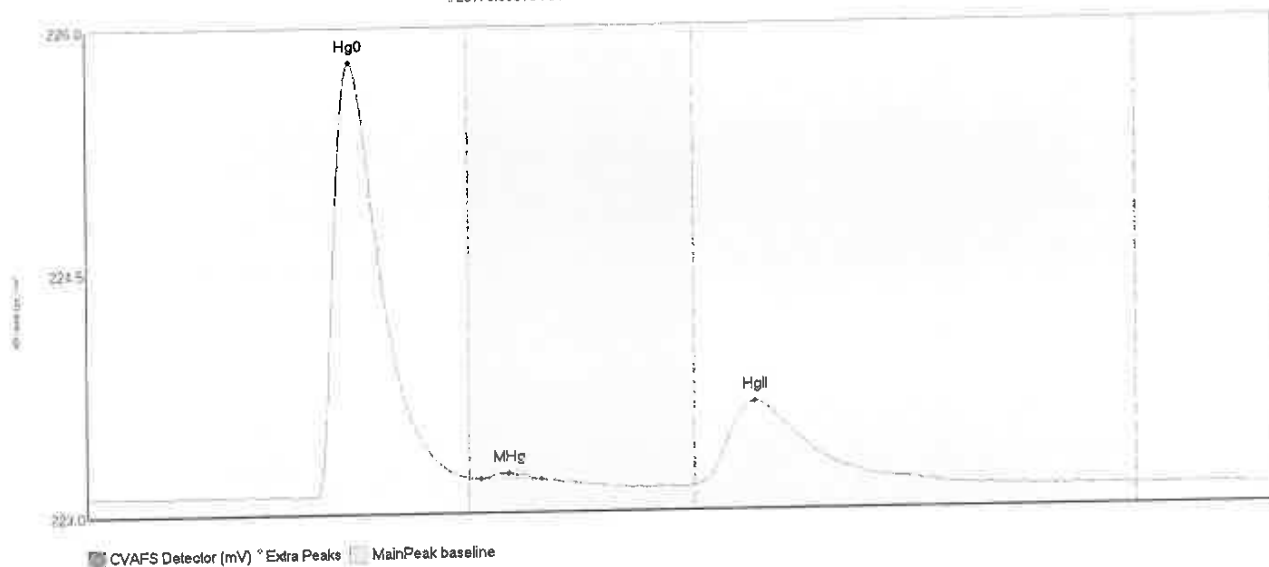


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AO Hg0	227.693	47.2	80.0	223.13	223.22	55.2	2.093	CT	223.1350	0.00	0.01	F009427
0100073-AO MHg	3.426	82.0	95.8	223.21	223.22	87.9	0.048	OK	223.1350	0.00	0.01	F009427
0100073-AO HgII	280.876	127.5	183.3	223.20	223.19	139.0	1.426	OK	223.1350	0.00	0.01	F009427



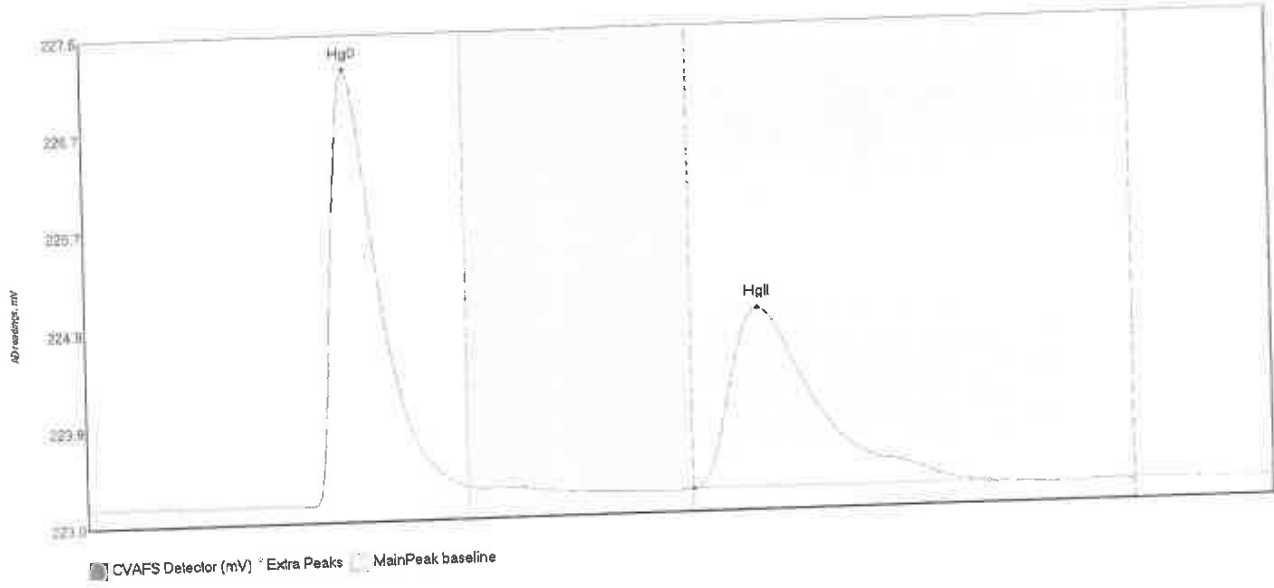
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RiDev	B1Shift	Comment
0100073-AP Hg0	405.595	48.0	80.0	223.14	223.26	55.5	3.659	CT	223.1400	0.00	0.01	F009428
0100073-AP MHg	3.445	82.6	98.1	223.25	223.21	87.5	0.024	OK	223.1400	0.00	0.01	F009428
0100073-AP HgII	431.279	127.5	187.8	223.19	223.20	140.2	2.083	OK	223.1400	0.00	0.01	F009428

#257: 0100073-AR



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AR Hg0	288.161	47.4	80.0	223.14	223.25	55.4	2.620	CT	223.1463	0.00	0.01	F009428
0100073-AR MHg	2.435	82.4	94.9	223.25	223.24	88.3	0.030	OK	223.1463	0.00	0.01	F009428
0100073-AR HgII	96.715	127.5	181.7	223.19	223.18	140.3	0.507	OK	223.1463	0.00	0.01	F009428

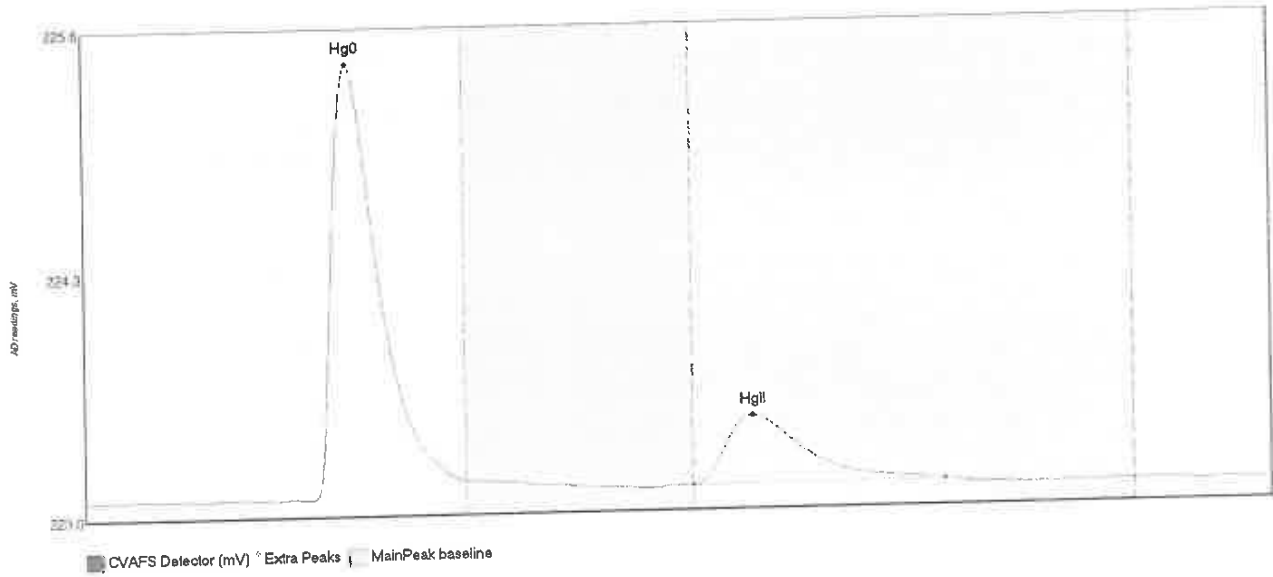
#258: 0100073-AS



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift
0100073-AS Hg0	457.638	47.0	80.0	223.14	223.28	55.4	4.116	CT	223.1459	0.00	0.02
0100073-AS HgII	354.830	127.5	169.3	223.18	223.16	141.2	1.704	OK	223.1459	0.00	0.02

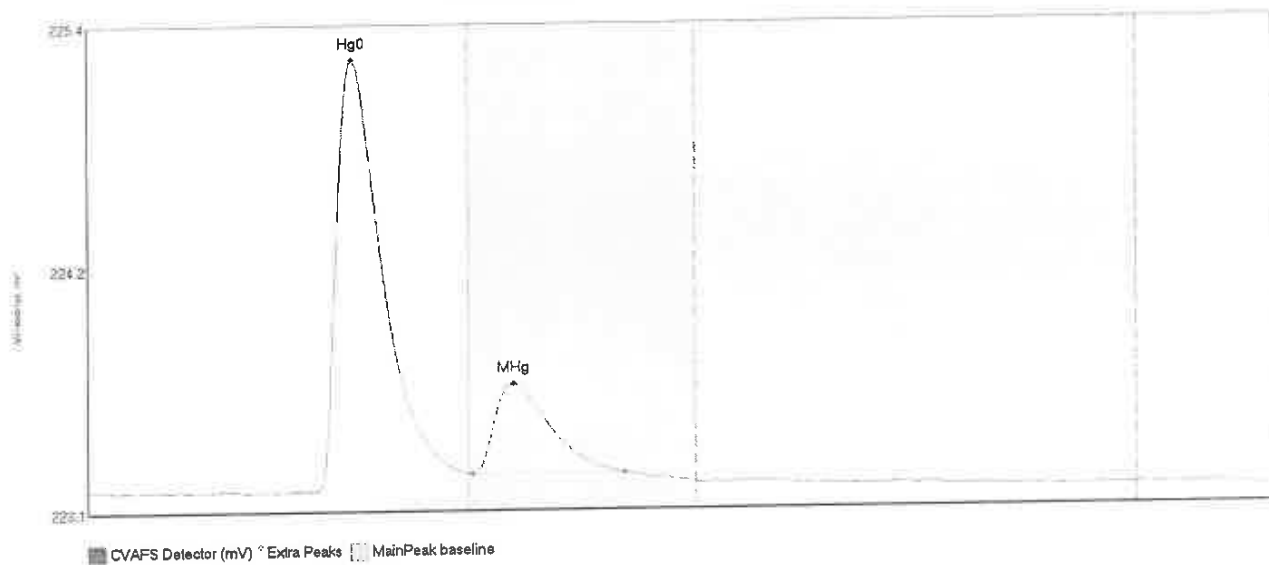
0100073-AS
Page 424

#258: 0100073-AU



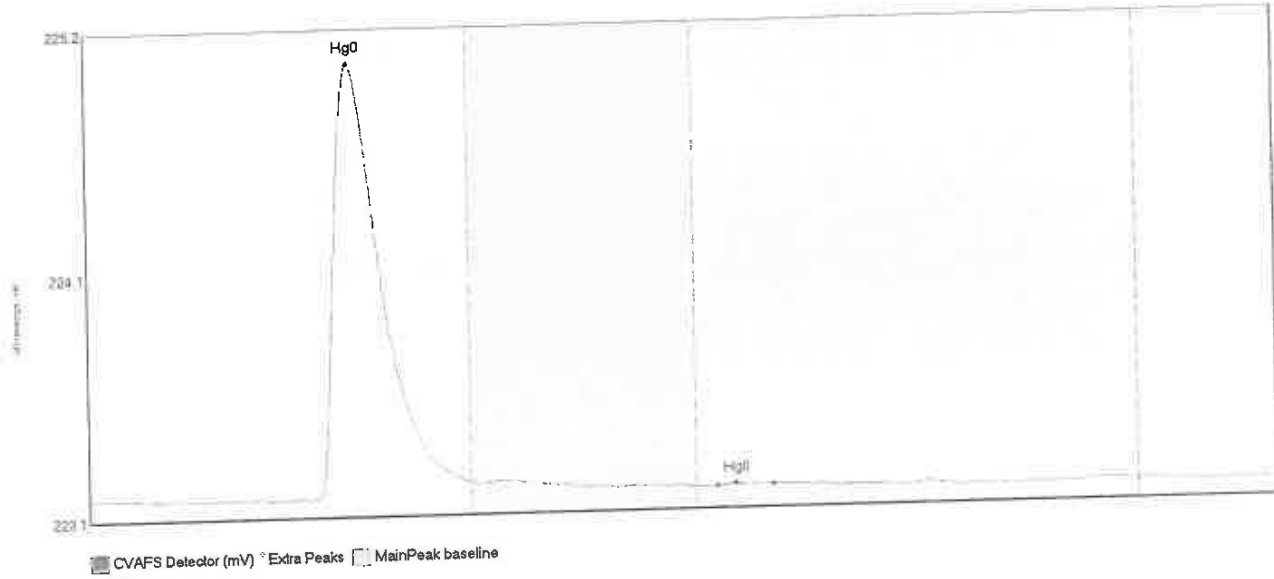
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-AU Hg0	255.647	47.5	80.0	223.14	223.23	55.4	2.316	CT	223.1392	0.00	0.02	F009428
0100073-AU HgII	70.635	127.5	180.3	223.17	223.18	140.1	0.369	OK	223.1392	0.00	0.02	F009428

#260: SEQ-CCVM



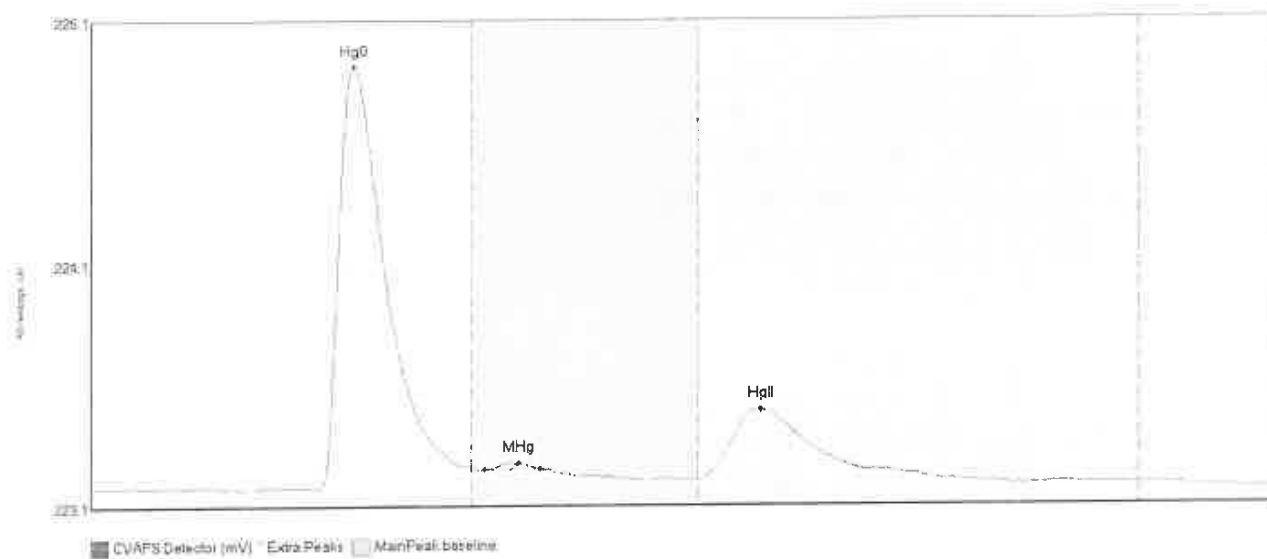
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
SEQ-CCVM Hg0	231.088	47.6	80.0	223.15	223.24	55.6	2.097	CT	223.1580	0.00	-0.02	
SEQ-CCVM MHg	57.911	80.8	112.3	223.23	223.23	89.2	0.437	OK	223.1580	0.00	-0.02	

#261: SEQ-CCBM



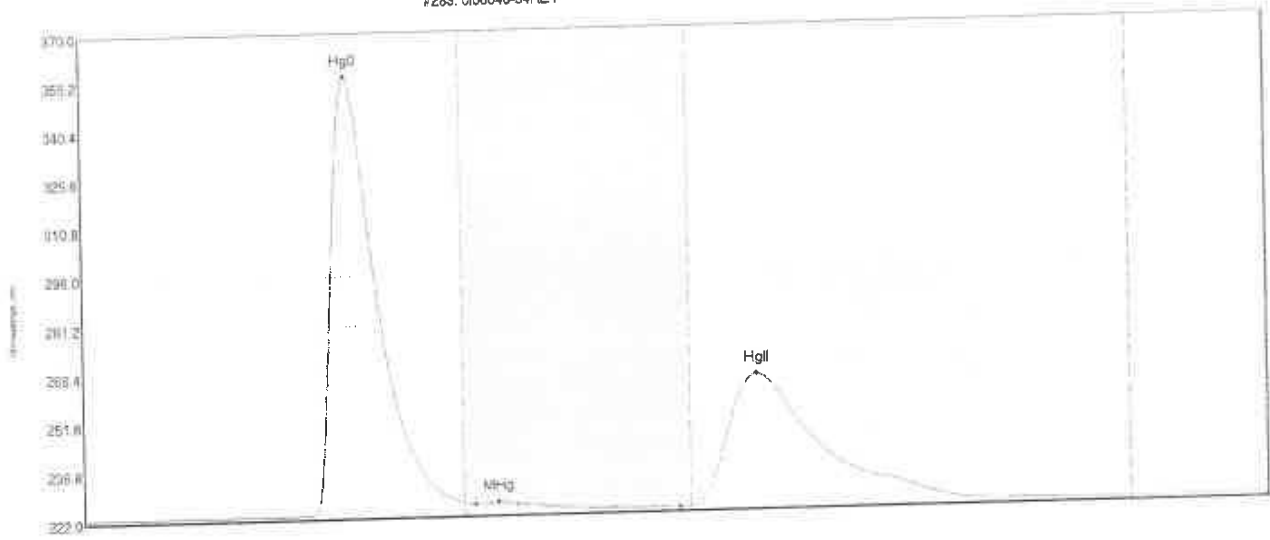
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCBM Hg0	210.738	46.7	80.0	223.14	223.20	55.3	1.923	CT	223.1519	0.00	-0.01	
SEQ-CCBM HgII	0.561	131.9	143.5	223.16	223.16	135.8	0.011	OK	223.1519	0.00	-0.01	

#262: 0100073-AV



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-AV Hg0	187.992	48.1	79.4	223.14	223.23	55.4	1.734	OK	223.1428	0.00	0.00	F009428
0100073-AV MHg	1.577	82.8	94.3	223.22	223.23	89.8	0.026	OK	223.1428	0.00	0.00	F009428
0100073-AV HgII	57.190	127.5	179.5	223.17	223.17	140.6	0.295	OK	223.1428	0.00	0.00	F009428

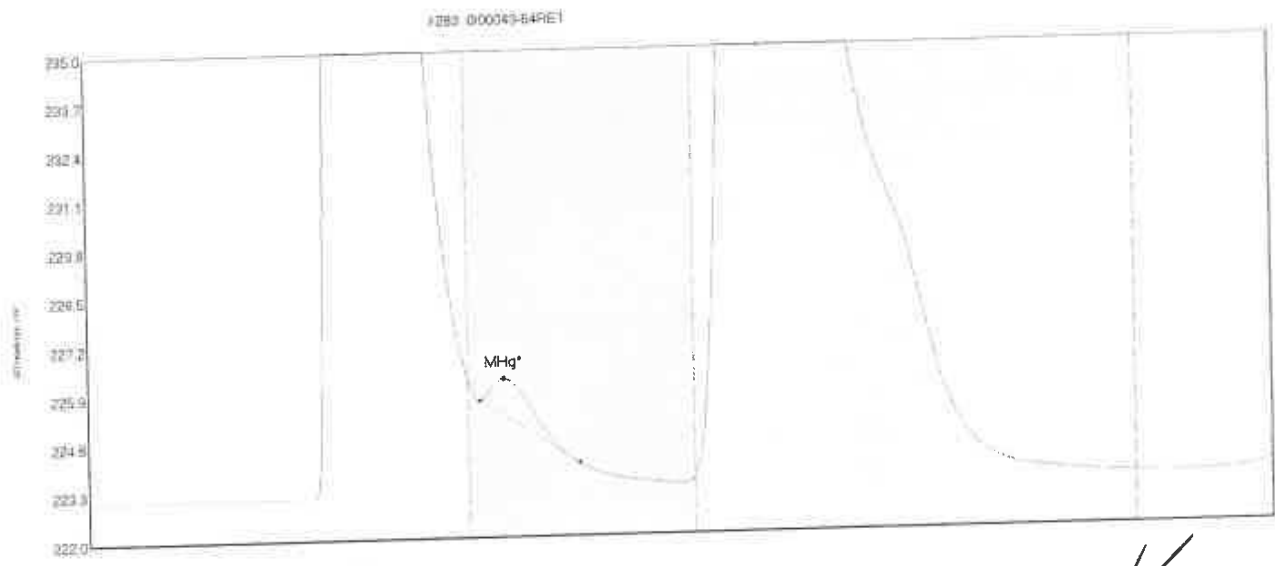
#283: 0100043-54RE1



CVAFS Detector (mV) Extra Peaks MainPeak baseline

D.N.R.
ZKH 10/5/2000

Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	B1Dev	B1Shift	Comment
0100043-54RE1	H 14458.568	45.6	80.0	223.13	226.22	55.6	133.600	CT	0.00	0.44	P009389
0100043-54RE1	M 64.870	82.4	125.1	225.66	223.34	87.2	0.588	OK	0.00	0.44	F009389
0100043-54RE1	H 8891.374	127.5	219.4	223.56	223.39	141.5	39.919	OK	0.00	0.44	F009389

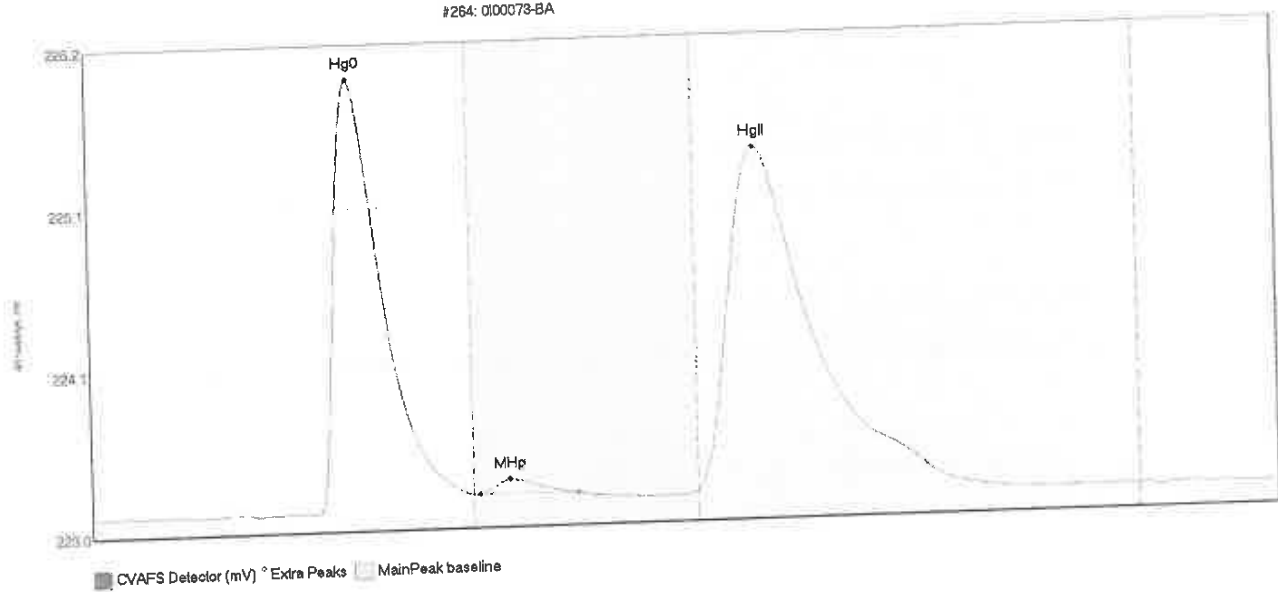


CVAFS Detector (mV)
 Extra Peaks
 MainPeak baseline

al
ds
10/5/2020

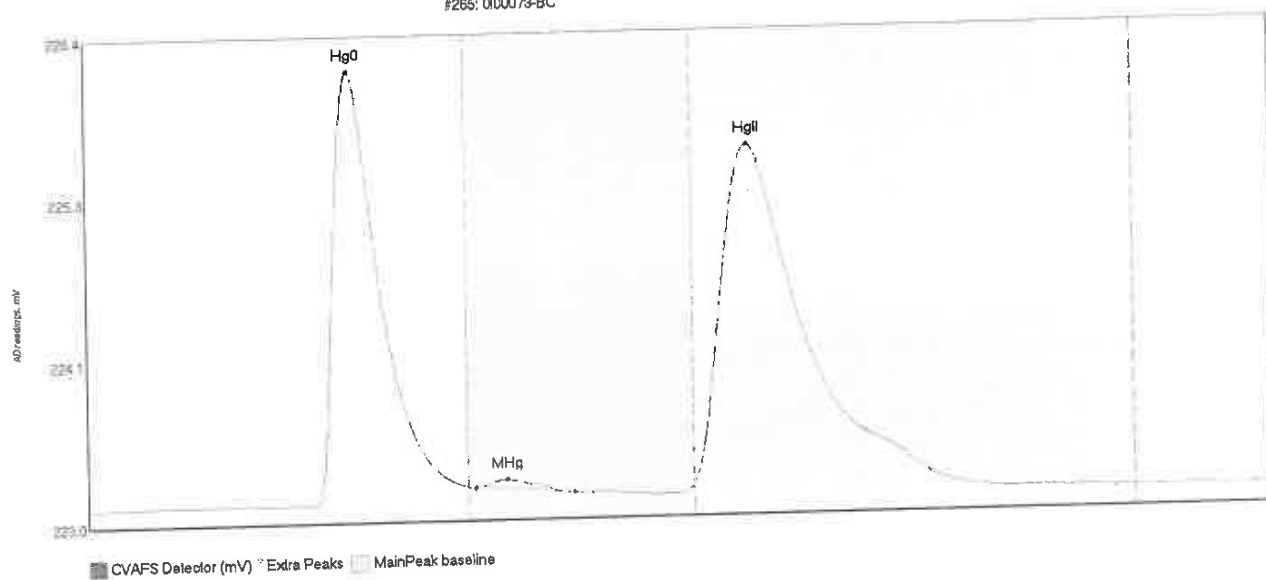
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Peak	Baseline	Width	RShift	Offset
0100043-54RE1	H 14458.568	45.6	80.0	223.13	223.22	55.6	133.600	10	223.1392	0.00	0.44	0.00000
0100043-54RE1	M 97.180	82.4	103.0	225.66	223.95	87.2	0.588	10	223.1392	0.00	0.44	0.00000
0100043-54RE1	H 8691.374	127.5	219.4	223.56	223.37	141.5	39.910	10	223.1392	0.00	0.44	0.00000

#264: 0100073-BA



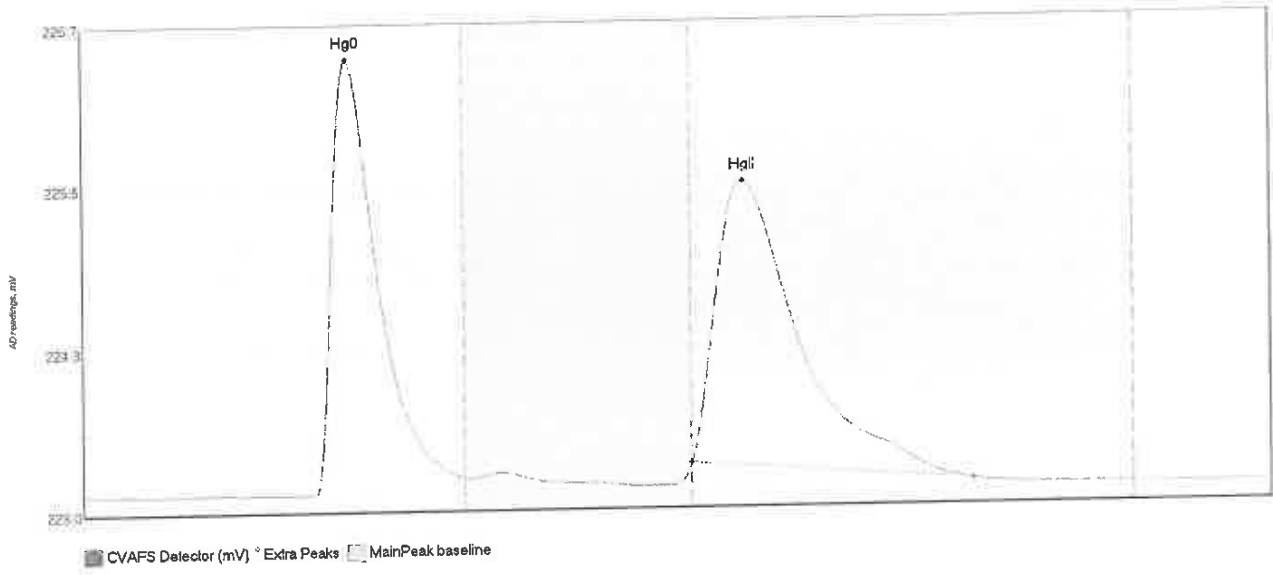
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BA Hg0	307.799	47.9	80.0	223.14	223.24	55.2	2.795	CT	223.1420	0.00	0.03	F009428
0100073-BA MHg	9.503	81.3	102.1	223.24	223.23	87.6	0.093	OK	223.1420	0.00	0.03	F009428
0100073-BA HgII	437.018	127.5	185.0	223.22	223.22	139.9	2.202	OK	223.1420	0.00	0.03	F009428

#265: 000073-BC



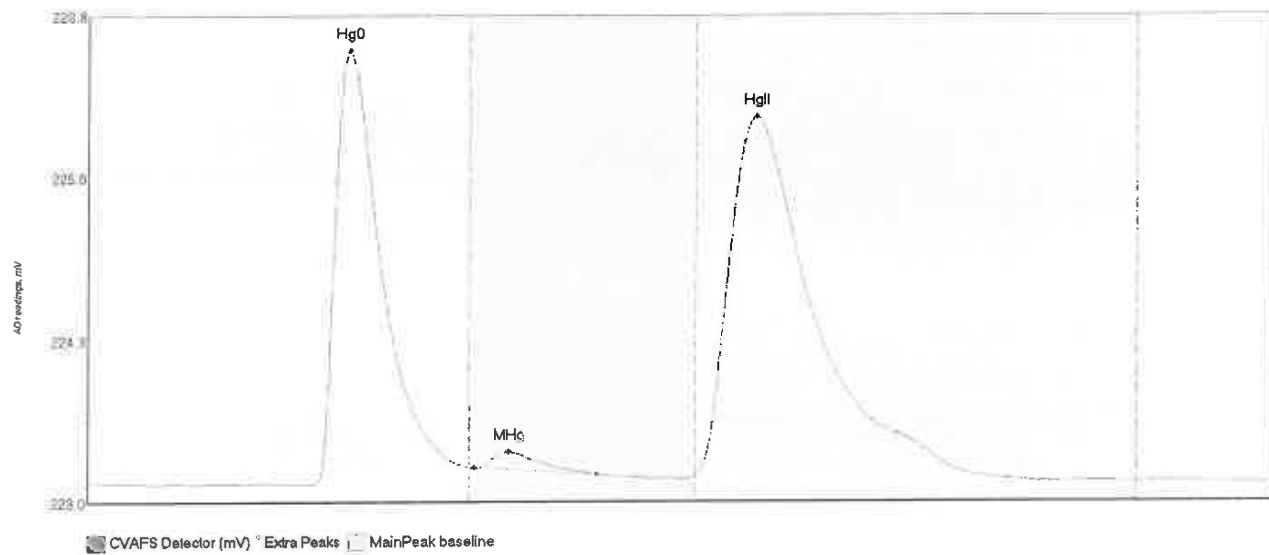
Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Retention Time	Height	Width	Comment
Hg0 324.015	47.9	80.0	223.15	223.27	55.2	2.973	CI	223.15	55.2	0.20	P00428
MHg 6.977	81.7	102.4	223.26	223.21	88.3	0.052	OK	223.26	88.3	0.20	P00428
HgII 458.346	127.5	184.8	223.26	223.21	138.9	2.317	OK	223.26	138.9	0.20	P00428

#286: 0100073-BD



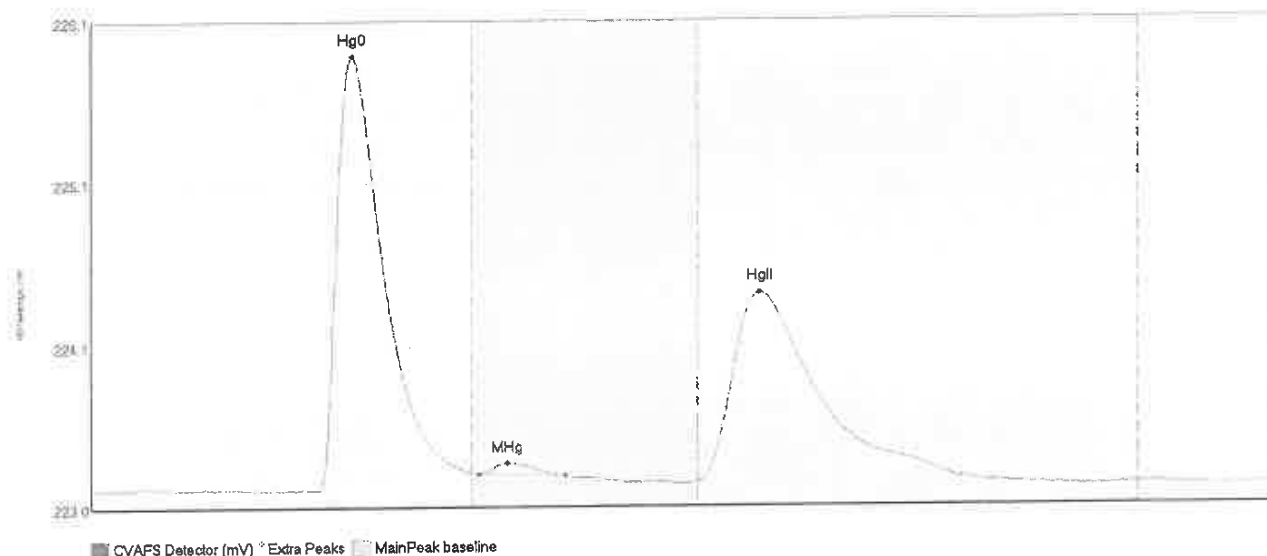
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BD Hg0	361.071	47.2	80.0	223.15	223.27	55.4	3.317	CT	223.1601	0.00	0.00	F009428
0100073-BD HgII	433.370	127.5	186.6	223.36	223.21	138.3	2.144	OK	223.1601	0.00	0.00	F009428

#267: 0100073-BF



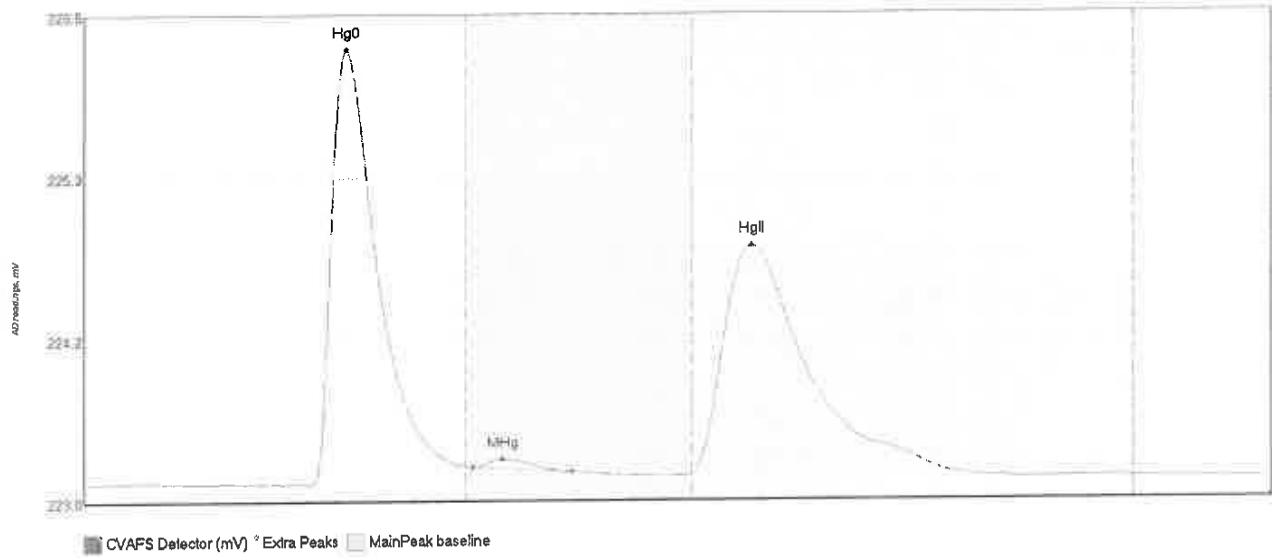
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BF Hg0	369.053	47.4	80.0	223.16	223.29	55.2	3.393	CT	223.1729	0.00	0.00	F009428
0100073-BF MHg	15.631	81.0	106.7	223.29	223.23	88.3	0.125	OK	223.1729	0.00	0.00	F009428
0100073-BF HgII	571.154	127.5	187.4	223.22	223.22	140.1	2.807	OK	223.1729	0.00	0.00	F009428

#258: 0100073-BG



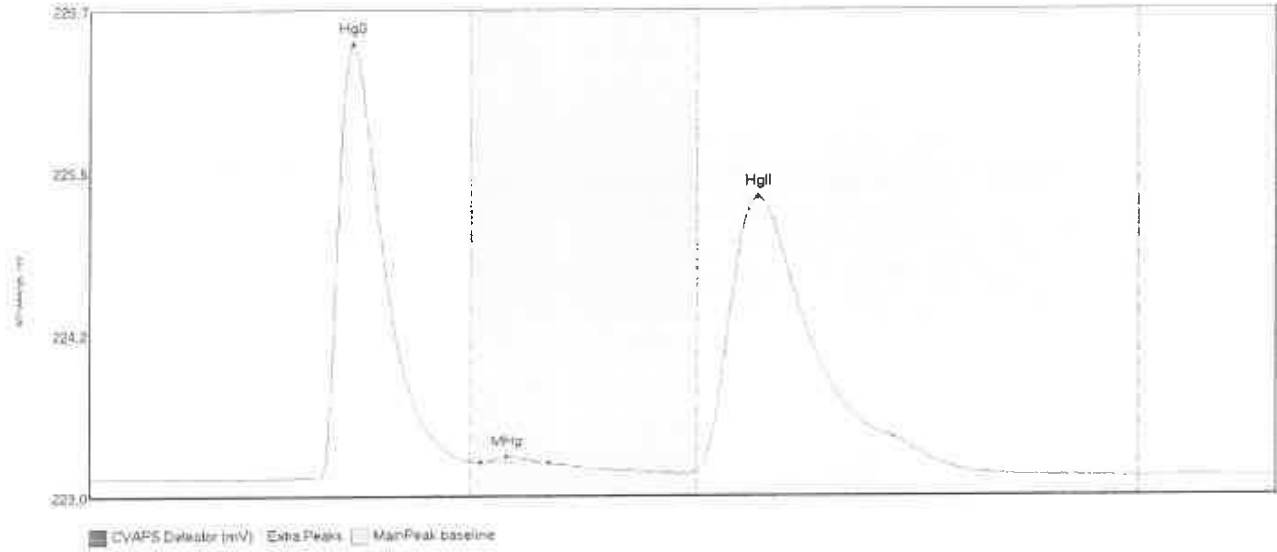
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BShift	Comment
0100073-BG Hg0	301.198	47.8	80.0	223.16	223.26	55.0	2.760	CI	223.1642	0.01	F009428
0100073-BG MHg	7.251	81.4	99.6	223.26	223.24	87.4	0.069	OK	223.1642	0.01	F009428
0100073-BG HgII	247.755	127.5	186.6	223.20	223.21	140.4	1.211	OK	223.1642	0.01	F009428

#269: 0100073-BH



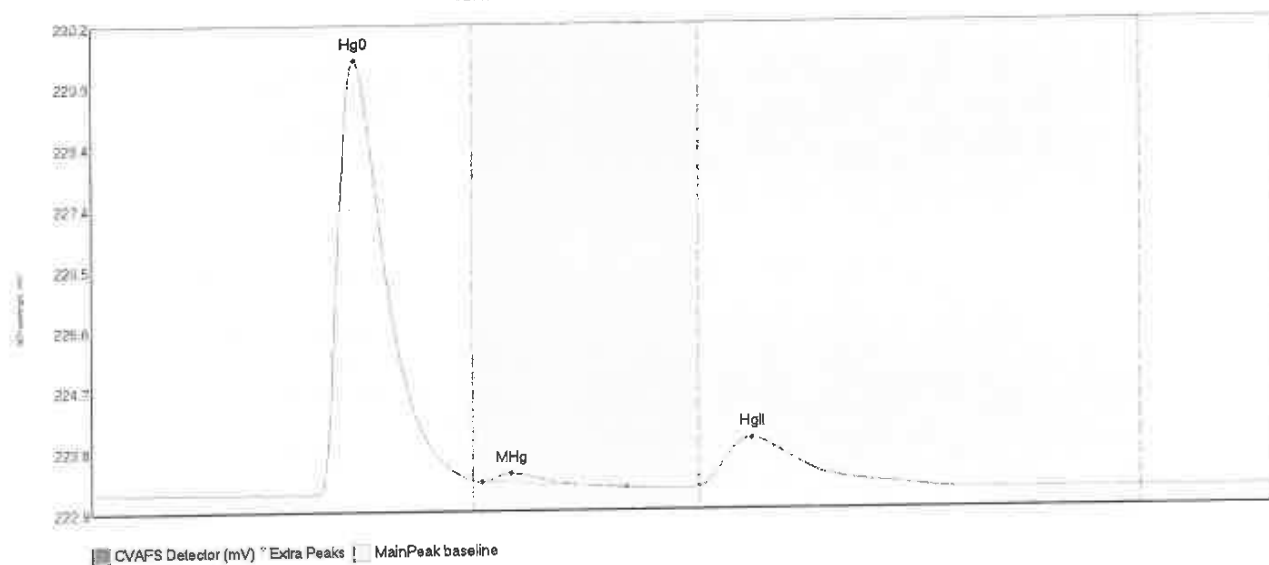
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100073-BH Hg0	332.005	47.1	80.0	223.16	223.28	54.9	3.055	CT	223.1652	0.00	0.01	F009428
0100073-BH MHg	6.999	81.7	102.4	223.27	223.24	87.9	0.060	OK	223.1652	0.00	0.01	F009428
0100073-BH HgII	320.105	127.5	183.1	223.22	223.23	139.9	1.615	OK	223.1652	0.00	0.01	F009428

#270: 0100073-BJ



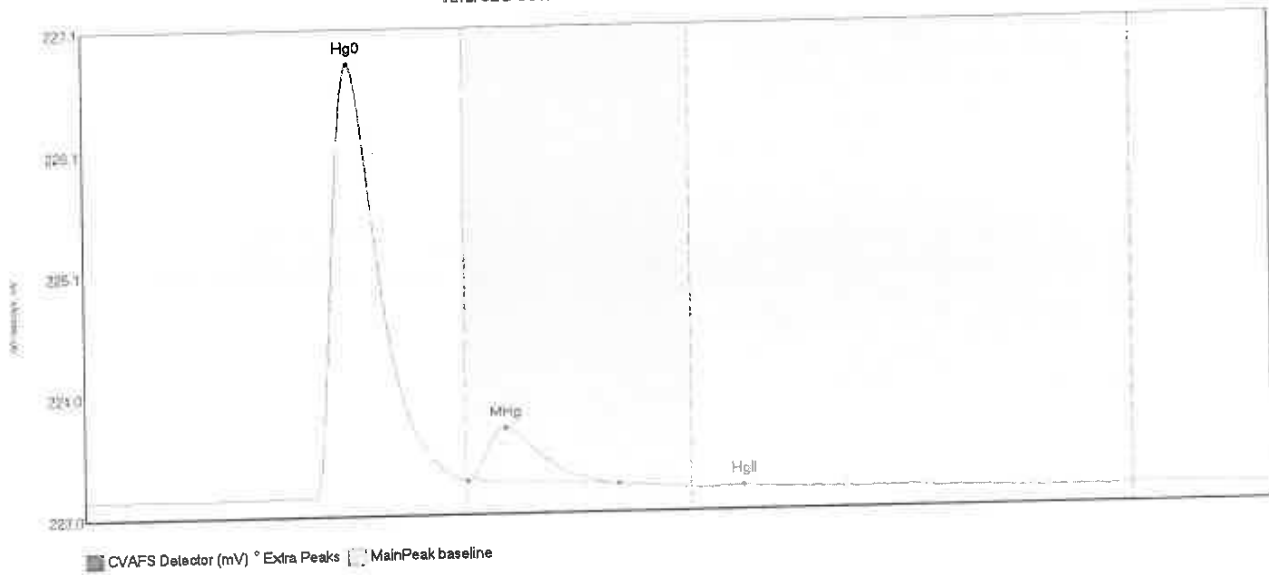
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-BJ Hg0	355.243	48.0	80.0	223.16	223.29	55.2	3.270	CI	223.1625	0.00	0.01	F009428
0100073-BJ MHg	3.585	82.1	96.2	223.28	223.28	87.6	0.045	OK	223.1625	0.00	0.01	F009428
0100073-BJ HgII	410.696	127.5	183.1	223.21	223.23	140.1	2.070	OK	223.1625	0.00	0.01	F009428

#271: 0100084-02



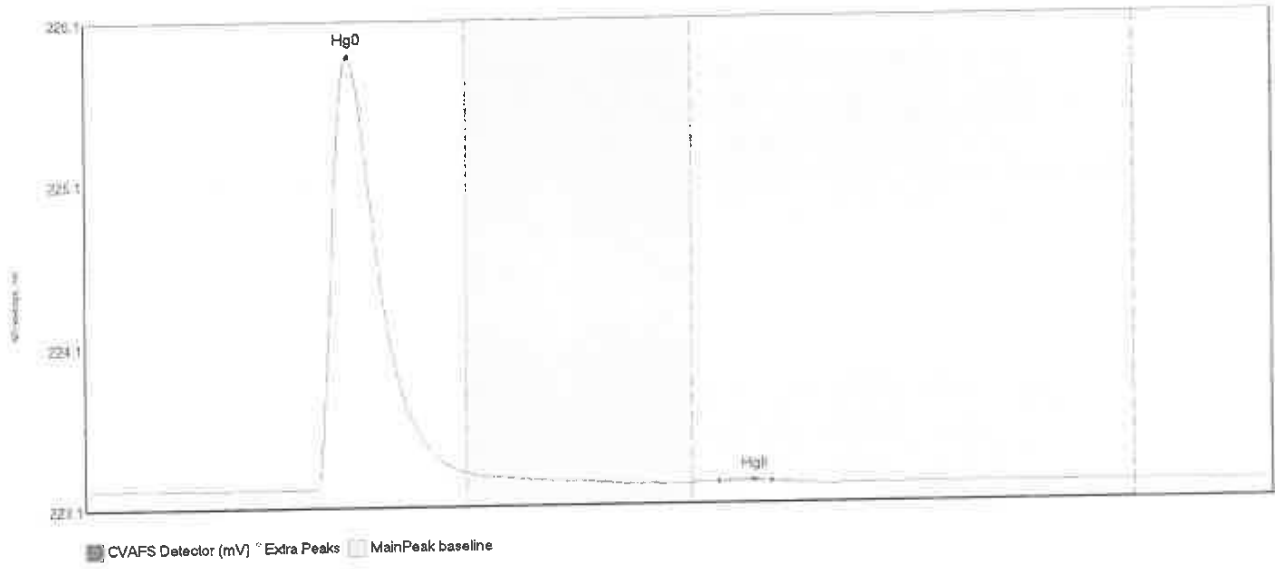
Batch	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100084-02	Hg0 726.694	45.7	80.0	223.17	223.38	55.5	6.479	CT	223.1934	0.00	0.00	F009428
0100084-02	MHg 16.457	81.9	112.2	223.35	223.24	88.1	0.128	OK	223.1934	0.00	0.00	F009428
0100084-02	HgII 140.617	127.5	179.2	223.25	223.21	138.6	0.717	OK	223.1934	0.00	0.00	F009428

#272: SEQ-CCVN



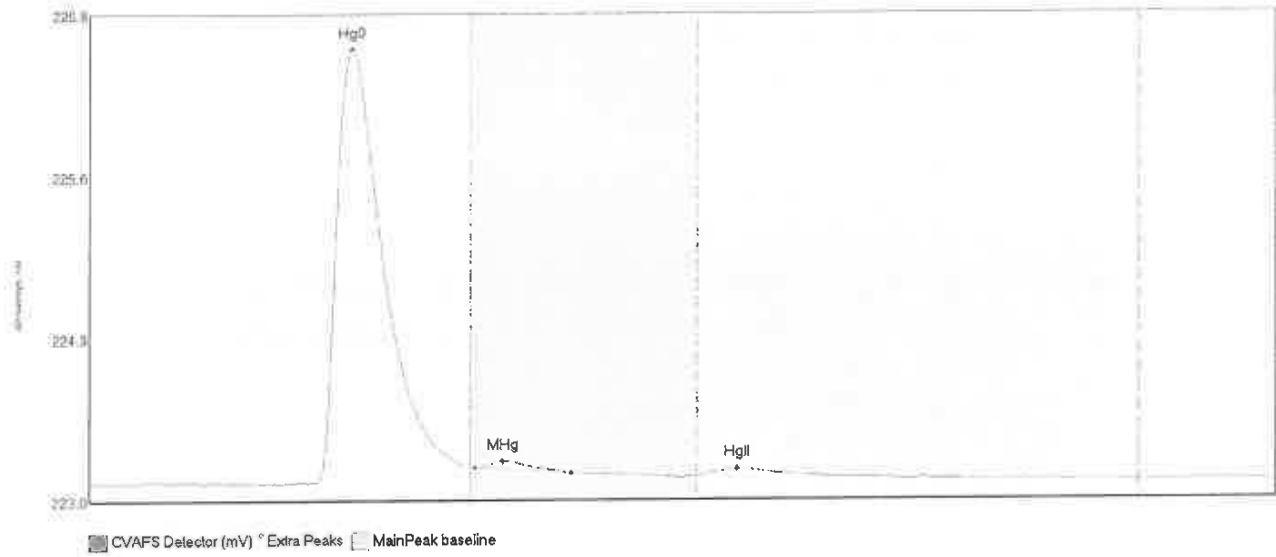
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVN Hg0	405.533	47.9	80.0	223.18	223.31	55.7	3.646	CT	223.1794	0.00	0.00	
SEQ-CCVN MHg	57.528	80.4	112.0	223.31	223.26	88.4	0.437	OK	223.1794	0.00	0.00	
SEQ-CCVN HgII	0.751	131.7	141.6	223.22	223.23	138.5	0.015	OK	223.1794	0.00	0.00	

#273: SEQ-CCBN



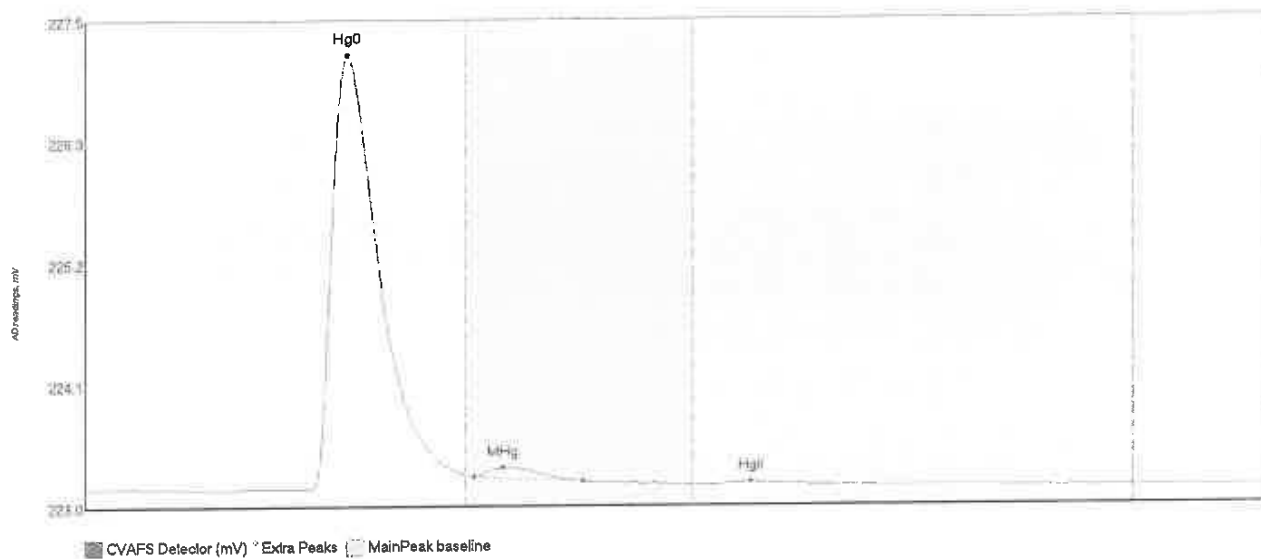
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift
SEQ-CCBN Hg0	295.625	47.7	60.0	223.17	223.27	55.3	2.679	CT	223.1817	0.00	-0.01
SEQ-CCBN HgII	0.635	133.0	144.0	223.19	223.19	140.3	0.011	OK	223.1817	0.00	-0.01

#274: 0100084-03



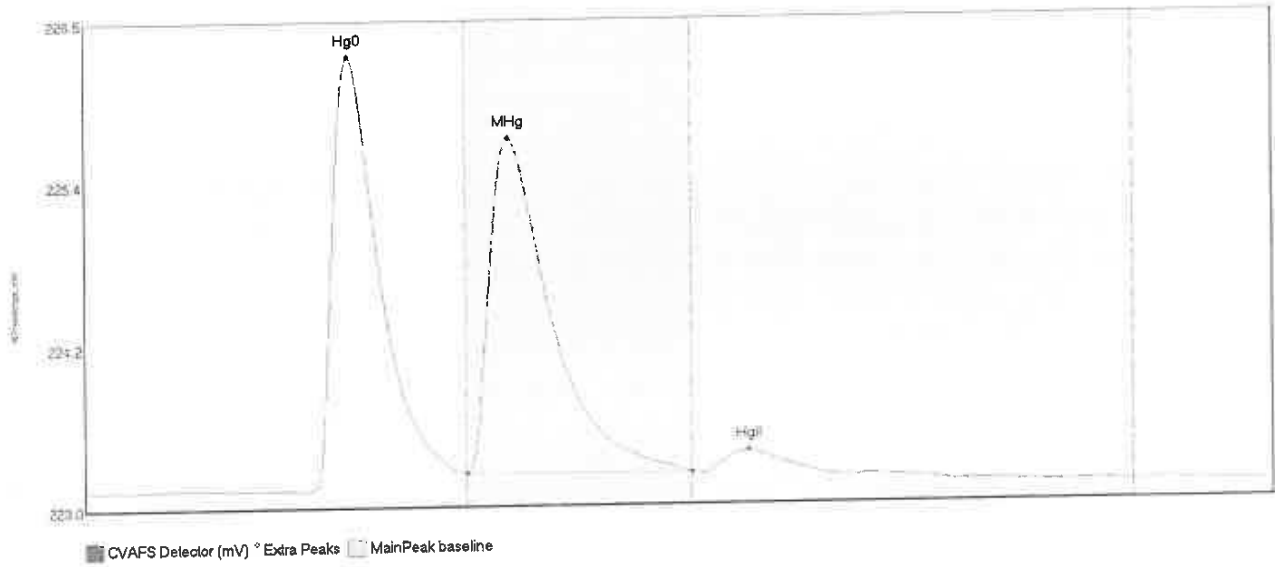
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	View	Shift	Comment
0100084-03 Hg0	376.638	47.3	80.0	223.18	223.30	55.1	3.392	CT	223.1799	3.392	0.00	F009428
0100084-03 MHg	6.783	81.0	100.9	223.29	223.25	86.7	0.056	OK	223.1799	0.056	0.00	F009428
0100084-03 HgII	6.047	127.5	150.7	223.22	223.23	135.8	0.055	OK	223.1799	0.055	0.00	F009428

#275: 0100085-01



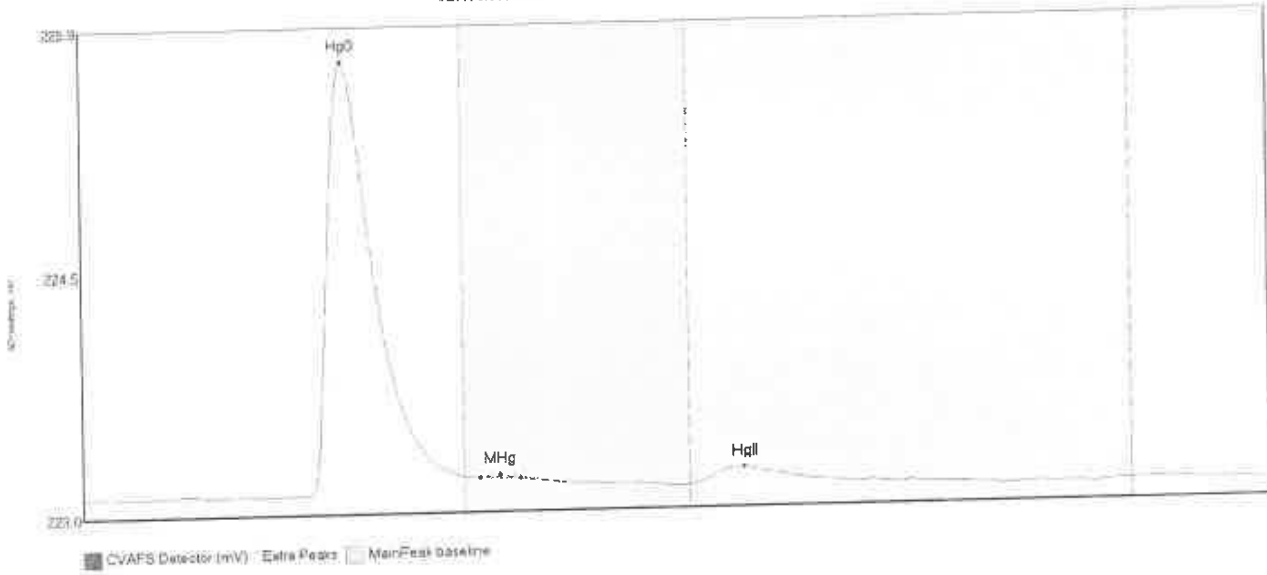
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Height	Baseline	Comment
0100085-01 Hg0	439.806	47.6	80.0	223.17	223.29	55.3	3.964	CT	223.1783	0.00	-0.01	F009428
0100085-01 MHg	11.633	81.8	104.5	223.28	223.23	87.8	0.082	OK	223.1783	0.00	-0.01	F009428
0100085-01 HgII	2.400	130.3	148.9	223.19	223.20	139.7	0.029	OK	223.1783	0.00	-0.01	F009428

#276: 0100086-01



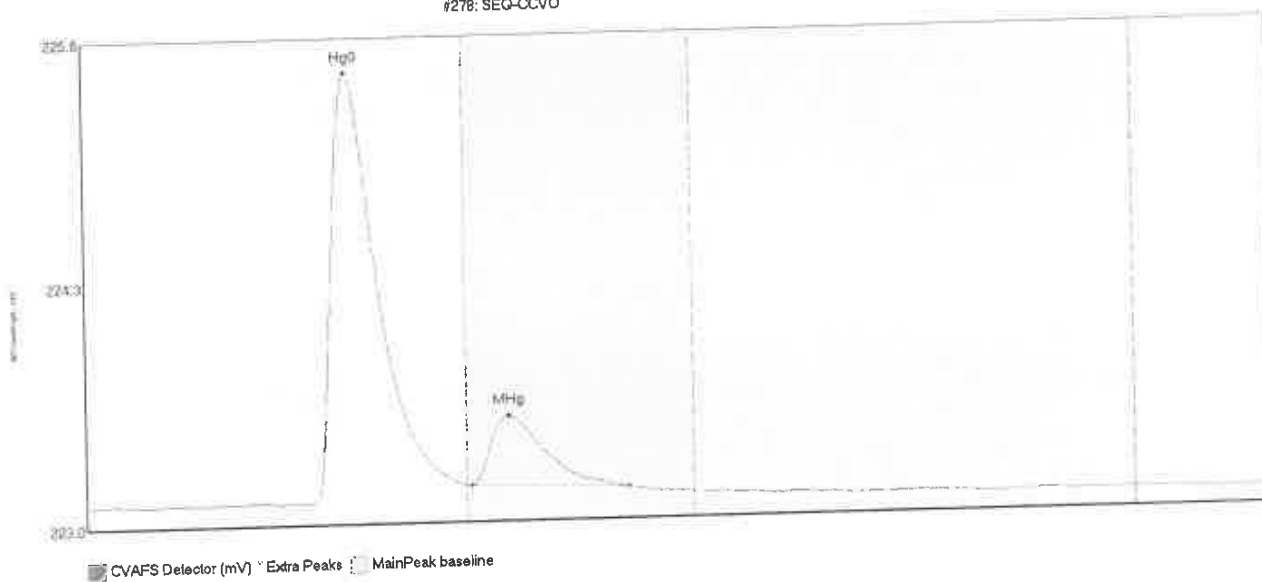
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100086-01 Hg0	343.585	47.8	80.0	223.17	223.28	55.4	3.111	CT	223.1690	0.00	-0.01	F009428
0100086-01 MHg	354.096	80.1	127.5	223.28	223.27	88.9	2.408	CT	223.1690	0.00	-0.01	F009428
0100086-01 HgII	21.986	129.8	158.0	223.26	223.24	139.2	0.155	OK	223.1690	0.00	-0.01	F009428

#277: 000089-01

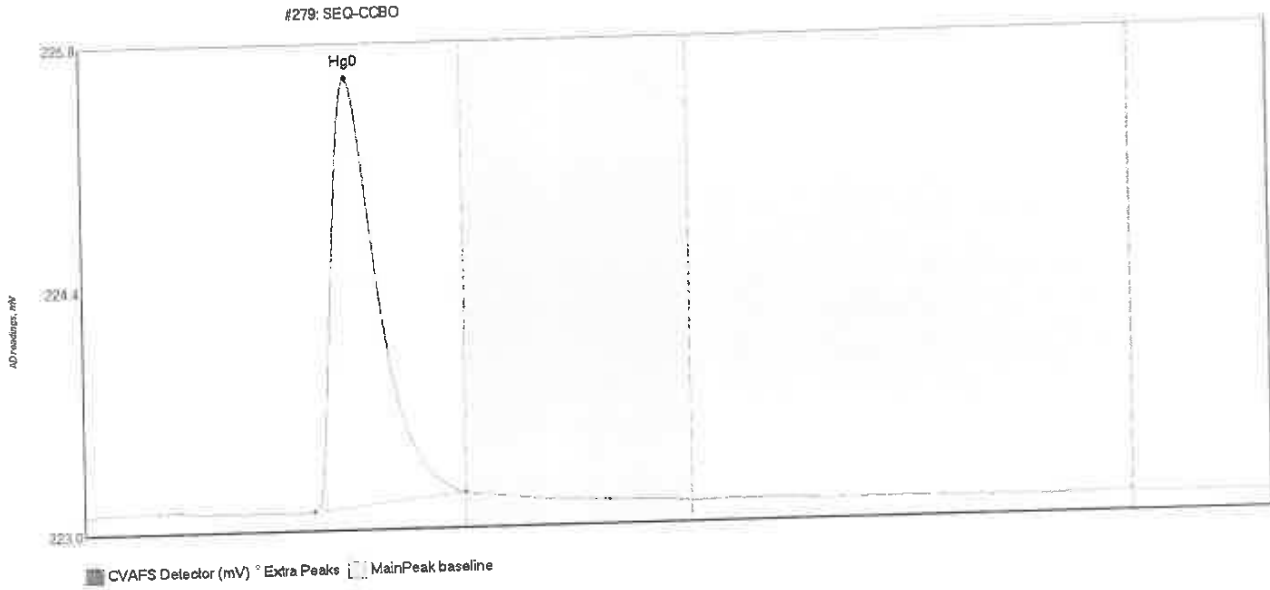


Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Area	BIDev	BIShift	Comment
Hg0 275.133	47.6	80.0	223.16	223.25	55.0	2.516	CT	275.133	0.00	0.00	
MHg 0.711	93.3	91.8	223.25	223.24	87.5	0.012	OK	223.25	0.00	0.00	
HgII 15.213	127.5	160.7	223.18	223.18	138.7	0.098	OK	223.18	0.00	0.00	

#278: SEQ-CCVO

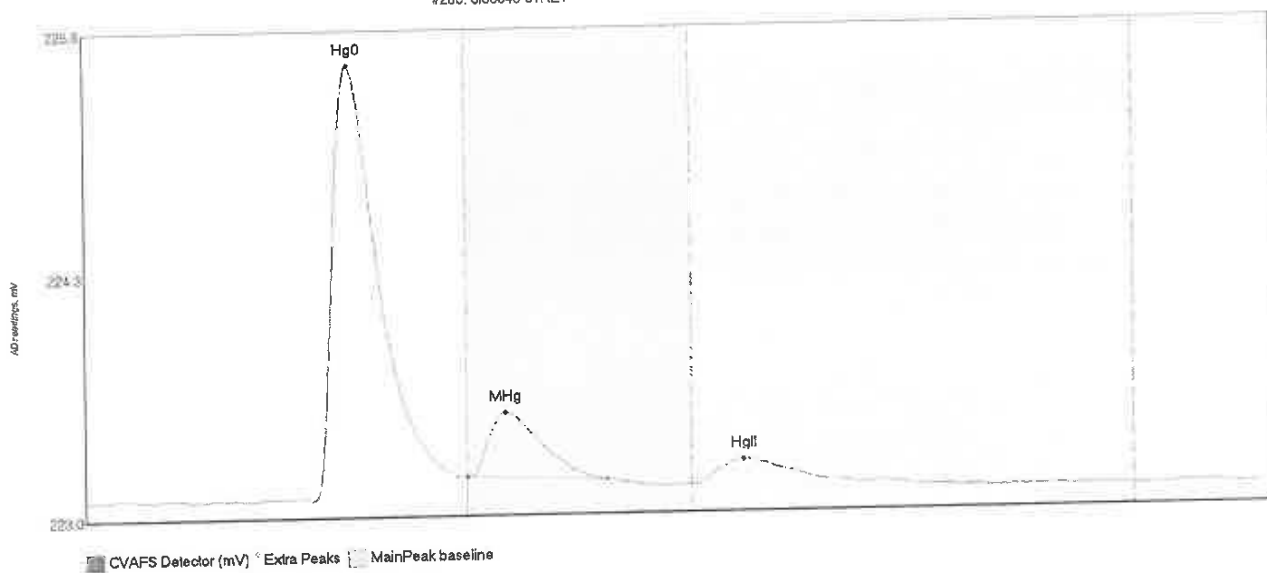


Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
Hg0	251.011	46.6	80.0	223.16	223.24	55.2	2.296	CT	223.1609	0.00	-0.02
MHg	48.411	81.0	113.9	223.21	223.21	88.8	0.368	OK	223.1609	0.00	-0.02



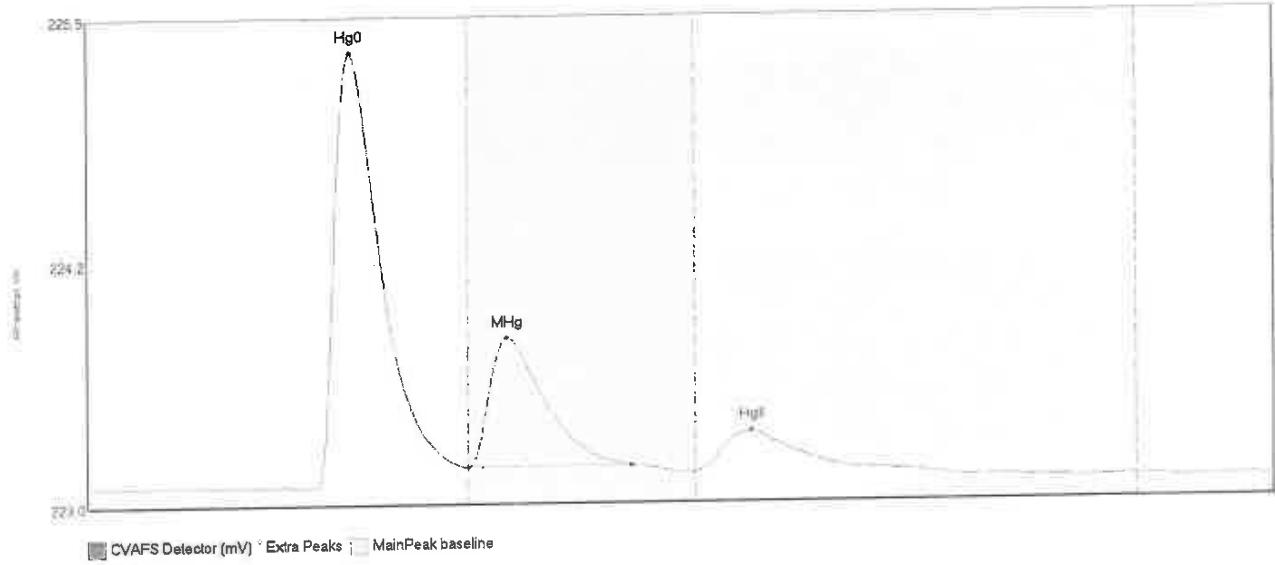
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCBO	264.519	48.3	80.0	223.14	223.24	55.7	2.436	CT	223.1493	0.00	-0.01	

#280: 0100043-51RE1



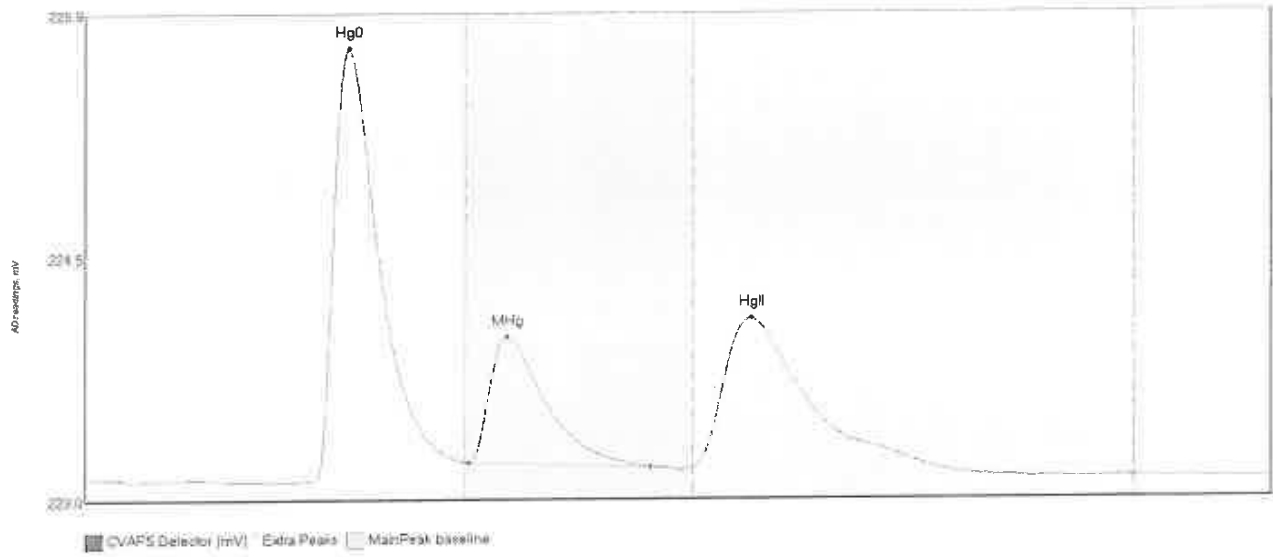
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BIDev	BIShift	Comment
0100043-51RE1 H	244.409	47.9	80.0	223.13	223.23	55.5	2.247	CT	223.1301	0.00	0.01	F009389
0100043-51RE1 M	43.483	80.2	109.6	223.23	223.21	88.1	0.336	OK	223.1301	0.00	0.01	F009389
0100043-51RE1 H	21.094	128.1	162.6	223.17	223.17	138.1	0.129	OK	223.1301	0.00	0.01	F009389

#281: 0100043-52RE1



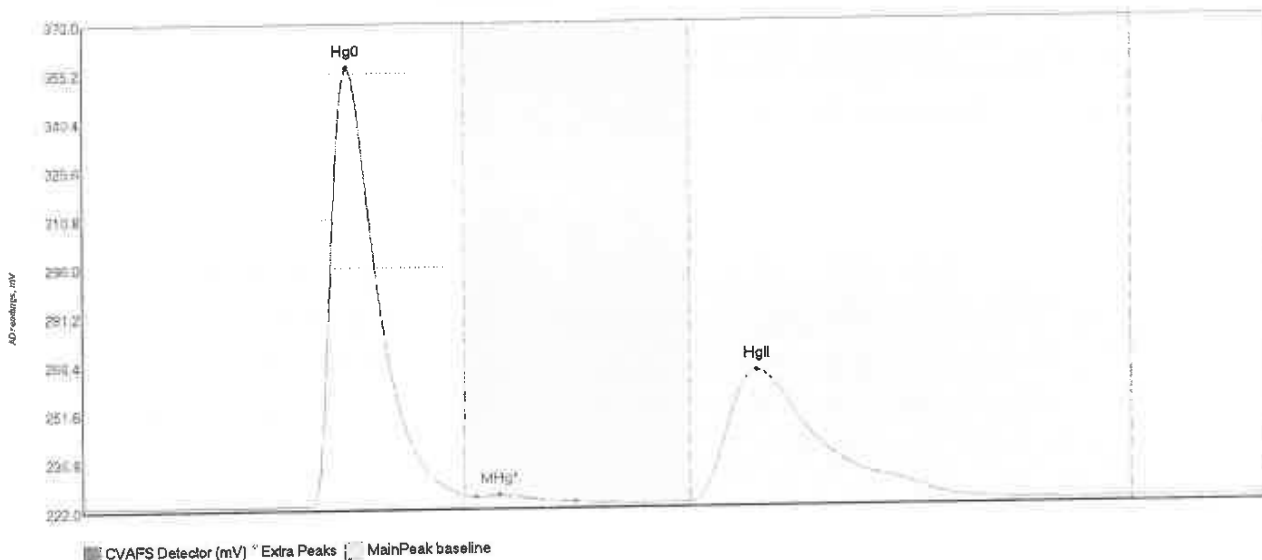
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	Shift	Offset
0100043-52RE1	H 236.826	47.7	79.8	223.12	223.21	55.2	2.173	OK	223.1237	0.01	0.01	0.01
0100043-52RE1	M 86.612	80.0	114.2	223.22	223.22	88.3	0.646	OK	223.1237	0.01	0.01	0.01
0100043-52RE1	H 33.825	127.5	169.5	223.18	223.19	139.3	0.203	OK	223.1237	0.01	0.01	0.01

#282: 0100043-53RE1



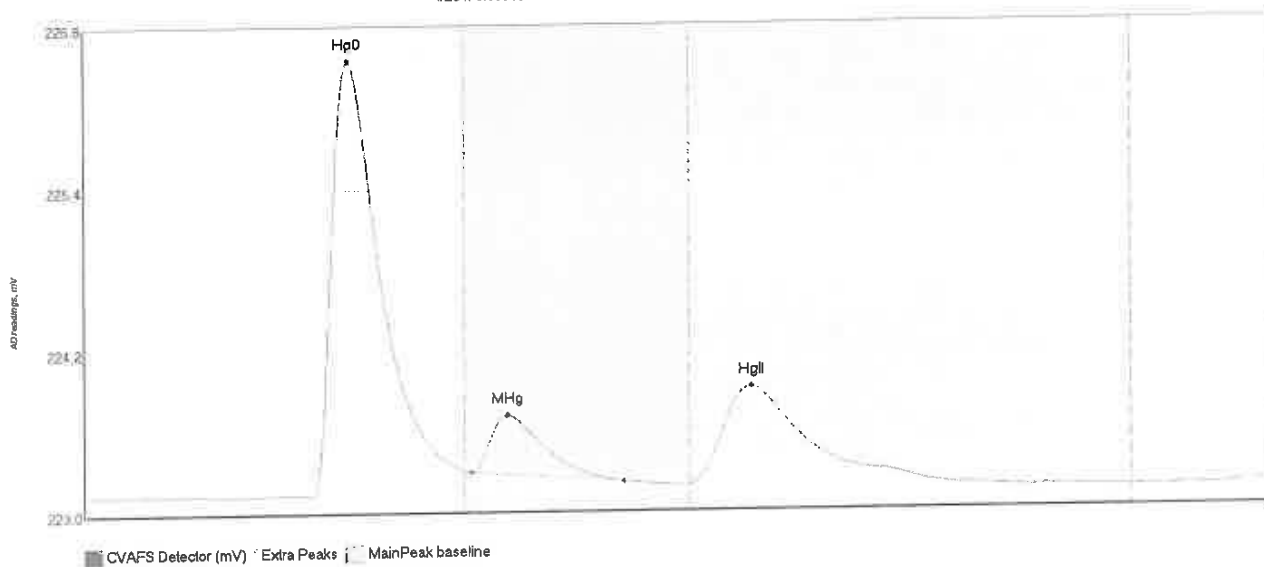
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100043-53RE1 H	283.849	47.4	80.0	223.13	223.24	55.5	2.609	CT	223.1439	0.00	0.00	F009389
0100043-53RE1 M	103.706	80.6	118.5	223.23	223.21	88.7	0.762	OK	223.1439	0.00	0.00	F009389
0100043-53RE1 H	187.018	127.5	184.3	223.20	223.17	139.7	0.904	OK	223.1439	0.00	0.00	F009389

#283: 0100043-54RE1



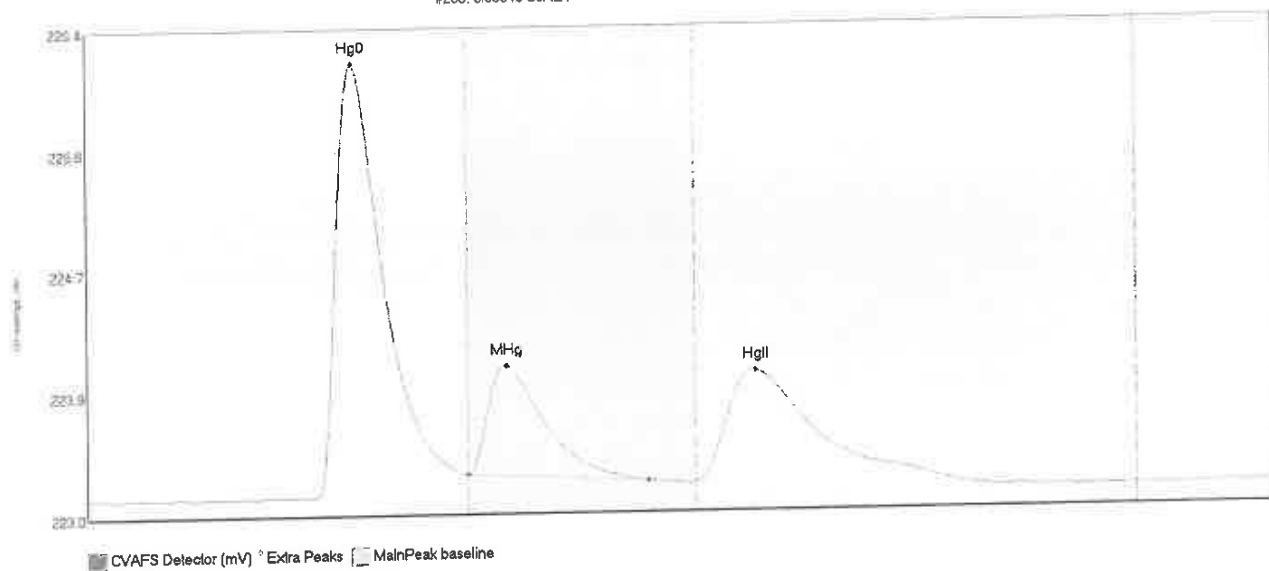
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100043-54RE1 H	14458.568	45.6	80.0	223.13	226.22	325.2	133.600	CT	223.1392	0.00	0.44	F009389
0100043-54RE1 M	97.180	82.4	103.0	225.66	223.95	225.66	0.588	ED	223.1392	0.00	0.44	F009389
0100043-54RE1 H	8591.374	127.5	219.4	223.56	223.39	260.4	39.910	OK	223.1392	0.00	0.44	F009389

#284: 0100043-55RE1



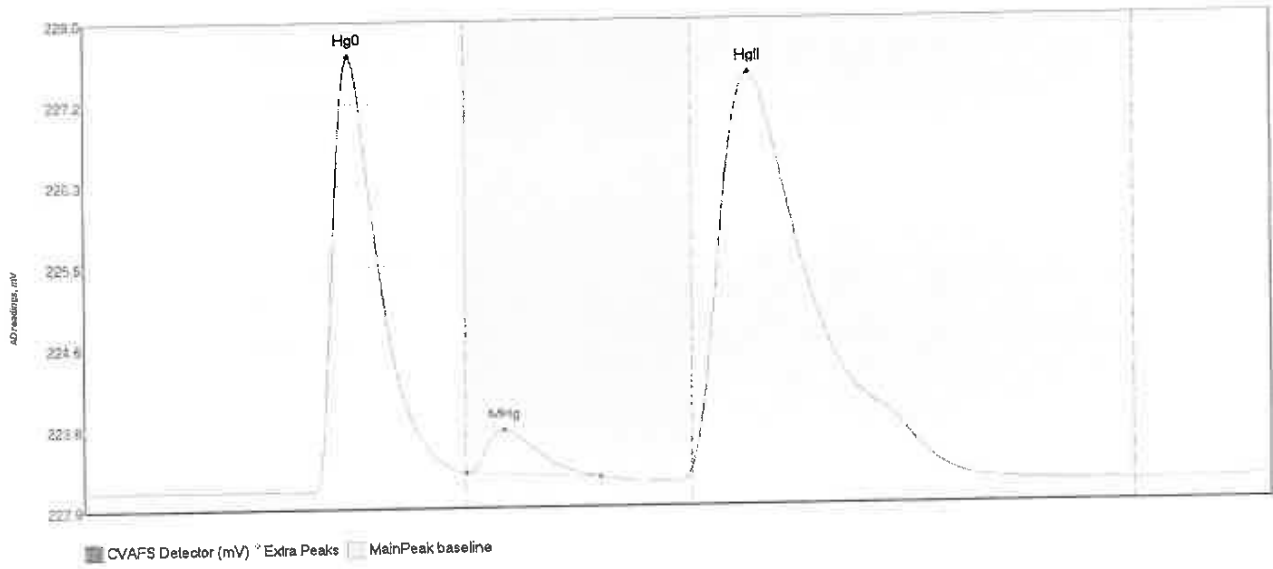
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Width (m)	BlDev	0000000	Comment
0100043-55RE1 H	365.652	48.0	80.0	223.15	223.32	55.7	3.240	CF	223.150	0.00	0.04	P009389
0100043-55RE1 M	57.196	81.4	113.7	223.31	223.23	89.0	0.426	OK	223.150	0.00	0.04	P009389
0100043-55RE1 H	144.324	127.5	181.6	223.20	223.20	140.2	0.732	OK	223.148	0.00	0.04	P009389

#286: 0100043-56RE1



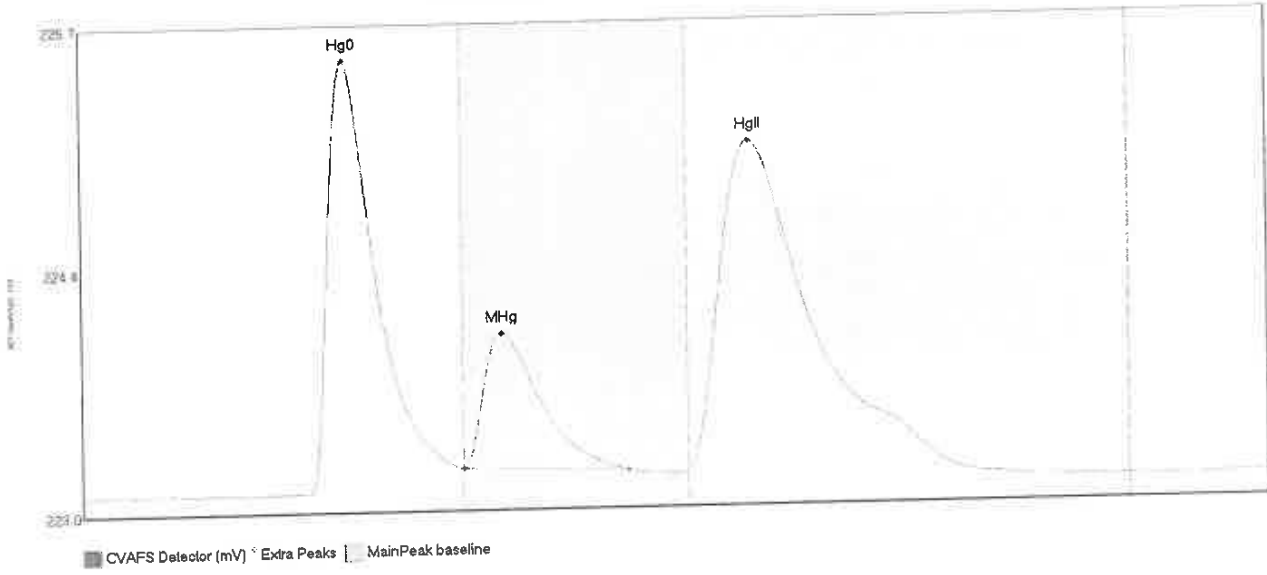
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
0100043-56RE1 H	341.590	47.8	79.9	223.13	223.28	55.7	3.068	OK	223.1350	0.00	0.03	F009389
0100043-56RE1 M	106.443	80.0	117.6	223.28	223.22	88.2	0.771	OK	223.1350	0.00	0.03	F009389
0100043-56RE1 H	173.086	127.5	185.8	223.20	223.17	140.1	0.789	OK	223.1350	0.00	0.03	F009389

#286: 0100043-57RE1



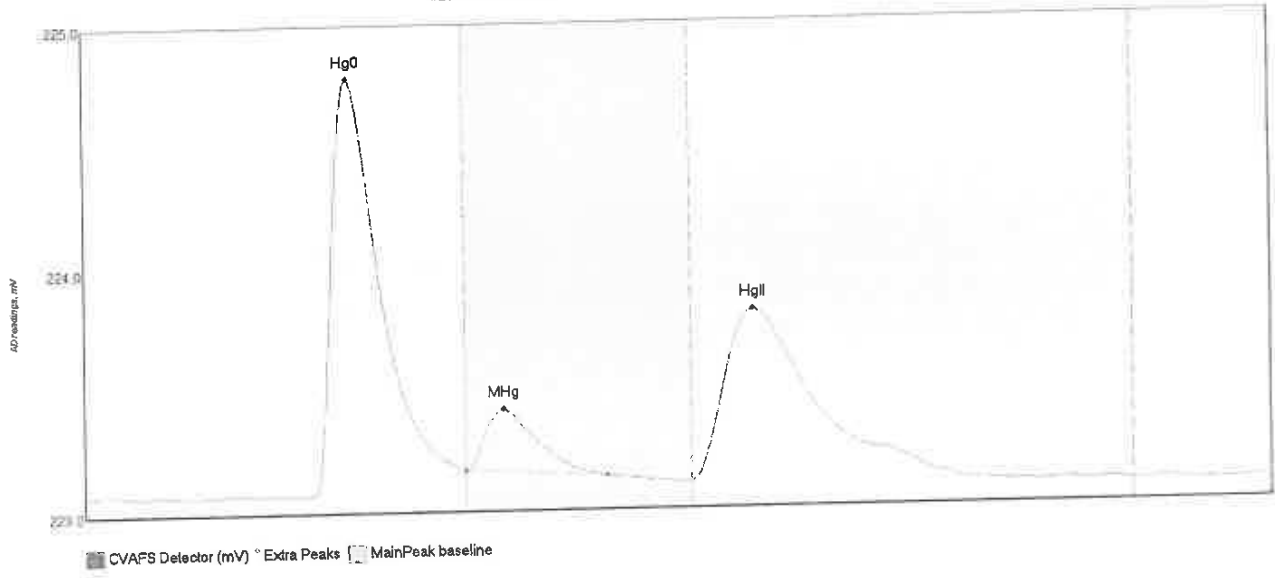
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-57RE1 H	494.782	45.8	80.0	223.12	223.31	55.6	4.516	CT	223.1304	0.00	0.07	F009389
0100043-57RE1 M	55.537	80.1	108.0	223.31	223.25	88.1	0.443	OK	223.1304	0.00	0.07	F009389
0100043-57RE1 H	902.193	127.5	193.3	223.35	223.20	139.3	4.037	OK	223.1304	0.00	0.07	F009339

#287: 010043-58RE1



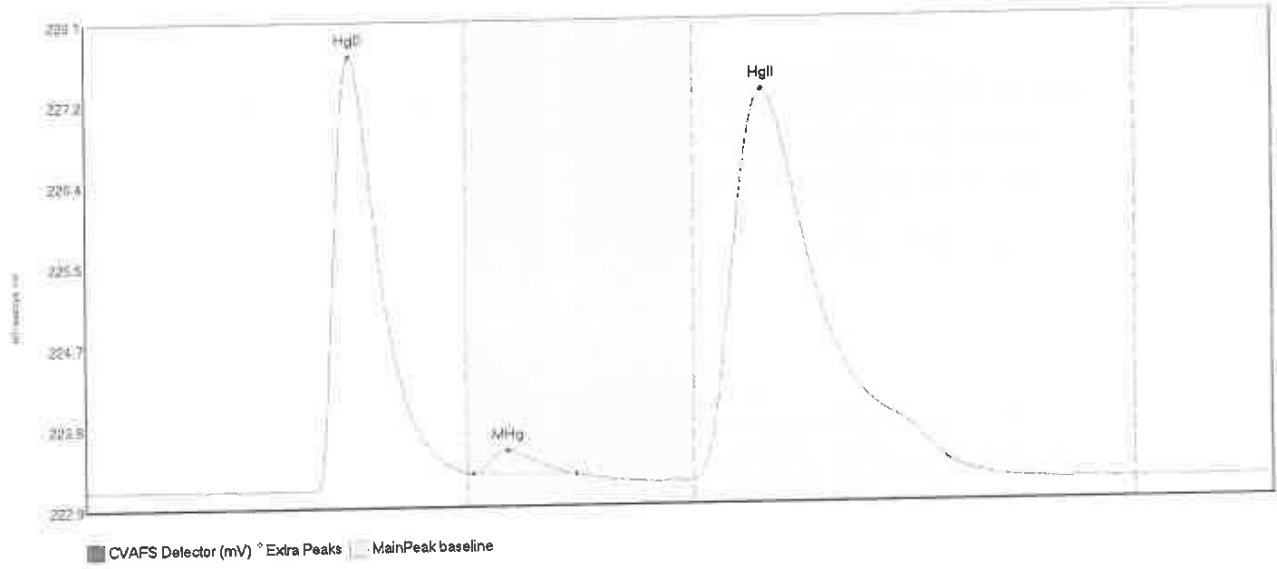
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B.Dev	B.Shift	Comment
0100043-58RE1 H	265.751	45.6	79.7	223.13	223.26	55.5	2.418	OK	223.1223	0.00	0.04	F009389
0100043-58RE1 M	104.457	80.0	114.8	223.26	223.23	88.0	0.754	OK	223.1223	0.00	0.04	F009389
0100043-58RE1 R	401.888	127.5	187.7	223.23	223.19	140.4	1.833	OK	223.1223	0.00	0.04	F009339

#289: 0100043-59RE1



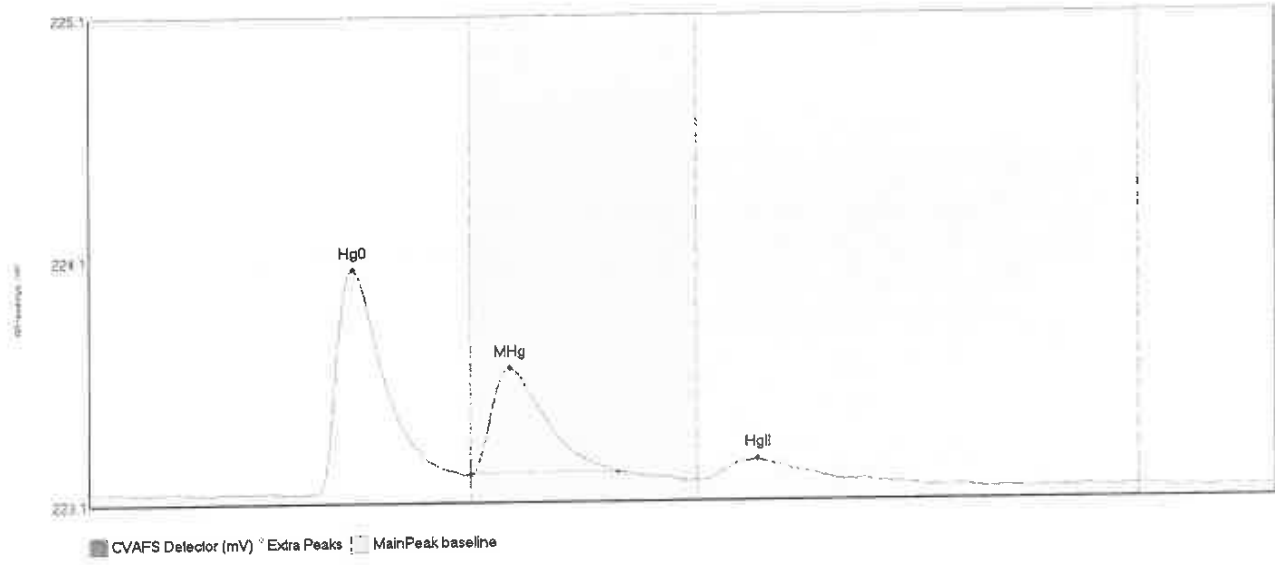
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100043-59RE1 H	191.187	47.7	80.0	223.12	223.21	55.5	1.712	CT	223.1210	0.00	0.01	F009389
0100043-59RE1 M	32.641	80.0	109.8	223.21	223.18	88.0	0.252	OK	223.1210	0.00	0.01	F009389
0100043-59RE1 H	149.837	127.5	183.3	223.16	223.16	140.2	0.703	OK	223.1210	0.00	0.01	F009389

#289: 0100043-60RE1



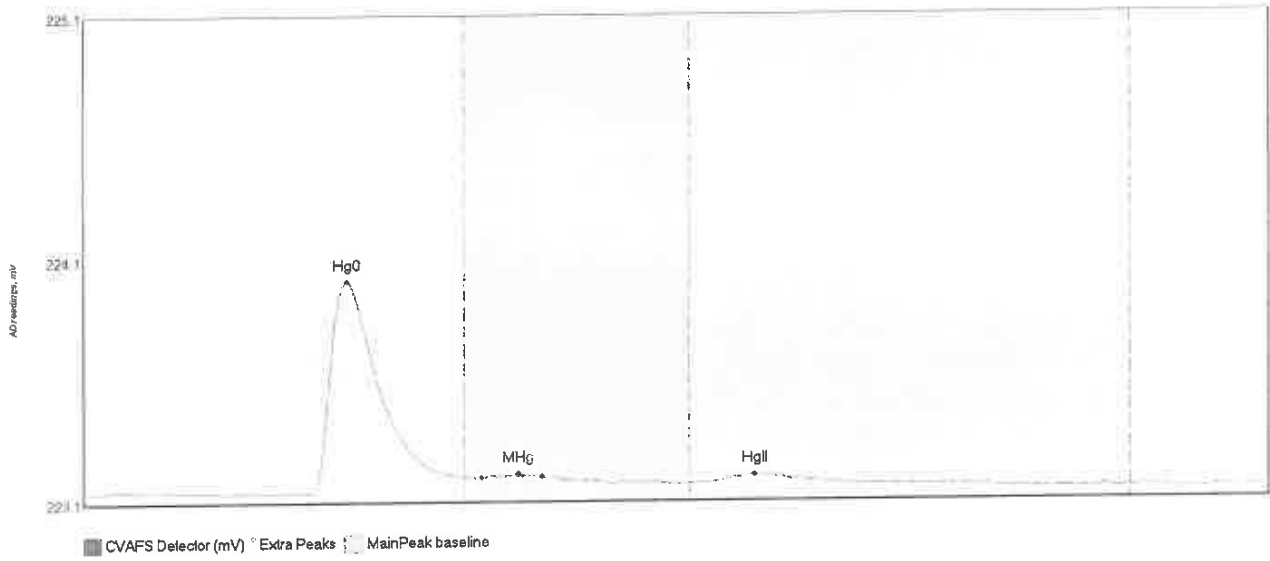
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	RIDev	BIShift	Comment
0100043-60RE1	H 504.060	46.8	80.0	223.13	223.29	55.4	4.591	CT	223.1294	0.00	0.04	F009389
0100043-60RE1	M 26.354	81.3	102.7	223.28	223.27	88.5	0.241	OK	223.1294	0.00	0.04	F009389
0100043-60RE1	H 887.079	127.5	192.4	223.19	223.20	141.9	4.124	OK	223.1294	0.00	0.04	F009389

#290: SEQ-CCVP



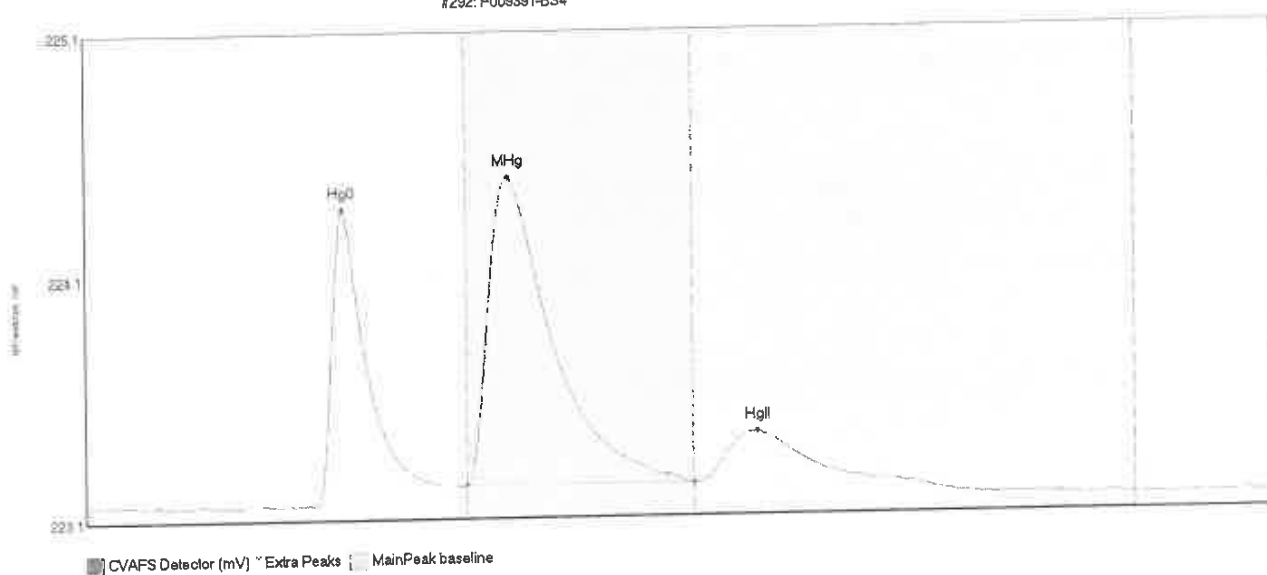
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
SEQ-CCVP Hg0	101.637	48.1	78.7	223.12	223.20	55.5	0.918	OK	223.1240	0.00	0.00	
SEQ-CCVP MRg	55.703	80.0	110.7	223.20	223.20	88.0	0.429	OK	223.1240	0.00	0.00	
SEQ-CCVP HgII	12.993	128.5	157.2	223.16	223.17	140.0	0.089	OK	223.1240	0.00	0.00	

#291: SEQ-CCVP



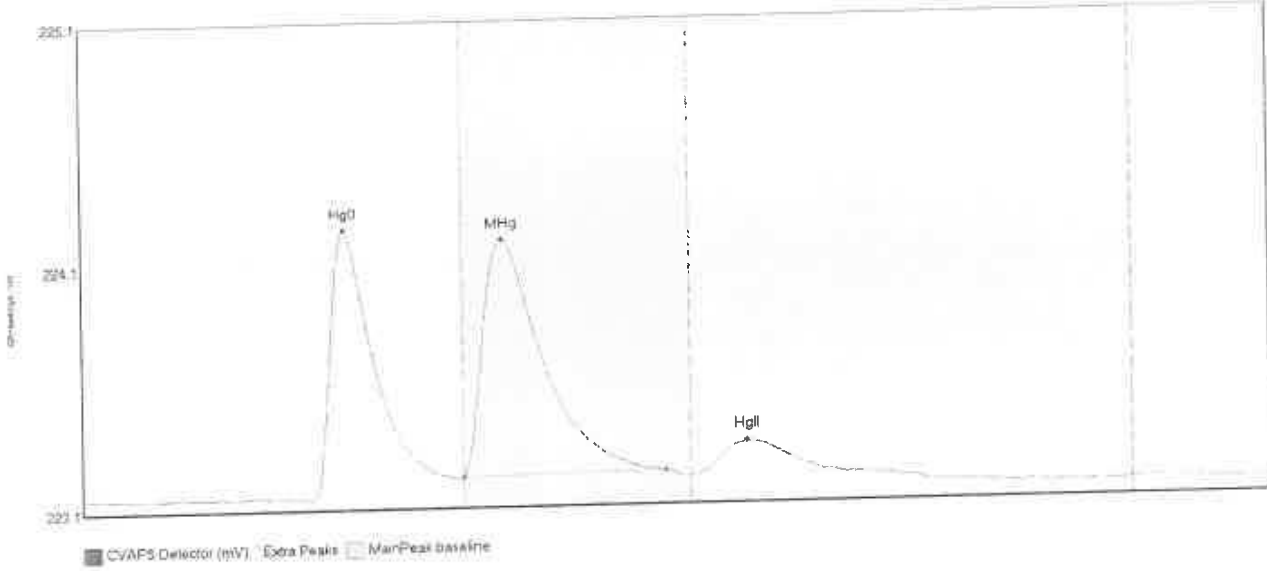
Scan	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Response	BiDev	Comment
SEQ-CCVP Hg0	96.521	47.9	80.0	223.13	223.19	55.6	0.275	CF	223.1300	0.00	
SEQ-CCVP MHg	0.833	83.5	96.2	223.19	223.19	81.3	0.014	OK	223.1900	0.00	
SEQ-CCVP HgII	4.139	130.9	156.2	223.17	223.17	141.0	0.032	OK	223.1700	0.00	

#292: F009391-BS4



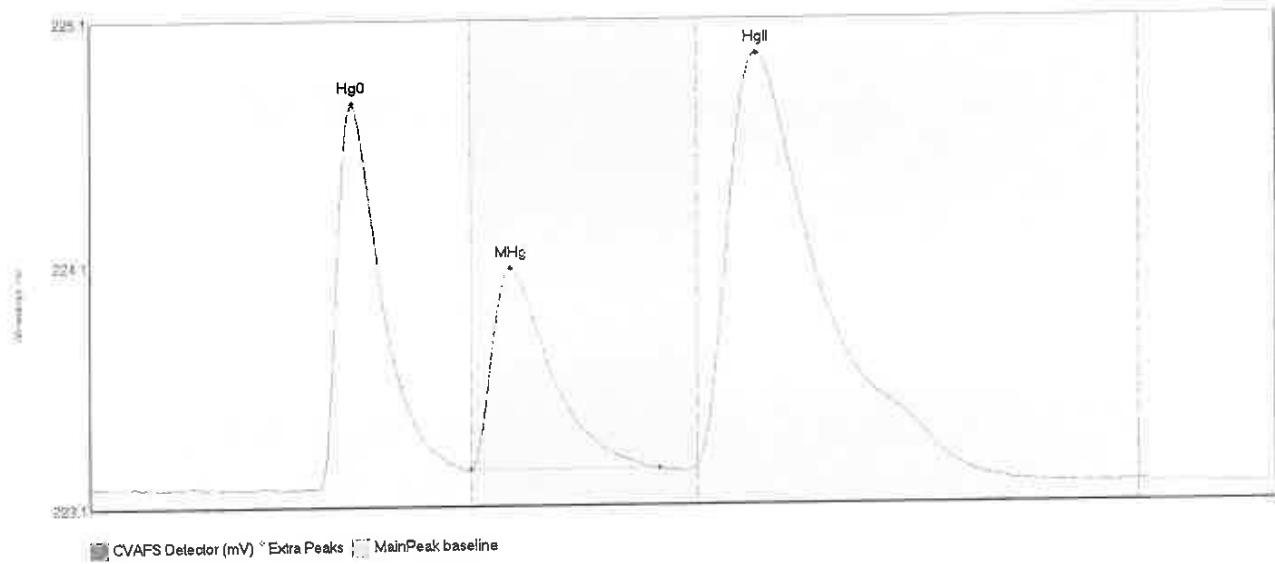
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	ElDev	BiShift	Comment
F009391-BS4 Hg0	99.304	47.9	79.3	223.14	223.21	54.0	1.210	OK	223.1366	0.00	0.00	F009391
F009391-BS4 MHg	195.565	80.0	127.5	223.21	223.21	88.8	1.262	CT	223.1366	0.00	0.00	F009391
F009391-BS4 HgI	34.892	127.5	165.7	223.21	223.21	140.3	0.207	OK	223.1366	0.00	0.00	F009391

#293: F009391-BSD4

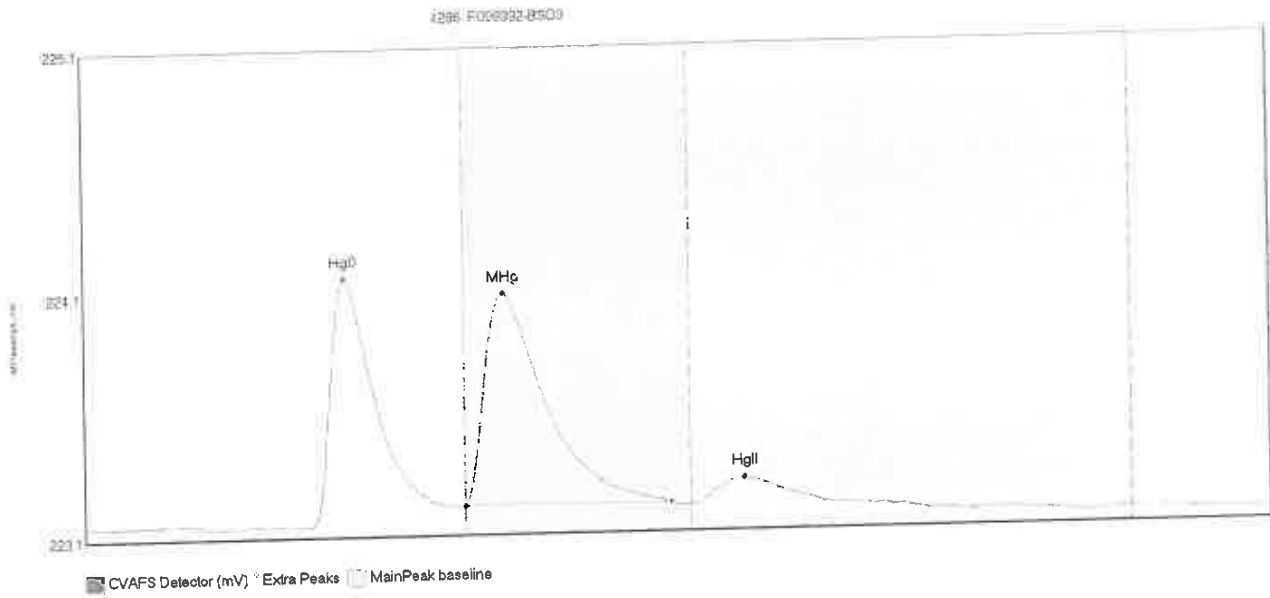


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009391-BSD4 Hg	113.863	48.2	79.3	223.12	223.20	55.0	1.099	OK	223.1325	0.00	0.01	F009391
F009391-BSD4 MH	139.529	80.0	122.2	223.20	223.21	88.3	0.972	OK	223.1325	0.00	0.01	F009391
F009391-BSD4 Hg	21.559	128.4	162.8	223.19	223.20	139.1	0.139	OK	223.1325	0.00	0.01	F009391

#294: F009392-BS3

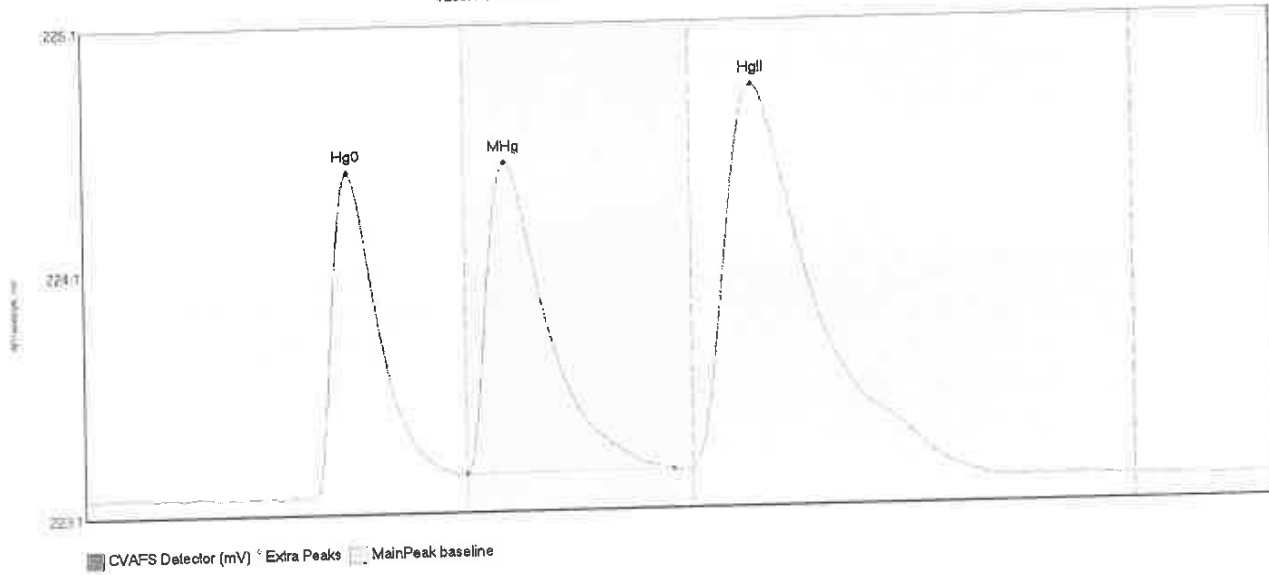


Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009392-BS3 Hg0	169.276	48.4	79.4	223.14	223.21	55.2	1.600	OK	223.1496	0.00	-0.01	F009392
F009392-BS3 MHg	119.933	80.0	119.5	223.22	223.22	68.2	0.841	OK	223.1496	0.00	-0.01	F009392
F009392-BS3 HgI	378.560	127.5	187.9	223.23	223.19	139.7	1.712	OK	223.1496	0.00	-0.01	F009392



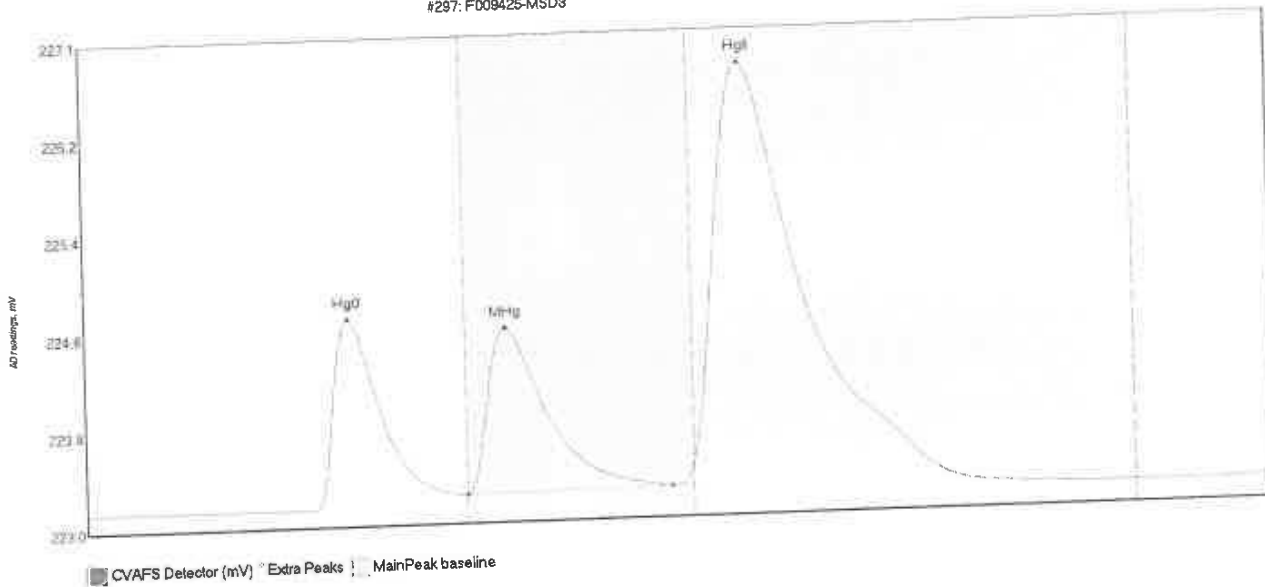
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Comment
F009392-BSD3 Hg	105.044	47.8	79.0	223.13	223.20	54.9	1.015	OK	223.1436	0.00	F009392
F009392-BSD3 MH	129.687	80.0	123.4	223.21	223.21	88.2	0.869	OK	223.1436	0.00	F009392
F009392-BSD3 Hg	14.978	128.4	155.8	223.20	223.20	138.6	0.104	OK	223.1436	0.00	F009392

#296: F009425-MS3



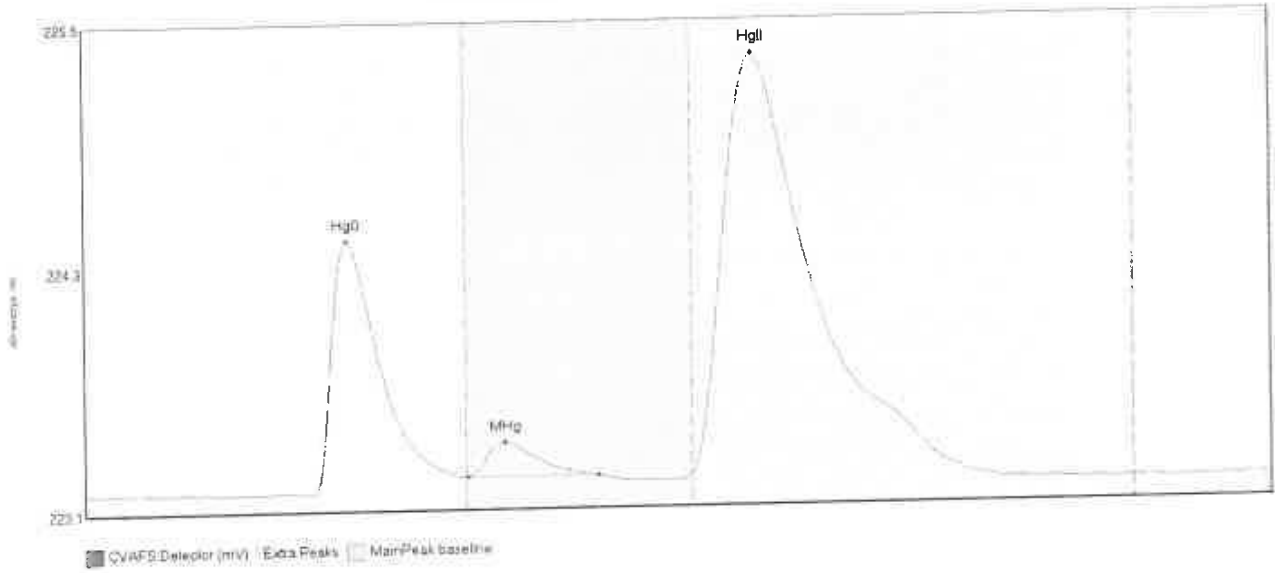
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009425-MS3 Hg0	146.199	47.8	78.9	223.14	223.22	55.2	1.331	OK	223.1404	0.00	0.04	F009425
F009425-MS3 MHg	166.062	80.0	123.4	223.22	223.23	88.4	1.280	OK	223.1404	0.00	0.04	F009425
F009425-MS3 HgI	334.747	127.5	189.7	223.23	223.18	140.2	1.573	OK	223.1404	0.00	0.04	F009425

#297: F009425-MSD3



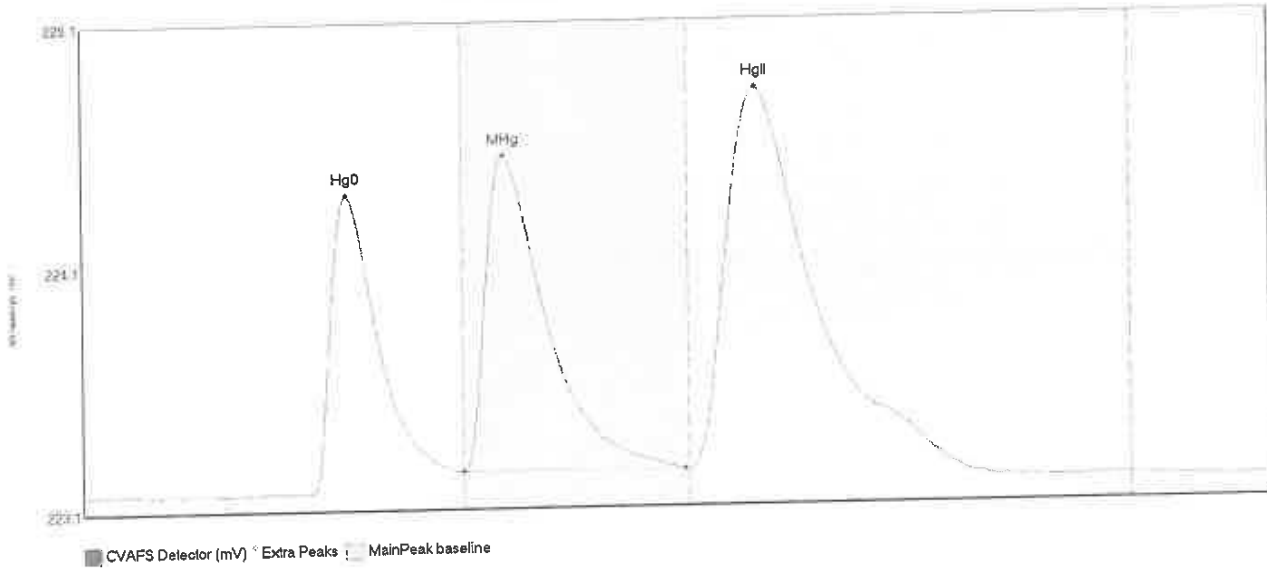
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Width	BShift	Comment
F009425-MSD3 Hg	174.338	47.5	79.7	223.14	223.24	55.4	1.586	OK	223.1471	2.00	0.05	F009425
F009425-MSD3 MH	193.830	80.0	122.6	223.24	223.25	88.4	1.376	OK	223.1471	2.00	0.05	F009425
F009425-MSD3 Hg	681.833	127.5	188.2	223.48	223.23	137.9	3.292	OK	223.1471	2.00	0.05	F009425

#298: 0100073-67RE1



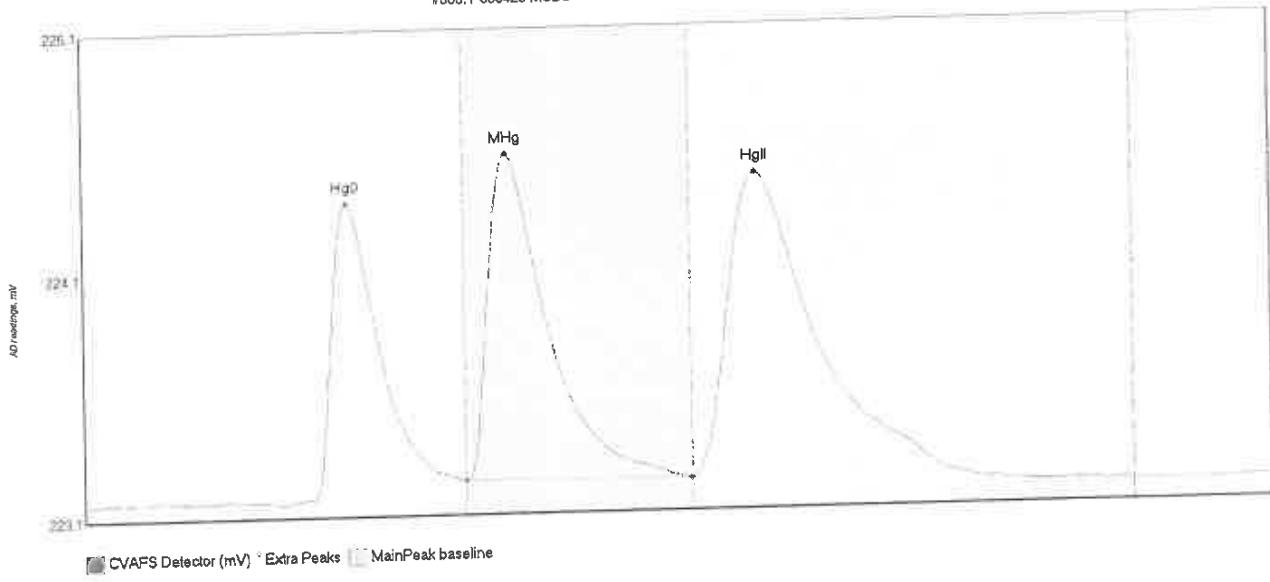
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
0100073-67RE1 H	143.280	48.0	80.0	223.15	223.22	55.4	1.283	CT	223.1557	0.06	0.03	F009426
0100073-67RE1 M	20.699	80.3	107.7	223.22	223.22	88.2	0.172	OK	223.1557	0.09	0.03	F009426
0100073-67RE1 H	455.679	127.5	167.6	223.23	223.20	140.2	2.130	OK	223.1557	0.09	0.03	F009426

#299: F009426-MS3



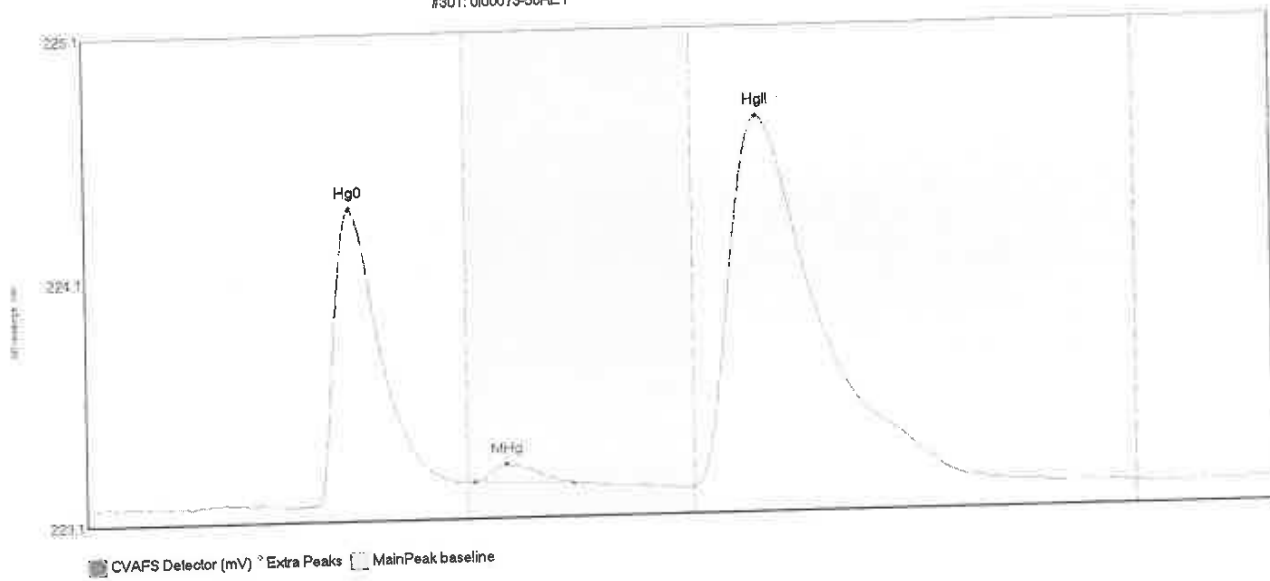
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
F009426-MS3 Hg0	135.597	45.2	80.0	223.17	223.25	55.6	1.227	CT	223.1717	0.00	0.02	F009426
F009426-MS3 MHgI	190.958	80.0	126.6	223.25	223.25	88.7	1.298	OK	223.1717	0.00	0.02	F009426
F009426-MS3 HgI	331.694	127.5	187.2	223.25	223.22	141.5	1.564	OK	223.1717	0.00	0.02	F009426

#300: F009426-MSD3



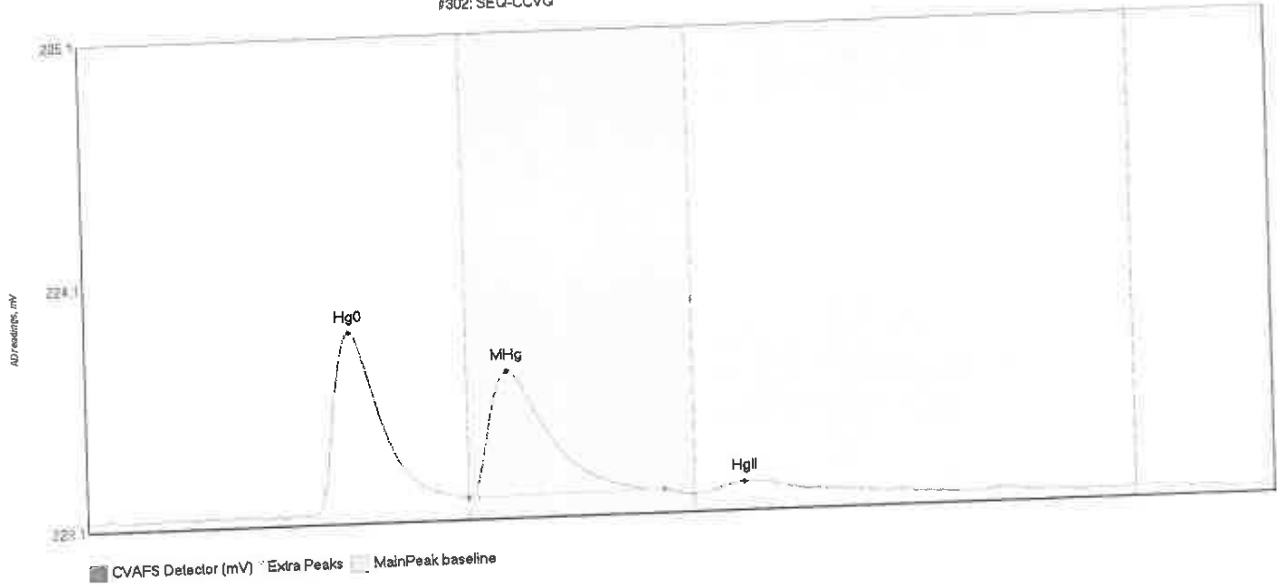
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Comment
F009426-MSD3 Hg	136.928	44.7	80.3	223.18	223.25	55.4	1.226	CT	223.1766	F009426
F009426-MSD3 MH	193.352	80.0	127.0	223.25	223.25	88.9	1.343	OK	223.1766	F009426
F009426-MSD3 Hg	256.582	127.5	181.9	223.25	223.26	141.0	1.251	OK	223.1766	F009426

#301: 0100073-56RE1



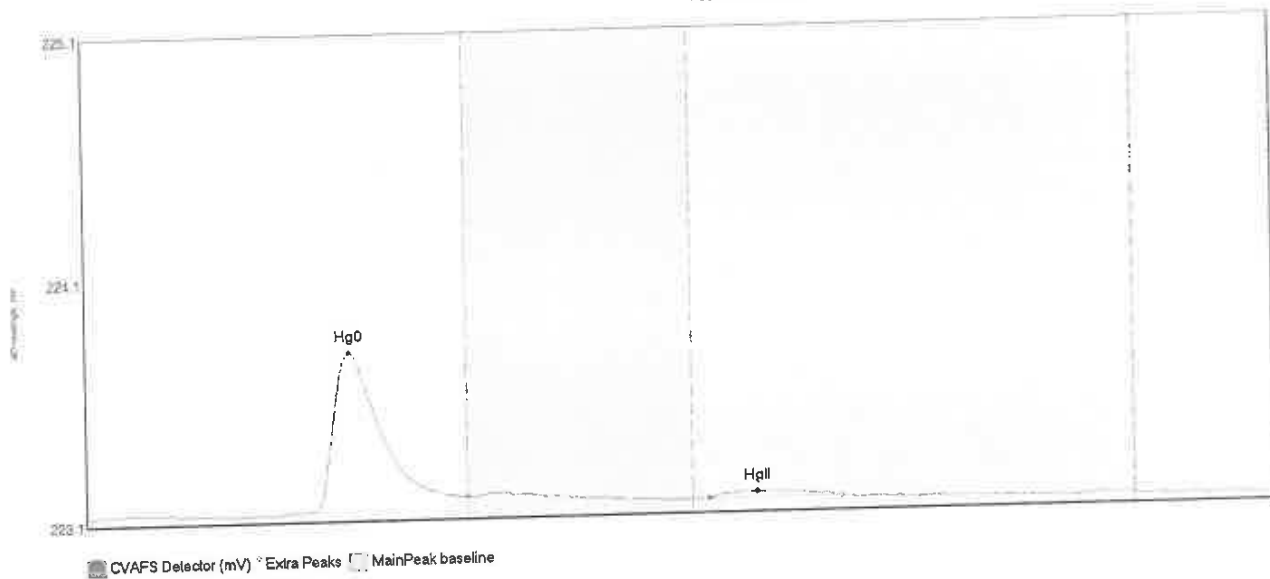
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
0100073-56RE1 H	133.503	48.2	79.9	223.18	223.26	55.6	1.213	OK	223.1811	0.00	0.03	F009426
0100073-56RE1 M	7.974	81.7	102.3	223.26	223.25	88.2	0.071	OK	223.1811	0.00	0.03	F009426
0100073-56RE1 H	324.001	127.5	190.9	223.22	223.23	141.0	1.521	OK	223.1811	0.00	0.03	F009426

#302: SEQ-CCVQ



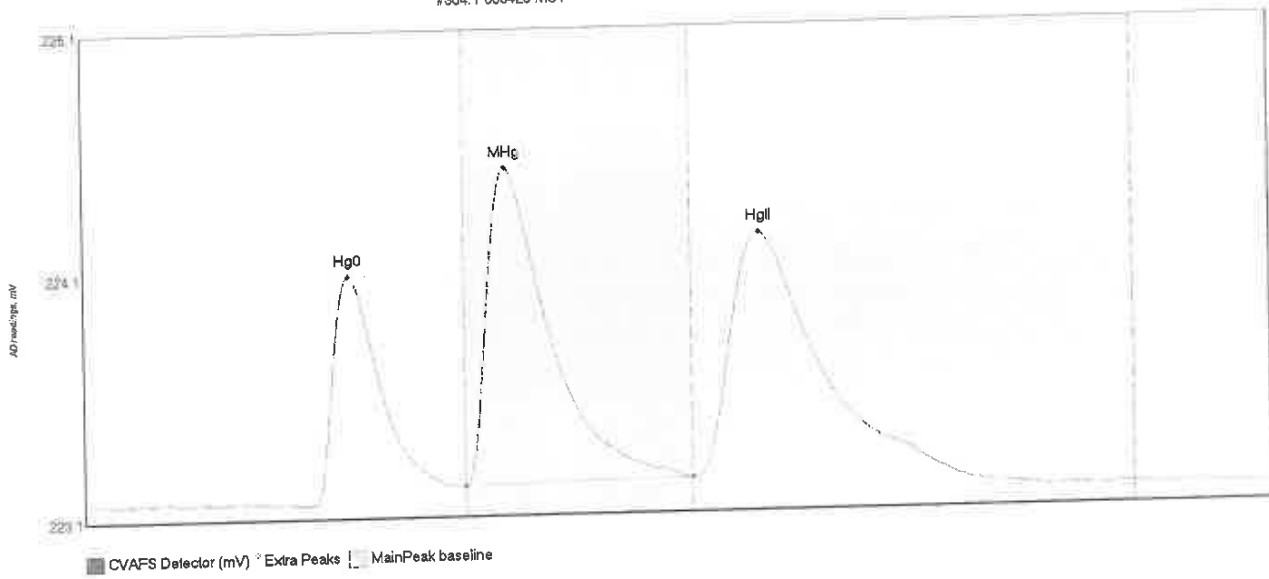
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCVQ Hg0	83.035	42.0	80.0	223.18	223.23	55.5	0.756	CT	223.1767	0.00	0.01	
SEQ-CCVQ MHg	73.178	80.0	120.9	223.23	223.24	88.4	0.518	OK	223.1767	0.00	0.01	
SEQ-CCVQ HgII	5.458	130.3	154.0	223.22	223.23	137.0	0.041	OK	223.1767	0.00	0.01	

#303: SEQ-CCBQ



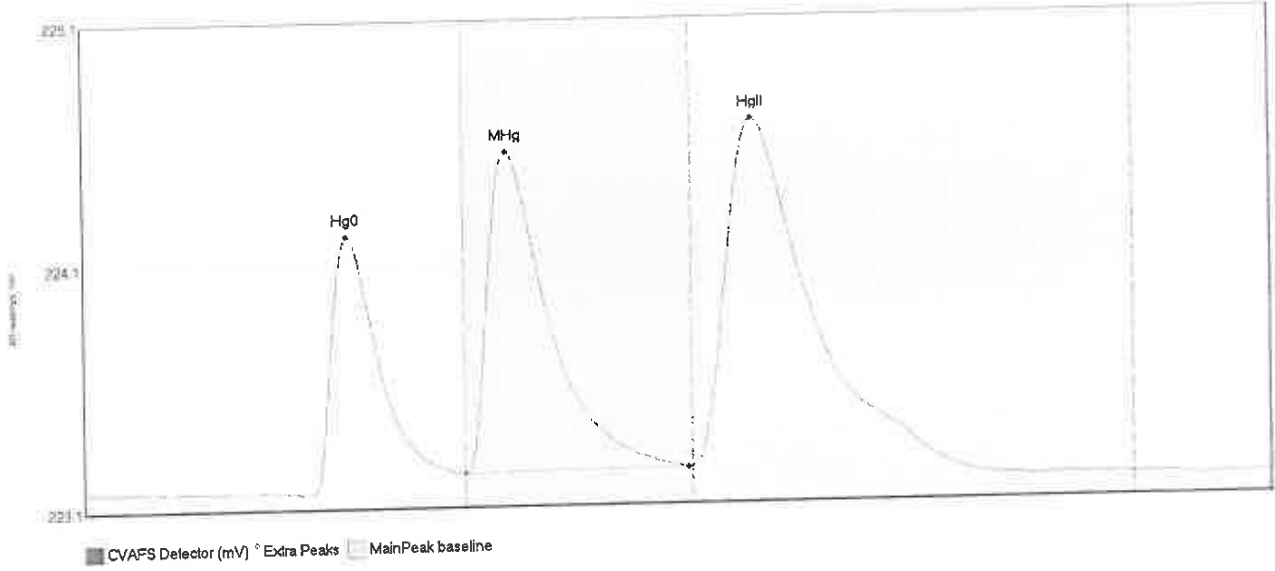
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	Shift	Comment
SEQ-CCBQ Hg0	71.096	45.1	79.1	223.18	223.24	55.4	0.661	OK	223.1770	3.38	0.00	
SEQ-CCBQ HgII	4.809	130.9	158.3	223.20	223.20	140.7	0.026	OK	223.1770	3.38	0.00	

#804: F009426-MS4



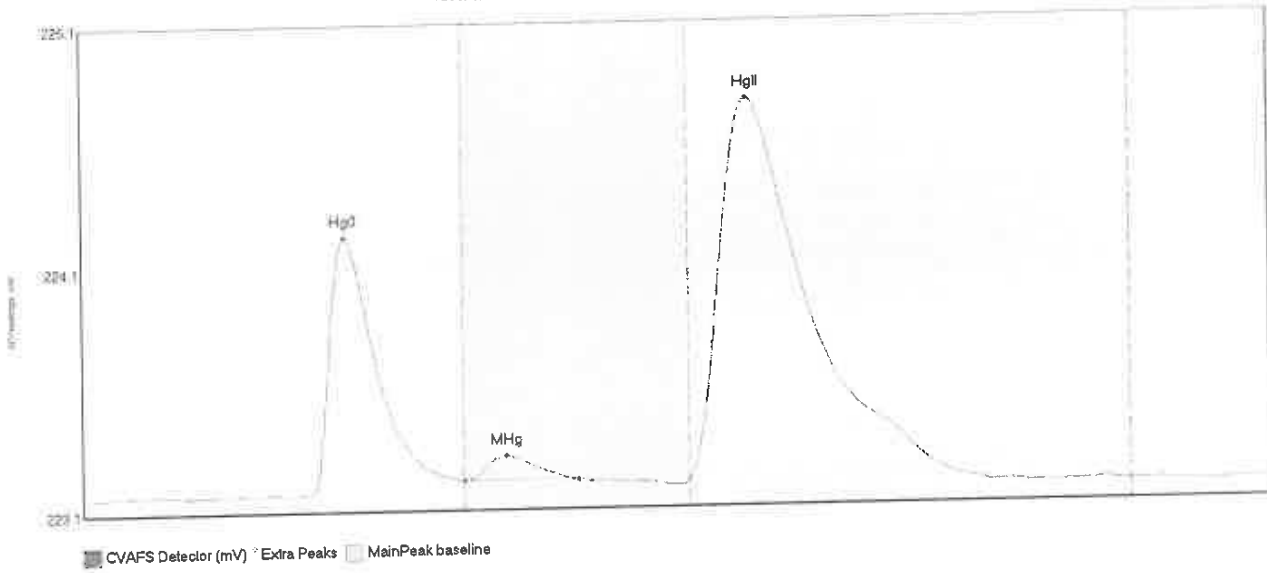
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009426-MS4 Hg0	103.699	47.3	79.0	223.17	223.24	55.5	0.936	OK	223.1817	0.00	0.00	F009426
F009426-MS4 MHg	197.305	80.0	127.5	223.24	223.25	88.7	1.302	CT	223.1817	0.00	0.00	F009426
F009426-MS4 HgI	215.513	127.8	186.9	223.25	223.23	141.6	1.003	OK	223.1817	0.00	0.00	F009426

#806: F009426-MSD4



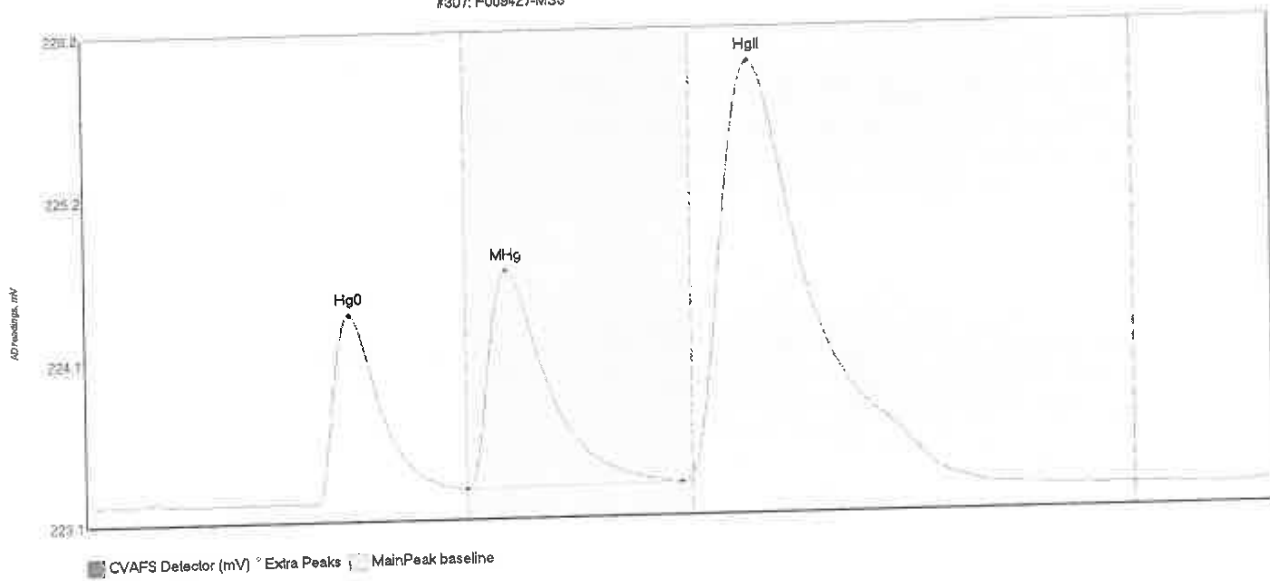
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BDev	BShift	Comment
F009426-MSD4 Hg	117.174	47.1	79.6	223.17	223.25	55.3	1.058	OK	223.1896	0.00	0.01	F009426
F009426-MSD4 MH	192.009	80.0	126.5	223.25	223.26	88.9	1.318	OK	223.1896	0.00	0.01	F009426
F009426-MSD4 Hg	293.423	127.5	187.0	223.27	223.22	140.3	1.424	OK	223.1896	0.00	0.01	F009426

#308: 0100073-86RE1



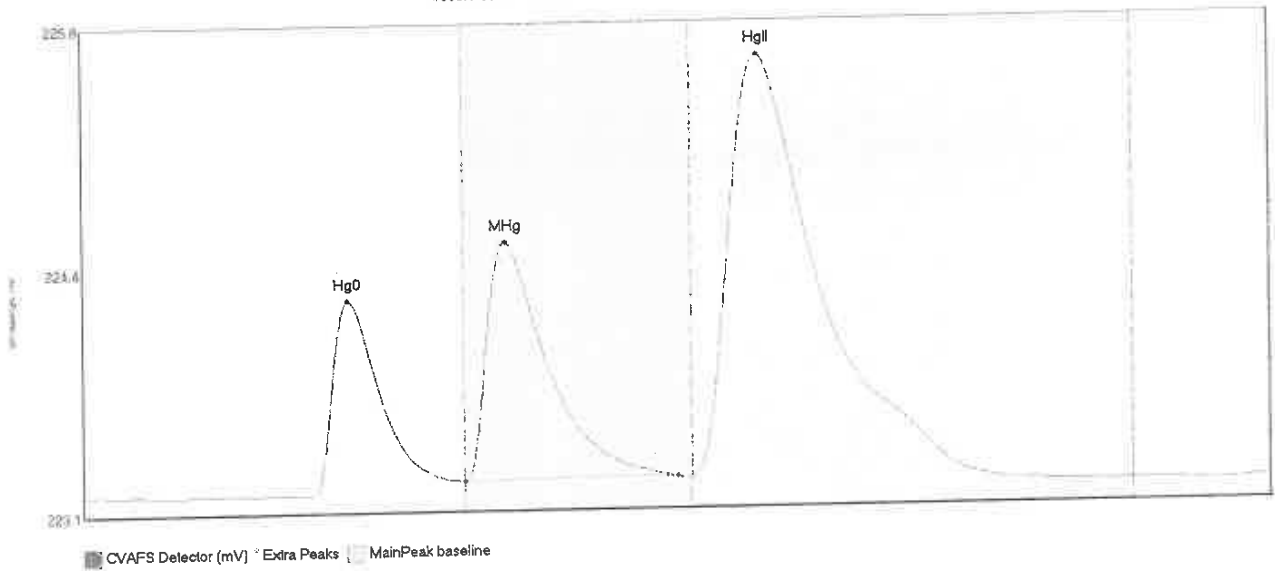
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-86RE1	H 115.550	47.7	79.7	223.19	223.24	55.3	1.054	OK	223.1881	0.00	0.02	F009427
0100073-86RE1	M 11.544	80.1	103.8	223.24	223.25	88.8	0.102	OK	223.1881	0.00	0.02	F009427
0100073-86RE1	H 328.377	127.5	186.8	223.23	223.23	139.8	1.566	OK	223.1881	0.00	0.02	F009427

#307: F009427-MS3



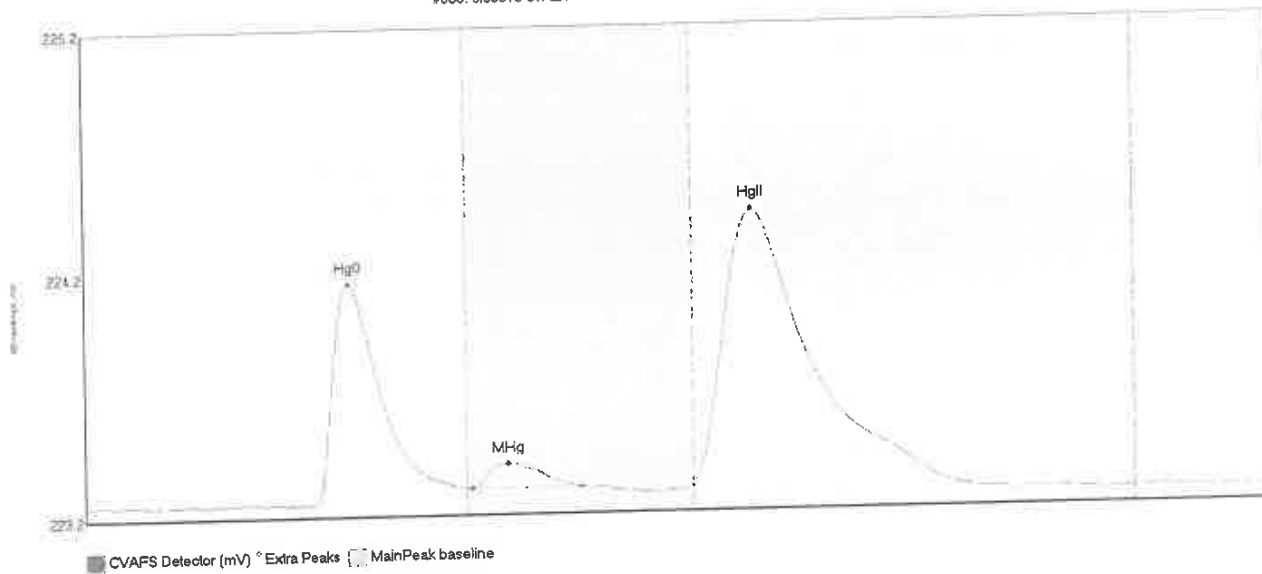
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009427-MS3 Hg0	136.224	48.2	79.7	223.19	223.27	55.5	1.235	OK	223.2044	0.00	0.02	F009427
F009427-MS3 MHg	203.714	80.0	125.1	223.27	223.28	88.6	1.418	OK	223.2044	0.00	0.02	F009427
F009427-MS3 HgI	568.328	127.5	189.9	223.34	223.25	139.6	2.670	OK	223.2044	0.00	0.02	F009427

#308: F009427-MSD3



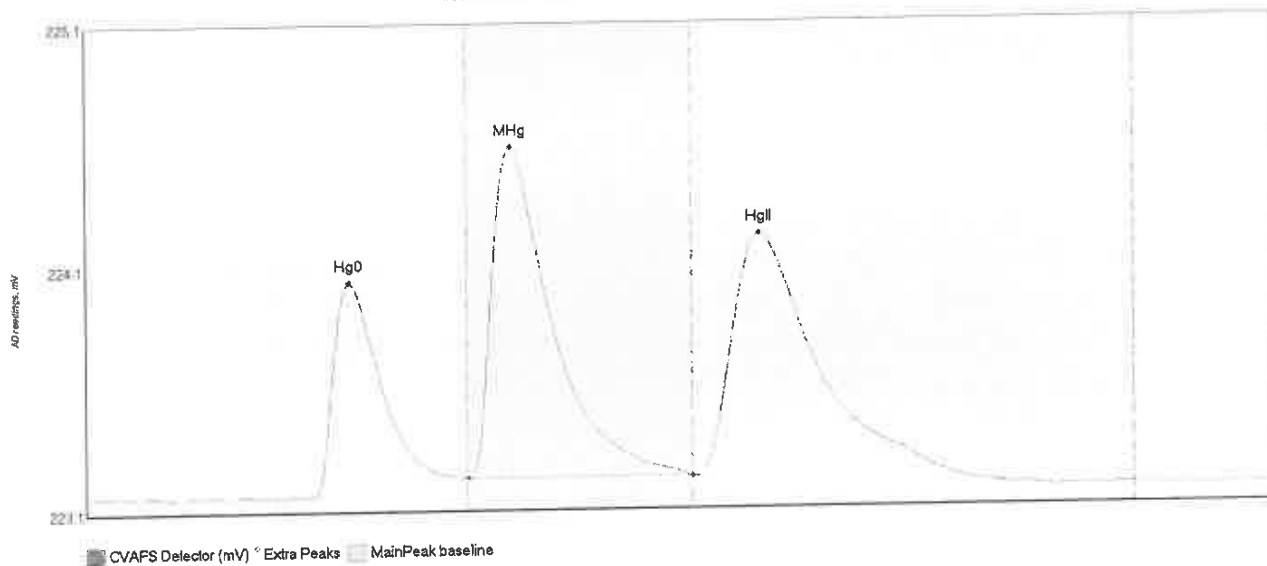
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	Result	Comment
F009427-MSD3 Hg	119.136	47.8	79.7	223.20	223.27	55.4	1.073	OK	223.2049	0.00	OK	F009427
F009427-MSD3 MH	190.101	80.0	124.4	223.27	223.28	88.8	1.310	OK	223.2049	0.00	OK	F009427
F009427-MSD3 Hg	503.842	127.5	188.5	223.27	223.26	141.5	2.315	OK	223.2049	0.00	OK	F009427

#309: 0100073-87RE1



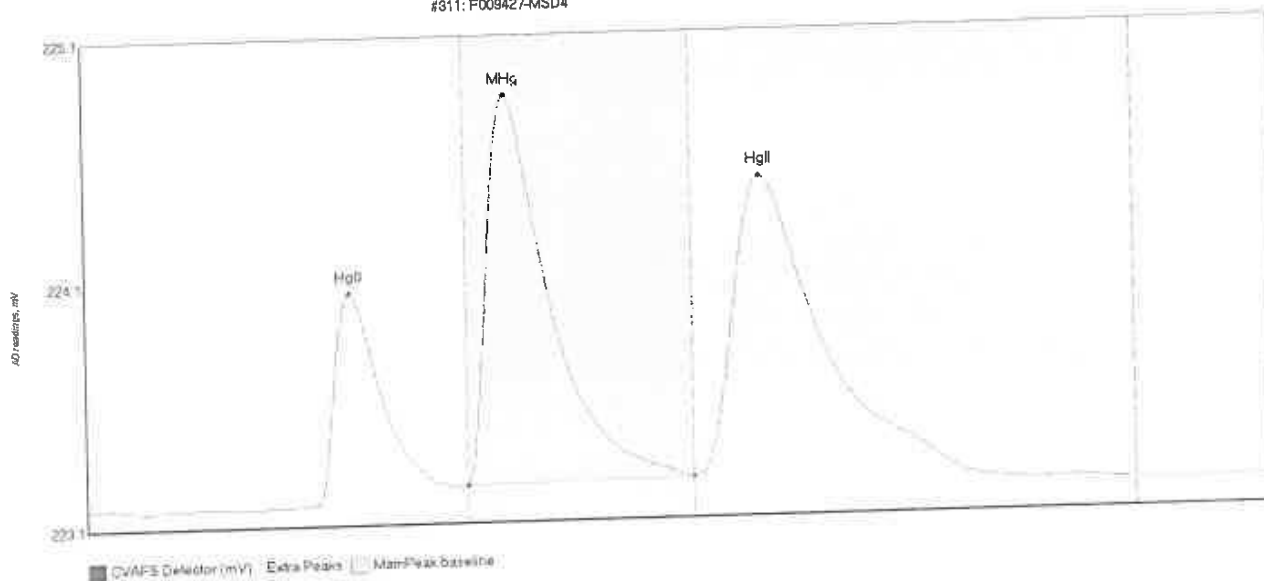
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100073-87RE1 H	99.923	48.2	80.0	223.21	223.26	55.6	0.903	CT	223.2035	0.00	0.01	F009427
0100073-87RE1 M	12.278	81.2	104.0	223.26	223.26	88.6	0.101	OK	223.2035	0.00	0.01	F009427
0100073-87RE1 H	235.711	127.5	185.0	223.26	223.24	139.9	1.125	OK	223.2035	0.00	0.01	F009427

#310: F009427-MS4



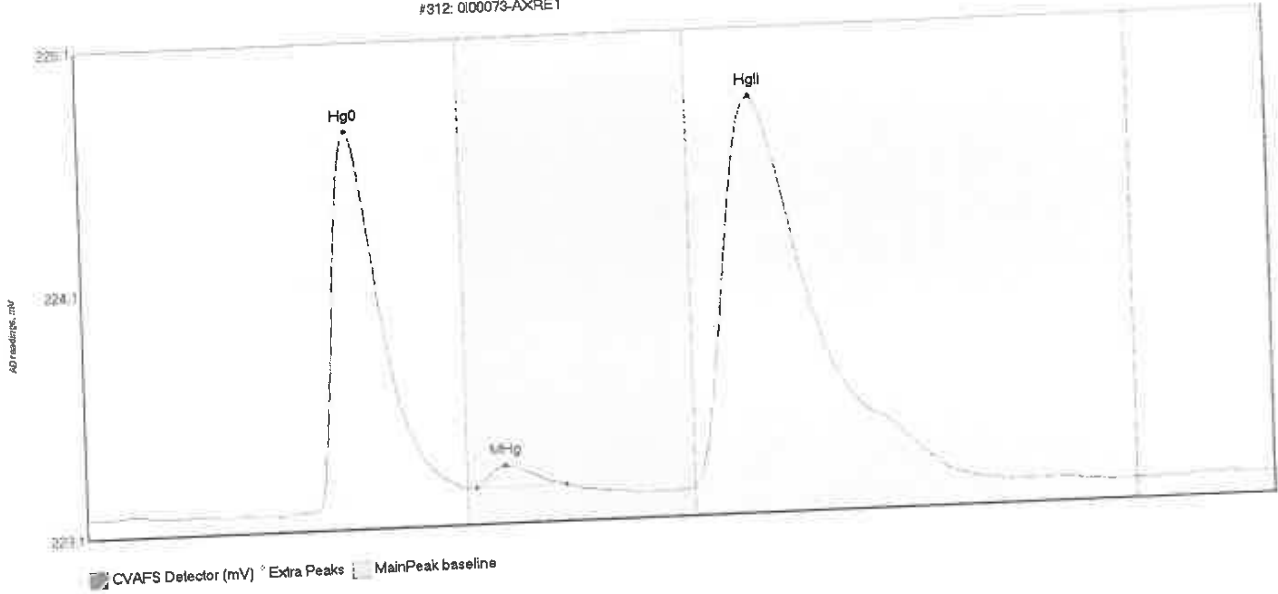
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
F009427-MS4 Hg0	97.162	48.0	80.0	223.20	223.28	55.4	0.877	CT	223.2127	0.00	0.01	F009427
F009427-MS4 MHg	197.174	80.3	127.5	223.28	223.28	89.2	1.362	CT	223.2127	0.00	0.01	F009427
F009427-MS4 HgI	202.555	128.4	186.0	223.28	223.25	141.4	0.993	OK	223.2127	0.00	0.01	F009427

#311: F009427-MSD4



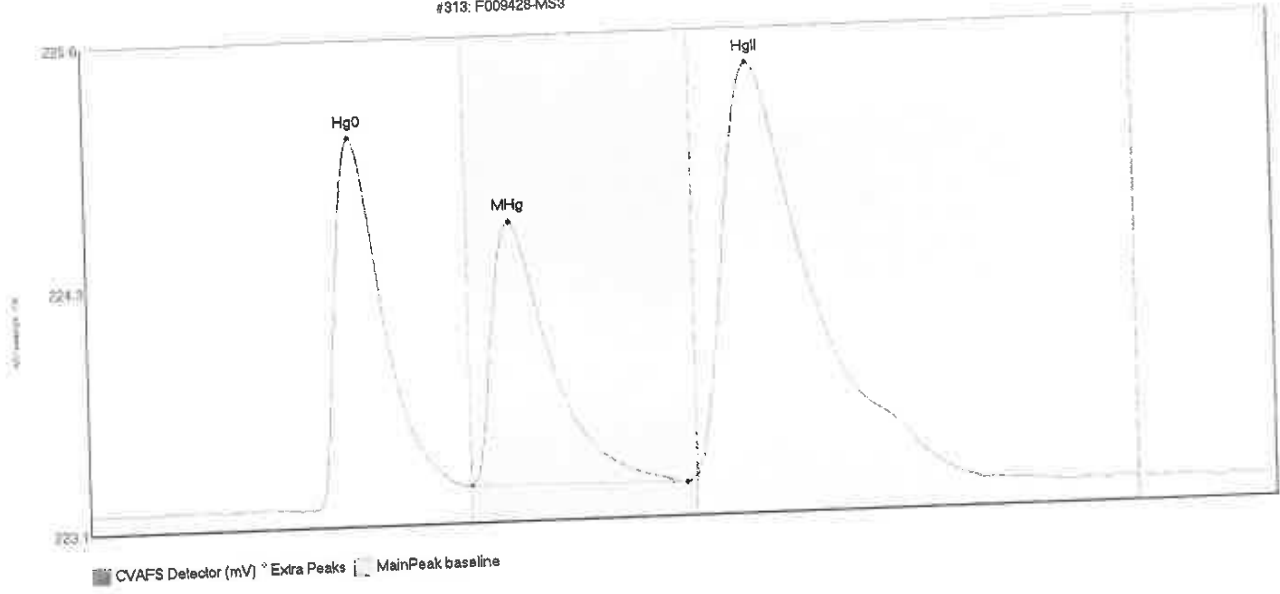
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Min	Max	Comment
F009427-MSD4 Hg	95.441	45.9	79.0	223.20	223.27	55.5	0.872	OK	223.1987	223.1987	223.1987	F009427
F009427-MSD4 MH	242.302	80.0	127.4	223.28	223.29	88.5	1.601	OK	223.1987	223.1987	223.1987	F009427
F009427-MSD4 Hg	256.730	127.5	185.0	223.29	223.28	141.7	1.235	OK	223.1987	223.1987	223.1987	F009427

#312: 0100073-AXRE1



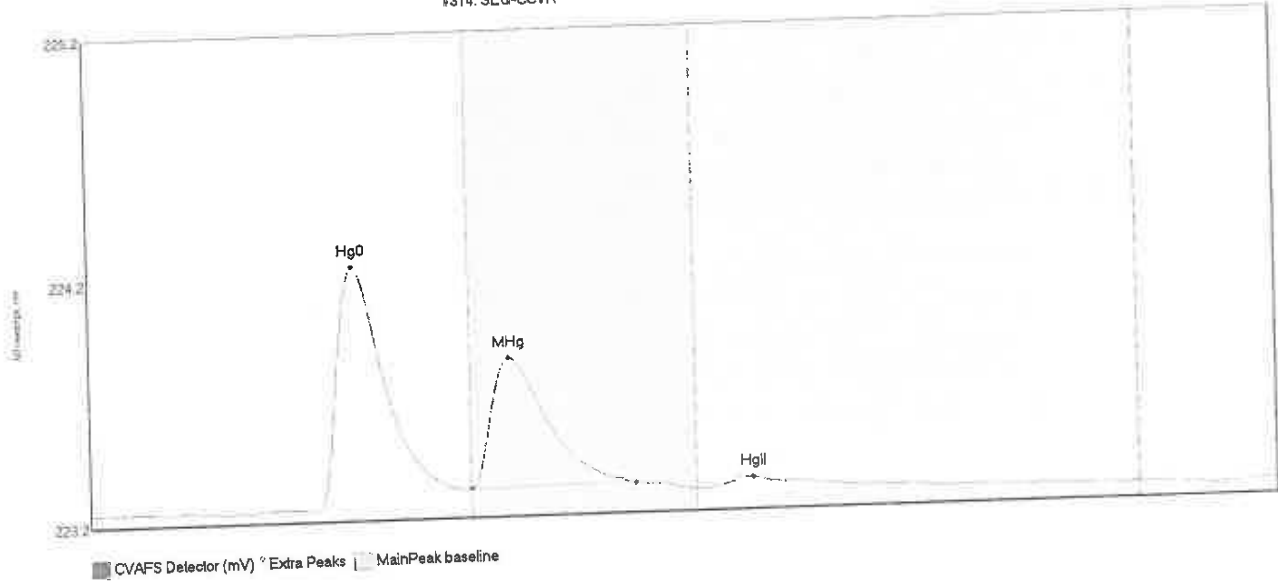
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	BIShift	Comment
0100073-AXRE1 H	176.675	48.2	79.9	223.22	223.29	56.0	1.556	OK	223.2174	0.00	0.02	F009428
0100073-AXRE1 M	8.692	81.8	100.5	223.29	223.29	87.9	0.086	OK	223.2174	0.00	0.02	F009428
0100073-AXRE1 H	334.374	127.5	186.0	223.27	223.26	140.5	1.590	OK	223.2174	0.00	0.02	F009423

#313: F009428-MS3



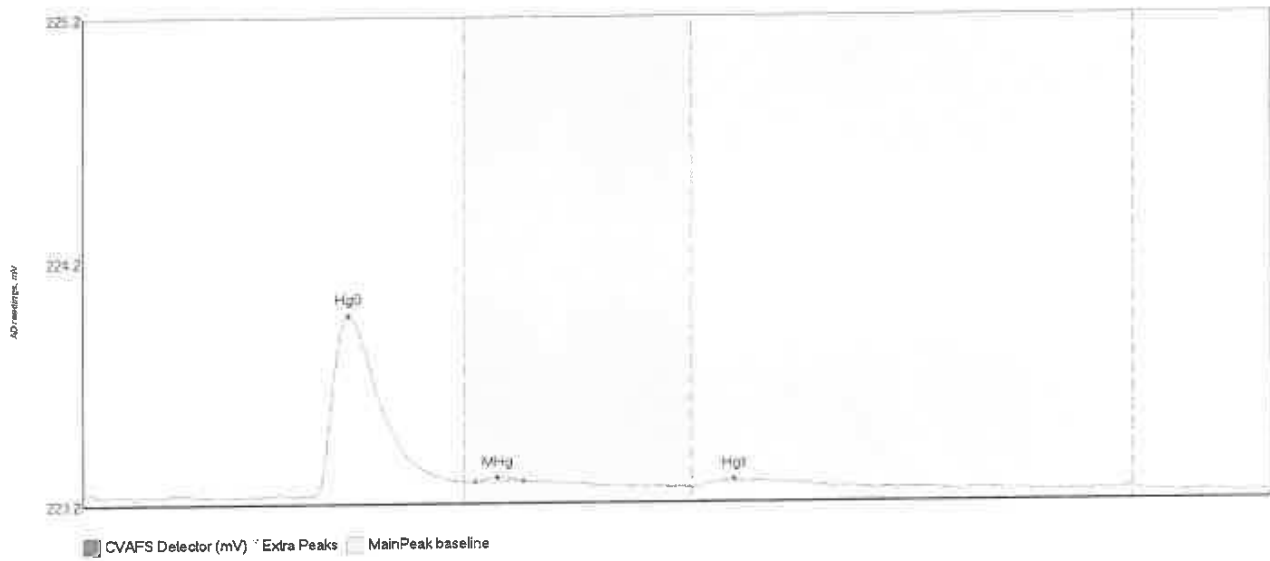
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-MS3 Hg0	209.054	47.1	80.0	223.21	223.30	55.9	1.856	CT	223.2082	0.00	0.03	F009428
F009428-MS3 MHg	187.624	80.2	125.2	223.30	223.29	88.7	1.316	OK	223.2082	0.00	0.03	F009428
F009428-MS3 HgI	432.349	127.5	187.6	223.33	223.26	139.5	2.052	OK	223.2082	0.00	0.03	F009428

#314: SEQ-CCVR



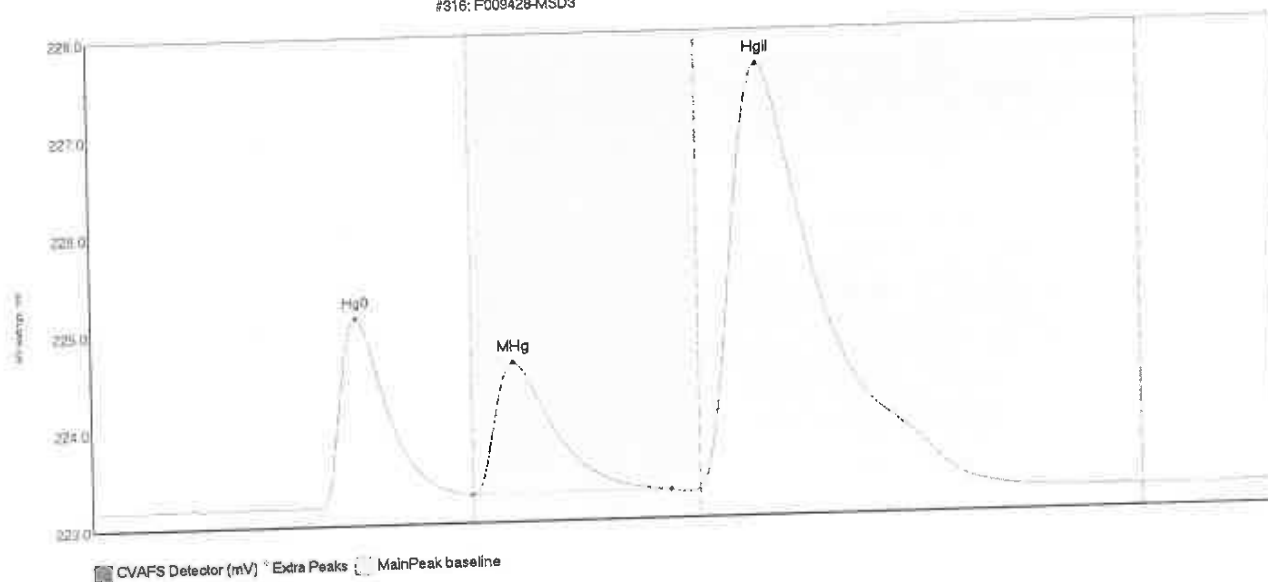
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVR Hg0	111.095	47.6	79.0	223.21	223.28	55.6	1.003	OK	223.2151	0.00	0.01	
SEQ-CCVR MHg	72.128	80.0	114.7	223.28	223.29	88.2	0.533	OK	223.2151	0.00	0.01	
SEQ-CCVR HgII	5.394	130.2	155.5	223.26	223.26	139.1	0.044	OK	223.2151	0.00	0.01	

#315: SEQ-CCBR



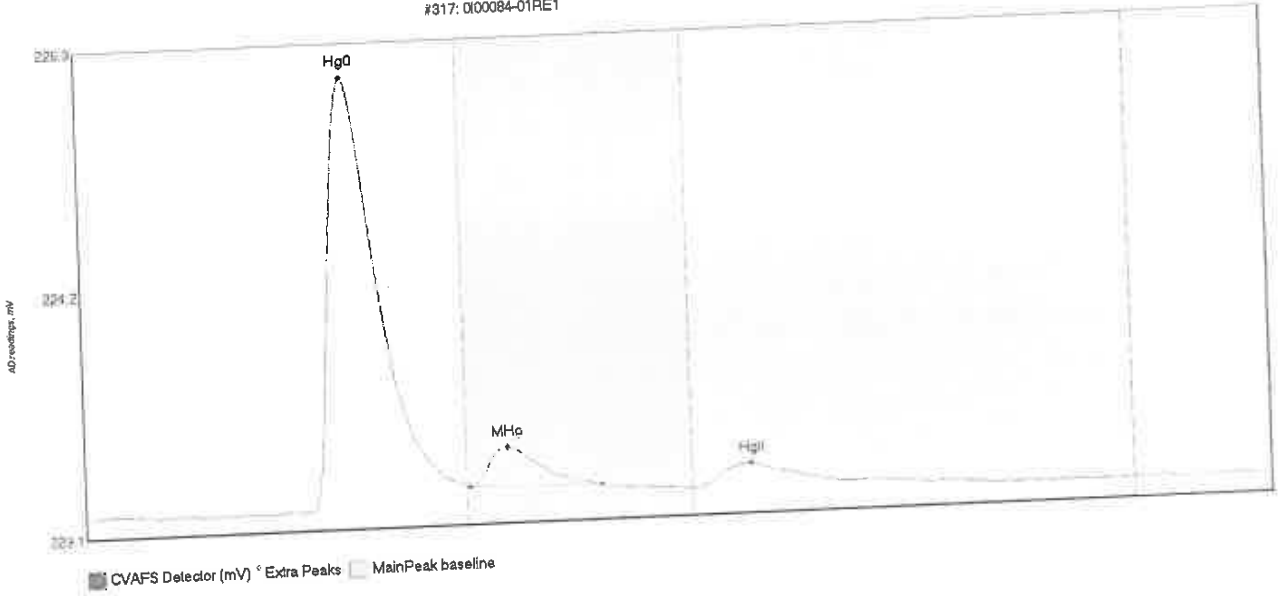
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BShift	Comment
SEQ-CCBR Hg0	82.599	47.3	80.0	223.21	223.27	55.6	0.740	CT	223.2209	0.00	-0.01
SEQ-CCBR MHg	1.097	82.3	92.4	223.26	223.27	87.0	0.018	OK	223.2209	0.00	-0.01
SEQ-CCBR HgII	3.888	127.9	154.2	223.24	223.24	136.4	0.029	OK	223.2209	0.00	-0.01

#316; F009428-MSD3



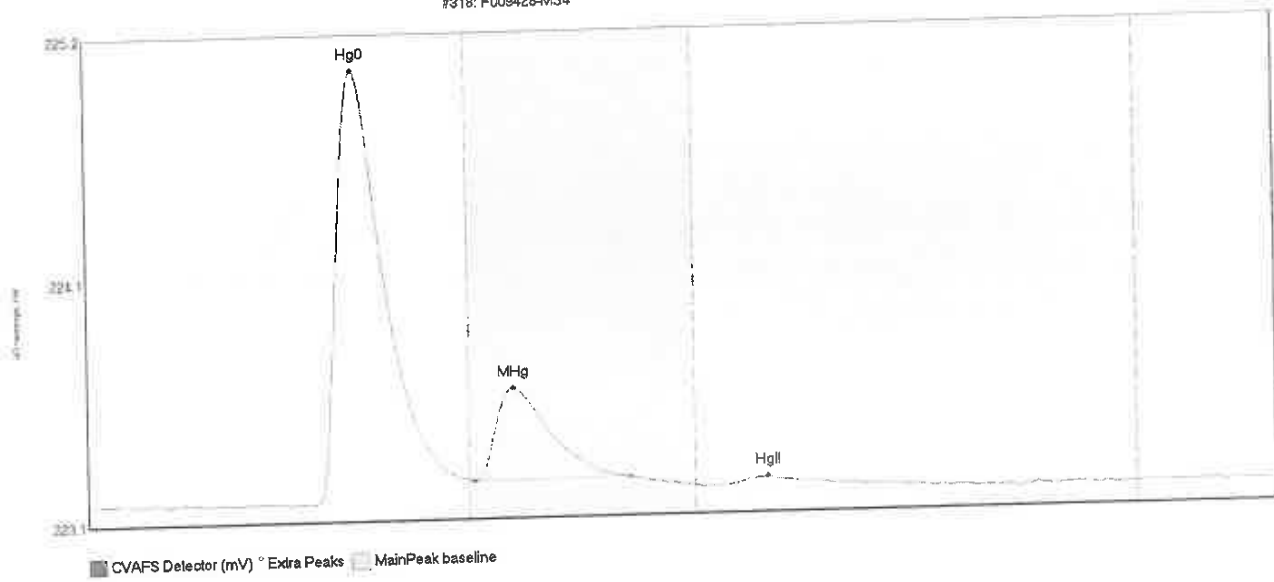
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	Offset	BShift
F009428-MSD3 Hg	214.301	35.2	79.9	223.20	223.30	55.8	1.938	OK	223.1984	0.06	0.06
F009428-MSD3 MH	189.859	80.0	121.3	223.30	223.31	88.5	1.351	OK	223.1984	0.06	0.06
F009428-MSD3 Hg	943.122	127.5	196.0	223.33	223.27	140.2	4.325	OK	223.1984	0.06	0.06

#317: 0100084-01RE1



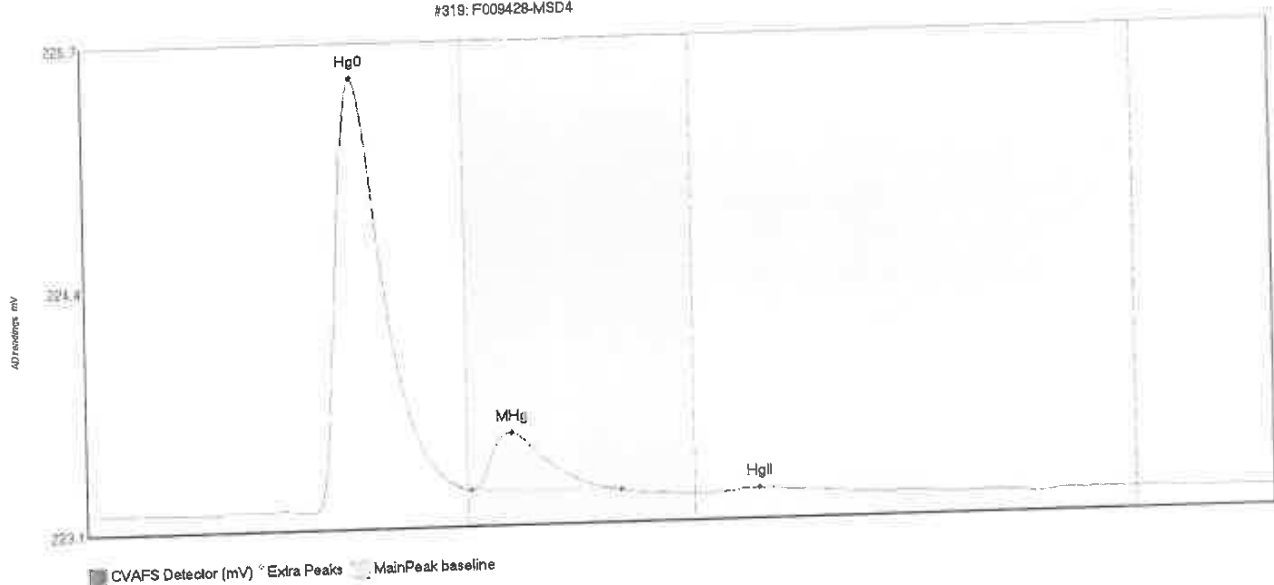
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	BiShift	Count
0100084-01RE1 H	221.729	47.7	80.0	223.21	223.29	55.9	1.964	CT	0.00	2210424
0100084-01RE1 M	21.937	80.9	108.3	223.29	223.28	88.5	0.178	OK	0.00	2210419
0100084-01RE1 H	16.472	128.6	164.8	223.24	223.25	139.9	0.102	OK	0.00	2210421

#318: F009428-MS4



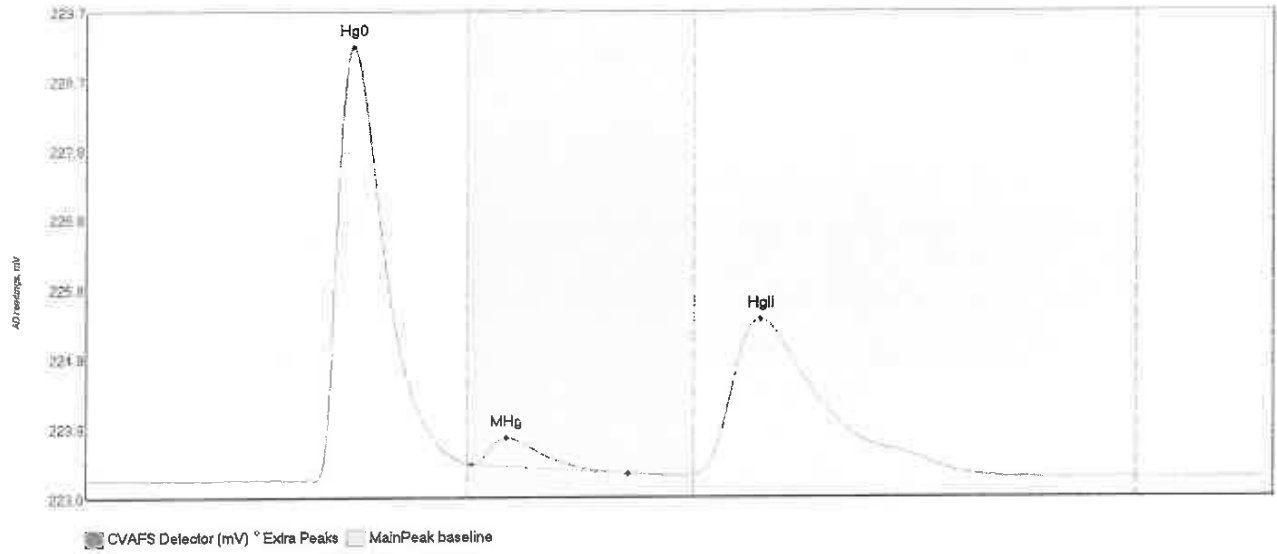
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
F009428-MS4	Hg0 204.744	47.3	80.0	223.20	223.29	56.1	1.825	CT	223.2071	0.00	0.01	F009428
F009428-MS4	MHg 51.037	81.0	113.9	223.28	223.29	89.3	0.388	OK	223.2071	0.00	0.01	F009428
F009428-MS4	HgI 2.919	135.8	156.2	223.25	223.24	142.5	0.028	OK	223.2071	0.00	0.01	F009428

#319: F009428-MSD4



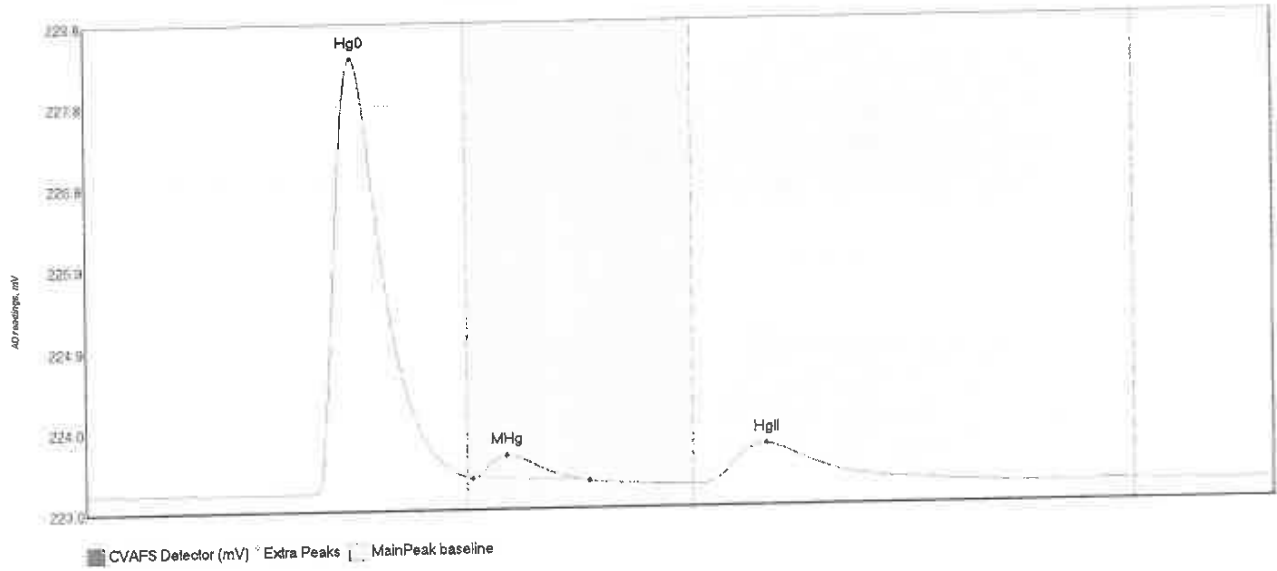
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
F009428-MSD4 Hg	256.992	46.7	80.0	223.20	223.30	56.4	2.291	CT	223.2048	0.00	0.01	F009428
F009428-MSD4 MH	39.896	80.9	111.9	223.29	223.28	89.3	0.302	OK	223.2048	0.00	0.01	F009428
F009428-MSD4 Hg	3.931	130.3	155.1	223.24	223.24	140.9	0.029	OK	223.2048	0.00	0.01	F009428

#320: 0100084-02RE1



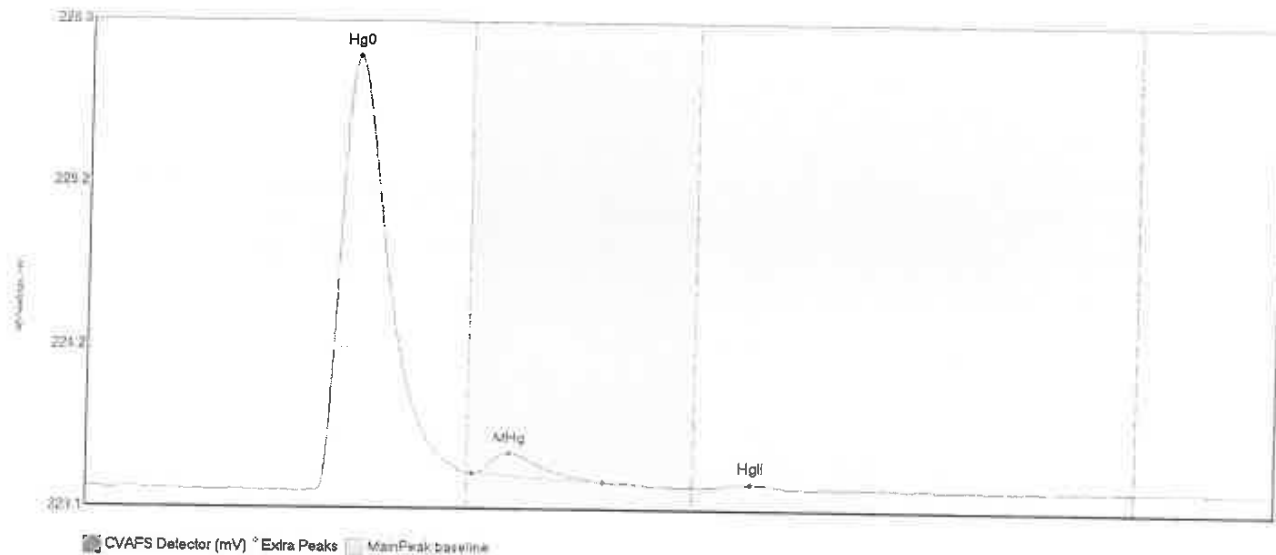
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	B1Dev	B1Shift	Comment
0100084-02RE1	H 677.580	46.8	80.0	223.20	223.42	56.3	6.018	CT	223.2105	0.00	0.03	F009428
0100084-02RE1	M 50.534	80.8	113.7	223.41	223.29	88.0	0.376	OK	223.2105	0.00	0.03	F009428
0100084-02RE1	H 470.806	127.5	188.3	223.26	223.27	141.3	2.164	OK	223.2105	0.00	0.03	F009428

#321: 0100084-03RE1



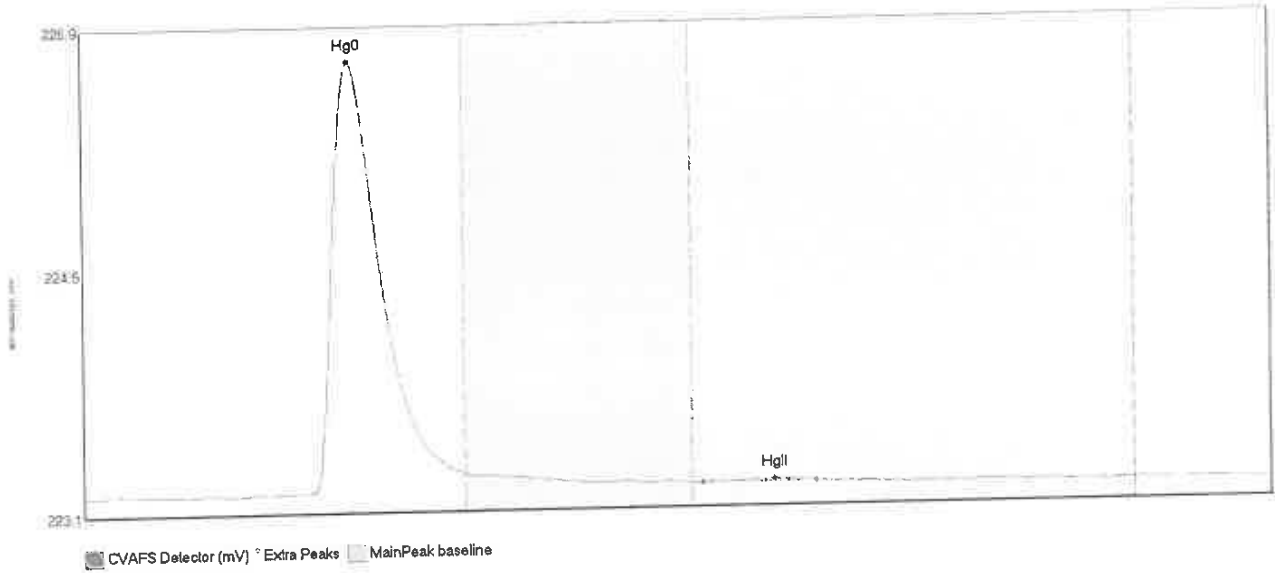
Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BlDev	BlShift	Comment
0100084-03RE1	H 587.286	47.5	80.0	223.20	223.39	56.0	5.180	CT	223.2070	0.00	0.01	F009428
0100084-03RE1	M 32.245	81.1	105.5	223.38	223.33	88.3	0.263	OK	223.2070	0.00	0.01	F009428
0100084-03RE1	H 94.088	129.4	183.3	223.26	223.26	142.8	0.468	OK	223.2070	0.00	0.01	F009428

#822: SEQ-CCVS



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	BiDev	BiShift	Comment
SEQ-CCVS Hg0	320.444	47.9	80.0	223.22	223.33	56.2	2.843	CI	223.2326	0.00	-0.01	
SEQ-CCVS MhHg	17.830	81.1	108.6	223.32	223.27	88.9	0.136	OK	223.2326	0.00	-0.01	
SEQ-CCVS HgII	2.424	131.6	147.1	223.25	223.25	139.5	0.027	OK	223.2326	0.00	-0.01	

#323: SEQ-CCBS



Name	Area	Start Time	EndTime	StartValue	EndValue	Peak Max	PeakHeight	Flags	Baseline	StDev	Shift	Comment
SEQ-CCBS Hg0	281.572	45.5	80.0	223.22	223.32	55.9	2.520	CT	223.2141	0.00	0.00	
SEQ-CCBS HgII	2.475	129.6	153.5	223.24	223.25	144.1	0.021	OK	223.2141	0.00	0.00	

ANALYTICAL REPORT

Job Number: 180-111287-1

Job Description: Wood Penobscot River Proposal

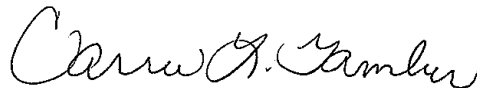
For:

Wood E&I Solutions Inc

271 Mill Road

Chelmsford, MA 01824

Attention: Ms. Denise King



Approved for release.
Carrie L. Gamber
Senior Project Manager
10/21/2020 7:21 AM

Carrie L Gamber, Senior Project Manager

301 Alpha Drive, Pittsburgh, PA, 15238

(412)963-2428

Carrie.Gamber@Eurofinset.com

10/21/2020

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins TestAmerica and its client. All questions regarding this report should be directed to the Eurofins TestAmerica Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Pittsburgh

301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238

Tel (412) 963-7058 Fax (412) 963-2468 www.testamericainc.com

Table of Contents

Cover Title Page	1
Data Summaries	4
Definitions	4
Case Narrative	5
Detection Summary	7
Client Sample Results	19
Default Detection Limits	293
QC Sample Results	294
QC Association	302
Chronicle	310
Certification Summary	356
Method Summary	357
Sample Summary	358
Reagent Traceability	361
COAs	362
Inorganic Sample Data	369
General Chemistry Data	369
Gen Chem Cover Page	370
Gen Chem Sample Data	374
Gen Chem QC Data	511
Gen Chem ICV/CCV	511
Gen Chem Blanks	518
Gen Chem MS/MSD/PDS	519
Gen Chem LCS/LCSD	521
Gen Chem MDL	522
Gen Chem Analysis Run Log	526

Table of Contents

Gen Chem Prep Data	555
Gen Chem Raw Data	579
Shipping and Receiving Documents	2234
Client Chain of Custody	2235
Sample Receipt Checklist	2250

Definitions/Glossary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Wood E&I Solutions Inc

Project: Wood Penobscot River Proposal

Report Number: 180-111287-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 09/23/2020; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were -25.0° C, -24.0° C and -23.0° C.

NOTE: The samples in this report were held frozen until shipped. Per the client the original date sampled was used for sample log in. If the analysis date was past the holding time the result was flagged with an H flag indicating the sample was analyzed past the holding time.

TOTAL ORGANIC CARBON

The following samples were prepared outside of the holding time due to the above. The samples for this job were held frozen in the field, shipped frozen and stored in our freezer until the analysis date: OR-T1-C3_091620_SED_01-03 (180-111287-20), OR-T1-C3_091620_SED_03-05 (180-111287-21), SVE-01_091820_SED_03-05 (180-111287-96), E-01-04_091920_SED_00-01 (180-111287-99) and E-01-04_091920_SED_03-05 (180-111287-101).

Total Organic Carbon - Duplicates was detected in method blanks MB 180-331573/58, MB 180-332087/4 and MB 180-332397/58 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Total Organic Carbon - Duplicates failed the recovery criteria low for the MSD of sample MM-T2-C3_092120_SED_01-03MSD (180-111287-124) in batch 180-332286.

Total Organic Carbon - Duplicates failed the recovery criteria high for the MS of sample OB-01_091720_SED_03-05MS (180-111287-39) in batch 180-331942. Total Organic Carbon - Duplicates failed the recovery criteria high for the MSD of sample OB-01_091720_SED_03-05MSD (180-111287-39) in batch 180-331942.

These samples do not have an MS and MSD associated with them because the parent sample failed the %RPD and required reanalysis. The LCS serves as the QC for these samples: ES-FP_091920_SED_00-01 (180-111287-102), ES-FP_091920_SED_01-03 (180-111287-103), ES-FP_091920_SED_030-036 (180-111287-104), L9-45_092020_SED_00-01 (180-111287-105), L9-45_092020_SED_01-03 (180-111287-106), L9-45_092020_SED_03-05 (180-111287-107), OL-01_091920_SED_00-03 (180-111287-108), CJ-04_092020_SED_03-05 (180-111287-110), W-61-HIGH_092020_SED_00-01 (180-111287-112), W-61-HIGH_092020_SED_01-03 (180-111287-113), W-61-HIGH_092020_SED_03-05 (180-111287-114), W-61-LOW_092020_SED_00-01 (180-111287-115) and W-61-LOW_092020_SED_01-03 (180-111287-116).

These samples do not have an MS and MSD associated with them because the parent sample failed the %RPD and required reanalysis. The LCS serves as the QC for these samples: E-01-04_091920_SED_03-05 (180-111287-101), ES-FP_091920_SED_00-01 (180-111287-102), ES-FP_091920_SED_01-03 (180-111287-103), ES-FP_091920_SED_030-036 (180-111287-104), L9-45_092020_SED_00-01 (180-111287-105), L9-45_092020_SED_01-03 (180-111287-106), L9-45_092020_SED_03-05 (180-111287-107), OL-01_091920_SED_00-03 (180-111287-108), CJ-04_092020_SED_03-05 (180-111287-110), W-61-HIGH_092020_SED_00-01 (180-111287-112), W-61-HIGH_092020_SED_01-03 (180-111287-113), W-61-HIGH_092020_SED_03-05 (180-111287-114), W-61-LOW_092020_SED_00-01 (180-111287-115) and W-61-LOW_092020_SED_01-03 (180-111287-116)

The reporting limit for Lloyd Kahn TOC analysis is a nominal value and does not reflect adjustments in sample mass processed on an individual basis.

PERCENT SOLIDS

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ES-02_091620_SED_00-01

Lab Sample ID: 180-111287-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	59000	B	2700	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ES-02_091620_SED_01-03

Lab Sample ID: 180-111287-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	48000	B	2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ES-02_091620_SED_03-05

Lab Sample ID: 180-111287-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	41000	B	2200	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FRB-02_091520_SED_00-01

Lab Sample ID: 180-111287-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	19000	B	1500	1100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FRB-02_091520_SED_01-03

Lab Sample ID: 180-111287-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	17000	B	1700	1200	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FRB-02_091520_SED_03-05

Lab Sample ID: 180-111287-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	14000	B	1500	1100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-02-04_091620_SED_00-01

Lab Sample ID: 180-111287-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	57000	B	3300	2400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-02-04_091620_SED_01-03

Lab Sample ID: 180-111287-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	54000	B	2700	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-02-04_091620_SED_03-05

Lab Sample ID: 180-111287-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	53000	B	2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Lab Sample ID: 180-111287-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	73000	B	2900	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Lab Sample ID: 180-111287-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	52000	B	2100	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Lab Sample ID: 180-111287-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	65000	B	2200	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ADD-01_091620_SED_00-01

Lab Sample ID: 180-111287-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	65000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ADD-01_091620_SED_01-03

Lab Sample ID: 180-111287-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	61000		2500	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ADD-01_091620_SED_03-05

Lab Sample ID: 180-111287-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	43000		2100	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ADD-02_091620_SED_00-01

Lab Sample ID: 180-111287-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	17000		1800	1400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ADD-02_091620_SED_01-03

Lab Sample ID: 180-111287-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	18000		1900	1400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ADD-02_091620_SED_03-05

Lab Sample ID: 180-111287-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	25000		2100	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C3_091620_SED_00-01

Lab Sample ID: 180-111287-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	52000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C3_091620_SED_01-03

Lab Sample ID: 180-111287-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	64000	H	2500	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C3_091620_SED_03-05

Lab Sample ID: 180-111287-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	69000	B H	2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C5_091620_SED_00-01

Lab Sample ID: 180-111287-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	49000		2200	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C5_091620_SED_01-03

Lab Sample ID: 180-111287-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	58000		2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C5_091620_SED_03-05

Lab Sample ID: 180-111287-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	62000		2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: BU-01-01_091720_SED_00-01

Lab Sample ID: 180-111287-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	61000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	73000		2600	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: BU-01-01_091720_SED_01-03

Lab Sample ID: 180-111287-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	68000		2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	56000		2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: BU-01-01_091720_SED_03-05

Lab Sample ID: 180-111287-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	68000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	79000		2600	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MMSW-C_091720_SED_00-01

Lab Sample ID: 180-111287-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	110000		3500	2600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MMSW-C_091720_SED_01-03

Lab Sample ID: 180-111287-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	100000		3500	2600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MMSW-C_091720_SED_03-05

Lab Sample ID: 180-111287-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	140000		3800	2900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-04_091620_SED_00-01

Lab Sample ID: 180-111287-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	9700		1400	1100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-04_091620_SED_01-03

Lab Sample ID: 180-111287-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	6500		1300	940	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-04_091620_SED_03-05

Lab Sample ID: 180-111287-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	5300		1200	910	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OB-01_091720_SED_00-01

Lab Sample ID: 180-111287-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	68000		3500	2600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OB-01_091720_SED_01-03

Lab Sample ID: 180-111287-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	62000		2900	2200	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OB-01_091720_SED_03-05

Lab Sample ID: 180-111287-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	55000	F1	2900	2200	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C1_091720_SED_00-01

Lab Sample ID: 180-111287-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	51000		2900	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	56000		2900	2200	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C1_091720_SED_01-03

Lab Sample ID: 180-111287-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	59000		2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	56000		2500	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OR-T1-C1_091720_SED_03-05

Lab Sample ID: 180-111287-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	54000		2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_00-01

Lab Sample ID: 180-111287-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	62000		3100	2300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-N_091720_SED_00-01

Lab Sample ID: 180-111287-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	180000		4100	3000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-N_091720_SED_01-03

Lab Sample ID: 180-111287-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	210000		4700	3500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-N_091720_SED_03-05

Lab Sample ID: 180-111287-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	190000		4700	3500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	51000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-01_091820_SED_00-01

Lab Sample ID: 180-111287-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	2000		1100	790	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-01_091820_SED_01-03

Lab Sample ID: 180-111287-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	2300		1100	810	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OV-01_091820_SED_03-05

Lab Sample ID: 180-111287-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	2600	B	1100	810	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	48000		2900	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_01-03

Lab Sample ID: 180-111287-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	45000		2200	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	46000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_03-05

Lab Sample ID: 180-111287-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	56000		2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	50000		2200	1600	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-22-MID_091820_SED_00-01

Lab Sample ID: 180-111287-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	87000	B	2500	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-22-MID_091820_SED_01-03

Lab Sample ID: 180-111287-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	87000	B	2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-22-MID_091820_SED_03-05

Lab Sample ID: 180-111287-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	92000	B	2500	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T2-C1_091820_SED_00-01

Lab Sample ID: 180-111287-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	250000	B	5800	4300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T2-C1_091820_SED_01-03

Lab Sample ID: 180-111287-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	210000	B	5600	4100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T2-C1_091820_SED_03-05

Lab Sample ID: 180-111287-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	290000	B	5500	4100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C1_091820_SED_00-01

Lab Sample ID: 180-111287-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	130000	B	3700	2700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C1_091820_SED_01-03

Lab Sample ID: 180-111287-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	140000	B	4000	3000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C1_091820_SED_03-05

Lab Sample ID: 180-111287-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	150000	B	4300	3200	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OB-05_091820_SED_00-01

Lab Sample ID: 180-111287-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	54000	B	2600	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OB-05_091820_SED_01-03

Lab Sample ID: 180-111287-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	80000		2800	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OB-05_091820_SED_03-05

Lab Sample ID: 180-111287-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	60000	B	2600	2000	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	38000	B	2000	1500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	46000	B	2000	1500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	43000	B	1900	1400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FF-08-02_091820_SED_00-01

Lab Sample ID: 180-111287-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	49000	B	2600	2000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Lab Sample ID: 180-111287-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	60000	B	2800	2100	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FF-08-02_091820_SED_01-03

Lab Sample ID: 180-111287-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	51000		2400	1800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Lab Sample ID: 180-111287-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	51000		2200	1700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FF-08-02_091820_SED_03-05

Lab Sample ID: 180-111287-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	48000		2100	1600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Lab Sample ID: 180-111287-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	52000		2200	1600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-LOW_091820_SED_00-01

Lab Sample ID: 180-111287-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	79000		2800	2100	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-LOW_091820_SED_01-03

Lab Sample ID: 180-111287-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	75000		2400	1800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-LOW_091820_SED_03-05

Lab Sample ID: 180-111287-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	89000		2900	2200	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	59000		2500	1900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	67000		2400	1800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-84

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	71000		2200	1700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: E-01-01_091920_SED_00-01

Lab Sample ID: 180-111287-85

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	58000		4500	3400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Lab Sample ID: 180-111287-86

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	61000		4600	3500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-01_091920_SED_01-03

Lab Sample ID: 180-111287-87

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	50000		3100	2300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Lab Sample ID: 180-111287-88

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	52000		3300	2500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-01_091920_SED_03-05

Lab Sample ID: 180-111287-89

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	49000		2800	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Lab Sample ID: 180-111287-90

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	45000		2900	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-03_091920_SED_00-01

Lab Sample ID: 180-111287-91

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	37000		3100	2300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-03_091920_SED_01-03

Lab Sample ID: 180-111287-92

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	31000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-03_091920_SED_03-05

Lab Sample ID: 180-111287-93

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	38000		2400	1800	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: SVE-01_091820_SED_00-01

Lab Sample ID: 180-111287-94

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	37000		1900	1400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: SVE-01_091820_SED_01-03

Lab Sample ID: 180-111287-95

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	45000		2300	1700	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: SVE-01_091820_SED_03-05

Lab Sample ID: 180-111287-96

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	32000	B H	2000	1500	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: CJ-04_092020_SED_00-01

Lab Sample ID: 180-111287-97

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	36000		3100	2300	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: CJ-04_092020_SED_01-03

Lab Sample ID: 180-111287-98

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	35000		2700	2000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-04_091920_SED_00-01

Lab Sample ID: 180-111287-99

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	23000	B H	1900	1400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-04_091920_SED_01-03

Lab Sample ID: 180-111287-100

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	24000		1900	1500	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: E-01-04_091920_SED_03-05

Lab Sample ID: 180-111287-101

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	19000	B H	1600	1200	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ES-FP_091920_SED_00-01

Lab Sample ID: 180-111287-102

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	33000		2100	1600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ES-FP_091920_SED_01-03

Lab Sample ID: 180-111287-103

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	52000		2200	1700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: ES-FP_091920_SED_030-036

Lab Sample ID: 180-111287-104

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	27000		2300	1700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: L9-45_092020_SED_00-01

Lab Sample ID: 180-111287-105

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	30000		2700	2000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: L9-45_092020_SED_01-03

Lab Sample ID: 180-111287-106

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	32000		2500	1900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: L9-45_092020_SED_03-05

Lab Sample ID: 180-111287-107

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	36000		2500	1900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: OL-01_091920_SED_00-03

Lab Sample ID: 180-111287-108

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	14000		1400	1000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: BO-04_092120_SED_00-02

Lab Sample ID: 180-111287-109

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	91000		4000	3000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: CJ-04_092020_SED_03-05

Lab Sample ID: 180-111287-110

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	37000		2300	1700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T2-C3_092120_SED_00-01

Lab Sample ID: 180-111287-111

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	64000		2200	1600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-HIGH_092020_SED_00-01

Lab Sample ID: 180-111287-112

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	260000		6600	4900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-HIGH_092020_SED_01-03

Lab Sample ID: 180-111287-113

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	160000		3800	2800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-HIGH_092020_SED_03-05

Lab Sample ID: 180-111287-114

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	38000		1500	1100	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-LOW_092020_SED_00-01

Lab Sample ID: 180-111287-115

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	93000		3200	2400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-LOW_092020_SED_01-03

Lab Sample ID: 180-111287-116

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	110000		2700	2000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-LOW_092020_SED_03-05

Lab Sample ID: 180-111287-117

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	120000		3200	2400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-MID_092020_SED_00-01

Lab Sample ID: 180-111287-118

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	110000		3100	2300	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-MID_092020_SED_01-03

Lab Sample ID: 180-111287-119

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	150000		2800	2100	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-61-MID_092020_SED_03-05

Lab Sample ID: 180-111287-120

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	53000		1900	1400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FRB-01_092120_SED_00-01

Lab Sample ID: 180-111287-121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	34000		4700	3500	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FRB-01_092120_SED_01-03

Lab Sample ID: 180-111287-122

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	19000		2600	1900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: FRB-01_092120_SED_03-05

Lab Sample ID: 180-111287-123

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	17000		2100	1500	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T2-C3_092120_SED_01-03

Lab Sample ID: 180-111287-124

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	80000	F1	2500	1800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T2-C3_092120_SED_03-05

Lab Sample ID: 180-111287-125

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	82000		2400	1800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C3_092120_SED_00-01

Lab Sample ID: 180-111287-126

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	130000		3400	2600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C3_092120_SED_01-03

Lab Sample ID: 180-111287-127

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	130000		3800	2800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T5-C3_092120_SED_03-05

Lab Sample ID: 180-111287-128

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	120000		3400	2600	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-HIGH_092120_SED_00-01

Lab Sample ID: 180-111287-129

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	170000		4100	3100	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-HIGH_092120_SED_01-03

Lab Sample ID: 180-111287-130

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	210000		4600	3400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-HIGH_092120_SED_03-05

Lab Sample ID: 180-111287-131

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	180000		3900	2900	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-MID_092120_SED_00-01

Lab Sample ID: 180-111287-132

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	140000		3600	2700	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Detection Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T1-C2_092120_SED_00-01

Lab Sample ID: 180-111287-133

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	89000		3700	2800	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T1-C2_092120_SED_01-03

Lab Sample ID: 180-111287-134

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	74000		3100	2300	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: MM-T1-C2_092120_SED_03-05

Lab Sample ID: 180-111287-135

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	89000		3000	2300	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-MID_092120_SED_01-03

Lab Sample ID: 180-111287-136

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	160000		4600	3400	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

Client Sample ID: W-17-MID_092120_SED_03-05

Lab Sample ID: 180-111287-137

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon - Duplicates	160000		4100	3000	mg/Kg	1	☒	EPA-Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pittsburgh

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_00-01

Date Collected: 09/16/20 10:18

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	63.5		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	36.5		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_00-01

Date Collected: 09/16/20 10:18

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-1

Matrix: Solid

Percent Solids: 36.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	59000	B	2700	2000	mg/Kg	☼		09/28/20 23:04	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_01-03

Date Collected: 09/16/20 10:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.2		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	42.8		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_01-03

Date Collected: 09/16/20 10:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-2

Matrix: Solid

Percent Solids: 42.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	48000	B	2300	1700	mg/Kg	☼		09/28/20 23:32	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_03-05

Date Collected: 09/16/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	53.9		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	46.1		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-02_091620_SED_03-05

Date Collected: 09/16/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-3

Matrix: Solid

Percent Solids: 46.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	41000	B	2200	1600	mg/Kg	☼		09/28/20 23:49	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_00-01

Date Collected: 09/15/20 16:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-4

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	34.7		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	65.3		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_00-01

Date Collected: 09/15/20 16:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-4

Matrix: Solid

Percent Solids: 65.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	19000	B	1500	1100	mg/Kg	☼		09/29/20 00:06	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_01-03

Date Collected: 09/15/20 16:05

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-5

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	39.9		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	60.1		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_01-03

Date Collected: 09/15/20 16:05

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-5

Matrix: Solid

Percent Solids: 60.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	17000	B	1700	1200	mg/Kg	☼		09/29/20 00:22	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_03-05

Date Collected: 09/15/20 16:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	32.3		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	67.7		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-02_091520_SED_03-05

Date Collected: 09/15/20 16:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-6

Matrix: Solid

Percent Solids: 67.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	14000	B	1500	1100	mg/Kg	☼		09/29/20 00:39	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_00-01

Date Collected: 09/16/20 09:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	69.3		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	30.7		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_00-01

Date Collected: 09/16/20 09:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-7

Matrix: Solid

Percent Solids: 30.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	57000	B	3300	2400	mg/Kg	☼		09/29/20 00:56	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_01-03

Date Collected: 09/16/20 09:41

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-8

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	63.2		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	36.8		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_01-03

Date Collected: 09/16/20 09:41

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-8

Matrix: Solid

Percent Solids: 36.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	54000	B	2700	2000	mg/Kg	☼		09/29/20 01:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_03-05

Lab Sample ID: 180-111287-9

Date Collected: 09/16/20 09:42

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.8		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	40.2		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-02-04_091620_SED_03-05

Date Collected: 09/16/20 09:42

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-9

Matrix: Solid

Percent Solids: 40.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	53000	B	2500	1900	mg/Kg	☼		09/29/20 01:41	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Lab Sample ID: 180-111287-10

Date Collected: 09/16/20 09:58

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.2		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	34.8		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Date Collected: 09/16/20 09:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-10

Matrix: Solid

Percent Solids: 34.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	73000	B	2900	2100	mg/Kg	☼		09/29/20 01:57	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Lab Sample ID: 180-111287-11

Date Collected: 09/16/20 09:59

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	52.5		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	47.5		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Date Collected: 09/16/20 09:59

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-11

Matrix: Solid

Percent Solids: 47.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	52000	B	2100	1600	mg/Kg	☼		09/29/20 02:14	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Lab Sample ID: 180-111287-12

Date Collected: 09/16/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	55.3		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	44.7		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Date Collected: 09/16/20 10:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-12

Matrix: Solid

Percent Solids: 44.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	65000	B	2200	1700	mg/Kg	☼		09/29/20 02:31	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_00-01

Date Collected: 09/16/20 11:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.6		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	42.4		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_00-01

Date Collected: 09/16/20 11:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-13

Matrix: Solid

Percent Solids: 42.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	65000		2400	1800	mg/Kg	☼		09/29/20 18:00	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_01-03

Lab Sample ID: 180-111287-14

Date Collected: 09/16/20 11:50

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.2		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	40.8		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_01-03

Date Collected: 09/16/20 11:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-14

Matrix: Solid

Percent Solids: 40.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	61000		2500	1800	mg/Kg	☼		09/29/20 18:17	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_03-05

Date Collected: 09/16/20 12:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-15

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	53.4		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	46.6		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-01_091620_SED_03-05

Date Collected: 09/16/20 12:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-15

Matrix: Solid

Percent Solids: 46.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	43000		2100	1600	mg/Kg	☼		09/29/20 18:34	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_00-01

Date Collected: 09/16/20 14:05

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-16

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	45.3		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	54.7		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_00-01

Date Collected: 09/16/20 14:05

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-16

Matrix: Solid

Percent Solids: 54.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	17000		1800	1400	mg/Kg	☼		09/29/20 18:50	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_01-03

Date Collected: 09/16/20 14:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	47.8		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	52.2		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_01-03

Date Collected: 09/16/20 14:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-17

Matrix: Solid

Percent Solids: 52.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	18000		1900	1400	mg/Kg	☼		09/29/20 19:07	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_03-05

Lab Sample ID: 180-111287-18

Date Collected: 09/16/20 14:30

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	52.2		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	47.8		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ADD-02_091620_SED_03-05

Date Collected: 09/16/20 14:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-18

Matrix: Solid

Percent Solids: 47.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	25000		2100	1600	mg/Kg	☼		09/29/20 19:35	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_00-01

Date Collected: 09/16/20 10:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-19

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.6		0.1	0.1	%			10/07/20 19:13	1
Percent Solids	42.4		0.1	0.1	%			10/07/20 19:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_00-01

Date Collected: 09/16/20 10:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-19

Matrix: Solid

Percent Solids: 42.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	52000		2400	1800	mg/Kg	☼		09/29/20 19:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_01-03

Date Collected: 09/16/20 10:57

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-20

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.4		0.1	0.1	%			10/07/20 19:43	1
Percent Solids	40.6		0.1	0.1	%			10/07/20 19:43	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_01-03

Date Collected: 09/16/20 10:57

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-20

Matrix: Solid

Percent Solids: 40.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	64000	H	2500	1800	mg/Kg	☼		10/04/20 13:11	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_03-05

Date Collected: 09/16/20 10:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.1		0.1	0.1	%			10/07/20 19:43	1
Percent Solids	39.9		0.1	0.1	%			10/07/20 19:43	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C3_091620_SED_03-05

Date Collected: 09/16/20 10:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-21

Matrix: Solid

Percent Solids: 39.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	69000	B H	2500	1900	mg/Kg	☼		10/01/20 15:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_00-01

Date Collected: 09/16/20 10:43

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-22

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	55.2		0.1	0.1	%			10/07/20 19:43	1
Percent Solids	44.8		0.1	0.1	%			10/07/20 19:43	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_00-01

Date Collected: 09/16/20 10:43

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-22

Matrix: Solid

Percent Solids: 44.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	49000		2200	1700	mg/Kg	☼		09/29/20 20:09	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_01-03

Date Collected: 09/16/20 10:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-23

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.0		0.1	0.1	%			10/07/20 19:43	1
Percent Solids	43.0		0.1	0.1	%			10/07/20 19:43	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_01-03

Date Collected: 09/16/20 10:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-23

Matrix: Solid

Percent Solids: 43.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	58000		2300	1700	mg/Kg	☼		09/29/20 20:25	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_03-05

Date Collected: 09/16/20 10:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-24

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	56.2		0.1	0.1	%			10/07/20 19:43	1
Percent Solids	43.8		0.1	0.1	%			10/07/20 19:43	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C5_091620_SED_03-05

Date Collected: 09/16/20 10:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-24

Matrix: Solid

Percent Solids: 43.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	62000		2300	1700	mg/Kg	☼		09/29/20 20:42	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_00-01

Date Collected: 09/17/20 15:21

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-25

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.9		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	42.1		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_00-01

Date Collected: 09/17/20 15:21

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-25

Matrix: Solid

Percent Solids: 42.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	61000		2400	1800	mg/Kg	☼		09/30/20 15:50	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-26

Date Collected: 09/17/20 15:54

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.2		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	37.8		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Date Collected: 09/17/20 15:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-26

Matrix: Solid

Percent Solids: 37.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	73000		2600	2000	mg/Kg	☼		09/30/20 16:18	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_01-03

Date Collected: 09/17/20 15:23

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-27

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.2		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	39.8		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_01-03

Date Collected: 09/17/20 15:23

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-27

Matrix: Solid

Percent Solids: 39.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	68000		2500	1900	mg/Kg	☼		09/30/20 16:35	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Date Collected: 09/17/20 15:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-28

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	56.4		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	43.6		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Date Collected: 09/17/20 15:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-28

Matrix: Solid

Percent Solids: 43.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	56000		2300	1700	mg/Kg	☼		09/30/20 16:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_03-05

Date Collected: 09/17/20 15:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-29

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.8		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	41.2		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_03-05

Date Collected: 09/17/20 15:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-29

Matrix: Solid

Percent Solids: 41.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	68000		2400	1800	mg/Kg	☼		09/30/20 17:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Date Collected: 09/17/20 15:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-30

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.1		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	37.9		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Date Collected: 09/17/20 15:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-30

Matrix: Solid

Percent Solids: 37.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	79000		2600	2000	mg/Kg	☼		09/30/20 17:25	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_00-01

Lab Sample ID: 180-111287-31

Date Collected: 09/17/20 10:30

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	71.2		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	28.8		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_00-01

Date Collected: 09/17/20 10:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-31

Matrix: Solid

Percent Solids: 28.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	110000		3500	2600	mg/Kg	☼		09/30/20 17:42	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_01-03

Date Collected: 09/17/20 10:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-32

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	71.3		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	28.7		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_01-03

Date Collected: 09/17/20 10:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-32

Matrix: Solid

Percent Solids: 28.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	100000		3500	2600	mg/Kg	☼		09/30/20 18:41	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_03-05

Lab Sample ID: 180-111287-33

Date Collected: 09/17/20 10:50

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	73.8		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	26.2		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MMSW-C_091720_SED_03-05

Date Collected: 09/17/20 10:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-33

Matrix: Solid

Percent Solids: 26.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	140000		3800	2900	mg/Kg	☼		09/30/20 18:58	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_00-01

Date Collected: 09/16/20 16:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-34

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	30.0		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	70.0		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_00-01

Date Collected: 09/16/20 16:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-34

Matrix: Solid

Percent Solids: 70.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	9700		1400	1100	mg/Kg	☼		09/29/20 21:32	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_01-03

Date Collected: 09/16/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-35

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	21.0		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	79.0		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_01-03

Date Collected: 09/16/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-35

Matrix: Solid

Percent Solids: 79.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	6500		1300	940	mg/Kg	☼		09/29/20 21:49	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_03-05

Date Collected: 09/16/20 17:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-36

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17.6		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	82.4		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-04_091620_SED_03-05

Date Collected: 09/16/20 17:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-36

Matrix: Solid

Percent Solids: 82.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	5300		1200	910	mg/Kg	☼		09/29/20 22:06	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_00-01

Date Collected: 09/17/20 16:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-37

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	71.0		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	29.0		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_00-01

Date Collected: 09/17/20 16:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-37

Matrix: Solid

Percent Solids: 29.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	68000		3500	2600	mg/Kg	☼		09/30/20 19:15	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_01-03

Date Collected: 09/17/20 16:27

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-38

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.9		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	34.1		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_01-03

Date Collected: 09/17/20 16:27

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-38

Matrix: Solid

Percent Solids: 34.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	62000		2900	2200	mg/Kg	☼		09/30/20 19:31	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_03-05

Date Collected: 09/17/20 16:29

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-39

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.6		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	34.4		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-01_091720_SED_03-05

Date Collected: 09/17/20 16:29

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-39

Matrix: Solid

Percent Solids: 34.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	55000	F1	2900	2200	mg/Kg	☼		09/30/20 22:47	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_00-01

Date Collected: 09/17/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-40

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.2		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	34.8		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_00-01

Date Collected: 09/17/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-40

Matrix: Solid

Percent Solids: 34.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	51000		2900	2100	mg/Kg	☼		09/30/20 20:33	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-41

Date Collected: 09/17/20 17:40

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.4		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	34.6		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Date Collected: 09/17/20 17:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-41

Matrix: Solid

Percent Solids: 34.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	56000		2900	2200	mg/Kg	☼		09/30/20 20:50	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_01-03

Lab Sample ID: 180-111287-42

Date Collected: 09/17/20 17:15

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.2		0.1	0.1	%			10/08/20 20:46	1
Percent Solids	39.8		0.1	0.1	%			10/08/20 20:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_01-03

Date Collected: 09/17/20 17:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-42

Matrix: Solid

Percent Solids: 39.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	59000		2500	1900	mg/Kg	☼		09/30/20 21:06	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-43

Date Collected: 09/17/20 17:45

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.7		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	40.3		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Date Collected: 09/17/20 17:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-43

Matrix: Solid

Percent Solids: 40.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	56000		2500	1800	mg/Kg	☼		09/30/20 21:23	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_03-05

Date Collected: 09/17/20 17:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-44

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.0		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	40.0		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_03-05

Date Collected: 09/17/20 17:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-44

Matrix: Solid

Percent Solids: 40.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	54000		2500	1900	mg/Kg	☼		09/30/20 21:40	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_00-01

Date Collected: 09/17/20 17:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-45

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.8		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	32.2		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_00-01

Date Collected: 09/17/20 17:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-45

Matrix: Solid

Percent Solids: 32.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	62000		3100	2300	mg/Kg	☼		09/30/20 21:57	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_00-01

Date Collected: 09/17/20 16:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-46

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	75.3		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	24.7		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_00-01

Date Collected: 09/17/20 16:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-46

Matrix: Solid

Percent Solids: 24.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	180000		4100	3000	mg/Kg	☼		09/30/20 23:37	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_01-03

Date Collected: 09/17/20 16:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-47

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.8		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	21.2		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_01-03

Date Collected: 09/17/20 16:58

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-47

Matrix: Solid

Percent Solids: 21.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	210000		4700	3500	mg/Kg	☼		09/30/20 23:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_03-05

Lab Sample ID: 180-111287-48

Date Collected: 09/17/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.8		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	21.2		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-N_091720_SED_03-05

Date Collected: 09/17/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-48

Matrix: Solid

Percent Solids: 21.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	190000		4700	3500	mg/Kg	☼		10/01/20 00:22	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-49

Date Collected: 09/17/20 17:50

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.0		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	42.0		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Date Collected: 09/17/20 17:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-49

Matrix: Solid

Percent Solids: 42.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	51000		2400	1800	mg/Kg	☼		10/01/20 00:38	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_00-01

Date Collected: 09/18/20 10:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-50

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	6.0		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	94.0		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_00-01

Date Collected: 09/18/20 10:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-50

Matrix: Solid

Percent Solids: 94.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	2000		1100	790	mg/Kg	☼		10/01/20 00:55	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_01-03

Date Collected: 09/18/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-51

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.9		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	92.1		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_01-03

Date Collected: 09/18/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-51

Matrix: Solid

Percent Solids: 92.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	2300		1100	810	mg/Kg	☼		10/01/20 01:12	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_03-05

Date Collected: 09/18/20 10:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-52

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	92.5		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OV-01_091820_SED_03-05

Date Collected: 09/18/20 10:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-52

Matrix: Solid

Percent Solids: 92.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	2600	B	1100	810	mg/Kg	☼		10/01/20 16:25	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Date Collected: 09/17/20 18:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-53

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.2		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	34.8		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Date Collected: 09/17/20 18:25

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-53

Matrix: Solid

Percent Solids: 34.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	48000		2900	2100	mg/Kg	☼		10/01/20 01:29	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_01-03

Date Collected: 09/17/20 18:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-54

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	53.9		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	46.1		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_01-03

Date Collected: 09/17/20 18:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-54

Matrix: Solid

Percent Solids: 46.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	45000		2200	1600	mg/Kg	☼		10/01/20 01:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Date Collected: 09/17/20 18:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-55

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.2		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	41.8		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Date Collected: 09/17/20 18:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-55

Matrix: Solid

Percent Solids: 41.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	46000		2400	1800	mg/Kg	☼		10/01/20 02:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_03-05

Date Collected: 09/17/20 18:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-56

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	55.6		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	44.4		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_03-05

Date Collected: 09/17/20 18:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-56

Matrix: Solid

Percent Solids: 44.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	56000		2300	1700	mg/Kg	☼		10/01/20 02:30	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Date Collected: 09/17/20 18:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-57

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	54.5		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	45.5		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Date Collected: 09/17/20 18:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-57

Matrix: Solid

Percent Solids: 45.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	50000		2200	1600	mg/Kg	☼		10/01/20 02:47	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_00-01

Lab Sample ID: 180-111287-58

Date Collected: 09/18/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.3		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	40.7		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_00-01

Date Collected: 09/18/20 10:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-58

Matrix: Solid

Percent Solids: 40.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	87000	B	2500	1800	mg/Kg	☼		10/01/20 16:42	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_01-03

Date Collected: 09/18/20 10:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-59

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.8		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	40.2		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_01-03

Date Collected: 09/18/20 10:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-59

Matrix: Solid

Percent Solids: 40.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	87000	B	2500	1900	mg/Kg	☼		10/01/20 16:59	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_03-05

Date Collected: 09/18/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-60

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.8		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	40.2		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-22-MID_091820_SED_03-05

Date Collected: 09/18/20 10:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-60

Matrix: Solid

Percent Solids: 40.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	92000	B	2500	1900	mg/Kg	☼		10/01/20 17:16	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_00-01

Lab Sample ID: 180-111287-61

Date Collected: 09/18/20 12:35

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	82.7		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	17.3		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_00-01

Date Collected: 09/18/20 12:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-61

Matrix: Solid

Percent Solids: 17.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	250000	B	5800	4300	mg/Kg	☼		10/01/20 17:32	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_01-03

Date Collected: 09/18/20 12:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-62

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	82.0		0.1	0.1	%			10/08/20 21:08	1
Percent Solids	18.0		0.1	0.1	%			10/08/20 21:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_01-03

Date Collected: 09/18/20 12:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-62

Matrix: Solid

Percent Solids: 18.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	210000	B	5600	4100	mg/Kg	☼		10/01/20 18:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_03-05

Date Collected: 09/18/20 12:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-63

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	81.9		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	18.1		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C1_091820_SED_03-05

Date Collected: 09/18/20 12:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-63

Matrix: Solid

Percent Solids: 18.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	290000	B	5500	4100	mg/Kg	☼		10/01/20 18:40	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_00-01

Lab Sample ID: 180-111287-64

Date Collected: 09/18/20 13:10

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	72.8		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	27.2		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_00-01

Date Collected: 09/18/20 13:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-64

Matrix: Solid

Percent Solids: 27.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	130000	B	3700	2700	mg/Kg	☼		10/01/20 18:57	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_01-03

Date Collected: 09/18/20 13:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-65

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	75.0		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	25.0		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_01-03

Date Collected: 09/18/20 13:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-65

Matrix: Solid

Percent Solids: 25.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	140000	B	4000	3000	mg/Kg	☼		10/01/20 19:14	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_03-05

Date Collected: 09/18/20 13:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-66

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	76.9		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	23.1		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C1_091820_SED_03-05

Date Collected: 09/18/20 13:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-66

Matrix: Solid

Percent Solids: 23.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	150000	B	4300	3200	mg/Kg	☼		10/01/20 19:31	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_00-01

Date Collected: 09/18/20 15:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-67

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.0		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	38.0		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_00-01

Date Collected: 09/18/20 15:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-67

Matrix: Solid

Percent Solids: 38.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	54000	B	2600	2000	mg/Kg	☼		10/01/20 19:47	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_01-03

Date Collected: 09/18/20 15:42

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-68

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	64.5		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	35.5		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_01-03

Date Collected: 09/18/20 15:42

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-68

Matrix: Solid

Percent Solids: 35.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	80000		2800	2100	mg/Kg	☼		10/01/20 22:29	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_03-05

Date Collected: 09/18/20 15:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-69

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.2		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	37.8		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OB-05_091820_SED_03-05

Date Collected: 09/18/20 15:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-69

Matrix: Solid

Percent Solids: 37.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	60000	B	2600	2000	mg/Kg	☼		10/01/20 20:15	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-70

Date Collected: 09/18/20 16:06

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	50.8		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	49.2		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Date Collected: 09/18/20 16:06

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-70

Matrix: Solid

Percent Solids: 49.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	38000	B	2000	1500	mg/Kg	☼		10/01/20 20:32	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-71

Date Collected: 09/18/20 16:08

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	50.9		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	49.1		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Date Collected: 09/18/20 16:08

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-71

Matrix: Solid

Percent Solids: 49.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	46000	B	2000	1500	mg/Kg	☼		10/01/20 20:49	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-72

Date Collected: 09/18/20 16:10

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	48.1		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	51.9		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Date Collected: 09/18/20 16:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-72

Matrix: Solid

Percent Solids: 51.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	43000	B	1900	1400	mg/Kg	☼		10/01/20 21:06	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_00-01

Date Collected: 09/18/20 16:24

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-73

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	61.9		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	38.1		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_00-01

Date Collected: 09/18/20 16:24

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-73

Matrix: Solid

Percent Solids: 38.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	49000	B	2600	2000	mg/Kg	☼		10/01/20 21:22	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Lab Sample ID: 180-111287-74

Date Collected: 09/18/20 17:06

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	64.0		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	36.0		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Date Collected: 09/18/20 17:06

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-74

Matrix: Solid

Percent Solids: 36.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	60000	B	2800	2100	mg/Kg	☼		10/01/20 21:39	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_01-03

Date Collected: 09/18/20 16:26

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-75

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.1		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	41.9		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_01-03

Date Collected: 09/18/20 16:26

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-75

Matrix: Solid

Percent Solids: 41.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	51000		2400	1800	mg/Kg	☼		10/01/20 23:20	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Lab Sample ID: 180-111287-76

Date Collected: 09/18/20 17:08

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	55.1		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	44.9		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Date Collected: 09/18/20 17:08

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-76

Matrix: Solid

Percent Solids: 44.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	51000		2200	1700	mg/Kg	☼		10/01/20 23:36	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_03-05

Date Collected: 09/18/20 16:28

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-77

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	53.1		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	46.9		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_03-05

Date Collected: 09/18/20 16:28

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-77

Matrix: Solid

Percent Solids: 46.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	48000		2100	1600	mg/Kg	☼		10/02/20 00:04	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Lab Sample ID: 180-111287-78

Date Collected: 09/18/20 17:10

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	54.4		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	45.6		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Date Collected: 09/18/20 17:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-78

Matrix: Solid

Percent Solids: 45.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	52000		2200	1600	mg/Kg	☼		10/02/20 00:21	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_00-01

Date Collected: 09/18/20 17:33

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-79

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	64.8		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	35.2		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_00-01

Date Collected: 09/18/20 17:33

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-79

Matrix: Solid

Percent Solids: 35.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	79000		2800	2100	mg/Kg	☼		10/02/20 00:38	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_01-03

Date Collected: 09/18/20 17:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-80

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.6		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	42.4		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_01-03

Date Collected: 09/18/20 17:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-80

Matrix: Solid

Percent Solids: 42.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	75000		2400	1800	mg/Kg	☼		10/02/20 00:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_03-05

Lab Sample ID: 180-111287-81

Date Collected: 09/18/20 17:37

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	66.0		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	34.0		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-LOW_091820_SED_03-05

Date Collected: 09/18/20 17:37

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-81

Matrix: Solid

Percent Solids: 34.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	89000		2900	2200	mg/Kg	☼		10/02/20 01:11	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-82

Date Collected: 09/18/20 18:20

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.5		0.1	0.1	%			10/08/20 21:24	1
Percent Solids	39.5		0.1	0.1	%			10/08/20 21:24	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Date Collected: 09/18/20 18:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-82

Matrix: Solid

Percent Solids: 39.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	59000		2500	1900	mg/Kg	☼		10/02/20 01:28	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-83

Date Collected: 09/18/20 18:22

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.2		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	41.8		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Date Collected: 09/18/20 18:22

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-83

Matrix: Solid

Percent Solids: 41.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	67000		2400	1800	mg/Kg	☼		10/02/20 01:56	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-84

Date Collected: 09/18/20 18:24

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	54.9		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	45.1		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Date Collected: 09/18/20 18:24

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-84

Matrix: Solid

Percent Solids: 45.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	71000		2200	1700	mg/Kg	☼		10/02/20 02:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_00-01

Date Collected: 09/19/20 13:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-85

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	77.9		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	22.1		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_00-01

Date Collected: 09/19/20 13:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-85

Matrix: Solid

Percent Solids: 22.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	58000		4500	3400	mg/Kg	☼		10/02/20 15:57	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Date Collected: 09/19/20 14:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-86

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.4		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	21.6		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Date Collected: 09/19/20 14:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-86

Matrix: Solid

Percent Solids: 21.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	61000		4600	3500	mg/Kg	☼		10/02/20 16:14	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_01-03

Date Collected: 09/19/20 13:43

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-87

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	68.1		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	31.9		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_01-03

Date Collected: 09/19/20 13:43

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-87

Matrix: Solid

Percent Solids: 31.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	50000		3100	2300	mg/Kg	☼		10/02/20 16:56	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Date Collected: 09/19/20 14:47

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-88

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	69.8		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	30.2		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Date Collected: 09/19/20 14:47

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-88

Matrix: Solid

Percent Solids: 30.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	52000		3300	2500	mg/Kg	☼		10/02/20 17:13	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_03-05

Date Collected: 09/19/20 13:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-89

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	64.8		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	35.2		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_03-05

Date Collected: 09/19/20 13:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-89

Matrix: Solid

Percent Solids: 35.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	49000		2800	2100	mg/Kg	☼		10/02/20 17:30	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Date Collected: 09/19/20 14:49

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-90

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	65.1		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	34.9		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Date Collected: 09/19/20 14:49

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-90

Matrix: Solid

Percent Solids: 34.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	45000		2900	2100	mg/Kg	☼		10/02/20 17:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_00-01

Date Collected: 09/19/20 15:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-91

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.7		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	32.3		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_00-01

Date Collected: 09/19/20 15:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-91

Matrix: Solid

Percent Solids: 32.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	37000		3100	2300	mg/Kg	☼		10/02/20 18:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_01-03

Date Collected: 09/19/20 15:17

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-92

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.8		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	41.2		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_01-03

Date Collected: 09/19/20 15:17

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-92

Matrix: Solid

Percent Solids: 41.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	31000		2400	1800	mg/Kg	☼		10/02/20 18:20	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_03-05

Date Collected: 09/19/20 15:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-93

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	58.2		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	41.8		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-03_091920_SED_03-05

Date Collected: 09/19/20 15:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-93

Matrix: Solid

Percent Solids: 41.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	38000		2400	1800	mg/Kg	☼		10/02/20 18:48	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_00-01

Lab Sample ID: 180-111287-94

Date Collected: 09/18/20 18:42

Matrix: Solid

Date Received: 09/23/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	47.0		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	53.0		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_00-01

Date Collected: 09/18/20 18:42

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-94

Matrix: Solid

Percent Solids: 53.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	37000		1900	1400	mg/Kg	☼		10/02/20 02:29	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_01-03

Date Collected: 09/18/20 18:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-95

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	56.6		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	43.4		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_01-03

Date Collected: 09/18/20 18:44

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-95

Matrix: Solid

Percent Solids: 43.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	45000		2300	1700	mg/Kg	☼		10/02/20 02:46	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_03-05

Date Collected: 09/18/20 18:46

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-96

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	49.5		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	50.5		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: SVE-01_091820_SED_03-05

Date Collected: 09/18/20 18:46

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-96

Matrix: Solid

Percent Solids: 50.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	32000	B H	2000	1500	mg/Kg	☼		10/06/20 01:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_00-01

Date Collected: 09/20/20 12:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-97

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.7		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	32.3		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_00-01

Date Collected: 09/20/20 12:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-97

Matrix: Solid

Percent Solids: 32.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	36000		3100	2300	mg/Kg	☼		10/02/20 19:04	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_01-03

Date Collected: 09/20/20 12:37

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-98

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.8		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	37.2		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_01-03

Date Collected: 09/20/20 12:37

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-98

Matrix: Solid

Percent Solids: 37.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	35000		2700	2000	mg/Kg	☼		10/02/20 19:21	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_00-01

Date Collected: 09/19/20 15:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-99

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	46.9		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	53.1		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_00-01

Date Collected: 09/19/20 15:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-99

Matrix: Solid

Percent Solids: 53.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	23000	B H	1900	1400	mg/Kg	☼		10/06/20 02:08	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_01-03

Date Collected: 09/19/20 15:52

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-100

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	48.7		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	51.3		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_01-03

Date Collected: 09/19/20 15:52

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-100

Matrix: Solid

Percent Solids: 51.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	24000		1900	1500	mg/Kg	☼		10/02/20 19:55	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_03-05

Date Collected: 09/19/20 15:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-101

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	38.8		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	61.2		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: E-01-04_091920_SED_03-05

Date Collected: 09/19/20 15:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-101

Matrix: Solid

Percent Solids: 61.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	19000	B H	1600	1200	mg/Kg	☼		10/06/20 02:25	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_00-01

Date Collected: 09/19/20 16:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-102

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	52.1		0.1	0.1	%			10/08/20 21:45	1
Percent Solids	47.9		0.1	0.1	%			10/08/20 21:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_00-01

Date Collected: 09/19/20 16:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-102

Matrix: Solid

Percent Solids: 47.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	33000		2100	1600	mg/Kg	☼		10/02/20 21:35	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_01-03

Date Collected: 09/19/20 16:32

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-103

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	55.5		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	44.5		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_01-03

Date Collected: 09/19/20 16:32

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-103

Matrix: Solid

Percent Solids: 44.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	52000		2200	1700	mg/Kg	☼		10/02/20 21:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_030-036

Date Collected: 09/19/20 16:34

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-104

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	56.4		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	43.6		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: ES-FP_091920_SED_030-036

Date Collected: 09/19/20 16:34

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-104

Matrix: Solid

Percent Solids: 43.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	27000		2300	1700	mg/Kg	☼		10/02/20 22:20	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_00-01

Date Collected: 09/20/20 12:02

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-105

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	62.5		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	37.5		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_00-01

Date Collected: 09/20/20 12:02

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-105

Matrix: Solid

Percent Solids: 37.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	30000		2700	2000	mg/Kg	☼		10/02/20 22:37	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_01-03

Date Collected: 09/20/20 12:04

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-106

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.3		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	39.7		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_01-03

Date Collected: 09/20/20 12:04

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-106

Matrix: Solid

Percent Solids: 39.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	32000		2500	1900	mg/Kg	☼		10/02/20 22:53	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_03-05

Date Collected: 09/20/20 12:06

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-107

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	60.5		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	39.5		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: L9-45_092020_SED_03-05

Date Collected: 09/20/20 12:06

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-107

Matrix: Solid

Percent Solids: 39.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	36000		2500	1900	mg/Kg	☼		10/02/20 23:10	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OL-01_091920_SED_00-03

Date Collected: 09/19/20 16:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-108

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	27.4		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	72.6		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: OL-01_091920_SED_00-03

Date Collected: 09/19/20 16:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-108

Matrix: Solid

Percent Solids: 72.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	14000		1400	1000	mg/Kg	☼		10/02/20 23:27	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BO-04_092120_SED_00-02

Date Collected: 09/21/20 11:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-109

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	75.2		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	24.8		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: BO-04_092120_SED_00-02

Date Collected: 09/21/20 11:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-109

Matrix: Solid

Percent Solids: 24.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	91000		4000	3000	mg/Kg	☼		10/04/20 14:01	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_03-05

Date Collected: 09/20/20 12:39

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-110

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.2		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	42.8		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: CJ-04_092020_SED_03-05

Date Collected: 09/20/20 12:39

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-110

Matrix: Solid

Percent Solids: 42.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	37000		2300	1700	mg/Kg	☼		10/02/20 23:44	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_00-01

Date Collected: 09/21/20 11:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-111

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	54.7		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	45.3		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_00-01

Date Collected: 09/21/20 11:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-111

Matrix: Solid

Percent Solids: 45.3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	64000		2200	1600	mg/Kg	☼		10/04/20 14:18	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_00-01

Date Collected: 09/20/20 18:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-112

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	84.8		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	15.2		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_00-01

Date Collected: 09/20/20 18:15

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-112

Matrix: Solid

Percent Solids: 15.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	260000		6600	4900	mg/Kg	☼		10/03/20 00:11	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_01-03

Date Collected: 09/20/20 18:17

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-113

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	73.6		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	26.4		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_01-03

Date Collected: 09/20/20 18:17

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-113

Matrix: Solid

Percent Solids: 26.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	160000		3800	2800	mg/Kg	☼		10/03/20 00:28	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_03-05

Date Collected: 09/20/20 18:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-114

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	34.2		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	65.8		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-HIGH_092020_SED_03-05

Date Collected: 09/20/20 18:19

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-114

Matrix: Solid

Percent Solids: 65.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	38000		1500	1100	mg/Kg	☼		10/03/20 00:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_00-01

Date Collected: 09/20/20 16:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-115

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	68.6		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	31.4		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_00-01

Date Collected: 09/20/20 16:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-115

Matrix: Solid

Percent Solids: 31.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	93000		3200	2400	mg/Kg	☼		10/03/20 01:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_01-03

Date Collected: 09/20/20 16:57

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-116

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	63.1		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	36.9		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_01-03

Date Collected: 09/20/20 16:57

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-116

Matrix: Solid

Percent Solids: 36.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	110000		2700	2000	mg/Kg	☼		10/03/20 01:18	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_03-05

Date Collected: 09/20/20 16:59

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-117

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	69.1		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	30.9		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-LOW_092020_SED_03-05

Date Collected: 09/20/20 16:59

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-117

Matrix: Solid

Percent Solids: 30.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	120000		3200	2400	mg/Kg	☼		10/04/20 14:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_00-01

Date Collected: 09/20/20 17:34

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-118

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.5		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	32.5		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_00-01

Date Collected: 09/20/20 17:34

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-118

Matrix: Solid

Percent Solids: 32.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	110000		3100	2300	mg/Kg	☼		10/04/20 15:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_01-03

Date Collected: 09/20/20 17:36

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-119

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	64.8		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	35.2		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_01-03

Date Collected: 09/20/20 17:36

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-119

Matrix: Solid

Percent Solids: 35.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	150000		2800	2100	mg/Kg	☼		10/04/20 15:19	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_03-05

Date Collected: 09/20/20 17:38

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-120

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	48.1		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	51.9		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-61-MID_092020_SED_03-05

Date Collected: 09/20/20 17:38

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-120

Matrix: Solid

Percent Solids: 51.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	53000		1900	1400	mg/Kg	☼		10/04/20 15:36	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_00-01

Date Collected: 09/21/20 14:52

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-121

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.9		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	21.1		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_00-01

Date Collected: 09/21/20 14:52

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-121

Matrix: Solid

Percent Solids: 21.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	34000		4700	3500	mg/Kg	☼		10/04/20 15:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_01-03

Date Collected: 09/21/20 14:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-122

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	61.2		0.1	0.1	%			10/08/20 21:54	1
Percent Solids	38.8		0.1	0.1	%			10/08/20 21:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_01-03

Date Collected: 09/21/20 14:54

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-122

Matrix: Solid

Percent Solids: 38.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	19000		2600	1900	mg/Kg	☼		10/04/20 16:09	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_03-05

Date Collected: 09/21/20 14:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-123

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	51.3		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	48.7		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: FRB-01_092120_SED_03-05

Date Collected: 09/21/20 14:56

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-123

Matrix: Solid

Percent Solids: 48.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	17000		2100	1500	mg/Kg	☼		10/04/20 16:54	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_01-03

Date Collected: 09/21/20 12:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-124

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	59.2		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	40.8		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_01-03

Date Collected: 09/21/20 12:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-124

Matrix: Solid

Percent Solids: 40.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	80000	F1	2500	1800	mg/Kg	☼		10/04/20 17:11	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_03-05

Date Collected: 09/21/20 12:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-125

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	57.5		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	42.5		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T2-C3_092120_SED_03-05

Date Collected: 09/21/20 12:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-125

Matrix: Solid

Percent Solids: 42.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	82000		2400	1800	mg/Kg	☼		10/04/20 20:59	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_00-01

Date Collected: 09/21/20 13:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-126

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	71.0		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	29.0		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_00-01

Date Collected: 09/21/20 13:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-126

Matrix: Solid

Percent Solids: 29.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	130000		3400	2600	mg/Kg	☼		10/04/20 18:01	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_01-03

Date Collected: 09/21/20 13:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-127

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	73.4		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	26.6		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_01-03

Date Collected: 09/21/20 13:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-127

Matrix: Solid

Percent Solids: 26.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	130000		3800	2800	mg/Kg	☼		10/04/20 18:18	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_03-05

Date Collected: 09/21/20 13:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-128

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	71.0		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	29.0		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T5-C3_092120_SED_03-05

Date Collected: 09/21/20 13:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-128

Matrix: Solid

Percent Solids: 29.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	120000		3400	2600	mg/Kg	☼		10/04/20 18:45	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_00-01

Date Collected: 09/21/20 14:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-129

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	75.6		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	24.4		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_00-01

Date Collected: 09/21/20 14:35

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-129

Matrix: Solid

Percent Solids: 24.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	170000		4100	3100	mg/Kg	☼		10/04/20 19:02	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_01-03

Date Collected: 09/21/20 14:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-130

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.1		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	21.9		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_01-03

Date Collected: 09/21/20 14:45

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-130

Matrix: Solid

Percent Solids: 21.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	210000		4600	3400	mg/Kg	☼		10/04/20 19:19	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_03-05

Date Collected: 09/21/20 14:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-131

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	74.1		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	25.9		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-HIGH_092120_SED_03-05

Date Collected: 09/21/20 14:55

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-131

Matrix: Solid

Percent Solids: 25.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	180000		3900	2900	mg/Kg	☼		10/04/20 19:36	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_00-01

Date Collected: 09/21/20 15:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-132

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	72.1		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	27.9		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_00-01

Date Collected: 09/21/20 15:10

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-132

Matrix: Solid

Percent Solids: 27.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	140000		3600	2700	mg/Kg	☼		10/04/20 19:52	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_00-01

Date Collected: 09/21/20 16:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-133

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	73.0		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	27.0		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_00-01

Date Collected: 09/21/20 16:40

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-133

Matrix: Solid

Percent Solids: 27.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	89000		3700	2800	mg/Kg	☼		10/04/20 20:09	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_01-03

Date Collected: 09/21/20 16:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-134

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.8		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	32.2		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_01-03

Date Collected: 09/21/20 16:50

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-134

Matrix: Solid

Percent Solids: 32.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	74000		3100	2300	mg/Kg	☼		10/04/20 21:50	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_03-05

Date Collected: 09/21/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-135

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	67.0		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	33.0		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: MM-T1-C2_092120_SED_03-05

Date Collected: 09/21/20 17:00

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-135

Matrix: Solid

Percent Solids: 33.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	89000		3000	2300	mg/Kg	☼		10/04/20 22:06	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_01-03

Date Collected: 09/21/20 15:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-136

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	78.2		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	21.8		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_01-03

Date Collected: 09/21/20 15:20

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-136

Matrix: Solid

Percent Solids: 21.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	160000		4600	3400	mg/Kg	☼		10/04/20 22:34	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_03-05

Date Collected: 09/21/20 15:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-137

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	75.4		0.1	0.1	%			10/08/20 22:03	1
Percent Solids	24.6		0.1	0.1	%			10/08/20 22:03	1

Client Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Client Sample ID: W-17-MID_092120_SED_03-05

Date Collected: 09/21/20 15:30

Date Received: 09/23/20 08:00

Lab Sample ID: 180-111287-137

Matrix: Solid

Percent Solids: 24.6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	160000		4100	3000	mg/Kg	☼		10/04/20 22:51	1

Default Detection Limits

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Analyte	RL	MDL	Units
Percent Moisture	0.1	0.1	%
Percent Solids	0.1	0.1	%
Total Organic Carbon - Duplicates	1000	750	mg/Kg

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: 2540G - SM 2540G

Lab Sample ID: 180-111287-2 DU
Matrix: Solid
Analysis Batch: 332658

Client Sample ID: ES-02_091620_SED_01-03
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	57.2		57.1		%		0.2	10
Percent Solids	42.8		42.9		%		0.3	10

Lab Sample ID: 180-111287-11 DU
Matrix: Solid
Analysis Batch: 332658

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	52.5		52.5		%		0.07	10
Percent Solids	47.5		47.5		%		0.07	10

Lab Sample ID: 180-111287-20 DU
Matrix: Solid
Analysis Batch: 332661

Client Sample ID: OR-T1-C3_091620_SED_01-03
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	59.4		60.0		%		1	10
Percent Solids	40.6		40.0		%		2	10

Lab Sample ID: 180-111287-33 DU
Matrix: Solid
Analysis Batch: 332787

Client Sample ID: MMSW-C_091720_SED_03-05
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	73.8		74.0		%		0.2	10
Percent Solids	26.2		26.0		%		0.4	10

Lab Sample ID: 180-111287-43 DU
Matrix: Solid
Analysis Batch: 332788

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	59.7		59.8		%		0.2	10
Percent Solids	40.3		40.2		%		0.4	10

Lab Sample ID: 180-111287-53 DU
Matrix: Solid
Analysis Batch: 332788

Client Sample ID: PBR-28_091720_SED_00-01_DUP
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	65.2		65.8		%		0.9	10
Percent Solids	34.8		34.2		%		2	10

Lab Sample ID: 180-111287-63 DU
Matrix: Solid
Analysis Batch: 332789

Client Sample ID: MM-T2-C1_091820_SED_03-05
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Result	Qualifier				Limit
Percent Moisture	81.9		82.2		%		0.4	10
Percent Solids	18.1		17.8		%		2	10

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: 2540G - SM 2540G

Lab Sample ID: 180-111287-73 DU
Matrix: Solid
Analysis Batch: 332789

Client Sample ID: FF-08-02_091820_SED_00-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	61.9		61.8		%		0.2	10
Percent Solids	38.1		38.2		%		0.4	10

Lab Sample ID: 180-111287-83 DU
Matrix: Solid
Analysis Batch: 332791

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	58.2		57.9		%		0.4	10
Percent Solids	41.8		42.1		%		0.6	10

Lab Sample ID: 180-111287-93 DU
Matrix: Solid
Analysis Batch: 332791

Client Sample ID: E-01-03_091920_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	58.2		57.9		%		0.5	10
Percent Solids	41.8		42.1		%		0.7	10

Lab Sample ID: 180-111287-103 DU
Matrix: Solid
Analysis Batch: 332793

Client Sample ID: ES-FP_091920_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	55.5		51.1		%		8	10
Percent Solids	44.5		48.9		%		9	10

Lab Sample ID: 180-111287-113 DU
Matrix: Solid
Analysis Batch: 332793

Client Sample ID: W-61-HIGH_092020_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	73.6		73.5		%		0.09	10
Percent Solids	26.4		26.5		%		0.2	10

Lab Sample ID: 180-111287-123 DU
Matrix: Solid
Analysis Batch: 332794

Client Sample ID: FRB-01_092120_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	51.3		52.1		%		2	10
Percent Solids	48.7		47.9		%		2	10

Lab Sample ID: 180-111287-133 DU
Matrix: Solid
Analysis Batch: 332794

Client Sample ID: MM-T1-C2_092120_SED_00-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	
			Result	Qualifier			RPD	Limit
Percent Moisture	73.0		72.3		%		0.8	10
Percent Solids	27.0		27.7		%		2	10

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-331573/58
Matrix: Solid
Analysis Batch: 331573

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon - Duplicates	822	J	1000	750	mg/Kg			09/28/20 21:35	1

Lab Sample ID: LCS 180-331573/59
Matrix: Solid
Analysis Batch: 331573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: MB 180-331767/4
Matrix: Solid
Analysis Batch: 331767

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			09/29/20 13:25	1

Lab Sample ID: MB 180-331767/58
Matrix: Solid
Analysis Batch: 331767

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			09/29/20 21:10	1

Lab Sample ID: LCS 180-331767/5
Matrix: Solid
Analysis Batch: 331767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: LCS 180-331767/59
Matrix: Solid
Analysis Batch: 331767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits

Lab Sample ID: MB 180-331942/4
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			09/30/20 14:21	1

QC Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MB 180-331942/60
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			09/30/20 22:24	1

Lab Sample ID: LCS 180-331942/5
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	35000		mg/Kg		93	75 - 125

Lab Sample ID: LCS 180-331942/61
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	30800		mg/Kg		82	75 - 125

Lab Sample ID: 180-111287-38 MS
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: OB-01_091720_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	62000		73200	131000		mg/Kg	☼	94	75 - 125

Lab Sample ID: 180-111287-38 MSD
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: OB-01_091720_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	62000		41100	107000		mg/Kg	☼	109	75 - 125	20	20

Lab Sample ID: 180-111287-39 MS
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: OB-01_091720_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	55000	F1	44900	114000	F1	mg/Kg	☼	132	75 - 125

Lab Sample ID: 180-111287-39 MSD
Matrix: Solid
Analysis Batch: 331942

Client Sample ID: OB-01_091720_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	55000	F1	42200	112000	F1	mg/Kg	☼	134	75 - 125	2	20

QC Sample Results

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MB 180-332087/4
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	783	J	1000	750	mg/Kg			10/01/20 14:11	1

Lab Sample ID: MB 180-332087/60
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			10/01/20 22:07	1

Lab Sample ID: LCS 180-332087/5
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	31500		mg/Kg		83	75 - 125

Lab Sample ID: LCS 180-332087/61
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	44600		mg/Kg		118	75 - 125

Lab Sample ID: 180-111287-21 MS
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: OR-T1-C3_091620_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	69000	B H	39900	105000		mg/Kg	☼	89	75 - 125

Lab Sample ID: 180-111287-21 MSD
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: OR-T1-C3_091620_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	69000	B H	45500	107000		mg/Kg	☼	82	75 - 125	2	20

Lab Sample ID: 180-111287-68 MS
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: OB-05_091820_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	80000		48700	128000		mg/Kg	☼	98	75 - 125

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 180-111287-68 MSD
Matrix: Solid
Analysis Batch: 332087

Client Sample ID: OB-05_091820_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	80000		45200	123000		mg/Kg	☼	95	75 - 125	4	20

Lab Sample ID: MB 180-332233/4
Matrix: Solid
Analysis Batch: 332233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			10/02/20 12:53	1

Lab Sample ID: MB 180-332233/58
Matrix: Solid
Analysis Batch: 332233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			10/02/20 20:23	1

Lab Sample ID: LCS 180-332233/5
Matrix: Solid
Analysis Batch: 332233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	34100		mg/Kg		90	75 - 125

Lab Sample ID: LCS 180-332233/59
Matrix: Solid
Analysis Batch: 332233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37700	34000		mg/Kg		90	75 - 125

Lab Sample ID: MB 180-332286/4
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			10/04/20 12:48	1

Lab Sample ID: MB 180-332286/60
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	ND		1000	750	mg/Kg			10/04/20 20:37	1

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 180-332286/5
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	35300		mg/Kg		93	75 - 125

Lab Sample ID: LCS 180-332286/61
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	43700		mg/Kg		116	75 - 125

Lab Sample ID: 180-111287-20 MS
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: OR-T1-C3_091620_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	64000	H	48800	110000		mg/Kg	☼	94	75 - 125

Lab Sample ID: 180-111287-20 MSD
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: OR-T1-C3_091620_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	64000	H	39300	100000		mg/Kg	☼	91	75 - 125	9	20

Lab Sample ID: 180-111287-124 MS
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: MM-T2-C3_092120_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	80000	F1	40100	120000		mg/Kg	☼	100	75 - 125

Lab Sample ID: 180-111287-124 MSD
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: MM-T2-C3_092120_SED_01-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	80000	F1	41800	108000	F1	mg/Kg	☼	67	75 - 125	11	20

Lab Sample ID: 180-111287-125 MS
Matrix: Solid
Analysis Batch: 332286

Client Sample ID: MM-T2-C3_092120_SED_03-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	82000		56200	139000		mg/Kg	☼	102	75 - 125

QC Sample Results

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 180-111287-125 MSD

Matrix: Solid

Analysis Batch: 332286

Client Sample ID: MM-T2-C3_092120_SED_03-05

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon - Duplicates	82000		54600	146000		mg/Kg	⊛	117	75 - 125	5	20

Lab Sample ID: MB 180-332397/58

Matrix: Solid

Analysis Batch: 332397

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon - Duplicates	904	J	1000	750	mg/Kg			10/05/20 21:46	1

Lab Sample ID: LCS 180-332397/59

Matrix: Solid

Analysis Batch: 332397

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon - Duplicates	37800	34900		mg/Kg		92	75 - 125

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry

Analysis Batch: 331573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-1	ES-02_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-2	ES-02_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-3	ES-02_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-4	FRB-02_091520_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-5	FRB-02_091520_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-6	FRB-02_091520_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-7	VN-02-04_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-8	VN-02-04_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-9	VN-02-04_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-10	VN-MU3-GC-1_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-11	VN-MU3-GC-1_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-12	VN-MU3-GC-1_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-331573/58	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-331573/59	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 331767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-13	ADD-01_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-14	ADD-01_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-15	ADD-01_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-16	ADD-02_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-17	ADD-02_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-18	ADD-02_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-19	OR-T1-C3_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-22	OR-T1-C5_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-23	OR-T1-C5_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-24	OR-T1-C5_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-34	OV-04_091620_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-35	OV-04_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-36	OV-04_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-331767/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-331767/58	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-331767/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-331767/59	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 331942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-25	BU-01-01_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-26	BU-01-01_091720_SED_00-01_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-27	BU-01-01_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-28	BU-01-01_091720_SED_01-03_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-29	BU-01-01_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-30	BU-01-01_091720_SED_03-05_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-31	MMSW-C_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-32	MMSW-C_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-33	MMSW-C_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-37	OB-01_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-38	OB-01_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-39	OB-01_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-40	OR-T1-C1_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-41	OR-T1-C1_091720_SED_00-01_DUP	Total/NA	Solid	EPA-Lloyd Kahn	

QC Association Summary

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 331942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-42	OR-T1-C1_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-43	OR-T1-C1_091720_SED_01-03_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-44	OR-T1-C1_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-45	PBR-28_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-46	W-17-N_091720_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-47	W-17-N_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-48	W-17-N_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-49	OR-T1-C1_091720_SED_03-05_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-50	OV-01_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-51	OV-01_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-53	PBR-28_091720_SED_00-01_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-54	PBR-28_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-55	PBR-28_091720_SED_01-03_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-56	PBR-28_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-57	PBR-28_091720_SED_03-05_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-331942/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-331942/60	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-331942/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-331942/61	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-38 MS	OB-01_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-38 MSD	OB-01_091720_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-39 MS	OB-01_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-39 MSD	OB-01_091720_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 332087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-21	OR-T1-C3_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-52	OV-01_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-58	W-22-MID_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-59	W-22-MID_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-60	W-22-MID_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-61	MM-T2-C1_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-62	MM-T2-C1_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-63	MM-T2-C1_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-64	MM-T5-C1_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-65	MM-T5-C1_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-66	MM-T5-C1_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-67	OB-05_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-68	OB-05_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-69	OB-05_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-70	W-17-INTERTIDAL_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-71	W-17-INTERTIDAL_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-72	W-17-INTERTIDAL_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-73	FF-08-02_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-74	FF-08-02_091820_SED_00-01_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-75	FF-08-02_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-76	FF-08-02_091820_SED_01-03_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-77	FF-08-02_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-78	FF-08-02_091820_SED_03-05_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-79	W-17-LOW_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-80	W-17-LOW_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	

QC Association Summary

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-81	W-17-LOW_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-82	W-61-INTERTIDAL_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-83	W-61-INTERTIDAL_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-84	W-61-INTERTIDAL_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-94	SVE-01_091820_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-95	SVE-01_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332087/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332087/60	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332087/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332087/61	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-21 MS	OR-T1-C3_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-21 MSD	OR-T1-C3_091620_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-68 MS	OB-05_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-68 MSD	OB-05_091820_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 332233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-85	E-01-01_091920_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-86	E-01-01_091920_SED_00-01_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-87	E-01-01_091920_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-88	E-01-01_091920_SED_01-03_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-89	E-01-01_091920_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-90	E-01-01_091920_SED_03-05_DUP	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-91	E-01-03_091920_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-92	E-01-03_091920_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-93	E-01-03_091920_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-97	CJ-04_092020_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-98	CJ-04_092020_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-100	E-01-04_091920_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-102	ES-FP_091920_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-103	ES-FP_091920_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-104	ES-FP_091920_SED_030-036	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-105	L9-45_092020_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-106	L9-45_092020_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-107	L9-45_092020_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-108	OL-01_091920_SED_00-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-110	CJ-04_092020_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-112	W-61-HIGH_092020_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-113	W-61-HIGH_092020_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-114	W-61-HIGH_092020_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-115	W-61-LOW_092020_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-116	W-61-LOW_092020_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332233/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332233/58	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332233/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332233/59	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 332286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-20	OR-T1-C3_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-109	BO-04_092120_SED_00-02	Total/NA	Solid	EPA-Lloyd Kahn	

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-111	MM-T2-C3_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-117	W-61-LOW_092020_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-118	W-61-MID_092020_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-119	W-61-MID_092020_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-120	W-61-MID_092020_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-121	FRB-01_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-122	FRB-01_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-123	FRB-01_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-124	MM-T2-C3_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-125	MM-T2-C3_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-126	MM-T5-C3_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-127	MM-T5-C3_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-128	MM-T5-C3_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-129	W-17-HIGH_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-130	W-17-HIGH_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-131	W-17-HIGH_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-132	W-17-MID_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-133	MM-T1-C2_092120_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-134	MM-T1-C2_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-135	MM-T1-C2_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-136	W-17-MID_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-137	W-17-MID_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332286/4	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332286/60	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332286/5	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332286/61	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-20 MS	OR-T1-C3_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-20 MSD	OR-T1-C3_091620_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-124 MS	MM-T2-C3_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-124 MSD	MM-T2-C3_092120_SED_01-03	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-125 MS	MM-T2-C3_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-125 MSD	MM-T2-C3_092120_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 332397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-96	SVE-01_091820_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-99	E-01-04_091920_SED_00-01	Total/NA	Solid	EPA-Lloyd Kahn	
180-111287-101	E-01-04_091920_SED_03-05	Total/NA	Solid	EPA-Lloyd Kahn	
MB 180-332397/58	Method Blank	Total/NA	Solid	EPA-Lloyd Kahn	
LCS 180-332397/59	Lab Control Sample	Total/NA	Solid	EPA-Lloyd Kahn	

Analysis Batch: 332658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-1	ES-02_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-2	ES-02_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-3	ES-02_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-4	FRB-02_091520_SED_00-01	Total/NA	Solid	2540G	
180-111287-5	FRB-02_091520_SED_01-03	Total/NA	Solid	2540G	
180-111287-6	FRB-02_091520_SED_03-05	Total/NA	Solid	2540G	
180-111287-7	VN-02-04_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-8	VN-02-04_091620_SED_01-03	Total/NA	Solid	2540G	

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-9	VN-02-04_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-10	VN-MU3-GC-1_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-11	VN-MU3-GC-1_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-12	VN-MU3-GC-1_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-13	ADD-01_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-14	ADD-01_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-15	ADD-01_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-16	ADD-02_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-17	ADD-02_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-18	ADD-02_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-19	OR-T1-C3_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-2 DU	ES-02_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-11 DU	VN-MU3-GC-1_091620_SED_01-03	Total/NA	Solid	2540G	

Analysis Batch: 332661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-20	OR-T1-C3_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-21	OR-T1-C3_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-22	OR-T1-C5_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-23	OR-T1-C5_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-24	OR-T1-C5_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-20 DU	OR-T1-C3_091620_SED_01-03	Total/NA	Solid	2540G	

Analysis Batch: 332787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-25	BU-01-01_091720_SED_00-01	Total/NA	Solid	2540G	
180-111287-26	BU-01-01_091720_SED_00-01_DUP	Total/NA	Solid	2540G	
180-111287-27	BU-01-01_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-28	BU-01-01_091720_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-29	BU-01-01_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-30	BU-01-01_091720_SED_03-05_DUP	Total/NA	Solid	2540G	
180-111287-31	MMSW-C_091720_SED_00-01	Total/NA	Solid	2540G	
180-111287-32	MMSW-C_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-33	MMSW-C_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-34	OV-04_091620_SED_00-01	Total/NA	Solid	2540G	
180-111287-35	OV-04_091620_SED_01-03	Total/NA	Solid	2540G	
180-111287-36	OV-04_091620_SED_03-05	Total/NA	Solid	2540G	
180-111287-37	OB-01_091720_SED_00-01	Total/NA	Solid	2540G	
180-111287-38	OB-01_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-39	OB-01_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-40	OR-T1-C1_091720_SED_00-01	Total/NA	Solid	2540G	
180-111287-41	OR-T1-C1_091720_SED_00-01_DUP	Total/NA	Solid	2540G	
180-111287-42	OR-T1-C1_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-33 DU	MMSW-C_091720_SED_03-05	Total/NA	Solid	2540G	

Analysis Batch: 332788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-43	OR-T1-C1_091720_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-44	OR-T1-C1_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-45	PBR-28_091720_SED_00-01	Total/NA	Solid	2540G	
180-111287-46	W-17-N_091720_SED_00-01	Total/NA	Solid	2540G	

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-47	W-17-N_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-48	W-17-N_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-49	OR-T1-C1_091720_SED_03-05_DUP	Total/NA	Solid	2540G	
180-111287-50	OV-01_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-51	OV-01_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-52	OV-01_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-53	PBR-28_091720_SED_00-01_DUP	Total/NA	Solid	2540G	
180-111287-54	PBR-28_091720_SED_01-03	Total/NA	Solid	2540G	
180-111287-55	PBR-28_091720_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-56	PBR-28_091720_SED_03-05	Total/NA	Solid	2540G	
180-111287-57	PBR-28_091720_SED_03-05_DUP	Total/NA	Solid	2540G	
180-111287-58	W-22-MID_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-59	W-22-MID_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-60	W-22-MID_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-61	MM-T2-C1_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-62	MM-T2-C1_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-43 DU	OR-T1-C1_091720_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-53 DU	PBR-28_091720_SED_00-01_DUP	Total/NA	Solid	2540G	

Analysis Batch: 332789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-63	MM-T2-C1_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-64	MM-T5-C1_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-65	MM-T5-C1_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-66	MM-T5-C1_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-67	OB-05_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-68	OB-05_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-69	OB-05_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-70	W-17-INTERTIDAL_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-71	W-17-INTERTIDAL_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-72	W-17-INTERTIDAL_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-73	FF-08-02_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-74	FF-08-02_091820_SED_00-01_DUP	Total/NA	Solid	2540G	
180-111287-75	FF-08-02_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-76	FF-08-02_091820_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-77	FF-08-02_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-78	FF-08-02_091820_SED_03-05_DUP	Total/NA	Solid	2540G	
180-111287-79	W-17-LOW_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-80	W-17-LOW_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-81	W-17-LOW_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-82	W-61-INTERTIDAL_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-63 DU	MM-T2-C1_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-73 DU	FF-08-02_091820_SED_00-01	Total/NA	Solid	2540G	

Analysis Batch: 332791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-83	W-61-INTERTIDAL_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-84	W-61-INTERTIDAL_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-85	E-01-01_091920_SED_00-01	Total/NA	Solid	2540G	
180-111287-86	E-01-01_091920_SED_00-01_DUP	Total/NA	Solid	2540G	
180-111287-87	E-01-01_091920_SED_01-03	Total/NA	Solid	2540G	

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-88	E-01-01_091920_SED_01-03_DUP	Total/NA	Solid	2540G	
180-111287-89	E-01-01_091920_SED_03-05	Total/NA	Solid	2540G	
180-111287-90	E-01-01_091920_SED_03-05_DUP	Total/NA	Solid	2540G	
180-111287-91	E-01-03_091920_SED_00-01	Total/NA	Solid	2540G	
180-111287-92	E-01-03_091920_SED_01-03	Total/NA	Solid	2540G	
180-111287-93	E-01-03_091920_SED_03-05	Total/NA	Solid	2540G	
180-111287-94	SVE-01_091820_SED_00-01	Total/NA	Solid	2540G	
180-111287-95	SVE-01_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-96	SVE-01_091820_SED_03-05	Total/NA	Solid	2540G	
180-111287-97	CJ-04_092020_SED_00-01	Total/NA	Solid	2540G	
180-111287-98	CJ-04_092020_SED_01-03	Total/NA	Solid	2540G	
180-111287-99	E-01-04_091920_SED_00-01	Total/NA	Solid	2540G	
180-111287-100	E-01-04_091920_SED_01-03	Total/NA	Solid	2540G	
180-111287-101	E-01-04_091920_SED_03-05	Total/NA	Solid	2540G	
180-111287-102	ES-FP_091920_SED_00-01	Total/NA	Solid	2540G	
180-111287-83 DU	W-61-INTERTIDAL_091820_SED_01-03	Total/NA	Solid	2540G	
180-111287-93 DU	E-01-03_091920_SED_03-05	Total/NA	Solid	2540G	

Analysis Batch: 332793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-103	ES-FP_091920_SED_01-03	Total/NA	Solid	2540G	
180-111287-104	ES-FP_091920_SED_030-036	Total/NA	Solid	2540G	
180-111287-105	L9-45_092020_SED_00-01	Total/NA	Solid	2540G	
180-111287-106	L9-45_092020_SED_01-03	Total/NA	Solid	2540G	
180-111287-107	L9-45_092020_SED_03-05	Total/NA	Solid	2540G	
180-111287-108	OL-01_091920_SED_00-03	Total/NA	Solid	2540G	
180-111287-109	BO-04_092120_SED_00-02	Total/NA	Solid	2540G	
180-111287-110	CJ-04_092020_SED_03-05	Total/NA	Solid	2540G	
180-111287-111	MM-T2-C3_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-112	W-61-HIGH_092020_SED_00-01	Total/NA	Solid	2540G	
180-111287-113	W-61-HIGH_092020_SED_01-03	Total/NA	Solid	2540G	
180-111287-114	W-61-HIGH_092020_SED_03-05	Total/NA	Solid	2540G	
180-111287-115	W-61-LOW_092020_SED_00-01	Total/NA	Solid	2540G	
180-111287-116	W-61-LOW_092020_SED_01-03	Total/NA	Solid	2540G	
180-111287-117	W-61-LOW_092020_SED_03-05	Total/NA	Solid	2540G	
180-111287-118	W-61-MID_092020_SED_00-01	Total/NA	Solid	2540G	
180-111287-119	W-61-MID_092020_SED_01-03	Total/NA	Solid	2540G	
180-111287-120	W-61-MID_092020_SED_03-05	Total/NA	Solid	2540G	
180-111287-121	FRB-01_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-122	FRB-01_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-103 DU	ES-FP_091920_SED_01-03	Total/NA	Solid	2540G	
180-111287-113 DU	W-61-HIGH_092020_SED_01-03	Total/NA	Solid	2540G	

Analysis Batch: 332794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-123	FRB-01_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-124	MM-T2-C3_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-125	MM-T2-C3_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-126	MM-T5-C3_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-127	MM-T5-C3_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-128	MM-T5-C3_092120_SED_03-05	Total/NA	Solid	2540G	

QC Association Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

General Chemistry (Continued)

Analysis Batch: 332794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-111287-129	W-17-HIGH_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-130	W-17-HIGH_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-131	W-17-HIGH_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-132	W-17-MID_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-133	MM-T1-C2_092120_SED_00-01	Total/NA	Solid	2540G	
180-111287-134	MM-T1-C2_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-135	MM-T1-C2_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-136	W-17-MID_092120_SED_01-03	Total/NA	Solid	2540G	
180-111287-137	W-17-MID_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-123 DU	FRB-01_092120_SED_03-05	Total/NA	Solid	2540G	
180-111287-133 DU	MM-T1-C2_092120_SED_00-01	Total/NA	Solid	2540G	

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ES-02_091620_SED_00-01

Lab Sample ID: 180-111287-1

Date Collected: 09/16/20 10:18

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-02_091620_SED_00-01

Lab Sample ID: 180-111287-1

Date Collected: 09/16/20 10:18

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 36.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/28/20 23:04	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ES-02_091620_SED_01-03

Lab Sample ID: 180-111287-2

Date Collected: 09/16/20 10:19

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-02_091620_SED_01-03

Lab Sample ID: 180-111287-2

Date Collected: 09/16/20 10:19

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/28/20 23:32	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ES-02_091620_SED_03-05

Lab Sample ID: 180-111287-3

Date Collected: 09/16/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-02_091620_SED_03-05

Lab Sample ID: 180-111287-3

Date Collected: 09/16/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 46.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/28/20 23:49	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FRB-02_091520_SED_00-01

Lab Sample ID: 180-111287-4

Date Collected: 09/15/20 16:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-02_091520_SED_00-01

Lab Sample ID: 180-111287-4

Date Collected: 09/15/20 16:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 65.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 00:06	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FRB-02_091520_SED_01-03

Lab Sample ID: 180-111287-5

Date Collected: 09/15/20 16:05

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-02_091520_SED_01-03

Lab Sample ID: 180-111287-5

Date Collected: 09/15/20 16:05

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 60.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 00:22	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FRB-02_091520_SED_03-05

Lab Sample ID: 180-111287-6

Date Collected: 09/15/20 16:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-02_091520_SED_03-05

Lab Sample ID: 180-111287-6

Date Collected: 09/15/20 16:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 00:39	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: VN-02-04_091620_SED_00-01

Lab Sample ID: 180-111287-7

Date Collected: 09/16/20 09:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-02-04_091620_SED_00-01

Lab Sample ID: 180-111287-7

Date Collected: 09/16/20 09:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 30.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 00:56	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: VN-02-04_091620_SED_01-03

Lab Sample ID: 180-111287-8

Date Collected: 09/16/20 09:41

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-02-04_091620_SED_01-03

Lab Sample ID: 180-111287-8

Date Collected: 09/16/20 09:41

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 36.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 01:24	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: VN-02-04_091620_SED_03-05

Lab Sample ID: 180-111287-9

Date Collected: 09/16/20 09:42

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-02-04_091620_SED_03-05

Lab Sample ID: 180-111287-9

Date Collected: 09/16/20 09:42

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 01:41	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Lab Sample ID: 180-111287-10

Date Collected: 09/16/20 09:58

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Lab Sample ID: 180-111287-10

Date Collected: 09/16/20 09:58

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 01:57	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Lab Sample ID: 180-111287-11

Date Collected: 09/16/20 09:59

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Lab Sample ID: 180-111287-11

Date Collected: 09/16/20 09:59

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 47.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 02:14	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Lab Sample ID: 180-111287-12

Date Collected: 09/16/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Lab Sample ID: 180-111287-12

Date Collected: 09/16/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 44.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331573	09/29/20 02:31	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ADD-01_091620_SED_00-01

Lab Sample ID: 180-111287-13

Date Collected: 09/16/20 11:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-01_091620_SED_00-01

Lab Sample ID: 180-111287-13

Date Collected: 09/16/20 11:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 18:00	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ADD-01_091620_SED_01-03

Lab Sample ID: 180-111287-14

Date Collected: 09/16/20 11:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-01_091620_SED_01-03

Lab Sample ID: 180-111287-14

Date Collected: 09/16/20 11:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 18:17	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ADD-01_091620_SED_03-05

Lab Sample ID: 180-111287-15

Date Collected: 09/16/20 12:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-01_091620_SED_03-05

Lab Sample ID: 180-111287-15

Date Collected: 09/16/20 12:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 46.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 18:34	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ADD-02_091620_SED_00-01

Lab Sample ID: 180-111287-16

Date Collected: 09/16/20 14:05

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-02_091620_SED_00-01

Lab Sample ID: 180-111287-16

Date Collected: 09/16/20 14:05

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 54.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 18:50	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ADD-02_091620_SED_01-03

Lab Sample ID: 180-111287-17

Date Collected: 09/16/20 14:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-02_091620_SED_01-03

Lab Sample ID: 180-111287-17

Date Collected: 09/16/20 14:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 52.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 19:07	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ADD-02_091620_SED_03-05

Lab Sample ID: 180-111287-18

Date Collected: 09/16/20 14:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ADD-02_091620_SED_03-05

Lab Sample ID: 180-111287-18

Date Collected: 09/16/20 14:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 47.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 19:35	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C3_091620_SED_00-01

Lab Sample ID: 180-111287-19

Date Collected: 09/16/20 10:56

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332658	10/07/20 19:13	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C3_091620_SED_00-01

Lab Sample ID: 180-111287-19

Date Collected: 09/16/20 10:56

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 19:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C3_091620_SED_01-03

Lab Sample ID: 180-111287-20

Date Collected: 09/16/20 10:57

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332661	10/07/20 19:43	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C3_091620_SED_01-03

Lab Sample ID: 180-111287-20

Date Collected: 09/16/20 10:57

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	22.75 mg	22.75 mg	332286	10/04/20 13:11	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C3_091620_SED_03-05

Lab Sample ID: 180-111287-21

Date Collected: 09/16/20 10:58

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332661	10/07/20 19:43	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C3_091620_SED_03-05

Lab Sample ID: 180-111287-21

Date Collected: 09/16/20 10:58

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	20.5 mg	20.5 mg	332087	10/01/20 15:24	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C5_091620_SED_00-01

Lab Sample ID: 180-111287-22

Date Collected: 09/16/20 10:43

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332661	10/07/20 19:43	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C5_091620_SED_00-01

Lab Sample ID: 180-111287-22

Date Collected: 09/16/20 10:43

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 44.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 20:09	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C5_091620_SED_01-03

Lab Sample ID: 180-111287-23

Date Collected: 09/16/20 10:44

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332661	10/07/20 19:43	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C5_091620_SED_01-03

Lab Sample ID: 180-111287-23

Date Collected: 09/16/20 10:44

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 43.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 20:25	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C5_091620_SED_03-05

Lab Sample ID: 180-111287-24

Date Collected: 09/16/20 10:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332661	10/07/20 19:43	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C5_091620_SED_03-05

Lab Sample ID: 180-111287-24

Date Collected: 09/16/20 10:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 43.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 20:42	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: BU-01-01_091720_SED_00-01

Lab Sample ID: 180-111287-25

Date Collected: 09/17/20 15:21

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_00-01

Lab Sample ID: 180-111287-25

Date Collected: 09/17/20 15:21

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 15:50	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-26

Date Collected: 09/17/20 15:54

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-26

Date Collected: 09/17/20 15:54

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 37.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 16:18	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: BU-01-01_091720_SED_01-03

Lab Sample ID: 180-111287-27

Date Collected: 09/17/20 15:23

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_01-03

Lab Sample ID: 180-111287-27

Date Collected: 09/17/20 15:23

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 16:35	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-28

Date Collected: 09/17/20 15:56

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-28

Date Collected: 09/17/20 15:56

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 43.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 16:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: BU-01-01_091720_SED_03-05

Lab Sample ID: 180-111287-29

Date Collected: 09/17/20 15:25

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_03-05

Lab Sample ID: 180-111287-29

Date Collected: 09/17/20 15:25

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 17:08	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-30

Date Collected: 09/17/20 15:58

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-30

Date Collected: 09/17/20 15:58

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 37.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 17:25	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MMSW-C_091720_SED_00-01

Lab Sample ID: 180-111287-31

Date Collected: 09/17/20 10:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MMSW-C_091720_SED_00-01

Lab Sample ID: 180-111287-31

Date Collected: 09/17/20 10:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 28.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 17:42	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MMSW-C_091720_SED_01-03

Lab Sample ID: 180-111287-32

Date Collected: 09/17/20 10:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MMSW-C_091720_SED_01-03

Lab Sample ID: 180-111287-32

Date Collected: 09/17/20 10:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 28.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 18:41	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MMSW-C_091720_SED_03-05

Lab Sample ID: 180-111287-33

Date Collected: 09/17/20 10:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MMSW-C_091720_SED_03-05

Lab Sample ID: 180-111287-33

Date Collected: 09/17/20 10:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 26.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 18:58	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OV-04_091620_SED_00-01

Lab Sample ID: 180-111287-34

Date Collected: 09/16/20 16:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-04_091620_SED_00-01

Lab Sample ID: 180-111287-34

Date Collected: 09/16/20 16:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 70.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 21:32	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OV-04_091620_SED_01-03

Lab Sample ID: 180-111287-35

Date Collected: 09/16/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-04_091620_SED_01-03

Lab Sample ID: 180-111287-35

Date Collected: 09/16/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 21:49	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OV-04_091620_SED_03-05

Lab Sample ID: 180-111287-36

Date Collected: 09/16/20 17:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-04_091620_SED_03-05

Lab Sample ID: 180-111287-36

Date Collected: 09/16/20 17:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331767	09/29/20 22:06	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OB-01_091720_SED_00-01

Lab Sample ID: 180-111287-37

Date Collected: 09/17/20 16:25

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-01_091720_SED_00-01

Lab Sample ID: 180-111287-37

Date Collected: 09/17/20 16:25

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 29.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 19:15	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OB-01_091720_SED_01-03

Lab Sample ID: 180-111287-38

Date Collected: 09/17/20 16:27

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-01_091720_SED_01-03

Lab Sample ID: 180-111287-38

Date Collected: 09/17/20 16:27

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	23.3 mg	23.3 mg	331942	09/30/20 19:31	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OB-01_091720_SED_03-05

Lab Sample ID: 180-111287-39

Date Collected: 09/17/20 16:29

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-01_091720_SED_03-05

Lab Sample ID: 180-111287-39

Date Collected: 09/17/20 16:29

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	22.5 mg	22.5 mg	331942	09/30/20 22:47	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C1_091720_SED_00-01

Lab Sample ID: 180-111287-40

Date Collected: 09/17/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_00-01

Lab Sample ID: 180-111287-40

Date Collected: 09/17/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 20:33	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-41

Date Collected: 09/17/20 17:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-41

Date Collected: 09/17/20 17:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 20:50	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C1_091720_SED_01-03

Lab Sample ID: 180-111287-42

Date Collected: 09/17/20 17:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332787	10/08/20 20:46	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_01-03

Lab Sample ID: 180-111287-42

Date Collected: 09/17/20 17:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 21:06	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-43

Date Collected: 09/17/20 17:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-43

Date Collected: 09/17/20 17:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 21:23	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OR-T1-C1_091720_SED_03-05

Lab Sample ID: 180-111287-44

Date Collected: 09/17/20 17:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_03-05

Lab Sample ID: 180-111287-44

Date Collected: 09/17/20 17:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 21:40	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: PBR-28_091720_SED_00-01

Lab Sample ID: 180-111287-45

Date Collected: 09/17/20 17:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_00-01

Lab Sample ID: 180-111287-45

Date Collected: 09/17/20 17:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 32.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 21:57	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-17-N_091720_SED_00-01

Lab Sample ID: 180-111287-46

Date Collected: 09/17/20 16:56

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-N_091720_SED_00-01

Lab Sample ID: 180-111287-46

Date Collected: 09/17/20 16:56

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 24.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 23:37	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-N_091720_SED_01-03

Lab Sample ID: 180-111287-47

Date Collected: 09/17/20 16:58

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-N_091720_SED_01-03

Lab Sample ID: 180-111287-47

Date Collected: 09/17/20 16:58

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	09/30/20 23:54	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-N_091720_SED_03-05

Lab Sample ID: 180-111287-48

Date Collected: 09/17/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-N_091720_SED_03-05

Lab Sample ID: 180-111287-48

Date Collected: 09/17/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 00:22	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-49

Date Collected: 09/17/20 17:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-49

Date Collected: 09/17/20 17:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 00:38	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OV-01_091820_SED_00-01

Lab Sample ID: 180-111287-50

Date Collected: 09/18/20 10:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-01_091820_SED_00-01

Lab Sample ID: 180-111287-50

Date Collected: 09/18/20 10:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 94.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 00:55	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OV-01_091820_SED_01-03

Lab Sample ID: 180-111287-51

Date Collected: 09/18/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-01_091820_SED_01-03

Lab Sample ID: 180-111287-51

Date Collected: 09/18/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 92.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 01:12	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OV-01_091820_SED_03-05

Lab Sample ID: 180-111287-52

Date Collected: 09/18/20 10:25

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OV-01_091820_SED_03-05

Lab Sample ID: 180-111287-52

Date Collected: 09/18/20 10:25

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 92.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 16:25	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-53

Date Collected: 09/17/20 18:25

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-53

Date Collected: 09/17/20 18:25

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 01:29	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: PBR-28_091720_SED_01-03

Lab Sample ID: 180-111287-54

Date Collected: 09/17/20 18:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_01-03

Lab Sample ID: 180-111287-54

Date Collected: 09/17/20 18:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 46.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 01:45	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-55

Date Collected: 09/17/20 18:35

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-55

Date Collected: 09/17/20 18:35

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 02:13	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: PBR-28_091720_SED_03-05

Lab Sample ID: 180-111287-56

Date Collected: 09/17/20 18:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_03-05

Lab Sample ID: 180-111287-56

Date Collected: 09/17/20 18:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 44.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 02:30	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-57

Date Collected: 09/17/20 18:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-57

Date Collected: 09/17/20 18:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 45.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			331942	10/01/20 02:47	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-22-MID_091820_SED_00-01

Lab Sample ID: 180-111287-58

Date Collected: 09/18/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-22-MID_091820_SED_00-01

Lab Sample ID: 180-111287-58

Date Collected: 09/18/20 10:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 16:42	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-22-MID_091820_SED_01-03

Lab Sample ID: 180-111287-59

Date Collected: 09/18/20 10:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-22-MID_091820_SED_01-03

Lab Sample ID: 180-111287-59

Date Collected: 09/18/20 10:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 16:59	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-22-MID_091820_SED_03-05

Lab Sample ID: 180-111287-60

Date Collected: 09/18/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-22-MID_091820_SED_03-05

Lab Sample ID: 180-111287-60

Date Collected: 09/18/20 10:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 17:16	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T2-C1_091820_SED_00-01

Lab Sample ID: 180-111287-61

Date Collected: 09/18/20 12:35

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C1_091820_SED_00-01

Lab Sample ID: 180-111287-61

Date Collected: 09/18/20 12:35

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 17.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 17:32	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T2-C1_091820_SED_01-03

Lab Sample ID: 180-111287-62

Date Collected: 09/18/20 12:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332788	10/08/20 21:08	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C1_091820_SED_01-03

Lab Sample ID: 180-111287-62

Date Collected: 09/18/20 12:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 18.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 18:24	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T2-C1_091820_SED_03-05

Lab Sample ID: 180-111287-63

Date Collected: 09/18/20 12:55

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C1_091820_SED_03-05

Lab Sample ID: 180-111287-63

Date Collected: 09/18/20 12:55

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 18.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 18:40	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T5-C1_091820_SED_00-01

Lab Sample ID: 180-111287-64

Date Collected: 09/18/20 13:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C1_091820_SED_00-01

Lab Sample ID: 180-111287-64

Date Collected: 09/18/20 13:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 27.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 18:57	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T5-C1_091820_SED_01-03

Lab Sample ID: 180-111287-65

Date Collected: 09/18/20 13:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C1_091820_SED_01-03

Lab Sample ID: 180-111287-65

Date Collected: 09/18/20 13:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 25.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 19:14	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T5-C1_091820_SED_03-05

Lab Sample ID: 180-111287-66

Date Collected: 09/18/20 13:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C1_091820_SED_03-05

Lab Sample ID: 180-111287-66

Date Collected: 09/18/20 13:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 23.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 19:31	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: OB-05_091820_SED_00-01

Lab Sample ID: 180-111287-67

Date Collected: 09/18/20 15:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-05_091820_SED_00-01

Lab Sample ID: 180-111287-67

Date Collected: 09/18/20 15:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 38.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 19:47	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OB-05_091820_SED_01-03

Lab Sample ID: 180-111287-68

Date Collected: 09/18/20 15:42

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-05_091820_SED_01-03

Lab Sample ID: 180-111287-68

Date Collected: 09/18/20 15:42

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 35.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	22.1 mg	22.1 mg	332087	10/01/20 22:29	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OB-05_091820_SED_03-05

Lab Sample ID: 180-111287-69

Date Collected: 09/18/20 15:44

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OB-05_091820_SED_03-05

Lab Sample ID: 180-111287-69

Date Collected: 09/18/20 15:44

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 37.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 20:15	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-70

Date Collected: 09/18/20 16:06

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-70

Date Collected: 09/18/20 16:06

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 49.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 20:32	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-71

Date Collected: 09/18/20 16:08

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-71

Date Collected: 09/18/20 16:08

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 49.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 20:49	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-72

Date Collected: 09/18/20 16:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-72

Date Collected: 09/18/20 16:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 51.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 21:06	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FF-08-02_091820_SED_00-01

Lab Sample ID: 180-111287-73

Date Collected: 09/18/20 16:24

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_00-01

Lab Sample ID: 180-111287-73

Date Collected: 09/18/20 16:24

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 38.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 21:22	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Lab Sample ID: 180-111287-74

Date Collected: 09/18/20 17:06

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Lab Sample ID: 180-111287-74

Date Collected: 09/18/20 17:06

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 36.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 21:39	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FF-08-02_091820_SED_01-03

Lab Sample ID: 180-111287-75

Date Collected: 09/18/20 16:26

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_01-03

Lab Sample ID: 180-111287-75

Date Collected: 09/18/20 16:26

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 23:20	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Lab Sample ID: 180-111287-76

Date Collected: 09/18/20 17:08

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Lab Sample ID: 180-111287-76

Date Collected: 09/18/20 17:08

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 44.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/01/20 23:36	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FF-08-02_091820_SED_03-05

Lab Sample ID: 180-111287-77

Date Collected: 09/18/20 16:28

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_03-05

Lab Sample ID: 180-111287-77

Date Collected: 09/18/20 16:28

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 46.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 00:04	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Lab Sample ID: 180-111287-78

Date Collected: 09/18/20 17:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Lab Sample ID: 180-111287-78

Date Collected: 09/18/20 17:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 45.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 00:21	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-17-LOW_091820_SED_00-01

Lab Sample ID: 180-111287-79

Date Collected: 09/18/20 17:33

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-LOW_091820_SED_00-01

Lab Sample ID: 180-111287-79

Date Collected: 09/18/20 17:33

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 35.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 00:38	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-LOW_091820_SED_01-03

Lab Sample ID: 180-111287-80

Date Collected: 09/18/20 17:35

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-LOW_091820_SED_01-03

Lab Sample ID: 180-111287-80

Date Collected: 09/18/20 17:35

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 00:54	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-LOW_091820_SED_03-05

Lab Sample ID: 180-111287-81

Date Collected: 09/18/20 17:37

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-LOW_091820_SED_03-05

Lab Sample ID: 180-111287-81

Date Collected: 09/18/20 17:37

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 01:11	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-82

Date Collected: 09/18/20 18:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332789	10/08/20 21:24	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-82

Date Collected: 09/18/20 18:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 01:28	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-83

Date Collected: 09/18/20 18:22

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-83

Date Collected: 09/18/20 18:22

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 01:56	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-84

Date Collected: 09/18/20 18:24

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-84

Date Collected: 09/18/20 18:24

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 45.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 02:13	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: E-01-01_091920_SED_00-01

Lab Sample ID: 180-111287-85

Date Collected: 09/19/20 13:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_00-01

Lab Sample ID: 180-111287-85

Date Collected: 09/19/20 13:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 22.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 15:57	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Lab Sample ID: 180-111287-86

Date Collected: 09/19/20 14:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Lab Sample ID: 180-111287-86

Date Collected: 09/19/20 14:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 16:14	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-01_091920_SED_01-03

Lab Sample ID: 180-111287-87

Date Collected: 09/19/20 13:43

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_01-03

Lab Sample ID: 180-111287-87

Date Collected: 09/19/20 13:43

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 31.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 16:56	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Lab Sample ID: 180-111287-88

Date Collected: 09/19/20 14:47

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Lab Sample ID: 180-111287-88

Date Collected: 09/19/20 14:47

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 30.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 17:13	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-01_091920_SED_03-05

Lab Sample ID: 180-111287-89

Date Collected: 09/19/20 13:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_03-05

Lab Sample ID: 180-111287-89

Date Collected: 09/19/20 13:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 35.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 17:30	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Lab Sample ID: 180-111287-90

Date Collected: 09/19/20 14:49

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Lab Sample ID: 180-111287-90

Date Collected: 09/19/20 14:49

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 34.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 17:46	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: E-01-03_091920_SED_00-01

Lab Sample ID: 180-111287-91

Date Collected: 09/19/20 15:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-03_091920_SED_00-01

Lab Sample ID: 180-111287-91

Date Collected: 09/19/20 15:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 32.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 18:03	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-03_091920_SED_01-03

Lab Sample ID: 180-111287-92

Date Collected: 09/19/20 15:17

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-03_091920_SED_01-03

Lab Sample ID: 180-111287-92

Date Collected: 09/19/20 15:17

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 18:20	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-03_091920_SED_03-05

Lab Sample ID: 180-111287-93

Date Collected: 09/19/20 15:19

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-03_091920_SED_03-05

Lab Sample ID: 180-111287-93

Date Collected: 09/19/20 15:19

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 41.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 18:48	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: SVE-01_091820_SED_00-01

Lab Sample ID: 180-111287-94

Date Collected: 09/18/20 18:42

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SVE-01_091820_SED_00-01

Lab Sample ID: 180-111287-94

Date Collected: 09/18/20 18:42

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 53.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 02:29	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: SVE-01_091820_SED_01-03

Lab Sample ID: 180-111287-95

Date Collected: 09/18/20 18:44

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SVE-01_091820_SED_01-03

Lab Sample ID: 180-111287-95

Date Collected: 09/18/20 18:44

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 43.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332087	10/02/20 02:46	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: SVE-01_091820_SED_03-05

Lab Sample ID: 180-111287-96

Date Collected: 09/18/20 18:46

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: SVE-01_091820_SED_03-05

Lab Sample ID: 180-111287-96

Date Collected: 09/18/20 18:46

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 50.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332397	10/06/20 01:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: CJ-04_092020_SED_00-01

Lab Sample ID: 180-111287-97

Date Collected: 09/20/20 12:35

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: CJ-04_092020_SED_00-01

Lab Sample ID: 180-111287-97

Date Collected: 09/20/20 12:35

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 32.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 19:04	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: CJ-04_092020_SED_01-03

Lab Sample ID: 180-111287-98

Date Collected: 09/20/20 12:37

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: CJ-04_092020_SED_01-03

Lab Sample ID: 180-111287-98

Date Collected: 09/20/20 12:37

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 37.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 19:21	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-04_091920_SED_00-01

Lab Sample ID: 180-111287-99

Date Collected: 09/19/20 15:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-04_091920_SED_00-01

Lab Sample ID: 180-111287-99

Date Collected: 09/19/20 15:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 53.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332397	10/06/20 02:08	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: E-01-04_091920_SED_01-03

Lab Sample ID: 180-111287-100

Date Collected: 09/19/20 15:52

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-04_091920_SED_01-03

Lab Sample ID: 180-111287-100

Date Collected: 09/19/20 15:52

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 51.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 19:55	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: E-01-04_091920_SED_03-05

Lab Sample ID: 180-111287-101

Date Collected: 09/19/20 15:54

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: E-01-04_091920_SED_03-05

Lab Sample ID: 180-111287-101

Date Collected: 09/19/20 15:54

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 61.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332397	10/06/20 02:25	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ES-FP_091920_SED_00-01

Lab Sample ID: 180-111287-102

Date Collected: 09/19/20 16:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332791	10/08/20 21:45	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-FP_091920_SED_00-01

Lab Sample ID: 180-111287-102

Date Collected: 09/19/20 16:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 47.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 21:35	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: ES-FP_091920_SED_01-03

Lab Sample ID: 180-111287-103

Date Collected: 09/19/20 16:32

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-FP_091920_SED_01-03

Lab Sample ID: 180-111287-103

Date Collected: 09/19/20 16:32

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 44.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 21:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: ES-FP_091920_SED_030-036

Lab Sample ID: 180-111287-104

Date Collected: 09/19/20 16:34

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: ES-FP_091920_SED_030-036

Lab Sample ID: 180-111287-104

Date Collected: 09/19/20 16:34

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 43.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 22:20	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: L9-45_092020_SED_00-01

Lab Sample ID: 180-111287-105

Date Collected: 09/20/20 12:02

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: L9-45_092020_SED_00-01

Lab Sample ID: 180-111287-105

Date Collected: 09/20/20 12:02

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 37.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 22:37	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: L9-45_092020_SED_01-03

Lab Sample ID: 180-111287-106

Date Collected: 09/20/20 12:04

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: L9-45_092020_SED_01-03

Lab Sample ID: 180-111287-106

Date Collected: 09/20/20 12:04

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 22:53	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: L9-45_092020_SED_03-05

Lab Sample ID: 180-111287-107

Date Collected: 09/20/20 12:06

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: L9-45_092020_SED_03-05

Lab Sample ID: 180-111287-107

Date Collected: 09/20/20 12:06

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 39.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 23:10	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: OL-01_091920_SED_00-03

Lab Sample ID: 180-111287-108

Date Collected: 09/19/20 16:54

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: OL-01_091920_SED_00-03

Lab Sample ID: 180-111287-108

Date Collected: 09/19/20 16:54

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 23:27	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: BO-04_092120_SED_00-02

Lab Sample ID: 180-111287-109

Date Collected: 09/21/20 11:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: BO-04_092120_SED_00-02

Lab Sample ID: 180-111287-109

Date Collected: 09/21/20 11:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 24.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 14:01	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: CJ-04_092020_SED_03-05

Lab Sample ID: 180-111287-110

Date Collected: 09/20/20 12:39

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: CJ-04_092020_SED_03-05

Lab Sample ID: 180-111287-110

Date Collected: 09/20/20 12:39

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/02/20 23:44	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T2-C3_092120_SED_00-01

Lab Sample ID: 180-111287-111

Date Collected: 09/21/20 11:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C3_092120_SED_00-01

Lab Sample ID: 180-111287-111

Date Collected: 09/21/20 11:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 45.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 14:18	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-61-HIGH_092020_SED_00-01

Lab Sample ID: 180-111287-112

Date Collected: 09/20/20 18:15

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-HIGH_092020_SED_00-01

Lab Sample ID: 180-111287-112

Date Collected: 09/20/20 18:15

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 15.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/03/20 00:11	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-HIGH_092020_SED_01-03

Lab Sample ID: 180-111287-113

Date Collected: 09/20/20 18:17

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-HIGH_092020_SED_01-03

Lab Sample ID: 180-111287-113

Date Collected: 09/20/20 18:17

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 26.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/03/20 00:28	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-HIGH_092020_SED_03-05

Lab Sample ID: 180-111287-114

Date Collected: 09/20/20 18:19

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-HIGH_092020_SED_03-05

Lab Sample ID: 180-111287-114

Date Collected: 09/20/20 18:19

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 65.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/03/20 00:45	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-61-LOW_092020_SED_00-01

Lab Sample ID: 180-111287-115

Date Collected: 09/20/20 16:55

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-LOW_092020_SED_00-01

Lab Sample ID: 180-111287-115

Date Collected: 09/20/20 16:55

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 31.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/03/20 01:02	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-LOW_092020_SED_01-03

Lab Sample ID: 180-111287-116

Date Collected: 09/20/20 16:57

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-LOW_092020_SED_01-03

Lab Sample ID: 180-111287-116

Date Collected: 09/20/20 16:57

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 36.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332233	10/03/20 01:18	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-LOW_092020_SED_03-05

Lab Sample ID: 180-111287-117

Date Collected: 09/20/20 16:59

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-LOW_092020_SED_03-05

Lab Sample ID: 180-111287-117

Date Collected: 09/20/20 16:59

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 30.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 14:45	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-61-MID_092020_SED_00-01

Lab Sample ID: 180-111287-118

Date Collected: 09/20/20 17:34

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-MID_092020_SED_00-01

Lab Sample ID: 180-111287-118

Date Collected: 09/20/20 17:34

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 32.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 15:02	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-MID_092020_SED_01-03

Lab Sample ID: 180-111287-119

Date Collected: 09/20/20 17:36

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-MID_092020_SED_01-03

Lab Sample ID: 180-111287-119

Date Collected: 09/20/20 17:36

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 35.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 15:19	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-61-MID_092020_SED_03-05

Lab Sample ID: 180-111287-120

Date Collected: 09/20/20 17:38

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-61-MID_092020_SED_03-05

Lab Sample ID: 180-111287-120

Date Collected: 09/20/20 17:38

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 51.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 15:36	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: FRB-01_092120_SED_00-01

Lab Sample ID: 180-111287-121

Date Collected: 09/21/20 14:52

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-01_092120_SED_00-01

Lab Sample ID: 180-111287-121

Date Collected: 09/21/20 14:52

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 15:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FRB-01_092120_SED_01-03

Lab Sample ID: 180-111287-122

Date Collected: 09/21/20 14:54

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332793	10/08/20 21:54	TAM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-01_092120_SED_01-03

Lab Sample ID: 180-111287-122

Date Collected: 09/21/20 14:54

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 38.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 16:09	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: FRB-01_092120_SED_03-05

Lab Sample ID: 180-111287-123

Date Collected: 09/21/20 14:56

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FRB-01_092120_SED_03-05

Lab Sample ID: 180-111287-123

Date Collected: 09/21/20 14:56

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 48.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 16:54	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T2-C3_092120_SED_01-03

Lab Sample ID: 180-111287-124

Date Collected: 09/21/20 12:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C3_092120_SED_01-03

Lab Sample ID: 180-111287-124

Date Collected: 09/21/20 12:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 40.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	18.2 mg	18.2 mg	332286	10/04/20 17:11	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T2-C3_092120_SED_03-05

Lab Sample ID: 180-111287-125

Date Collected: 09/21/20 12:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T2-C3_092120_SED_03-05

Lab Sample ID: 180-111287-125

Date Collected: 09/21/20 12:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 42.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1	17.3 mg	17.3 mg	332286	10/04/20 20:59	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T5-C3_092120_SED_00-01

Lab Sample ID: 180-111287-126

Date Collected: 09/21/20 13:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C3_092120_SED_00-01

Lab Sample ID: 180-111287-126

Date Collected: 09/21/20 13:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 29.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 18:01	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T5-C3_092120_SED_01-03

Lab Sample ID: 180-111287-127

Date Collected: 09/21/20 13:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C3_092120_SED_01-03

Lab Sample ID: 180-111287-127

Date Collected: 09/21/20 13:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 26.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 18:18	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T5-C3_092120_SED_03-05

Lab Sample ID: 180-111287-128

Date Collected: 09/21/20 13:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T5-C3_092120_SED_03-05

Lab Sample ID: 180-111287-128

Date Collected: 09/21/20 13:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 29.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 18:45	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-HIGH_092120_SED_00-01

Lab Sample ID: 180-111287-129

Date Collected: 09/21/20 14:35

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-HIGH_092120_SED_00-01

Lab Sample ID: 180-111287-129

Date Collected: 09/21/20 14:35

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 24.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 19:02	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-17-HIGH_092120_SED_01-03

Lab Sample ID: 180-111287-130

Date Collected: 09/21/20 14:45

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-HIGH_092120_SED_01-03

Lab Sample ID: 180-111287-130

Date Collected: 09/21/20 14:45

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 19:19	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-HIGH_092120_SED_03-05

Lab Sample ID: 180-111287-131

Date Collected: 09/21/20 14:55

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-HIGH_092120_SED_03-05

Lab Sample ID: 180-111287-131

Date Collected: 09/21/20 14:55

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 25.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 19:36	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-MID_092120_SED_00-01

Lab Sample ID: 180-111287-132

Date Collected: 09/21/20 15:10

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-MID_092120_SED_00-01

Lab Sample ID: 180-111287-132

Date Collected: 09/21/20 15:10

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 27.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 19:52	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: MM-T1-C2_092120_SED_00-01

Lab Sample ID: 180-111287-133

Date Collected: 09/21/20 16:40

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T1-C2_092120_SED_00-01

Lab Sample ID: 180-111287-133

Date Collected: 09/21/20 16:40

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 27.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 20:09	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T1-C2_092120_SED_01-03

Lab Sample ID: 180-111287-134

Date Collected: 09/21/20 16:50

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T1-C2_092120_SED_01-03

Lab Sample ID: 180-111287-134

Date Collected: 09/21/20 16:50

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 32.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 21:50	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: MM-T1-C2_092120_SED_03-05

Lab Sample ID: 180-111287-135

Date Collected: 09/21/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: MM-T1-C2_092120_SED_03-05

Lab Sample ID: 180-111287-135

Date Collected: 09/21/20 17:00

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 33.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 22:06	DLF	TAL PIT
Instrument ID: FLASHEA										

Lab Chronicle

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Client Sample ID: W-17-MID_092120_SED_01-03

Lab Sample ID: 180-111287-136

Date Collected: 09/21/20 15:20

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-MID_092120_SED_01-03

Lab Sample ID: 180-111287-136

Date Collected: 09/21/20 15:20

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 21.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 22:34	DLF	TAL PIT
Instrument ID: FLASHEA										

Client Sample ID: W-17-MID_092120_SED_03-05

Lab Sample ID: 180-111287-137

Date Collected: 09/21/20 15:30

Matrix: Solid

Date Received: 09/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540G		1			332794	10/08/20 22:03	PMH	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: W-17-MID_092120_SED_03-05

Lab Sample ID: 180-111287-137

Date Collected: 09/21/20 15:30

Matrix: Solid

Date Received: 09/23/20 08:00

Percent Solids: 24.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA-Lloyd Kahn		1			332286	10/04/20 22:51	DLF	TAL PIT
Instrument ID: FLASHEA										

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Analysis

DLF = Donald Ferguson

PMH = Paloma Hoelzle

TAM = Tessa Mastalski

Accreditation/Certification Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
Maine	State	PA00164	03-06-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

<u>Analysis Method</u>	<u>Prep Method</u>	<u>Matrix</u>	<u>Analyte</u>
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids
EPA-Lloyd Kahn		Solid	Total Organic Carbon - Duplicates

Method Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Method	Method Description	Protocol	Laboratory
2540G	SM 2540G	SM22	TAL PIT
EPA-Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	TAL PIT

Protocol References:

EPA = US Environmental Protection Agency

SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Sample Summary

Client: Wood E&I Solutions Inc
 Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-111287-1	ES-02_091620_SED_00-01	Solid	09/16/20 10:18	09/23/20 08:00	
180-111287-2	ES-02_091620_SED_01-03	Solid	09/16/20 10:19	09/23/20 08:00	
180-111287-3	ES-02_091620_SED_03-05	Solid	09/16/20 10:20	09/23/20 08:00	
180-111287-4	FRB-02_091520_SED_00-01	Solid	09/15/20 16:00	09/23/20 08:00	
180-111287-5	FRB-02_091520_SED_01-03	Solid	09/15/20 16:05	09/23/20 08:00	
180-111287-6	FRB-02_091520_SED_03-05	Solid	09/15/20 16:10	09/23/20 08:00	
180-111287-7	VN-02-04_091620_SED_00-01	Solid	09/16/20 09:40	09/23/20 08:00	
180-111287-8	VN-02-04_091620_SED_01-03	Solid	09/16/20 09:41	09/23/20 08:00	
180-111287-9	VN-02-04_091620_SED_03-05	Solid	09/16/20 09:42	09/23/20 08:00	
180-111287-10	VN-MU3-GC-1_091620_SED_00-01	Solid	09/16/20 09:58	09/23/20 08:00	
180-111287-11	VN-MU3-GC-1_091620_SED_01-03	Solid	09/16/20 09:59	09/23/20 08:00	
180-111287-12	VN-MU3-GC-1_091620_SED_03-05	Solid	09/16/20 10:00	09/23/20 08:00	
180-111287-13	ADD-01_091620_SED_00-01	Solid	09/16/20 11:45	09/23/20 08:00	
180-111287-14	ADD-01_091620_SED_01-03	Solid	09/16/20 11:50	09/23/20 08:00	
180-111287-15	ADD-01_091620_SED_03-05	Solid	09/16/20 12:00	09/23/20 08:00	
180-111287-16	ADD-02_091620_SED_00-01	Solid	09/16/20 14:05	09/23/20 08:00	
180-111287-17	ADD-02_091620_SED_01-03	Solid	09/16/20 14:20	09/23/20 08:00	
180-111287-18	ADD-02_091620_SED_03-05	Solid	09/16/20 14:30	09/23/20 08:00	
180-111287-19	OR-T1-C3_091620_SED_00-01	Solid	09/16/20 10:56	09/23/20 08:00	
180-111287-20	OR-T1-C3_091620_SED_01-03	Solid	09/16/20 10:57	09/23/20 08:00	
180-111287-21	OR-T1-C3_091620_SED_03-05	Solid	09/16/20 10:58	09/23/20 08:00	
180-111287-22	OR-T1-C5_091620_SED_00-01	Solid	09/16/20 10:43	09/23/20 08:00	
180-111287-23	OR-T1-C5_091620_SED_01-03	Solid	09/16/20 10:44	09/23/20 08:00	
180-111287-24	OR-T1-C5_091620_SED_03-05	Solid	09/16/20 10:45	09/23/20 08:00	
180-111287-25	BU-01-01_091720_SED_00-01	Solid	09/17/20 15:21	09/23/20 08:00	
180-111287-26	BU-01-01_091720_SED_00-01_DUP	Solid	09/17/20 15:54	09/23/20 08:00	
180-111287-27	BU-01-01_091720_SED_01-03	Solid	09/17/20 15:23	09/23/20 08:00	
180-111287-28	BU-01-01_091720_SED_01-03_DUP	Solid	09/17/20 15:56	09/23/20 08:00	
180-111287-29	BU-01-01_091720_SED_03-05	Solid	09/17/20 15:25	09/23/20 08:00	
180-111287-30	BU-01-01_091720_SED_03-05_DUP	Solid	09/17/20 15:58	09/23/20 08:00	
180-111287-31	MMSW-C_091720_SED_00-01	Solid	09/17/20 10:30	09/23/20 08:00	
180-111287-32	MMSW-C_091720_SED_01-03	Solid	09/17/20 10:40	09/23/20 08:00	
180-111287-33	MMSW-C_091720_SED_03-05	Solid	09/17/20 10:50	09/23/20 08:00	
180-111287-34	OV-04_091620_SED_00-01	Solid	09/16/20 16:45	09/23/20 08:00	
180-111287-35	OV-04_091620_SED_01-03	Solid	09/16/20 17:00	09/23/20 08:00	
180-111287-36	OV-04_091620_SED_03-05	Solid	09/16/20 17:15	09/23/20 08:00	
180-111287-37	OB-01_091720_SED_00-01	Solid	09/17/20 16:25	09/23/20 08:00	
180-111287-38	OB-01_091720_SED_01-03	Solid	09/17/20 16:27	09/23/20 08:00	
180-111287-39	OB-01_091720_SED_03-05	Solid	09/17/20 16:29	09/23/20 08:00	
180-111287-40	OR-T1-C1_091720_SED_00-01	Solid	09/17/20 17:00	09/23/20 08:00	
180-111287-41	OR-T1-C1_091720_SED_00-01_DUP	Solid	09/17/20 17:40	09/23/20 08:00	
180-111287-42	OR-T1-C1_091720_SED_01-03	Solid	09/17/20 17:15	09/23/20 08:00	
180-111287-43	OR-T1-C1_091720_SED_01-03_DUP	Solid	09/17/20 17:45	09/23/20 08:00	
180-111287-44	OR-T1-C1_091720_SED_03-05	Solid	09/17/20 17:30	09/23/20 08:00	
180-111287-45	PBR-28_091720_SED_00-01	Solid	09/17/20 17:45	09/23/20 08:00	
180-111287-46	W-17-N_091720_SED_00-01	Solid	09/17/20 16:56	09/23/20 08:00	
180-111287-47	W-17-N_091720_SED_01-03	Solid	09/17/20 16:58	09/23/20 08:00	
180-111287-48	W-17-N_091720_SED_03-05	Solid	09/17/20 17:00	09/23/20 08:00	
180-111287-49	OR-T1-C1_091720_SED_03-05_DUP	Solid	09/17/20 17:50	09/23/20 08:00	
180-111287-50	OV-01_091820_SED_00-01	Solid	09/18/20 10:15	09/23/20 08:00	
180-111287-51	OV-01_091820_SED_01-03	Solid	09/18/20 10:20	09/23/20 08:00	
180-111287-52	OV-01_091820_SED_03-05	Solid	09/18/20 10:25	09/23/20 08:00	
180-111287-53	PBR-28_091720_SED_00-01_DUP	Solid	09/17/20 18:25	09/23/20 08:00	

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-111287-54	PBR-28_091720_SED_01-03	Solid	09/17/20 18:00	09/23/20 08:00	
180-111287-55	PBR-28_091720_SED_01-03_DUP	Solid	09/17/20 18:35	09/23/20 08:00	
180-111287-56	PBR-28_091720_SED_03-05	Solid	09/17/20 18:15	09/23/20 08:00	
180-111287-57	PBR-28_091720_SED_03-05_DUP	Solid	09/17/20 18:45	09/23/20 08:00	
180-111287-58	W-22-MID_091820_SED_00-01	Solid	09/18/20 10:00	09/23/20 08:00	
180-111287-59	W-22-MID_091820_SED_01-03	Solid	09/18/20 10:10	09/23/20 08:00	
180-111287-60	W-22-MID_091820_SED_03-05	Solid	09/18/20 10:20	09/23/20 08:00	
180-111287-61	MM-T2-C1_091820_SED_00-01	Solid	09/18/20 12:35	09/23/20 08:00	
180-111287-62	MM-T2-C1_091820_SED_01-03	Solid	09/18/20 12:45	09/23/20 08:00	
180-111287-63	MM-T2-C1_091820_SED_03-05	Solid	09/18/20 12:55	09/23/20 08:00	
180-111287-64	MM-T5-C1_091820_SED_00-01	Solid	09/18/20 13:10	09/23/20 08:00	
180-111287-65	MM-T5-C1_091820_SED_01-03	Solid	09/18/20 13:20	09/23/20 08:00	
180-111287-66	MM-T5-C1_091820_SED_03-05	Solid	09/18/20 13:30	09/23/20 08:00	
180-111287-67	OB-05_091820_SED_00-01	Solid	09/18/20 15:40	09/23/20 08:00	
180-111287-68	OB-05_091820_SED_01-03	Solid	09/18/20 15:42	09/23/20 08:00	
180-111287-69	OB-05_091820_SED_03-05	Solid	09/18/20 15:44	09/23/20 08:00	
180-111287-70	W-17-INTERTIDAL_091820_SED_00-01	Solid	09/18/20 16:06	09/23/20 08:00	
180-111287-71	W-17-INTERTIDAL_091820_SED_01-03	Solid	09/18/20 16:08	09/23/20 08:00	
180-111287-72	W-17-INTERTIDAL_091820_SED_03-05	Solid	09/18/20 16:10	09/23/20 08:00	
180-111287-73	FF-08-02_091820_SED_00-01	Solid	09/18/20 16:24	09/23/20 08:00	
180-111287-74	FF-08-02_091820_SED_00-01_DUP	Solid	09/18/20 17:06	09/23/20 08:00	
180-111287-75	FF-08-02_091820_SED_01-03	Solid	09/18/20 16:26	09/23/20 08:00	
180-111287-76	FF-08-02_091820_SED_01-03_DUP	Solid	09/18/20 17:08	09/23/20 08:00	
180-111287-77	FF-08-02_091820_SED_03-05	Solid	09/18/20 16:28	09/23/20 08:00	
180-111287-78	FF-08-02_091820_SED_03-05_DUP	Solid	09/18/20 17:10	09/23/20 08:00	
180-111287-79	W-17-LOW_091820_SED_00-01	Solid	09/18/20 17:33	09/23/20 08:00	
180-111287-80	W-17-LOW_091820_SED_01-03	Solid	09/18/20 17:35	09/23/20 08:00	
180-111287-81	W-17-LOW_091820_SED_03-05	Solid	09/18/20 17:37	09/23/20 08:00	
180-111287-82	W-61-INTERTIDAL_091820_SED_00-01	Solid	09/18/20 18:20	09/23/20 08:00	
180-111287-83	W-61-INTERTIDAL_091820_SED_01-03	Solid	09/18/20 18:22	09/23/20 08:00	
180-111287-84	W-61-INTERTIDAL_091820_SED_03-05	Solid	09/18/20 18:24	09/23/20 08:00	
180-111287-85	E-01-01_091920_SED_00-01	Solid	09/19/20 13:40	09/23/20 08:00	
180-111287-86	E-01-01_091920_SED_00-01_DUP	Solid	09/19/20 14:45	09/23/20 08:00	
180-111287-87	E-01-01_091920_SED_01-03	Solid	09/19/20 13:43	09/23/20 08:00	
180-111287-88	E-01-01_091920_SED_01-03_DUP	Solid	09/19/20 14:47	09/23/20 08:00	
180-111287-89	E-01-01_091920_SED_03-05	Solid	09/19/20 13:45	09/23/20 08:00	
180-111287-90	E-01-01_091920_SED_03-05_DUP	Solid	09/19/20 14:49	09/23/20 08:00	
180-111287-91	E-01-03_091920_SED_00-01	Solid	09/19/20 15:15	09/23/20 08:00	
180-111287-92	E-01-03_091920_SED_01-03	Solid	09/19/20 15:17	09/23/20 08:00	
180-111287-93	E-01-03_091920_SED_03-05	Solid	09/19/20 15:19	09/23/20 08:00	
180-111287-94	SVE-01_091820_SED_00-01	Solid	09/18/20 18:42	09/23/20 08:00	
180-111287-95	SVE-01_091820_SED_01-03	Solid	09/18/20 18:44	09/23/20 08:00	
180-111287-96	SVE-01_091820_SED_03-05	Solid	09/18/20 18:46	09/23/20 08:00	
180-111287-97	CJ-04_092020_SED_00-01	Solid	09/20/20 12:35	09/23/20 08:00	
180-111287-98	CJ-04_092020_SED_01-03	Solid	09/20/20 12:37	09/23/20 08:00	
180-111287-99	E-01-04_091920_SED_00-01	Solid	09/19/20 15:50	09/23/20 08:00	
180-111287-100	E-01-04_091920_SED_01-03	Solid	09/19/20 15:52	09/23/20 08:00	
180-111287-101	E-01-04_091920_SED_03-05	Solid	09/19/20 15:54	09/23/20 08:00	
180-111287-102	ES-FP_091920_SED_00-01	Solid	09/19/20 16:30	09/23/20 08:00	
180-111287-103	ES-FP_091920_SED_01-03	Solid	09/19/20 16:32	09/23/20 08:00	
180-111287-104	ES-FP_091920_SED_030-036	Solid	09/19/20 16:34	09/23/20 08:00	
180-111287-105	L9-45_092020_SED_00-01	Solid	09/20/20 12:02	09/23/20 08:00	
180-111287-106	L9-45_092020_SED_01-03	Solid	09/20/20 12:04	09/23/20 08:00	

Sample Summary

Client: Wood E&I Solutions Inc
Project/Site: Wood Penobscot River Proposal

Job ID: 180-111287-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-111287-107	L9-45_092020_SED_03-05	Solid	09/20/20 12:06	09/23/20 08:00	
180-111287-108	OL-01_091920_SED_00-03	Solid	09/19/20 16:54	09/23/20 08:00	
180-111287-109	BO-04_092120_SED_00-02	Solid	09/21/20 11:00	09/23/20 08:00	
180-111287-110	CJ-04_092020_SED_03-05	Solid	09/20/20 12:39	09/23/20 08:00	
180-111287-111	MM-T2-C3_092120_SED_00-01	Solid	09/21/20 11:50	09/23/20 08:00	
180-111287-112	W-61-HIGH_092020_SED_00-01	Solid	09/20/20 18:15	09/23/20 08:00	
180-111287-113	W-61-HIGH_092020_SED_01-03	Solid	09/20/20 18:17	09/23/20 08:00	
180-111287-114	W-61-HIGH_092020_SED_03-05	Solid	09/20/20 18:19	09/23/20 08:00	
180-111287-115	W-61-LOW_092020_SED_00-01	Solid	09/20/20 16:55	09/23/20 08:00	
180-111287-116	W-61-LOW_092020_SED_01-03	Solid	09/20/20 16:57	09/23/20 08:00	
180-111287-117	W-61-LOW_092020_SED_03-05	Solid	09/20/20 16:59	09/23/20 08:00	
180-111287-118	W-61-MID_092020_SED_00-01	Solid	09/20/20 17:34	09/23/20 08:00	
180-111287-119	W-61-MID_092020_SED_01-03	Solid	09/20/20 17:36	09/23/20 08:00	
180-111287-120	W-61-MID_092020_SED_03-05	Solid	09/20/20 17:38	09/23/20 08:00	
180-111287-121	FRB-01_092120_SED_00-01	Solid	09/21/20 14:52	09/23/20 08:00	
180-111287-122	FRB-01_092120_SED_01-03	Solid	09/21/20 14:54	09/23/20 08:00	
180-111287-123	FRB-01_092120_SED_03-05	Solid	09/21/20 14:56	09/23/20 08:00	
180-111287-124	MM-T2-C3_092120_SED_01-03	Solid	09/21/20 12:00	09/23/20 08:00	
180-111287-125	MM-T2-C3_092120_SED_03-05	Solid	09/21/20 12:10	09/23/20 08:00	
180-111287-126	MM-T5-C3_092120_SED_00-01	Solid	09/21/20 13:10	09/23/20 08:00	
180-111287-127	MM-T5-C3_092120_SED_01-03	Solid	09/21/20 13:20	09/23/20 08:00	
180-111287-128	MM-T5-C3_092120_SED_03-05	Solid	09/21/20 13:30	09/23/20 08:00	
180-111287-129	W-17-HIGH_092120_SED_00-01	Solid	09/21/20 14:35	09/23/20 08:00	
180-111287-130	W-17-HIGH_092120_SED_01-03	Solid	09/21/20 14:45	09/23/20 08:00	
180-111287-131	W-17-HIGH_092120_SED_03-05	Solid	09/21/20 14:55	09/23/20 08:00	
180-111287-132	W-17-MID_092120_SED_00-01	Solid	09/21/20 15:10	09/23/20 08:00	
180-111287-133	MM-T1-C2_092120_SED_00-01	Solid	09/21/20 16:40	09/23/20 08:00	
180-111287-134	MM-T1-C2_092120_SED_01-03	Solid	09/21/20 16:50	09/23/20 08:00	
180-111287-135	MM-T1-C2_092120_SED_03-05	Solid	09/21/20 17:00	09/23/20 08:00	
180-111287-136	W-17-MID_092120_SED_01-03	Solid	09/21/20 15:20	09/23/20 08:00	
180-111287-137	W-17-MID_092120_SED_03-05	Solid	09/21/20 15:30	09/23/20 08:00	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
LKTOCKHPL1_00029	01/20/21	07/20/20	DI Water, Lot na	100 mL	LKTOCKHP_00014	2.128 g	Total Organic Carbon - Duplicates	10022.9 mg/L
.LKTOCKHP_00014	01/28/25	Frontier Scientific, Lot LH90S92			(Purchased Reagent)		Total Organic Carbon - Duplicates	47.1 %
LKTOCSRM_00040	09/28/22	CE Elantech, Lot 020718			(Purchased Reagent)		Total Organic Carbon - Duplicates	37790 mg/Kg

Reagent

LKTOCKHP_00014



CERTIFICATE OF ANALYSIS

Catalog No.	: 141482	Lot Number	: LH90S92
Product Name	: Potassium hydrogen phthalate, 99%		
CAS	: 877-24-7		
Version	: 1.2		
Molecular Formula	: C ₈ H ₅ KO ₄		
Molecular Weight	: 204.22	Issue Date	: 2018-09-17

Appearance	:	White crystals
IR	:	Conforms to structure
Assay	:	99.96%
pH	:	4.0 (0.05 M soln. at 25 °C)

Issued by QC Manager

This is the computer generated page without signature.

Frontier Scientific



Frontier Scientific
 P.O. Box 31
 Logan, Utah 84323
 (p) 1-435-753-1901
 (f) 1-435-753-6731
 www.frontiersci.com
 sales@frontiersci.com

Date	1/24/2020
------	-----------

Shipping Address

Test America Pittsburgh PO# DR2551163/Ref#3068005 301 Alpha Dr Attn: Shawn Clemente Pittsburgh, PA 15238-2907

PO#	DR2551163
Order#	3088009
Series ID	
Description	Research Samples in ml vial(s) Note: Single msds.doc for all compounds.

Number of Samples	1
-------------------	---

	Catalog Number	Weight (g)	Name
1	JK141482	500.1	Potassium hydrogen phthalate, 99%



Safety Data Sheet

acc. to OSHA HCS
Version 4

Page 1/7

Reviewed on 12/31/2012

Printing date 08/04/2017

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : Potassium hydrogen phthalate
Product number : 141482
CAS-No. : 877-24-7
Synonyms : Monopotassium phthalate

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: J&K Scientific LLC
601 Interchange Blvd, Newark, DE 19711
Telephone/Fax: +1 952 942 3333 / +1 952 942 3322
E-mail address: jkusa@jk-scientific.com
J&K Scientific Ltd.
AEF 18/F Bldg-D Majesty Garden 6 Bei-Shi-Kuan-Zhong Rd. Beijing
Telephone/Fax: +86 10 8284 8833 / +86 10 8284 8833
E-mail address: jkinfo@jkechemical.com
Product safety department

Preparation information:
Emergency telephone number: +1 800 424 9300 (for USA & Canada)

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
The substance is not classified according to the Globally Harmonized System (GHS).

2.2 Label elements

GHS label elements: Not regulated
Hazard pictograms: Not regulated
Signal word: Not regulated
Hazard statements: Not regulated
Precautionary statements: Do not get in eyes, on skin, or on clothing.
Classification system: N/A
NFPA ratings (scale 0 - 4):
Health = 0
Fire = 0
Reactivity = 0



HMIS-ratings (scale 0 - 4)



2.3 Other hazards

Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

www.jk-scientific.com

Page 3/7

Safety Data Sheet

acc. to OSHA HCS
Version 4

Printing date 08/04/2017

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

6.3 Reference to other sections

No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Protective Action Criteria for Chemicals

PAC-1: 10 mg/m3
PAC-2: 110 mg/m3
PAC-3: 630 mg/m3

7. Handling and storage

7.1 Handling

Precautions for safe handling: No special precautions are necessary if used correctly. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Information about protection against explosions and fires: No special measures required.

7.2 Storage

Conditions for safe storage, including any incompatibilities: Store in a cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage Class (TRGS 910): LGK 13: Non-combustible solids that cannot be assigned to any of the above storage classes

8. Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace: Not required.
Additional information: The lists that were valid during the creation were used as basis.

8.2 Personal protective equipment

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment: Not required.

Protection of hands:



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves : The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Safety Data Sheet

acc. to OSHA HCS
Version 4

Page 2/7

Printing date 08/04/2017

Version 4

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

3. Composition/information on ingredients

Chemical characterization; Substances

MF: C8H5KO4
MW: 204.23 g/mol
CAS-No. Description: 877-24-7 Potassium hydrogen phthalate
Identification number(s):
EC number: 212-889-4

4. First aid measures

4.1 Description of first aid measures

General information: Consult a physician. Show this safety data sheet to the doctor in attendance.

After inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact: Wash off with soap and plenty of water. Consult a physician.

After eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Information for doctor

Most important symptoms and effects, both acute and delayed: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed: No data available

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Potassium oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust. Remove persons from danger area. Do not allow to enter sewers/ surface or ground water.

6.2 Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Safety Data Sheet

acc. to OSHA HCS
Version 4

Page 4/7

Printing date 08/04/2017

Version 4

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

Body protection:

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance

Form: Powder
Color: White
Odor: No data available
Odor threshold: Not determined.
pH-value: Not applicable.

Change in condition

Melting point/Melting range: 295-300 °C (563-572 °F)
Boiling point/Boiling range: Undetermined.

Flash point:

Not applicable.

Flammability (solid, gaseous):

Product is not flammable.

Ignition temperature:

Decomposition temperature: Not determined.

Auto-ignition:

Not determined.

Danger of explosion:

Product does not present an explosion hazard.

Explosion limits

Lower: Not determined.

Upper: Not determined.

Vapor pressure:

Not applicable.

Density at 28 °C (77 °F): 1.64 g/cm³ (13.66 lb/gal)

Bulk density:

Not determined.

Relative density:

Not determined.

Vapor density:

Not applicable.

Evaporation rate:

Not applicable.

Solubility in / Miscibility with

Water: Not determined.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

Other information

no data available

10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents

Safety Data Sheet

acc. to OSHA HCS
Version 4

Printing date 08/04/2017

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

10.6 Hazardous decomposition products Carbon oxides, Potassium oxides

11.1 Information on toxicological effects

Primary irritant effect on the skin: No irritant effect.
on the eye: No irritating effect.
Sensitization: No sensitizing effects known.
Carcinogenic categories
IARC (International Agency for Research on Cancer): Substance is not listed.
NTP (National Toxicology Program): Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed.
RTECS-No.: C24328000

12.1 Toxicity

Aquatic toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Behavior in environmental systems

Bioaccumulative potential: No data available

Mobility in soil: No data available

12.4 Additional ecological information

General notes: Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No data available

13.1 Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

13.2 Contaminated packaging Dispose of as unused product.

13.3 Recommendation Disposal must be made according to official regulations.

14.1 UN-Number

DOT, ADR, ADN, IMDG, IATA: Not regulated

Safety Data Sheet

acc. to OSHA HCS
Version 4

Printing date 08/04/2017

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

14.2 UN proper shipping name DOT, ADR, ADN, IMDG, IATA: Not regulated

14.3 Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA: Not regulated

Class: Not regulated

14.4 Packing group DOT, ADR, IMDG, IATA: Not regulated

14.5 Environmental hazards: Marine pollutant: No

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

14.6 Transport/Additional Information: UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

UN "Model Regulation": Not regulated

Page 7/7

Safety Data Sheet

acc. to OSHA HCS
Version 4

Printing date 08/04/2017

Reviewed on 12/31/2012

Product name : Potassium hydrogen phthalate

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other information

The above information is believed to be correct but does not represent any guarantee of the properties of the product. Some new information or amendments may be added afterwards. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority. The products are supposed to be used promptly after purchase in consideration of safety. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility. Any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (Division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMS: Hazardous Materials Identification System (USA)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

Reagent

LKTOCSRM_00040

CERTIFICATE OF ANALYSIS

ELEMENTAL ANALYSIS

STANDARD REFERENCE MATERIAL

PRODUCT NAME: SOIL CNS REFERENCE MATERIAL
ARTICLE NO: SA33840025
APPEARANCE: Brown powder
LOT NUMBER: 020718

Lot Number 020718 is a highly purified and homogeneous lot of Soil NC.
It is intended for use in checking micro chemical procedures for the determination of carbon, nitrogen and sulfur.

ORIGINAL MANUFACTURER ASSAY: Lot Number 020718

ELEMENTAL ANALYSIS (STATISTICAL EXPERIMENTAL VALUES)

CARBON:	3.779 %	-	RSD%: +/- 0.050
NITROGEN:	0.386 %	-	RSD%: +/- 0.050
SULFUR	0.070 %	-	RSD%: +/- 0.050

Verified via use of an NIST certified Montana Soil (NIST Std. Ref Mat. N. 2711 batch 1299). Statistical results of 9 samples of supplied material after calibration with NIST material.

Expiration Date: This CRM is valid for two years from the date of opening.

Date 02/07/2018

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh

Job Number: 180-111287-1

SDG No.:

Project: Wood Penobscot River Proposal

Client Sample ID	Lab Sample ID
ES-02_091620_SED_00-01	180-111287-1
ES-02_091620_SED_01-03	180-111287-2
ES-02_091620_SED_03-05	180-111287-3
FRB-02_091520_SED_00-01	180-111287-4
FRB-02_091520_SED_01-03	180-111287-5
FRB-02_091520_SED_03-05	180-111287-6
VN-02-04_091620_SED_00-01	180-111287-7
VN-02-04_091620_SED_01-03	180-111287-8
VN-02-04_091620_SED_03-05	180-111287-9
VN-MU3-GC-1_091620_SED_00-01	180-111287-10
VN-MU3-GC-1_091620_SED_01-03	180-111287-11
VN-MU3-GC-1_091620_SED_03-05	180-111287-12
ADD-01_091620_SED_00-01	180-111287-13
ADD-01_091620_SED_01-03	180-111287-14
ADD-01_091620_SED_03-05	180-111287-15
ADD-02_091620_SED_00-01	180-111287-16
ADD-02_091620_SED_01-03	180-111287-17
ADD-02_091620_SED_03-05	180-111287-18
OR-T1-C3_091620_SED_00-01	180-111287-19
OR-T1-C3_091620_SED_01-03	180-111287-20
OR-T1-C3_091620_SED_03-05	180-111287-21
OR-T1-C5_091620_SED_00-01	180-111287-22
OR-T1-C5_091620_SED_01-03	180-111287-23
OR-T1-C5_091620_SED_03-05	180-111287-24
BU-01-01_091720_SED_00-01	180-111287-25
BU-01-01_091720_SED_00-01_DUP	180-111287-26
BU-01-01_091720_SED_01-03	180-111287-27
BU-01-01_091720_SED_01-03_DUP	180-111287-28
BU-01-01_091720_SED_03-05	180-111287-29
BU-01-01_091720_SED_03-05_DUP	180-111287-30
MMSW-C_091720_SED_00-01	180-111287-31
MMSW-C_091720_SED_01-03	180-111287-32
MMSW-C_091720_SED_03-05	180-111287-33
OV-04_091620_SED_00-01	180-111287-34
OV-04_091620_SED_01-03	180-111287-35
OV-04_091620_SED_03-05	180-111287-36
OB-01_091720_SED_00-01	180-111287-37
OB-01_091720_SED_01-03	180-111287-38
OB-01_091720_SED_03-05	180-111287-39
OR-T1-C1_091720_SED_00-01	180-111287-40
OR-T1-C1_091720_SED_00-01_DUP	180-111287-41
OR-T1-C1_091720_SED_01-03	180-111287-42
OR-T1-C1_091720_SED_01-03_DUP	180-111287-43
OR-T1-C1_091720_SED_03-05	180-111287-44
PBR-28_091720_SED_00-01	180-111287-45

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh

Job Number: 180-111287-1

SDG No.: _____

Project: Wood Penobscot River Proposal

Client Sample ID	Lab Sample ID
W-17-N_091720_SED_00-01	180-111287-46
W-17-N_091720_SED_01-03	180-111287-47
W-17-N_091720_SED_03-05	180-111287-48
OR-T1-C1_091720_SED_03-05_DUP	180-111287-49
OV-01_091820_SED_00-01	180-111287-50
OV-01_091820_SED_01-03	180-111287-51
OV-01_091820_SED_03-05	180-111287-52
PBR-28_091720_SED_00-01_DUP	180-111287-53
PBR-28_091720_SED_01-03	180-111287-54
PBR-28_091720_SED_01-03_DUP	180-111287-55
PBR-28_091720_SED_03-05	180-111287-56
PBR-28_091720_SED_03-05_DUP	180-111287-57
W-22-MID_091820_SED_00-01	180-111287-58
W-22-MID_091820_SED_01-03	180-111287-59
W-22-MID_091820_SED_03-05	180-111287-60
MM-T2-C1_091820_SED_00-01	180-111287-61
MM-T2-C1_091820_SED_01-03	180-111287-62
MM-T2-C1_091820_SED_03-05	180-111287-63
MM-T5-C1_091820_SED_00-01	180-111287-64
MM-T5-C1_091820_SED_01-03	180-111287-65
MM-T5-C1_091820_SED_03-05	180-111287-66
OB-05_091820_SED_00-01	180-111287-67
OB-05_091820_SED_01-03	180-111287-68
OB-05_091820_SED_03-05	180-111287-69
W-17-INTERTIDAL_091820_SED_00-01	180-111287-70
W-17-INTERTIDAL_091820_SED_01-03	180-111287-71
W-17-INTERTIDAL_091820_SED_03-05	180-111287-72
FF-08-02_091820_SED_00-01	180-111287-73
FF-08-02_091820_SED_00-01_DUP	180-111287-74
FF-08-02_091820_SED_01-03	180-111287-75
FF-08-02_091820_SED_01-03_DUP	180-111287-76
FF-08-02_091820_SED_03-05	180-111287-77
FF-08-02_091820_SED_03-05_DUP	180-111287-78
W-17-LOW_091820_SED_00-01	180-111287-79
W-17-LOW_091820_SED_01-03	180-111287-80
W-17-LOW_091820_SED_03-05	180-111287-81
W-61-INTERTIDAL_091820_SED_00-01	180-111287-82
W-61-INTERTIDAL_091820_SED_01-03	180-111287-83
W-61-INTERTIDAL_091820_SED_03-05	180-111287-84
E-01-01_091920_SED_00-01	180-111287-85
E-01-01_091920_SED_00-01_DUP	180-111287-86
E-01-01_091920_SED_01-03	180-111287-87
E-01-01_091920_SED_01-03_DUP	180-111287-88
E-01-01_091920_SED_03-05	180-111287-89
E-01-01_091920_SED_03-05_DUP	180-111287-90

Comments: _____

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh

Job Number: 180-111287-1

SDG No.: _____

Project: Wood Penobscot River Proposal

Client Sample ID	Lab Sample ID
E-01-03_091920_SED_00-01	180-111287-91
E-01-03_091920_SED_01-03	180-111287-92
E-01-03_091920_SED_03-05	180-111287-93
SVE-01_091820_SED_00-01	180-111287-94
SVE-01_091820_SED_01-03	180-111287-95
SVE-01_091820_SED_03-05	180-111287-96
CJ-04_092020_SED_00-01	180-111287-97
CJ-04_092020_SED_01-03	180-111287-98
E-01-04_091920_SED_00-01	180-111287-99
E-01-04_091920_SED_01-03	180-111287-100
E-01-04_091920_SED_03-05	180-111287-101
ES-FP_091920_SED_00-01	180-111287-102
ES-FP_091920_SED_01-03	180-111287-103
ES-FP_091920_SED_030-036	180-111287-104
L9-45_092020_SED_00-01	180-111287-105
L9-45_092020_SED_01-03	180-111287-106
L9-45_092020_SED_03-05	180-111287-107
OL-01_091920_SED_00-03	180-111287-108
BO-04_092120_SED_00-02	180-111287-109
CJ-04_092020_SED_03-05	180-111287-110
MM-T2-C3_092120_SED_00-01	180-111287-111
W-61-HIGH_092020_SED_00-01	180-111287-112
W-61-HIGH_092020_SED_01-03	180-111287-113
W-61-HIGH_092020_SED_03-05	180-111287-114
W-61-LOW_092020_SED_00-01	180-111287-115
W-61-LOW_092020_SED_01-03	180-111287-116
W-61-LOW_092020_SED_03-05	180-111287-117
W-61-MID_092020_SED_00-01	180-111287-118
W-61-MID_092020_SED_01-03	180-111287-119
W-61-MID_092020_SED_03-05	180-111287-120
FRB-01_092120_SED_00-01	180-111287-121
FRB-01_092120_SED_01-03	180-111287-122
FRB-01_092120_SED_03-05	180-111287-123
MM-T2-C3_092120_SED_01-03	180-111287-124
MM-T2-C3_092120_SED_03-05	180-111287-125
MM-T5-C3_092120_SED_00-01	180-111287-126
MM-T5-C3_092120_SED_01-03	180-111287-127
MM-T5-C3_092120_SED_03-05	180-111287-128
W-17-HIGH_092120_SED_00-01	180-111287-129
W-17-HIGH_092120_SED_01-03	180-111287-130
W-17-HIGH_092120_SED_03-05	180-111287-131
W-17-MID_092120_SED_00-01	180-111287-132
MM-T1-C2_092120_SED_00-01	180-111287-133
MM-T1-C2_092120_SED_01-03	180-111287-134
MM-T1-C2_092120_SED_03-05	180-111287-135

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job Number: 180-111287-1

SDG No.: _____

Project: Wood Penobscot River Proposal

Client Sample ID	Lab Sample ID
<u>W-17-MID_092120_SED_01-03</u>	<u>180-111287-136</u>
<u>W-17-MID_092120_SED_03-05</u>	<u>180-111287-137</u>

Comments:

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-02_091620_SED_00-01

Lab Sample ID: 180-111287-1

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:18

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 36.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	59000	2700	2000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-02_091620_SED_01-03

Lab Sample ID: 180-111287-2

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:19

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	48000	2300	1700	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-02_091620_SED_03-05

Lab Sample ID: 180-111287-3

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 46.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	41000	2200	1600	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-02_091520_SED_00-01

Lab Sample ID: 180-111287-4

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/15/2020 16:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 65.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	19000	1500	1100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-02_091520_SED_01-03

Lab Sample ID: 180-111287-5

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/15/2020 16:05

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 60.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	17000	1700	1200	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-02_091520_SED_03-05

Lab Sample ID: 180-111287-6

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/15/2020 16:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 67.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	14000	1500	1100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-02-04_091620_SED_00-01

Lab Sample ID: 180-111287-7

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 09:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 30.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	57000	3300	2400	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-02-04_091620_SED_01-03

Lab Sample ID: 180-111287-8

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 09:41

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 36.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	54000	2700	2000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-02-04_091620_SED_03-05

Lab Sample ID: 180-111287-9

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.:

Matrix: Solid

Date Sampled: 09/16/2020 09:42

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	53000	2500	1900	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-MU3-GC-1_091620_SED_00-01

Lab Sample ID: 180-111287-10

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 09:58

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	73000	2900	2100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-MU3-GC-1_091620_SED_01-03

Lab Sample ID: 180-111287-11

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 09:59

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 47.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	52000	2100	1600	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: VN-MU3-GC-1_091620_SED_03-05

Lab Sample ID: 180-111287-12

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 44.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	65000	2200	1700	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-01_091620_SED_00-01

Lab Sample ID: 180-111287-13

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 11:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	65000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-01_091620_SED_01-03

Lab Sample ID: 180-111287-14

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 11:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	61000	2500	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-01_091620_SED_03-05

Lab Sample ID: 180-111287-15

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 12:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 46.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	43000	2100	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-02_091620_SED_00-01

Lab Sample ID: 180-111287-16

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 14:05

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 54.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	17000	1800	1400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-02_091620_SED_01-03

Lab Sample ID: 180-111287-17

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 14:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 52.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	18000	1900	1400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ADD-02_091620_SED_03-05

Lab Sample ID: 180-111287-18

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 14:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 47.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	25000	2100	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C3_091620_SED_00-01

Lab Sample ID: 180-111287-19

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:56

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	52000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C3_091620_SED_01-03

Lab Sample ID: 180-111287-20

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:57

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	64000	2500	1800	mg/Kg		H	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C3_091620_SED_03-05

Lab Sample ID: 180-111287-21

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:58

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	69000	2500	1900	mg/Kg		B H	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C5_091620_SED_00-01

Lab Sample ID: 180-111287-22

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:43

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 44.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	49000	2200	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C5_091620_SED_01-03

Lab Sample ID: 180-111287-23

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:44

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 43.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	58000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C5_091620_SED_03-05

Lab Sample ID: 180-111287-24

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 10:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 43.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	62000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_00-01

Lab Sample ID: 180-111287-25

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:21

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	61000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-26

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:54

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 37.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	73000	2600	2000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_01-03

Lab Sample ID: 180-111287-27

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:23

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	68000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-28

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:56

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 43.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	56000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_03-05

Lab Sample ID: 180-111287-29

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:25

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	68000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BU-01-01_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-30

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 15:58

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 37.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	79000	2600	2000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MMSW-C_091720_SED_00-01

Lab Sample ID: 180-111287-31

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 10:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 28.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	110000	3500	2600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MMSW-C_091720_SED_01-03

Lab Sample ID: 180-111287-32

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 10:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 28.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	100000	3500	2600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MMSW-C_091720_SED_03-05

Lab Sample ID: 180-111287-33

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 10:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 26.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	140000	3800	2900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-04_091620_SED_00-01

Lab Sample ID: 180-111287-34

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 16:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 70.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	9700	1400	1100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-04_091620_SED_01-03

Lab Sample ID: 180-111287-35

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 17:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 79.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	6500	1300	940	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-04_091620_SED_03-05

Lab Sample ID: 180-111287-36

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/16/2020 17:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 82.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	5300	1200	910	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-01_091720_SED_00-01

Lab Sample ID: 180-111287-37

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 16:25

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 29.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	68000	3500	2600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-01_091720_SED_01-03

Lab Sample ID: 180-111287-38

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 16:27

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	62000	2900	2200	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-01_091720_SED_03-05

Lab Sample ID: 180-111287-39

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 16:29

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	55000	2900	2200	mg/Kg		F1	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_00-01

Lab Sample ID: 180-111287-40

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	51000	2900	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-41

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	56000	2900	2200	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_01-03

Lab Sample ID: 180-111287-42

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	59000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-43

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	56000	2500	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_03-05

Lab Sample ID: 180-111287-44

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	54000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_00-01

Lab Sample ID: 180-111287-45

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 32.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	62000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-N_091720_SED_00-01

Lab Sample ID: 180-111287-46

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 16:56

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 24.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	180000	4100	3000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-N_091720_SED_01-03

Lab Sample ID: 180-111287-47

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 16:58

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	210000	4700	3500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-N_091720_SED_03-05

Lab Sample ID: 180-111287-48

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	190000	4700	3500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OR-T1-C1_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-49

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 17:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	51000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-01_091820_SED_00-01

Lab Sample ID: 180-111287-50

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 94.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	2000	1100	790	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-01_091820_SED_01-03

Lab Sample ID: 180-111287-51

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 92.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	2300	1100	810	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OV-01_091820_SED_03-05

Lab Sample ID: 180-111287-52

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:25

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 92.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	2600	1100	810	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_00-01_DUP

Lab Sample ID: 180-111287-53

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 18:25

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	48000	2900	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_01-03

Lab Sample ID: 180-111287-54

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 18:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 46.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	45000	2200	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_01-03_DUP

Lab Sample ID: 180-111287-55

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 18:35

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	46000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_03-05

Lab Sample ID: 180-111287-56

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 18:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 44.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	56000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: PBR-28_091720_SED_03-05_DUP

Lab Sample ID: 180-111287-57

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/17/2020 18:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 45.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	50000	2200	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-22-MID_091820_SED_00-01

Lab Sample ID: 180-111287-58

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	87000	2500	1800	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-22-MID_091820_SED_01-03

Lab Sample ID: 180-111287-59

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	87000	2500	1900	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-22-MID_091820_SED_03-05

Lab Sample ID: 180-111287-60

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 10:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	92000	2500	1900	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C1_091820_SED_00-01

Lab Sample ID: 180-111287-61

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 12:35

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 17.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	250000	5800	4300	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C1_091820_SED_01-03

Lab Sample ID: 180-111287-62

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 12:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 18.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	210000	5600	4100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C1_091820_SED_03-05

Lab Sample ID: 180-111287-63

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 12:55

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 18.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	290000	5500	4100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C1_091820_SED_00-01

Lab Sample ID: 180-111287-64

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 13:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 27.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	130000	3700	2700	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C1_091820_SED_01-03

Lab Sample ID: 180-111287-65

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 13:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 25.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	140000	4000	3000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C1_091820_SED_03-05

Lab Sample ID: 180-111287-66

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 13:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 23.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	150000	4300	3200	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-05_091820_SED_00-01

Lab Sample ID: 180-111287-67

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 15:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 38.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	54000	2600	2000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-05_091820_SED_01-03

Lab Sample ID: 180-111287-68

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 15:42

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 35.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	80000	2800	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OB-05_091820_SED_03-05

Lab Sample ID: 180-111287-69

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 15:44

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 37.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	60000	2600	2000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-70

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:06

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 49.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	38000	2000	1500	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-71

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:08

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 49.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	46000	2000	1500	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-72

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 51.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	43000	1900	1400	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_00-01

Lab Sample ID: 180-111287-73

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:24

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 38.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	49000	2600	2000	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_00-01_DUP

Lab Sample ID: 180-111287-74

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:06

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 36.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	60000	2800	2100	mg/Kg		B	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_01-03

Lab Sample ID: 180-111287-75

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:26

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	51000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_01-03_DUP

Lab Sample ID: 180-111287-76

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:08

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 44.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	51000	2200	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_03-05

Lab Sample ID: 180-111287-77

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 16:28

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 46.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	48000	2100	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FF-08-02_091820_SED_03-05_DUP

Lab Sample ID: 180-111287-78

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 45.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	52000	2200	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-LOW_091820_SED_00-01

Lab Sample ID: 180-111287-79

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:33

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 35.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	79000	2800	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-LOW_091820_SED_01-03

Lab Sample ID: 180-111287-80

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:35

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	75000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-LOW_091820_SED_03-05

Lab Sample ID: 180-111287-81

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 17:37

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	89000	2900	2200	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-INTERTIDAL_091820_SED_00-01

Lab Sample ID: 180-111287-82

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	59000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-INTERTIDAL_091820_SED_01-03

Lab Sample ID: 180-111287-83

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:22

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	67000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-INTERTIDAL_091820_SED_03-05

Lab Sample ID: 180-111287-84

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:24

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 45.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	71000	2200	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_00-01

Lab Sample ID: 180-111287-85

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 13:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 22.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	58000	4500	3400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_00-01_DUP

Lab Sample ID: 180-111287-86

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 14:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	61000	4600	3500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_01-03

Lab Sample ID: 180-111287-87

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 13:43

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 31.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	50000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_01-03_DUP

Lab Sample ID: 180-111287-88

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 14:47

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 30.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	52000	3300	2500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_03-05

Lab Sample ID: 180-111287-89

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 13:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 35.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	49000	2800	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-01_091920_SED_03-05_DUP

Lab Sample ID: 180-111287-90

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 14:49

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 34.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	45000	2900	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-03_091920_SED_00-01

Lab Sample ID: 180-111287-91

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 32.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	37000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-03_091920_SED_01-03

Lab Sample ID: 180-111287-92

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:17

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	31000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-03_091920_SED_03-05

Lab Sample ID: 180-111287-93

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:19

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 41.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	38000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: SVE-01_091820_SED_00-01

Lab Sample ID: 180-111287-94

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:42

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 53.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	37000	1900	1400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: SVE-01_091820_SED_01-03

Lab Sample ID: 180-111287-95

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:44

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 43.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	45000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: SVE-01_091820_SED_03-05

Lab Sample ID: 180-111287-96

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/18/2020 18:46

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 50.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	32000	2000	1500	mg/Kg		B H	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: CJ-04_092020_SED_00-01

Lab Sample ID: 180-111287-97

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:35

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 32.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	36000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: CJ-04_092020_SED_01-03

Lab Sample ID: 180-111287-98

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:37

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 37.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	35000	2700	2000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-04_091920_SED_00-01

Lab Sample ID: 180-111287-99

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 53.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	23000	1900	1400	mg/Kg		B H	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-04_091920_SED_01-03

Lab Sample ID: 180-111287-100

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:52

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 51.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	24000	1900	1500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: E-01-04_091920_SED_03-05

Lab Sample ID: 180-111287-101

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 15:54

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 61.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	19000	1600	1200	mg/Kg		B H	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-FP_091920_SED_00-01

Lab Sample ID: 180-111287-102

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 16:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 47.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	33000	2100	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-FP_091920_SED_01-03

Lab Sample ID: 180-111287-103

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 16:32

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 44.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	52000	2200	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: ES-FP_091920_SED_030-036

Lab Sample ID: 180-111287-104

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 16:34

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 43.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	27000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: L9-45_092020_SED_00-01

Lab Sample ID: 180-111287-105

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:02

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 37.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	30000	2700	2000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: L9-45_092020_SED_01-03

Lab Sample ID: 180-111287-106

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:04

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	32000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: L9-45_092020_SED_03-05

Lab Sample ID: 180-111287-107

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:06

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 39.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	36000	2500	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: OL-01_091920_SED_00-03

Lab Sample ID: 180-111287-108

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/19/2020 16:54

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 72.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	14000	1400	1000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: BO-04_092120_SED_00-02

Lab Sample ID: 180-111287-109

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 11:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 24.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	91000	4000	3000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: CJ-04_092020_SED_03-05

Lab Sample ID: 180-111287-110

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 12:39

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	37000	2300	1700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C3_092120_SED_00-01

Lab Sample ID: 180-111287-111

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 11:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 45.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	64000	2200	1600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-HIGH_092020_SED_00-01

Lab Sample ID: 180-111287-112

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 18:15

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 15.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	260000	6600	4900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-HIGH_092020_SED_01-03

Lab Sample ID: 180-111287-113

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 18:17

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 26.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	160000	3800	2800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-HIGH_092020_SED_03-05

Lab Sample ID: 180-111287-114

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 18:19

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 65.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	38000	1500	1100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-LOW_092020_SED_00-01

Lab Sample ID: 180-111287-115

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 16:55

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 31.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	93000	3200	2400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-LOW_092020_SED_01-03

Lab Sample ID: 180-111287-116

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 16:57

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 36.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	110000	2700	2000	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-LOW_092020_SED_03-05

Lab Sample ID: 180-111287-117

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 16:59

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 30.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	120000	3200	2400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-MID_092020_SED_00-01

Lab Sample ID: 180-111287-118

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 17:34

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 32.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	110000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-MID_092020_SED_01-03

Lab Sample ID: 180-111287-119

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 17:36

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 35.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	150000	2800	2100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-61-MID_092020_SED_03-05

Lab Sample ID: 180-111287-120

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/20/2020 17:38

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 51.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	53000	1900	1400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-01_092120_SED_00-01

Lab Sample ID: 180-111287-121

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:52

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	34000	4700	3500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-01_092120_SED_01-03

Lab Sample ID: 180-111287-122

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:54

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 38.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	19000	2600	1900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: FRB-01_092120_SED_03-05

Lab Sample ID: 180-111287-123

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:56

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 48.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	17000	2100	1500	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C3_092120_SED_01-03

Lab Sample ID: 180-111287-124

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 12:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 40.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	80000	2500	1800	mg/Kg		F1	1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T2-C3_092120_SED_03-05

Lab Sample ID: 180-111287-125

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 12:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 42.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	82000	2400	1800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C3_092120_SED_00-01

Lab Sample ID: 180-111287-126

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 13:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 29.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	130000	3400	2600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C3_092120_SED_01-03

Lab Sample ID: 180-111287-127

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 13:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 26.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	130000	3800	2800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T5-C3_092120_SED_03-05

Lab Sample ID: 180-111287-128

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 13:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 29.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	120000	3400	2600	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-HIGH_092120_SED_00-01

Lab Sample ID: 180-111287-129

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:35

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 24.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	170000	4100	3100	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-HIGH_092120_SED_01-03

Lab Sample ID: 180-111287-130

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:45

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	210000	4600	3400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-HIGH_092120_SED_03-05

Lab Sample ID: 180-111287-131

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 14:55

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 25.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	180000	3900	2900	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-MID_092120_SED_00-01

Lab Sample ID: 180-111287-132

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 15:10

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 27.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	140000	3600	2700	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T1-C2_092120_SED_00-01

Lab Sample ID: 180-111287-133

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 16:40

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 27.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	89000	3700	2800	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T1-C2_092120_SED_01-03

Lab Sample ID: 180-111287-134

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 16:50

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 32.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	74000	3100	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: MM-T1-C2_092120_SED_03-05

Lab Sample ID: 180-111287-135

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 17:00

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 33.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	89000	3000	2300	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-MID_092120_SED_01-03

Lab Sample ID: 180-111287-136

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 15:20

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 21.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	160000	4600	3400	mg/Kg			1	EPA-Lloyd Kahn

1B-IN
 INORGANIC ANALYSIS DATA SHEET
 GENERAL CHEMISTRY

Client Sample ID: W-17-MID_092120_SED_03-05

Lab Sample ID: 180-111287-137

Lab Name: Eurofins TestAmerica, Pittsburgh

Job No.: 180-111287-1

SDG ID.: _____

Matrix: Solid

Date Sampled: 09/21/2020 15:30

Reporting Basis: DRY

Date Received: 09/23/2020 08:00

% Solids: 24.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Duplicates	160000	4100	3000	mg/Kg			1	EPA-Lloyd Kahn

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 09/28/2020
 Reporting Units: mg/Kg Analytical Batch No.: 331573

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
56	CCV	21:24	Total Organic Carbon - Duplicates	9840	10000	98	85-115		LKTOCKHPL1_00029
57	CCB	21:29	Total Organic Carbon - Duplicates	ND					
70	CCV	23:21	Total Organic Carbon - Duplicates	9840	10000	98	85-115		LKTOCKHPL1_00029
71	CCB	23:27	Total Organic Carbon - Duplicates	ND					
84	CCV	01:13	Total Organic Carbon - Duplicates	9940	10000	99	85-115		LKTOCKHPL1_00029
85	CCB	01:18	Total Organic Carbon - Duplicates	ND					
96	CCV	02:48	Total Organic Carbon - Duplicates	9820	10000	98	85-115		LKTOCKHPL1_00029
97	CCB	02:53	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 09/29/2020
 Reporting Units: mg/Kg Analytical Batch No.: 331767

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	12:57	Total Organic Carbon - Duplicates	9710	10000	97	85-115		LKTOCKHPL1_00029
3	CCB	13:03	Total Organic Carbon - Duplicates	ND					
16	CCV	15:11	Total Organic Carbon - Duplicates	9910	10000	99	85-115		LKTOCKHPL1_00029
17	CCB	15:17	Total Organic Carbon - Duplicates	ND					
30	CCV	17:32	Total Organic Carbon - Duplicates	9800	10000	98	85-115		LKTOCKHPL1_00029
31	CCB	17:38	Total Organic Carbon - Duplicates	ND					
44	CCV	19:24	Total Organic Carbon - Duplicates	9320	10000	93	85-115		LKTOCKHPL1_00029
45	CCB	19:30	Total Organic Carbon - Duplicates	ND					
56	CCV	20:59	Total Organic Carbon - Duplicates	10300	10000	102	85-115		LKTOCKHPL1_00029
57	CCB	21:04	Total Organic Carbon - Duplicates	ND					
70	CCV	22:56	Total Organic Carbon - Duplicates	10500	10000	104	85-115		LKTOCKHPL1_00029
71	CCB	23:02	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 09/30/2020
 Reporting Units: mg/Kg Analytical Batch No.: 331942

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	14:09	Total Organic Carbon - Duplicates	9470	10000	94	85-115		LKTOCKHPL1_00029
3	CCB	14:15	Total Organic Carbon - Duplicates	ND					
16	CCV	16:07	Total Organic Carbon - Duplicates	10000	10000	100	85-115		LKTOCKHPL1_00029
17	CCB	16:12	Total Organic Carbon - Duplicates	ND					
30	CCV	18:30	Total Organic Carbon - Duplicates	9820	10000	98	85-115		LKTOCKHPL1_00029
31	CCB	18:36	Total Organic Carbon - Duplicates	ND					
44	CCV	20:22	Total Organic Carbon - Duplicates	9950	10000	99	85-115		LKTOCKHPL1_00029
45	CCB	20:27	Total Organic Carbon - Duplicates	ND					
58	CCV	22:13	Total Organic Carbon - Duplicates	9950	10000	99	85-115		LKTOCKHPL1_00029
59	CCB	22:19	Total Organic Carbon - Duplicates	ND					
72	CCV	00:11	Total Organic Carbon - Duplicates	9850	10000	98	85-115		LKTOCKHPL1_00029
73	CCB	00:16	Total Organic Carbon - Duplicates	ND					
86	CCV	02:02	Total Organic Carbon - Duplicates	10100	10000	101	85-115		LKTOCKHPL1_00029
87	CCB	02:08	Total Organic Carbon - Duplicates	ND					
96	CCV	03:20	Total Organic Carbon - Duplicates	10100	10000	101	85-115		LKTOCKHPL1_00029
97	CCB	03:26	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 10/01/2020
 Reporting Units: mg/Kg Analytical Batch No.: 332087

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	14:00	Total Organic Carbon - Duplicates	9650	10000	96	85-115		LKTOCKHPL1_00029
3	CCB	14:05	Total Organic Carbon - Duplicates	ND					
16	CCV	15:57	Total Organic Carbon - Duplicates	9900	10000	99	85-115		LKTOCKHPL1_00029
17	CCB	16:03	Total Organic Carbon - Duplicates	ND					
30	CCV	18:13	Total Organic Carbon - Duplicates	9810	10000	98	85-115		LKTOCKHPL1_00029
31	CCB	18:18	Total Organic Carbon - Duplicates	ND					
44	CCV	20:04	Total Organic Carbon - Duplicates	9410	10000	94	85-115		LKTOCKHPL1_00029
45	CCB	20:10	Total Organic Carbon - Duplicates	ND					
58	CCV	21:56	Total Organic Carbon - Duplicates	10300	10000	102	85-115		LKTOCKHPL1_00029
59	CCB	22:01	Total Organic Carbon - Duplicates	ND					
72	CCV	23:53	Total Organic Carbon - Duplicates	10100					
73	CCB	23:59	Total Organic Carbon - Duplicates	ND					
86	CCV	01:45	Total Organic Carbon - Duplicates	10500					
87	CCB	01:50	Total Organic Carbon - Duplicates	ND					
96	CCV	03:03	Total Organic Carbon - Duplicates	10400					
97	CCB	03:08	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 10/02/2020
 Reporting Units: mg/Kg Analytical Batch No.: 332233

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	12:42	Total Organic Carbon - Duplicates	9640	10000	96	85-115		LKTOCKHPL1_00029
3	CCB	12:47	Total Organic Carbon - Duplicates	ND					
16	CCV	14:39	Total Organic Carbon - Duplicates	10000	10000	100	85-115		LKTOCKHPL1_00029
17	CCB	14:45	Total Organic Carbon - Duplicates	ND					
30	CCV	16:31	Total Organic Carbon - Duplicates	9880	10000	99	85-115		LKTOCKHPL1_00029
31	CCB	16:49	Total Organic Carbon - Duplicates	ND					
44	CCV	18:36	Total Organic Carbon - Duplicates	9890	10000	99	85-115		LKTOCKHPL1_00029
45	CCB	18:42	Total Organic Carbon - Duplicates	ND					
56	CCV	20:11	Total Organic Carbon - Duplicates	9920	10000	99	85-115		LKTOCKHPL1_00029
57	CCB	20:17	Total Organic Carbon - Duplicates	ND					
70	CCV	22:09	Total Organic Carbon - Duplicates	9910					
71	CCB	22:14	Total Organic Carbon - Duplicates	ND					
84	CCV	00:00	Total Organic Carbon - Duplicates	9940					
85	CCB	00:06	Total Organic Carbon - Duplicates	ND					
96	CCV	01:35	Total Organic Carbon - Duplicates	9940					
97	CCB	01:41	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 10/04/2020
 Reporting Units: mg/Kg Analytical Batch No.: 332286

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
2	CCV	12:37	Total Organic Carbon - Duplicates	9670	10000	97	85-115		LKTOCKHPL1_00029
3	CCB	12:43	Total Organic Carbon - Duplicates	ND					
16	CCV	14:34	Total Organic Carbon - Duplicates	10100	10000	101	85-115		LKTOCKHPL1_00029
17	CCB	14:40	Total Organic Carbon - Duplicates	ND					
30	CCV	16:43	Total Organic Carbon - Duplicates	9550	10000	95	85-115		LKTOCKHPL1_00029
31	CCB	16:48	Total Organic Carbon - Duplicates	ND					
44	CCV	18:34	Total Organic Carbon - Duplicates	10800	10000	108	85-115		LKTOCKHPL1_00029
45	CCB	18:40	Total Organic Carbon - Duplicates	ND					
58	CCV	20:26	Total Organic Carbon - Duplicates	10500	10000	105	85-115		LKTOCKHPL1_00029
59	CCB	20:32	Total Organic Carbon - Duplicates	ND					
72	CCV	22:23	Total Organic Carbon - Duplicates	10800	10000	108	85-115		LKTOCKHPL1_00029
73	CCB	22:29	Total Organic Carbon - Duplicates	ND					
86	CCV	00:15	Total Organic Carbon - Duplicates	10700	10000	107	85-115		LKTOCKHPL1_00029
87	CCB	00:20	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

2-IN
 CALIBRATION QUALITY CONTROL
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1
 SDG No.: _____
 Analyst: DLF Batch Start Date: 10/05/2020
 Reporting Units: mg/Kg Analytical Batch No.: 332397

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
56	CCV	21:35	Total Organic Carbon - Duplicates	9880	10000	99	85-115		LKTOCKHPL1_00029
57	CCB	21:40	Total Organic Carbon - Duplicates	ND					
70	CCV	23:32	Total Organic Carbon - Duplicates	10100	10000	101	85-115		LKTOCKHPL1_00029
71	CCB	23:38	Total Organic Carbon - Duplicates	ND					
84	CCV	01:24	Total Organic Carbon - Duplicates	10200	10000	101	85-115		LKTOCKHPL1_00029
85	CCB	01:29	Total Organic Carbon - Duplicates	ND					
94	CCV	02:42	Total Organic Carbon - Duplicates	9830	10000	98	85-115		LKTOCKHPL1_00029
95	CCB	02:47	Total Organic Carbon - Duplicates	ND					

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 331573 Date: 09/28/2020 21:35							
EPA-Lloyd Kahn	MB 180-331573/58	Total Organic Carbon - Duplicates	822	J	mg/Kg	1000	1
Batch ID: 331767 Date: 09/29/2020 13:25							
EPA-Lloyd Kahn	MB 180-331767/4	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 331767 Date: 09/29/2020 21:10							
EPA-Lloyd Kahn	MB 180-331767/58	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 331942 Date: 09/30/2020 14:21							
EPA-Lloyd Kahn	MB 180-331942/4	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 331942 Date: 09/30/2020 22:24							
EPA-Lloyd Kahn	MB 180-331942/60	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332087 Date: 10/01/2020 14:11							
EPA-Lloyd Kahn	MB 180-332087/4	Total Organic Carbon - Duplicates	783	J	mg/Kg	1000	1
Batch ID: 332087 Date: 10/01/2020 22:07							
EPA-Lloyd Kahn	MB 180-332087/60	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332233 Date: 10/02/2020 12:53							
EPA-Lloyd Kahn	MB 180-332233/4	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332233 Date: 10/02/2020 20:23							
EPA-Lloyd Kahn	MB 180-332233/58	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332286 Date: 10/04/2020 12:48							
EPA-Lloyd Kahn	MB 180-332286/4	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332286 Date: 10/04/2020 20:37							
EPA-Lloyd Kahn	MB 180-332286/60	Total Organic Carbon - Duplicates	ND		mg/Kg	1000	1
Batch ID: 332397 Date: 10/05/2020 21:46							
EPA-Lloyd Kahn	MB 180-332397/58	Total Organic Carbon - Duplicates	904	J	mg/Kg	1000	1

5-IN
 MATRIX SPIKE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 331942 Date: 09/30/2020 19:48											
EPA-Llo yd Kahn	180-111287-38	Total Organic Carbon - Duplicates	62000		mg/Kg						
EPA-Llo yd Kahn MS	180-111287-38	Total Organic Carbon - Duplicates	131000		mg/Kg	73200	94	75-125			
Batch ID: 331942 Date: 09/30/2020 23:04											
EPA-Llo yd Kahn	180-111287-39	Total Organic Carbon - Duplicates	55000		mg/Kg						F1
EPA-Llo yd Kahn MS	180-111287-39	Total Organic Carbon - Duplicates	114000		mg/Kg	44900	132	75-125			F1
Batch ID: 332087 Date: 10/01/2020 15:40											
EPA-Llo yd Kahn	180-111287-21	Total Organic Carbon - Duplicates	69000		mg/Kg						B H
EPA-Llo yd Kahn MS	180-111287-21	Total Organic Carbon - Duplicates	105000		mg/Kg	39900	89	75-125			
Batch ID: 332087 Date: 10/01/2020 22:46											
EPA-Llo yd Kahn	180-111287-68	Total Organic Carbon - Duplicates	80000		mg/Kg						
EPA-Llo yd Kahn MS	180-111287-68	Total Organic Carbon - Duplicates	128000		mg/Kg	48700	98	75-125			
Batch ID: 332286 Date: 10/04/2020 13:27											
EPA-Llo yd Kahn	180-111287-20	Total Organic Carbon - Duplicates	64000		mg/Kg						H
EPA-Llo yd Kahn MS	180-111287-20	Total Organic Carbon - Duplicates	110000		mg/Kg	48800	94	75-125			
Batch ID: 332286 Date: 10/04/2020 17:27											
EPA-Llo yd Kahn 4	180-111287-12	Total Organic Carbon - Duplicates	80000		mg/Kg						F1
EPA-Llo yd Kahn 4 MS	180-111287-12	Total Organic Carbon - Duplicates	120000		mg/Kg	40100	100	75-125			
Batch ID: 332286 Date: 10/04/2020 21:16											
EPA-Llo yd Kahn 5	180-111287-12	Total Organic Carbon - Duplicates	82000		mg/Kg						
EPA-Llo yd Kahn 5 MS	180-111287-12	Total Organic Carbon - Duplicates	139000		mg/Kg	56200	102	75-125			

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Note - Results and Reporting Limits have been adjusted for dry weight.

5-IN
 MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
 GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 331942 Date: 09/30/2020 20:05											
EPA-Llo yd Kahn	180-111287-38 MSD	Total Organic Carbon - Duplicates	107000		mg/Kg	41100	109	75-125	20	20	
Batch ID: 331942 Date: 09/30/2020 23:20											
EPA-Llo yd Kahn	180-111287-39 MSD	Total Organic Carbon - Duplicates	112000		mg/Kg	42200	134	75-125	2	20	F1
Batch ID: 332087 Date: 10/01/2020 16:08											
EPA-Llo yd Kahn	180-111287-21 MSD	Total Organic Carbon - Duplicates	107000		mg/Kg	45500	82	75-125	2	20	
Batch ID: 332087 Date: 10/01/2020 23:03											
EPA-Llo yd Kahn	180-111287-68 MSD	Total Organic Carbon - Duplicates	123000		mg/Kg	45200	95	75-125	4	20	
Batch ID: 332286 Date: 10/04/2020 13:44											
EPA-Llo yd Kahn	180-111287-20 MSD	Total Organic Carbon - Duplicates	100000		mg/Kg	39300	91	75-125	9	20	
Batch ID: 332286 Date: 10/04/2020 17:44											
EPA-Llo yd Kahn	180-111287-12 4 MSD	Total Organic Carbon - Duplicates	108000		mg/Kg	41800	67	75-125	11	20	F1
Batch ID: 332286 Date: 10/04/2020 21:33											
EPA-Llo yd Kahn	180-111287-12 5 MSD	Total Organic Carbon - Duplicates	146000		mg/Kg	54600	117	75-125	5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Note - Results and Reporting Limits have been adjusted for dry weight.

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 331573 Date: 09/28/2020 21:46											
EPA-Llo yd Kahn	LCS 180-331573/59	Total Organic Carbon - Duplicates	31600		mg/Kg	37800	84	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 331767 Date: 09/29/2020 13:37											
EPA-Llo yd Kahn	LCS 180-331767/5	Total Organic Carbon - Duplicates	33800		mg/Kg	37800	89	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 331767 Date: 09/29/2020 21:21											
EPA-Llo yd Kahn	LCS 180-331767/59	Total Organic Carbon - Duplicates	40700		mg/Kg	37800	108	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 331942 Date: 09/30/2020 14:32											
EPA-Llo yd Kahn	LCS 180-331942/5	Total Organic Carbon - Duplicates	35000		mg/Kg	37800	93	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 331942 Date: 09/30/2020 22:36											
EPA-Llo yd Kahn	LCS 180-331942/61	Total Organic Carbon - Duplicates	30800		mg/Kg	37800	82	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332087 Date: 10/01/2020 14:22											
EPA-Llo yd Kahn	LCS 180-332087/5	Total Organic Carbon - Duplicates	31500		mg/Kg	37800	83	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332087 Date: 10/01/2020 22:18											
EPA-Llo yd Kahn	LCS 180-332087/61	Total Organic Carbon - Duplicates	44600		mg/Kg	37800	118	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332233 Date: 10/02/2020 13:04											
EPA-Llo yd Kahn	LCS 180-332233/5	Total Organic Carbon - Duplicates	34100		mg/Kg	37800	90	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332233 Date: 10/02/2020 20:34											
EPA-Llo yd Kahn	LCS 180-332233/59	Total Organic Carbon - Duplicates	34000		mg/Kg	37700	90	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332286 Date: 10/04/2020 12:59											
EPA-Llo yd Kahn	LCS 180-332286/5	Total Organic Carbon - Duplicates	35300		mg/Kg	37800	93	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332286 Date: 10/04/2020 20:48											
EPA-Llo yd Kahn	LCS 180-332286/61	Total Organic Carbon - Duplicates	43700		mg/Kg	37800	116	75-125			
LCS Source: LKTOCSRM_00040											
Batch ID: 332397 Date: 10/05/2020 21:57											
EPA-Llo yd Kahn	LCS 180-332397/59	Total Organic Carbon - Duplicates	34900		mg/Kg	37800	92	75-125			
LCS Source: LKTOCSRM_00040											

Calculations are performed before rounding to avoid round-off errors in calculated results.

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburg

Job Number: 180-111287-1

SDG Number: _____

Matrix: Solid

Instrument ID: NOEQUIP

Method: 2540G

RL Date: 01/31/2010 13:27

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburg Job Number: 180-111287-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: 2540G XRL Date: 01/31/2010 13:31

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburg Job Number: 180-111287-1
SDG Number: _____
Matrix: Solid Instrument ID: FLASHEA
Method: EPA-Lloyd Kahn MDL Date: 03/09/2017 16:58

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Total Organic Carbon - Duplicates		1000	746

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburg Job Number: 180-111287-1
SDG Number: _____
Matrix: Solid Instrument ID: FLASHEA
Method: EPA-Lloyd Kahn XMDL Date: 03/09/2017 16:58

Analyte	Wavelength/ Mass	XRL (mg/Kg)	XMDL (mg/Kg)
Total Organic Carbon - Duplicates		1000	746

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/07/2020 19:13 End Date: 10/07/2020 19:13

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				% S o l t	M o i s t																										
180-111287-2	1	T	19:13	X	X																										
180-111287-2 DU	1	T	19:13	X	X																										
ZZZZZZ			19:13																												
180-111287-1	1	T	19:13	X	X																										
180-111287-3	1	T	19:13	X	X																										
180-111287-4	1	T	19:13	X	X																										
180-111287-5	1	T	19:13	X	X																										
180-111287-6	1	T	19:13	X	X																										
180-111287-7	1	T	19:13	X	X																										
180-111287-8	1	T	19:13	X	X																										
180-111287-9	1	T	19:13	X	X																										
180-111287-11	1	T	19:13	X	X																										
180-111287-11 DU	1	T	19:13	X	X																										
180-111287-10	1	T	19:13	X	X																										
180-111287-12	1	T	19:13	X	X																										
180-111287-13	1	T	19:13	X	X																										
180-111287-14	1	T	19:13	X	X																										
180-111287-15	1	T	19:13	X	X																										
180-111287-16	1	T	19:13	X	X																										
180-111287-17	1	T	19:13	X	X																										
180-111287-18	1	T	19:13	X	X																										
180-111287-19	1	T	19:13	X	X																										

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 20:46 End Date: 10/08/2020 20:46

Lab Sample Id	D/F	Type	Time	Analytes																											
				% S	M o i s t																										
ZZZZZZ			20:46																												
ZZZZZZ			20:46																												
ZZZZZZ			20:46																												
180-111287-25		1 T	20:46	X	X																										
180-111287-26		1 T	20:46	X	X																										
180-111287-27		1 T	20:46	X	X																										
180-111287-28		1 T	20:46	X	X																										
180-111287-29		1 T	20:46	X	X																										
180-111287-30		1 T	20:46	X	X																										
180-111287-31		1 T	20:46	X	X																										
180-111287-32		1 T	20:46	X	X																										
180-111287-33		1 T	20:46	X	X																										
180-111287-33 DU		1 T	20:46	X	X																										
180-111287-34		1 T	20:46	X	X																										
180-111287-35		1 T	20:46	X	X																										
180-111287-36		1 T	20:46	X	X																										
180-111287-37		1 T	20:46	X	X																										
180-111287-38		1 T	20:46	X	X																										
180-111287-39		1 T	20:46	X	X																										
180-111287-40		1 T	20:46	X	X																										
180-111287-41		1 T	20:46	X	X																										
180-111287-42		1 T	20:46	X	X																										

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 21:08 End Date: 10/08/2020 21:08

Lab Sample Id	D/F	Type	Time	Analytes																											
				% S	M o i s t																										
180-111287-43		1 T	21:08	X	X																										
180-111287-43 DU		1 T	21:08	X	X																										
180-111287-44		1 T	21:08	X	X																										
180-111287-45		1 T	21:08	X	X																										
180-111287-46		1 T	21:08	X	X																										
180-111287-47		1 T	21:08	X	X																										
180-111287-48		1 T	21:08	X	X																										
180-111287-49		1 T	21:08	X	X																										
180-111287-50		1 T	21:08	X	X																										
180-111287-51		1 T	21:08	X	X																										
180-111287-52		1 T	21:08	X	X																										
180-111287-53		1 T	21:08	X	X																										
180-111287-53 DU		1 T	21:08	X	X																										
180-111287-54		1 T	21:08	X	X																										
180-111287-55		1 T	21:08	X	X																										
180-111287-56		1 T	21:08	X	X																										
180-111287-57		1 T	21:08	X	X																										
180-111287-58		1 T	21:08	X	X																										
180-111287-59		1 T	21:08	X	X																										
180-111287-60		1 T	21:08	X	X																										
180-111287-61		1 T	21:08	X	X																										
180-111287-62		1 T	21:08	X	X																										

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 21:24 End Date: 10/08/2020 21:24

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				% S o l t	M o i s t																										
180-111287-63		1	T	21:24	X	X																									
180-111287-63 DU		1	T	21:24	X	X																									
180-111287-64		1	T	21:24	X	X																									
180-111287-65		1	T	21:24	X	X																									
180-111287-66		1	T	21:24	X	X																									
180-111287-67		1	T	21:24	X	X																									
180-111287-68		1	T	21:24	X	X																									
180-111287-69		1	T	21:24	X	X																									
180-111287-70		1	T	21:24	X	X																									
180-111287-71		1	T	21:24	X	X																									
180-111287-72		1	T	21:24	X	X																									
180-111287-73		1	T	21:24	X	X																									
180-111287-73 DU		1	T	21:24	X	X																									
180-111287-74		1	T	21:24	X	X																									
180-111287-75		1	T	21:24	X	X																									
180-111287-76		1	T	21:24	X	X																									
180-111287-77		1	T	21:24	X	X																									
180-111287-78		1	T	21:24	X	X																									
180-111287-79		1	T	21:24	X	X																									
180-111287-80		1	T	21:24	X	X																									
180-111287-81		1	T	21:24	X	X																									
180-111287-82		1	T	21:24	X	X																									

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 21:45 End Date: 10/08/2020 21:45

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				% S o l t	M o i s t																										
180-111287-83		1	T	21:45	X	X																									
180-111287-83 DU		1	T	21:45	X	X																									
180-111287-84		1	T	21:45	X	X																									
180-111287-85		1	T	21:45	X	X																									
180-111287-86		1	T	21:45	X	X																									
180-111287-87		1	T	21:45	X	X																									
180-111287-88		1	T	21:45	X	X																									
180-111287-89		1	T	21:45	X	X																									
180-111287-90		1	T	21:45	X	X																									
180-111287-91		1	T	21:45	X	X																									
180-111287-92		1	T	21:45	X	X																									
180-111287-93		1	T	21:45	X	X																									
180-111287-93 DU		1	T	21:45	X	X																									
180-111287-94		1	T	21:45	X	X																									
180-111287-95		1	T	21:45	X	X																									
180-111287-96		1	T	21:45	X	X																									
180-111287-97		1	T	21:45	X	X																									
180-111287-98		1	T	21:45	X	X																									
180-111287-99		1	T	21:45	X	X																									
180-111287-100		1	T	21:45	X	X																									
180-111287-101		1	T	21:45	X	X																									
180-111287-102		1	T	21:45	X	X																									

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 21:54 End Date: 10/08/2020 21:54

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				% S o l t	M o i s t																										
180-111287-103		1	T	21:54	X	X																									
180-111287-103 DU		1	T	21:54	X	X																									
180-111287-104		1	T	21:54	X	X																									
180-111287-105		1	T	21:54	X	X																									
180-111287-106		1	T	21:54	X	X																									
180-111287-107		1	T	21:54	X	X																									
180-111287-108		1	T	21:54	X	X																									
180-111287-109		1	T	21:54	X	X																									
180-111287-110		1	T	21:54	X	X																									
180-111287-111		1	T	21:54	X	X																									
180-111287-112		1	T	21:54	X	X																									
180-111287-113		1	T	21:54	X	X																									
180-111287-113 DU		1	T	21:54	X	X																									
180-111287-114		1	T	21:54	X	X																									
180-111287-115		1	T	21:54	X	X																									
180-111287-116		1	T	21:54	X	X																									
180-111287-117		1	T	21:54	X	X																									
180-111287-118		1	T	21:54	X	X																									
180-111287-119		1	T	21:54	X	X																									
180-111287-120		1	T	21:54	X	X																									
180-111287-121		1	T	21:54	X	X																									
180-111287-122		1	T	21:54	X	X																									

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: NOEQUIP Analysis Method: 2540G

Start Date: 10/08/2020 22:03 End Date: 10/08/2020 22:03

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				% S o l t	M o i s t																										
180-111287-123		1 T	22:03	X	X																										
180-111287-123 DU		1 T	22:03	X	X																										
180-111287-124		1 T	22:03	X	X																										
180-111287-125		1 T	22:03	X	X																										
180-111287-126		1 T	22:03	X	X																										
180-111287-127		1 T	22:03	X	X																										
180-111287-128		1 T	22:03	X	X																										
180-111287-129		1 T	22:03	X	X																										
180-111287-130		1 T	22:03	X	X																										
180-111287-131		1 T	22:03	X	X																										
180-111287-132		1 T	22:03	X	X																										
180-111287-133		1 T	22:03	X	X																										
180-111287-133 DU		1 T	22:03	X	X																										
180-111287-134		1 T	22:03	X	X																										
180-111287-135		1 T	22:03	X	X																										
180-111287-136		1 T	22:03	X	X																										
180-111287-137		1 T	22:03	X	X																										

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/28/2020 13:13 End Date: 09/29/2020 02:53

Lab Sample Id	D/F	Type	Time	Analytes																			
				T	O	C	D																
RINSE 180-331573/1			13:13																				
CCV 180-331573/2			13:18																				
CCB 180-331573/3			13:24																				
ZZZZZZ			13:30																				
ZZZZZZ			14:02																				
ZZZZZZ			14:17																				
RINSE 180-331573/7			14:28																				
ZZZZZZ			14:34																				
RINSE 180-331573/9			14:45																				
ZZZZZZ			14:51																				
RINSE 180-331573/11			15:02																				
ZZZZZZ			15:07																				
RINSE 180-331573/13			15:19																				
ZZZZZZ			15:24																				
RINSE 180-331573/15			15:35																				
CCV 180-331573/16			15:41																				
CCB 180-331573/17			15:47																				
ZZZZZZ			15:52																				
RINSE 180-331573/19			16:03																				
ZZZZZZ			16:09																				
RINSE 180-331573/21			16:20																				
ZZZZZZ			16:26																				
RINSE 180-331573/23			16:37																				
ZZZZZZ			16:42																				
RINSE 180-331573/25			16:54																				
ZZZZZZ			16:59																				
RINSE 180-331573/27			17:10																				
ZZZZZZ			17:16																				
RINSE 180-331573/29			17:52																				
CCV 180-331573/30			17:57																				
CCB 180-331573/31			18:03																				
ZZZZZZ			18:08																				
RINSE 180-331573/33			18:20																				
ZZZZZZ			18:25																				
RINSE 180-331573/35			18:36																				
ZZZZZZ			18:42																				
RINSE 180-331573/37			18:53																				
ZZZZZZ			18:59																				
RINSE 180-331573/39			19:10																				
ZZZZZZ			19:15																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/28/2020 13:13 End Date: 09/29/2020 02:53

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-331573/41			19:26																												
ZZZZZZ			19:32																												
RINSE 180-331573/43			19:43																												
CCV 180-331573/44			19:49																												
CCB 180-331573/45			19:54																												
ZZZZZZ			20:00																												
RINSE 180-331573/47			20:11																												
ZZZZZZ			20:17																												
RINSE 180-331573/49			20:28																												
ZZZZZZ			20:33																												
RINSE 180-331573/51			20:45																												
ZZZZZZ			20:50																												
RINSE 180-331573/53			21:01																												
ZZZZZZ			21:07																												
RINSE 180-331573/55			21:18																												
CCV 180-331573/56		1	21:24	X																											
CCB 180-331573/57		1	21:29	X																											
MB 180-331573/58		1 T	21:35	X																											
LCS 180-331573/59		1 T	21:46	X																											
ZZZZZZ			21:57																												
RINSE 180-331573/61			22:08																												
ZZZZZZ			22:14																												
RINSE 180-331573/63			22:25																												
ZZZZZZ			22:31																												
RINSE 180-331573/65			22:42																												
ZZZZZZ			22:47																												
RINSE 180-331573/67			22:59																												
180-111287-1		1 T	23:04	X																											
RINSE 180-331573/69			23:15																												
CCV 180-331573/70		1	23:21	X																											
CCB 180-331573/71		1	23:27	X																											
180-111287-2		1 T	23:32	X																											
RINSE 180-331573/73			23:43																												
180-111287-3		1 T	23:49	X																											
RINSE 180-331573/75			00:00																												
180-111287-4		1 T	00:06	X																											
RINSE 180-331573/77			00:17																												
180-111287-5		1 T	00:22	X																											
RINSE 180-331573/79			00:34																												
180-111287-6		1 T	00:39	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/28/2020 13:13 End Date: 09/29/2020 02:53

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				T O C D																											
RINSE 180-331573/81			00:50																												
180-111287-7	1	T	00:56	X																											
RINSE 180-331573/83			01:07																												
CCV 180-331573/84	1		01:13	X																											
CCB 180-331573/85	1		01:18	X																											
180-111287-8	1	T	01:24	X																											
RINSE 180-331573/87			01:35																												
180-111287-9	1	T	01:41	X																											
RINSE 180-331573/89			01:52																												
180-111287-10	1	T	01:57	X																											
RINSE 180-331573/91			02:08																												
180-111287-11	1	T	02:14	X																											
RINSE 180-331573/93			02:25																												
180-111287-12	1	T	02:31	X																											
RINSE 180-331573/95			02:42																												
CCV 180-331573/96	1		02:48	X																											
CCB 180-331573/97	1		02:53	X																											

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/29/2020 12:52 End Date: 09/30/2020 02:28

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-331767/1			12:52																												
CCV 180-331767/2	1		12:57	X																											
CCB 180-331767/3	1		13:03	X																											
MB 180-331767/4	1	T	13:25	X																											
LCS 180-331767/5	1	T	13:37	X																											
ZZZZZZ			13:48																												
RINSE 180-331767/7			13:59																												
ZZZZZZ			14:04																												
RINSE 180-331767/9			14:16																												
ZZZZZZ			14:21																												
RINSE 180-331767/11			14:32																												
ZZZZZZ			14:38																												
RINSE 180-331767/13			14:49																												
ZZZZZZ			14:55																												
RINSE 180-331767/15			15:06																												
CCV 180-331767/16	1		15:11	X																											
CCB 180-331767/17	1		15:17	X																											
ZZZZZZ			15:23																												
RINSE 180-331767/19			15:34																												
ZZZZZZ			15:39																												
RINSE 180-331767/21			15:50																												
ZZZZZZ			15:56																												
RINSE 180-331767/23			16:07																												
ZZZZZZ			16:13																												
RINSE 180-331767/25			16:24																												
ZZZZZZ			16:30																												
RINSE 180-331767/27			16:41																												
ZZZZZZ			16:47																												
RINSE 180-331767/29			17:27																												
CCV 180-331767/30	1		17:32	X																											
CCB 180-331767/31	1		17:38	X																											
ZZZZZZ			17:43																												
RINSE 180-331767/33			17:55																												
180-111287-13	1	T	18:00	X																											
RINSE 180-331767/35			18:11																												
180-111287-14	1	T	18:17	X																											
RINSE 180-331767/37			18:28																												
180-111287-15	1	T	18:34	X																											
RINSE 180-331767/39			18:45																												
180-111287-16	1	T	18:50	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/29/2020 12:52 End Date: 09/30/2020 02:28

Lab Sample Id	D/F	T y p e	Time	Analytes																			
				T O C D																			
RINSE 180-331767/41			19:02																				
180-111287-17	1	T	19:07	X																			
RINSE 180-331767/43			19:18																				
CCV 180-331767/44	1		19:24	X																			
CCB 180-331767/45	1		19:30	X																			
180-111287-18	1	T	19:35	X																			
RINSE 180-331767/47			19:46																				
180-111287-19	1	T	19:52	X																			
RINSE 180-331767/49			20:03																				
180-111287-22	1	T	20:09	X																			
RINSE 180-331767/51			20:20																				
180-111287-23	1	T	20:25	X																			
RINSE 180-331767/53			20:36																				
180-111287-24	1	T	20:42	X																			
RINSE 180-331767/55			20:53																				
CCV 180-331767/56	1		20:59	X																			
CCB 180-331767/57	1		21:04	X																			
MB 180-331767/58	1	T	21:10	X																			
LCS 180-331767/59	1	T	21:21	X																			
180-111287-34	1	T	21:32	X																			
RINSE 180-331767/61			21:43																				
180-111287-35	1	T	21:49	X																			
RINSE 180-331767/63			22:00																				
180-111287-36	1	T	22:06	X																			
RINSE 180-331767/65			22:17																				
ZZZZZZ			22:23																				
RINSE 180-331767/67			22:34																				
ZZZZZZ			22:39																				
RINSE 180-331767/69			22:50																				
CCV 180-331767/70	1		22:56	X																			
CCB 180-331767/71	1		23:02	X																			
ZZZZZZ			23:07																				
RINSE 180-331767/73			23:18																				
ZZZZZZ			23:24																				
RINSE 180-331767/75			23:35																				
ZZZZZZ			23:41																				
RINSE 180-331767/77			23:52																				
ZZZZZZ			23:57																				
RINSE 180-331767/79			00:09																				
ZZZZZZ			00:14																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/30/2020 14:04 End Date: 10/01/2020 03:26

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				T O C D																											
RINSE 180-331942/1			14:04																												
CCV 180-331942/2	1		14:09	X																											
CCB 180-331942/3	1		14:15	X																											
MB 180-331942/4	1	T	14:21	X																											
LCS 180-331942/5	1	T	14:32	X																											
ZZZZZZ			14:43																												
RINSE 180-331942/7			14:54																												
ZZZZZZ			15:00																												
RINSE 180-331942/9			15:11																												
ZZZZZZ			15:17																												
RINSE 180-331942/11			15:28																												
ZZZZZZ			15:33																												
RINSE 180-331942/13			15:45																												
180-111287-25	1	T	15:50	X																											
RINSE 180-331942/15			16:01																												
CCV 180-331942/16	1		16:07	X																											
CCB 180-331942/17	1		16:12	X																											
180-111287-26	1	T	16:18	X																											
RINSE 180-331942/19			16:29																												
180-111287-27	1	T	16:35	X																											
RINSE 180-331942/21			16:46																												
180-111287-28	1	T	16:52	X																											
RINSE 180-331942/23			17:03																												
180-111287-29	1	T	17:08	X																											
RINSE 180-331942/25			17:19																												
180-111287-30	1	T	17:25	X																											
RINSE 180-331942/27			17:37																												
180-111287-31	1	T	17:42	X																											
RINSE 180-331942/29			18:25																												
CCV 180-331942/30	1		18:30	X																											
CCB 180-331942/31	1		18:36	X																											
180-111287-32	1	T	18:41	X																											
RINSE 180-331942/33			18:52																												
180-111287-33	1	T	18:58	X																											
RINSE 180-331942/35			19:09																												
180-111287-37	1	T	19:15	X																											
RINSE 180-331942/37			19:26																												
180-111287-38	1	T	19:31	X																											
RINSE 180-331942/39			19:43																												
180-111287-38 MS	1	T	19:48	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 09/30/2020 14:04 End Date: 10/01/2020 03:26

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-331942/81			01:23																												
180-111287-53	1	T	01:29	X																											
RINSE 180-331942/83			01:40																												
180-111287-54	1	T	01:45	X																											
RINSE 180-331942/85			01:57																												
CCV 180-331942/86	1		02:02	X																											
CCB 180-331942/87	1		02:08	X																											
180-111287-55	1	T	02:13	X																											
RINSE 180-331942/89			02:25																												
180-111287-56	1	T	02:30	X																											
RINSE 180-331942/91			02:41																												
180-111287-57	1	T	02:47	X																											
RINSE 180-331942/93			02:58																												
ZZZZZZ			03:04																												
RINSE 180-331942/95			03:15																												
CCV 180-331942/96	1		03:20	X																											
CCB 180-331942/97	1		03:26	X																											

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/01/2020 13:54 End Date: 10/02/2020 03:08

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-332087/1			13:54																												
CCV 180-332087/2	1		14:00	X																											
CCB 180-332087/3	1		14:05	X																											
MB 180-332087/4	1	T	14:11	X																											
LCS 180-332087/5	1	T	14:22	X																											
ZZZZZZ			14:33																												
RINSE 180-332087/7			14:44																												
ZZZZZZ			14:50																												
RINSE 180-332087/9			15:01																												
ZZZZZZ			15:07																												
RINSE 180-332087/11			15:18																												
180-111287-21	1	T	15:24	X																											
RINSE 180-332087/13			15:35																												
180-111287-21 MS	1	T	15:40	X																											
RINSE 180-332087/15			15:51																												
CCV 180-332087/16	1		15:57	X																											
CCB 180-332087/17	1		16:03	X																											
180-111287-21 MSD	1	T	16:08	X																											
RINSE 180-332087/19			16:19																												
180-111287-52	1	T	16:25	X																											
RINSE 180-332087/21			16:36																												
180-111287-58	1	T	16:42	X																											
RINSE 180-332087/23			16:53																												
180-111287-59	1	T	16:59	X																											
RINSE 180-332087/25			17:10																												
180-111287-60	1	T	17:16	X																											
RINSE 180-332087/27			17:27																												
180-111287-61	1	T	17:32	X																											
RINSE 180-332087/29			18:07																												
CCV 180-332087/30	1		18:13	X																											
CCB 180-332087/31	1		18:18	X																											
180-111287-62	1	T	18:24	X																											
RINSE 180-332087/33			18:35																												
180-111287-63	1	T	18:40	X																											
RINSE 180-332087/35			18:52																												
180-111287-64	1	T	18:57	X																											
RINSE 180-332087/37			19:08																												
180-111287-65	1	T	19:14	X																											
RINSE 180-332087/39			19:25																												
180-111287-66	1	T	19:31	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/01/2020 13:54 End Date: 10/02/2020 03:08

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				T O C D																											
RINSE 180-332087/41			19:42																												
180-111287-67	1	T	19:47	X																											
RINSE 180-332087/43			19:59																												
CCV 180-332087/44	1		20:04	X																											
CCB 180-332087/45	1		20:10	X																											
180-111287-69	1	T	20:15	X																											
RINSE 180-332087/47			20:26																												
180-111287-70	1	T	20:32	X																											
RINSE 180-332087/49			20:43																												
180-111287-71	1	T	20:49	X																											
RINSE 180-332087/51			21:00																												
180-111287-72	1	T	21:06	X																											
RINSE 180-332087/53			21:17																												
180-111287-73	1	T	21:22	X																											
RINSE 180-332087/55			21:33																												
180-111287-74	1	T	21:39	X																											
RINSE 180-332087/57			21:50																												
CCV 180-332087/58	1		21:56	X																											
CCB 180-332087/59	1		22:01	X																											
MB 180-332087/60	1	T	22:07	X																											
LCS 180-332087/61	1	T	22:18	X																											
180-111287-68	1	T	22:29	X																											
RINSE 180-332087/63			22:40																												
180-111287-68 MS	1	T	22:46	X																											
RINSE 180-332087/65			22:57																												
180-111287-68 MSD	1	T	23:03	X																											
RINSE 180-332087/67			23:14																												
180-111287-75	1	T	23:20	X																											
RINSE 180-332087/69			23:31																												
180-111287-76	1	T	23:36	X																											
RINSE 180-332087/71			23:47																												
CCV 180-332087/72	1		23:53	X																											
CCB 180-332087/73	1		23:59	X																											
180-111287-77	1	T	00:04	X																											
RINSE 180-332087/75			00:15																												
180-111287-78	1	T	00:21	X																											
RINSE 180-332087/77			00:32																												
180-111287-79	1	T	00:38	X																											
RINSE 180-332087/79			00:49																												
180-111287-80	1	T	00:54	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/02/2020 12:36 End Date: 10/03/2020 01:41

Lab Sample Id	D/F	Type	Time	Analytes																			
				T	O	C	D																
RINSE 180-332233/1			12:36																				
CCV 180-332233/2	1		12:42	X																			
CCB 180-332233/3	1		12:47	X																			
MB 180-332233/4	1	T	12:53	X																			
LCS 180-332233/5	1	T	13:04	X																			
ZZZZZZ			13:15																				
RINSE 180-332233/7			13:27																				
ZZZZZZ			13:32																				
RINSE 180-332233/9			13:43																				
ZZZZZZ			13:49																				
RINSE 180-332233/11			14:00																				
ZZZZZZ			14:06																				
RINSE 180-332233/13			14:17																				
ZZZZZZ			14:22																				
RINSE 180-332233/15			14:34																				
CCV 180-332233/16	1		14:39	X																			
CCB 180-332233/17	1		14:45	X																			
ZZZZZZ			14:50																				
RINSE 180-332233/19			15:02																				
ZZZZZZ			15:07																				
RINSE 180-332233/21			15:18																				
ZZZZZZ			15:24																				
RINSE 180-332233/23			15:35																				
ZZZZZZ			15:41																				
RINSE 180-332233/25			15:52																				
180-111287-85	1	T	15:57	X																			
RINSE 180-332233/27			16:09																				
180-111287-86	1	T	16:14	X																			
RINSE 180-332233/29			16:25																				
CCV 180-332233/30	1		16:31	X																			
CCB 180-332233/31	1		16:49	X																			
180-111287-87	1	T	16:56	X																			
RINSE 180-332233/33			17:07																				
180-111287-88	1	T	17:13	X																			
RINSE 180-332233/35			17:24																				
180-111287-89	1	T	17:30	X																			
RINSE 180-332233/37			17:41																				
180-111287-90	1	T	17:46	X																			
RINSE 180-332233/39			17:57																				
180-111287-91	1	T	18:03	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/02/2020 12:36 End Date: 10/03/2020 01:41

Lab Sample Id	D/F	T y p e	Time	Analytes																			
				T O C D																			
RINSE 180-332233/41			18:14																				
180-111287-92	1	T	18:20	X																			
RINSE 180-332233/43			18:31																				
CCV 180-332233/44	1		18:36	X																			
CCB 180-332233/45	1		18:42	X																			
180-111287-93	1	T	18:48	X																			
RINSE 180-332233/47			18:59																				
180-111287-97	1	T	19:04	X																			
RINSE 180-332233/49			19:16																				
180-111287-98	1	T	19:21	X																			
RINSE 180-332233/51			19:32																				
ZZZZZZ			19:38																				
RINSE 180-332233/53			19:49																				
180-111287-100	1	T	19:55	X																			
RINSE 180-332233/55			20:06																				
CCV 180-332233/56	1		20:11	X																			
CCB 180-332233/57	1		20:17	X																			
MB 180-332233/58	1	T	20:23	X																			
LCS 180-332233/59	1	T	20:34	X																			
ZZZZZZ			20:45																				
RINSE 180-332233/61			20:56																				
ZZZZZZ			21:02																				
RINSE 180-332233/63			21:13																				
ZZZZZZ			21:18																				
RINSE 180-332233/65			21:30																				
180-111287-102	1	T	21:35	X																			
RINSE 180-332233/67			21:46																				
180-111287-103	1	T	21:52	X																			
RINSE 180-332233/69			22:03																				
CCV 180-332233/70	1		22:09	X																			
CCB 180-332233/71	1		22:14	X																			
180-111287-104	1	T	22:20	X																			
RINSE 180-332233/73			22:31																				
180-111287-105	1	T	22:37	X																			
RINSE 180-332233/75			22:48																				
180-111287-106	1	T	22:53	X																			
RINSE 180-332233/77			23:04																				
180-111287-107	1	T	23:10	X																			
RINSE 180-332233/79			23:21																				
180-111287-108	1	T	23:27	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/02/2020 12:36 End Date: 10/03/2020 01:41

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				T O C D																											
RINSE 180-332233/81			23:38																												
180-111287-110	1	T	23:44	X																											
RINSE 180-332233/83			23:55																												
CCV 180-332233/84	1		00:00	X																											
CCB 180-332233/85	1		00:06	X																											
180-111287-112	1	T	00:11	X																											
RINSE 180-332233/87			00:23																												
180-111287-113	1	T	00:28	X																											
RINSE 180-332233/89			00:39																												
180-111287-114	1	T	00:45	X																											
RINSE 180-332233/91			00:56																												
180-111287-115	1	T	01:02	X																											
RINSE 180-332233/93			01:13																												
180-111287-116	1	T	01:18	X																											
RINSE 180-332233/95			01:30																												
CCV 180-332233/96	1		01:35	X																											
CCB 180-332233/97	1		01:41	X																											

Prep Types: _____
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/04/2020 12:32 End Date: 10/05/2020 00:20

Lab Sample Id	D/F	T y p e	Time	Analytes																											
				T O C D																											
RINSE 180-332286/1			12:32																												
CCV 180-332286/2	1		12:37	X																											
CCB 180-332286/3	1		12:43	X																											
MB 180-332286/4	1	T	12:48	X																											
LCS 180-332286/5	1	T	12:59	X																											
180-111287-20	1	T	13:11	X																											
RINSE 180-332286/7			13:22																												
180-111287-20 MS	1	T	13:27	X																											
RINSE 180-332286/9			13:39																												
180-111287-20 MSD	1	T	13:44	X																											
RINSE 180-332286/11			13:55																												
180-111287-109	1	T	14:01	X																											
RINSE 180-332286/13			14:12																												
180-111287-111	1	T	14:18	X																											
RINSE 180-332286/15			14:29																												
CCV 180-332286/16	1		14:34	X																											
CCB 180-332286/17	1		14:40	X																											
180-111287-117	1	T	14:45	X																											
RINSE 180-332286/19			14:57																												
180-111287-118	1	T	15:02	X																											
RINSE 180-332286/21			15:13																												
180-111287-119	1	T	15:19	X																											
RINSE 180-332286/23			15:30																												
180-111287-120	1	T	15:36	X																											
RINSE 180-332286/25			15:47																												
180-111287-121	1	T	15:52	X																											
RINSE 180-332286/27			16:04																												
180-111287-122	1	T	16:09	X																											
RINSE 180-332286/29			16:37																												
CCV 180-332286/30	1		16:43	X																											
CCB 180-332286/31	1		16:48	X																											
180-111287-123	1	T	16:54	X																											
RINSE 180-332286/33			17:05																												
180-111287-124	1	T	17:11	X																											
RINSE 180-332286/35			17:22																												
180-111287-124 MS	1	T	17:27	X																											
RINSE 180-332286/37			17:39																												
180-111287-124 MSD	1	T	17:44	X																											
RINSE 180-332286/39			17:55																												
180-111287-126	1	T	18:01	X																											

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/04/2020 12:32 End Date: 10/05/2020 00:20

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-332286/41			18:12																												
180-111287-127	1	T	18:18	X																											
RINSE 180-332286/43			18:29																												
CCV 180-332286/44	1		18:34	X																											
CCB 180-332286/45	1		18:40	X																											
180-111287-128	1	T	18:45	X																											
RINSE 180-332286/47			18:57																												
180-111287-129	1	T	19:02	X																											
RINSE 180-332286/49			19:13																												
180-111287-130	1	T	19:19	X																											
RINSE 180-332286/51			19:30																												
180-111287-131	1	T	19:36	X																											
RINSE 180-332286/53			19:47																												
180-111287-132	1	T	19:52	X																											
RINSE 180-332286/55			20:04																												
180-111287-133	1	T	20:09	X																											
RINSE 180-332286/57			20:20																												
CCV 180-332286/58	1		20:26	X																											
CCB 180-332286/59	1		20:32	X																											
MB 180-332286/60	1	T	20:37	X																											
LCS 180-332286/61	1	T	20:48	X																											
180-111287-125	1	T	20:59	X																											
RINSE 180-332286/63			21:11																												
180-111287-125 MS	1	T	21:16	X																											
RINSE 180-332286/65			21:27																												
180-111287-125 MSD	1	T	21:33	X																											
RINSE 180-332286/67			21:44																												
180-111287-134	1	T	21:50	X																											
RINSE 180-332286/69			22:01																												
180-111287-135	1	T	22:06	X																											
RINSE 180-332286/71			22:18																												
CCV 180-332286/72	1		22:23	X																											
CCB 180-332286/73	1		22:29	X																											
180-111287-136	1	T	22:34	X																											
RINSE 180-332286/75			22:46																												
180-111287-137	1	T	22:51	X																											
RINSE 180-332286/77			23:02																												
ZZZZZZ			23:08																												
RINSE 180-332286/79			23:19																												
ZZZZZZ			23:25																												

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/05/2020 13:55 End Date: 10/06/2020 02:47

Lab Sample Id	D/F	Type	Time	Analytes																			
				T	O	C	D																
RINSE 180-332397/1			13:55																				
CCV 180-332397/2			14:01																				
CCB 180-332397/3			14:07																				
ZZZZZZ			14:12																				
ZZZZZZ			14:24																				
ZZZZZZ			14:36																				
RINSE 180-332397/7			14:48																				
ZZZZZZ			14:53																				
RINSE 180-332397/9			15:04																				
ZZZZZZ			15:10																				
RINSE 180-332397/11			15:21																				
ZZZZZZ			15:27																				
RINSE 180-332397/13			15:38																				
ZZZZZZ			15:43																				
RINSE 180-332397/15			15:55																				
CCV 180-332397/16			16:00																				
CCB 180-332397/17			16:06																				
ZZZZZZ			16:11																				
RINSE 180-332397/19			16:22																				
ZZZZZZ			16:28																				
RINSE 180-332397/21			16:39																				
ZZZZZZ			16:45																				
RINSE 180-332397/23			16:56																				
ZZZZZZ			17:02																				
RINSE 180-332397/25			17:13																				
ZZZZZZ			17:19																				
RINSE 180-332397/27			17:31																				
ZZZZZZ			17:36																				
RINSE 180-332397/29			18:03																				
CCV 180-332397/30			18:08																				
CCB 180-332397/31			18:14																				
ZZZZZZ			18:19																				
RINSE 180-332397/33			18:31																				
ZZZZZZ			18:36																				
RINSE 180-332397/35			18:47																				
ZZZZZZ			18:53																				
RINSE 180-332397/37			19:04																				
ZZZZZZ			19:10																				
RINSE 180-332397/39			19:21																				
ZZZZZZ			19:26																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Pittsburgh Job No.: 180-111287-1

SDG No.: _____

Instrument ID: FLASHEA Analysis Method: EPA-Lloyd Kahn

Start Date: 10/05/2020 13:55 End Date: 10/06/2020 02:47

Lab Sample Id	D/F	Type	Time	Analytes																											
				T	O	C	D																								
RINSE 180-332397/81			01:01																												
ZZZZZZ			01:07																												
RINSE 180-332397/83			01:18																												
CCV 180-332397/84	1		01:24	X																											
CCB 180-332397/85	1		01:29	X																											
ZZZZZZ			01:35																												
RINSE 180-332397/87			01:46																												
180-111287-96	1	T	01:52	X																											
RINSE 180-332397/89			02:03																												
180-111287-99	1	T	02:08	X																											
RINSE 180-332397/91			02:20																												
180-111287-101	1	T	02:25	X																											
RINSE 180-332397/93			02:36																												
CCV 180-332397/94	1		02:42	X																											
CCB 180-332397/95	1		02:47	X																											

Prep Types: _____
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332658 Batch Start Date: 10/07/20 19:13 Batch Analyst: Mastalski, Tessa A

Batch Method: 2540G Batch End Date: 10/08/20 16:44

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-2	ES-02_091620_SED 01-03	2540G	T	FXMAW 0.1192	2.54 g	8.83 g	5.23 g		
180-111287-A-2 DU	ES-02_091620_SED 01-03	2540G	T	FXM3Z 0.1121	2.51 g	8.69 g	5.16 g		
180-111287-A-1	ES-02_091620_SED 00-01	2540G	T	FXM41 0.1152	2.50 g	9.35 g	5.00 g		
180-111287-A-3	ES-02_091620_SED 03-05	2540G	T	FXM42 0.1123	2.52 g	9.52 g	5.75 g		
180-111287-A-4	FRB-02_091520_SE D 00-01	2540G	T	ITPHP 0.1114	2.56 g	9.19 g	6.89 g		
180-111287-A-5	FRB-02_091520_SE D 01-03	2540G	T	ITPHQ 0.1123	2.53 g	8.85 g	6.33 g		
180-111287-A-6	FRB-02_091520_SE D 03-05	2540G	T	ITPHR 0.1123	2.53 g	8.75 g	6.74 g		
180-111287-A-7	VN-02-04_091620_ SED 00-01	2540G	T	ITPHS 0.1127	2.53 g	8.69 g	4.42 g		
180-111287-A-8	VN-02-04_091620_ SED 01-03	2540G	T	ITPHT 0.1124	2.54 g	8.96 g	4.90 g		
180-111287-A-9	VN-02-04_091620_ SED 03-05	2540G	T	ITPHU 0.1148	2.53 g	9.07 g	5.16 g		
180-111287-A-11	VN-MU3-GC-1_0916 20 SED 01-03	2540G	T	ITPHV 0.1139	2.53 g	9.02 g	5.61 g		
180-111287-A-11 DU	VN-MU3-GC-1_0916 20 SED 01-03	2540G	T	ITPHW 0.1155	2.50 g	9.28 g	5.72 g		
180-111287-A-10	VN-MU3-GC-1_0916 20 SED 00-01	2540G	T	ITPHX 0.1153	2.51 g	8.58 g	4.62 g		
180-111287-A-12	VN-MU3-GC-1_0916 20 SED 03-05	2540G	T	ITPHY 0.1166	2.53 g	8.24 g	5.08 g		
180-111287-A-13	ADD-01_091620_SE D 00-01	2540G	T	ITP79 0.1146	2.55 g	9.74 g	5.60 g		
180-111287-A-14	ADD-01_091620_SE D 01-03	2540G	T	ITP7B 0.1141	2.53 g	9.25 g	5.27 g		
180-111287-A-15	ADD-01_091620_SE D 03-05	2540G	T	ITP7B 0.1141	2.54 g	10.86 g	6.42 g		
180-111287-A-16	ADD-02_091620_SE D 00-01	2540G	T	ITP7C 0.1123	2.53 g	8.56 g	5.83 g		
180-111287-A-17	ADD-02_091620_SE D 01-03	2540G	T	ITP7D 0.1133	2.52 g	9.99 g	6.42 g		
180-111287-A-18	ADD-02_091620_SE D 03-05	2540G	T	ITP7E 0.1148	2.52 g	10.78 g	6.47 g		
180-111287-A-19	OR-T1-C3_091620_ SED 00-01	2540G	T	ITP7F 0.1141	2.54 g	9.76 g	5.60 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332658 Batch Start Date: 10/07/20 19:13 Batch Analyst: Mastalski, Tessa A

Batch Method: 2540G Batch End Date: 10/08/20 16:44

Batch Notes	
Balance ID	1126472457
Batch Comment	COMPLETED BY: PMH
Date and Time Samples in Desiccator	10/08/2020 14:51
Date and Time Samples out of Desiccator	10/08/2020 16:40
Date samples were placed in the oven	10/07/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	19:34
Date samples were removed from oven	10/08/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	14:48
Oven ID	OVEN#3
Thermometer ID	WET-34 (WC) CF=0
Temperature - Start - Uncorrected	104 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332661 Batch Start Date: 10/07/20 19:43 Batch Analyst: Mastalski, Tessa A

Batch Method: 2540G Batch End Date: 10/08/20 16:54

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-20	OR-T1-C3_091620_ SED 01-03	2540G	T	ITP6J 0.1167	2.53 g	8.59 g	4.99 g		
180-111287-A-20 DU	OR-T1-C3_091620_ SED 01-03	2540G	T	ITP6K 0.1149	2.54 g	8.87 g	5.07 g		
180-111287-A-21	OR-T1-C3_091620_ SED 03-05	2540G	T	ITP6L 0.1123	2.50 g	9.52 g	5.30 g		
180-111287-A-22	OR-T1-C5_091620_ SED 00-01	2540G	T	ITP6M 0.1129	2.49 g	8.45 g	5.16 g		
180-111287-A-23	OR-T1-C5_091620_ SED 01-03	2540G	T	ITP6N 0.1154	2.50 g	8.76 g	5.19 g		
180-111287-A-24	OR-T1-C5_091620_ SED 03-05	2540G	T	ITP6P 0.1132	2.57 g	8.90 g	5.34 g		

Batch Notes	
Balance ID	1126472457
Batch Comment	COMPLETED BY: PMH
Date and Time Samples in Desiccator	10/08/2020 14:51
Date and Time Samples out of Desiccator	10/08/2020 16:49
Date samples were placed in the oven	10/07/2020
Oven Temp In	104 Degrees C
Time samples were place in the oven	20:06
Date samples were removed from oven	10/08/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	14:48
Oven ID	OVEN#3
Thermometer ID	WET-34 (WC) CF=0
Temperature - Start - Uncorrected	104 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332787 Batch Start Date: 10/08/20 20:46 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 17:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-25	BU-01-01_091720_ SED 00-01	2540G	T	A4	1.01 g	6.73 g	3.42 g		
180-111287-A-26	BU-01-01_091720_ SED 00-01 DUP	2540G	T	A5	1.00 g	7.80 g	3.57 g		
180-111287-A-27	BU-01-01_091720_ SED 01-03	2540G	T	A6	1.01 g	7.85 g	3.73 g		
180-111287-A-28	BU-01-01_091720_ SED 01-03 DUP	2540G	T	A7	1.01 g	6.79 g	3.53 g		
180-111287-A-29	BU-01-01_091720_ SED 03-05	2540G	T	A8	1.02 g	7.97 g	3.88 g		
180-111287-A-30	BU-01-01_091720_ SED 03-05 DUP	2540G	T	A9	1.00 g	7.34 g	3.40 g		
180-111287-A-31	MMSW-C_091720_SE D 00-01	2540G	T	A10	1.01 g	6.46 g	2.58 g		
180-111287-A-32	MMSW-C_091720_SE D 01-03	2540G	T	A11	1.02 g	10.14 g	3.64 g		
180-111287-A-33	MMSW-C_091720_SE D 03-05	2540G	T	A12	1.01 g	6.63 g	2.48 g		
180-111287-A-33 DU	MMSW-C_091720_SE D 03-05	2540G	T	A13	1.01 g	6.77 g	2.51 g		
180-111287-A-34	OV-04_091620_SE D 00-01	2540G	T	A14	1.00 g	6.13 g	4.59 g		
180-111287-A-35	OV-04_091620_SE D 01-03	2540G	T	A15	1.02 g	7.30 g	5.98 g		
180-111287-A-36	OV-04_091620_SE D 03-05	2540G	T	A16	1.01 g	8.63 g	7.29 g		
180-111287-A-37	OB-01_091720_SE D 00-01	2540G	T	A17	1.01 g	6.67 g	2.65 g		
180-111287-A-38	OB-01_091720_SE D 01-03	2540G	T	A18	1.01 g	6.70 g	2.95 g		
180-111287-A-39	OB-01_091720_SE D 03-05	2540G	T	A19	1.03 g	7.42 g	3.23 g		
180-111287-A-40	OR-T1-C1_091720_ SED 00-01	2540G	T	A20	0.99 g	7.25 g	3.17 g		
180-111287-A-41	OR-T1-C1_091720_ SED 00-01 DUP	2540G	T	A21	1.00 g	6.64 g	2.95 g		
180-111287-A-42	OR-T1-C1_091720_ SED 01-03	2540G	T	A22	0.99 g	7.39 g	3.54 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332787 Batch Start Date: 10/08/20 20:46 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 17:10

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 17:10
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	21:02
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332788 Batch Start Date: 10/08/20 21:08 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-43	OR-T1-C1_091720_ SED 01-03 DUP	2540G	T	B1	1.00 g	6.80 g	3.34 g		
180-111287-A-43 DU	OR-T1-C1_091720_ SED 01-03 DUP	2540G	T	B2	1.01 g	6.06 g	3.04 g		
180-111287-A-44	OR-T1-C1_091720_ SED 03-05	2540G	T	B3	0.99 g	7.67 g	3.66 g		
180-111287-A-45	PBR-28_091720_SE D 00-01	2540G	T	B4	1.00 g	6.80 g	2.87 g		
180-111287-A-46	W-17-N_091720_SE D 00-01	2540G	T	B5	1.02 g	6.90 g	2.47 g		
180-111287-A-47	W-17-N_091720_SE D 01-03	2540G	T	B6	1.01 g	9.23 g	2.75 g		
180-111287-A-48	W-17-N_091720_SE D 03-05	2540G	T	B7	1.00 g	7.09 g	2.29 g		
180-111287-A-49	OR-T1-C1_091720_ SED 03-05 DUP	2540G	T	B8	1.00 g	6.52 g	3.32 g		
180-111287-A-50	OV-01_091820_SE D 00-01	2540G	T	B9	0.97 g	8.65 g	8.19 g		
180-111287-A-51	OV-01_091820_SE D 01-03	2540G	T	B10	1.00 g	9.82 g	9.12 g		
180-111287-A-52	OV-01_091820_SE D 03-05	2540G	T	B11	1.00 g	7.69 g	7.19 g		
180-111287-A-53	PBR-28_091720_SE D 00-01 DUP	2540G	T	B12	1.00 g	6.12 g	2.78 g		
180-111287-A-53 DU	PBR-28_091720_SE D 00-01 DUP	2540G	T	B13	1.00 g	6.18 g	2.77 g		
180-111287-A-54	PBR-28_091720_SE D 01-03	2540G	T	B14	0.99 g	6.56 g	3.56 g		
180-111287-A-55	PBR-28_091720_SE D 01-03 DUP	2540G	T	B15	0.98 g	6.99 g	3.49 g		
180-111287-A-56	PBR-28_091720_SE D 03-05	2540G	T	B16	1.00 g	6.09 g	3.26 g		
180-111287-A-57	PBR-28_091720_SE D 03-05 DUP	2540G	T	B17	1.00 g	6.34 g	3.43 g		
180-111287-A-58	W-22-MID_091820_ SED 00-01	2540G	T	B18	1.00 g	6.82 g	3.37 g		
180-111287-A-59	W-22-MID_091820_ SED 01-03	2540G	T	B19	1.00 g	8.66 g	4.08 g		
180-111287-A-60	W-22-MID_091820_ SED 03-05	2540G	T	B20	1.00 g	7.10 g	3.45 g		
180-111287-A-61	MM-T2-C1_091820_ SED 00-01	2540G	T	B21	0.99 g	6.93 g	2.02 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332788 Batch Start Date: 10/08/20 21:08 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-62	MM-T2-C1_091820_ SED 01-03	2540G	T	B22	1.00 g	6.67 g	2.02 g		

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 19:15
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	21:22
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332789 Batch Start Date: 10/08/20 21:24 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:21

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-63	MM-T2-C1_091820_ SED 03-05	2540G	T	C1	1.00 g	8.20 g	2.30 g		
180-111287-A-63 DU	MM-T2-C1_091820_ SED 03-05	2540G	T	C2	1.00 g	8.38 g	2.31 g		
180-111287-A-64	MM-T5-C1_091820_ SED 00-01	2540G	T	C3	1.00 g	11.31 g	3.80 g		
180-111287-A-65	MM-T5-C1_091820_ SED 01-03	2540G	T	C4	1.01 g	7.46 g	2.62 g		
180-111287-A-66	MM-T5-C1_091820_ SED 03-05	2540G	T	C5	1.00 g	10.21 g	3.13 g		
180-111287-A-67	OB-05_091820_SED 00-01	2540G	T	C6	1.00 g	6.92 g	3.25 g		
180-111287-A-68	OB-05_091820_SED 01-03	2540G	T	C7	1.00 g	6.43 g	2.93 g		
180-111287-A-69	OB-05_091820_SED 03-05	2540G	T	C8	1.00 g	6.16 g	2.95 g		
180-111287-A-70	W-17-INTERTIDAL 091820 SED 00-01	2540G	T	C9	0.99 g	7.03 g	3.96 g		
180-111287-A-71	W-17-INTERTIDAL 091820 SED 01-03	2540G	T	C10	1.00 g	6.17 g	3.54 g		
180-111287-A-72	W-17-INTERTIDAL 091820 SED 03-05	2540G	T	C11	0.99 g	7.66 g	4.45 g		
180-111287-A-73	FF-08-02_091820_ SED 00-01	2540G	T	C12	1.00 g	6.44 g	3.07 g		
180-111287-A-73 DU	FF-08-02_091820_ SED 00-01	2540G	T	C13	0.99 g	6.20 g	2.98 g		
180-111287-A-74	FF-08-02_091820_ SED 00-01 DUP	2540G	T	C14	0.99 g	6.71 g	3.05 g		
180-111287-A-75	FF-08-02_091820_ SED 01-03	2540G	T	C15	0.99 g	6.89 g	3.46 g		
180-111287-A-76	FF-08-02_091820_ SED 01-03 DUP	2540G	T	C16	0.98 g	6.13 g	3.29 g		
180-111287-A-77	FF-08-02_091820_ SED 03-05	2540G	T	C17	1.00 g	7.72 g	4.15 g		
180-111287-A-78	FF-08-02_091820_ SED 03-05 DUP	2540G	T	C18	0.99 g	6.96 g	3.71 g		
180-111287-A-79	W-17-LOW_091820_ SED 00-01	2540G	T	C19	0.98 g	9.71 g	4.05 g		
180-111287-A-80	W-17-LOW_091820_ SED 01-03	2540G	T	C20	0.96 g	7.28 g	3.64 g		
180-111287-A-81	W-17-LOW_091820_ SED 03-05	2540G	T	C21	0.98 g	8.22 g	3.44 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332789 Batch Start Date: 10/08/20 21:24 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:21

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-82	W-61-INTERTIDAL 091820 SED 00-01	2540G	T	C22	0.99 g	6.66 g	3.23 g		

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 19:21
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	21:42
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332791 Batch Start Date: 10/08/20 21:45 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-83	W-61-INTERTIDAL_091820_SED 01-03	2540G	T	D1	1.00 g	6.19 g	3.17 g		
180-111287-A-83 DU	W-61-INTERTIDAL_091820_SED 01-03	2540G	T	D2	1.02 g	6.44 g	3.30 g		
180-111287-A-84	W-61-INTERTIDAL_091820_SED 03-05	2540G	T	D3	1.02 g	7.92 g	4.13 g		
180-111287-A-85	E-01-01_091920_S ED 00-01	2540G	T	D4	1.02 g	6.04 g	2.13 g		
180-111287-A-86	E-01-01_091920_S ED 00-01 DUP	2540G	T	D5	0.98 g	6.59 g	2.19 g		
180-111287-A-87	E-01-01_091920_S ED 01-03	2540G	T	D6	1.00 g	7.37 g	3.03 g		
180-111287-A-88	E-01-01_091920_S ED 01-03 DUP	2540G	T	D7	0.99 g	7.05 g	2.82 g		
180-111287-A-89	E-01-01_091920_S ED 03-05	2540G	T	D8	0.99 g	6.75 g	3.02 g		
180-111287-A-90	E-01-01_091920_S ED 03-05 DUP	2540G	T	D9	0.99 g	6.46 g	2.90 g		
180-111287-A-91	E-01-03_091920_S ED 00-01	2540G	T	D10	0.99 g	7.24 g	3.01 g		
180-111287-A-92	E-01-03_091920_S ED 01-03	2540G	T	D11	1.00 g	6.78 g	3.38 g		
180-111287-A-93	E-01-03_091920_S ED 03-05	2540G	T	D12	1.00 g	7.34 g	3.65 g		
180-111287-A-93 DU	E-01-03_091920_S ED 03-05	2540G	T	D13	1.02 g	8.88 g	4.33 g		
180-111287-A-94	SVE-01_091820_SE D 00-01	2540G	T	D14	1.01 g	6.29 g	3.81 g		
180-111287-A-95	SVE-01_091820_SE D 01-03	2540G	T	D15	1.01 g	6.84 g	3.54 g		
180-111287-A-96	SVE-01_091820_SE D 03-05	2540G	T	D16	1.00 g	7.73 g	4.40 g		
180-111287-A-97	CJ-04_092020_SED 00-01	2540G	T	D17	1.00 g	6.61 g	2.81 g		
180-111287-A-98	CJ-04_092020_SED 01-03	2540G	T	D18	1.01 g	6.46 g	3.04 g		
180-111287-A-99	E-01-04_091920_S ED 00-01	2540G	T	D19	1.01 g	7.04 g	4.21 g		
180-111287-A-10 0	E-01-04_091920_S ED 01-03	2540G	T	D20	1.00 g	6.71 g	3.93 g		
180-111287-A-10 1	E-01-04_091920_S ED 03-05	2540G	T	D21	0.99 g	7.10 g	4.73 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332791 Batch Start Date: 10/08/20 21:45 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:24

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-10 2	ES-FP_091920_SED 00-01	2540G	T	D22	1.01 g	6.38 g	3.58 g		

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 19:24
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	22:00
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332793 Batch Start Date: 10/08/20 21:54 Batch Analyst: Mastalski, Tessa A

Batch Method: 2540G Batch End Date: 10/09/20 19:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-103	ES-FP_091920_SED_01-03	2540G	T	M1	0.99 g	7.66 g	3.96 g		
180-111287-A-103 DU	ES-FP_091920_SED_01-03	2540G	T	M2	1.00 g	7.42 g	4.14 g		
180-111287-A-104	ES-FP_091920_SED_030-036	2540G	T	M3	1.00 g	7.05 g	3.64 g		
180-111287-A-105	L9-45_092020_SED_00-01	2540G	T	M4	0.99 g	6.09 g	2.90 g		
180-111287-A-106	L9-45_092020_SED_01-03	2540G	T	M5	0.99 g	6.33 g	3.11 g		
180-111287-A-107	L9-45_092020_SED_03-05	2540G	T	M6	0.99 g	6.38 g	3.12 g		
180-111287-A-108	OL-01_091920_SED_00-03	2540G	T	M7	1.00 g	6.29 g	4.84 g		
180-111287-A-109	BO-04_092120_SED_00-02	2540G	T	M8	1.00 g	7.34 g	2.57 g		
180-111287-A-110	CJ-04_092020_SED_03-05	2540G	T	M9	0.99 g	6.13 g	3.19 g		
180-111287-A-111	MM-T2-C3_092120_SED_00-01	2540G	T	M10	1.00 g	8.94 g	4.60 g		
180-111287-A-112	W-61-HIGH_092020_SED_00-01	2540G	T	M11	0.99 g	6.78 g	1.87 g		
180-111287-A-113	W-61-HIGH_092020_SED_01-03	2540G	T	M12	1.01 g	8.39 g	2.96 g		
180-111287-A-113 DU	W-61-HIGH_092020_SED_01-03	2540G	T	M13	1.01 g	8.41 g	2.97 g		
180-111287-A-114	W-61-HIGH_092020_SED_03-05	2540G	T	M14	1.01 g	6.27 g	4.47 g		
180-111287-A-115	W-61-LOW_092020_SED_00-01	2540G	T	M15	1.02 g	8.56 g	3.39 g		
180-111287-A-116	W-61-LOW_092020_SED_01-03	2540G	T	M16	1.00 g	7.61 g	3.44 g		
180-111287-A-117	W-61-LOW_092020_SED_03-05	2540G	T	M17	1.00 g	6.57 g	2.72 g		
180-111287-A-118	W-61-MID_092020_SED_00-01	2540G	T	M18	1.00 g	7.90 g	3.24 g		
180-111287-A-119	W-61-MID_092020_SED_01-03	2540G	T	M19	1.00 g	6.26 g	2.85 g		
180-111287-A-120	W-61-MID_092020_SED_03-05	2540G	T	M20	0.99 g	6.60 g	3.90 g		
180-111287-A-121	FRB-01_092120_SED_00-01	2540G	T	M21	1.01 g	7.61 g	2.40 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332793 Batch Start Date: 10/08/20 21:54 Batch Analyst: Mastalski, Tessa A

Batch Method: 2540G Batch End Date: 10/09/20 19:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-12 2	FRB-01_092120_SE D 01-03	2540G	T	M22	1.01 g	6.37 g	3.09 g		

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 19:29
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	22:11
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332794 Batch Start Date: 10/08/20 22:03 Batch Analyst: Hoelzle, Paloma MBatch Method: 2540G Batch End Date: 10/09/20 19:33

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
180-111287-A-123	FRB-01_092120_SE D 03-05	2540G	T	E1	0.99 g	6.72 g	3.78 g		
180-111287-A-123 DU	FRB-01_092120_SE D 03-05	2540G	T	E2	1.00 g	7.31 g	4.02 g		
180-111287-A-124	MM-T2-C3_092120_ SED 01-03	2540G	T	E3	0.98 g	7.35 g	3.58 g		
180-111287-A-125	MM-T2-C3_092120_ SED 03-05	2540G	T	E4	0.98 g	7.66 g	3.82 g		
180-111287-A-126	MM-T5-C3_092120_ SED 00-01	2540G	T	E5	0.98 g	9.43 g	3.43 g		
180-111287-A-127	MM-T5-C3_092120_ SED 01-03	2540G	T	E6	1.00 g	7.21 g	2.65 g		
180-111287-A-128	MM-T5-C3_092120_ SED 03-05	2540G	T	E7	1.01 g	6.52 g	2.61 g		
180-111287-A-129	W-17-HIGH_092120_ SED 00-01	2540G	T	E8	1.00 g	6.05 g	2.23 g		
180-111287-A-130	W-17-HIGH_092120_ SED 01-03	2540G	T	E9	1.00 g	6.75 g	2.26 g		
180-111287-A-131	W-17-HIGH_092120_ SED 03-05	2540G	T	E10	1.00 g	7.33 g	2.64 g		
180-111287-A-132	W-17-MID_092120_ SED 00-01	2540G	T	E11	0.98 g	10.17 g	3.54 g		
180-111287-A-133	MM-T1-C2_092120_ SED 00-01	2540G	T	E12	1.00 g	6.14 g	2.39 g		
180-111287-A-133 DU	MM-T1-C2_092120_ SED 00-01	2540G	T	E13	0.98 g	6.15 g	2.41 g		
180-111287-A-134	MM-T1-C2_092120_ SED 01-03	2540G	T	E14	0.99 g	7.01 g	2.93 g		
180-111287-A-135	MM-T1-C2_092120_ SED 03-05	2540G	T	E15	0.96 g	6.60 g	2.82 g		
180-111287-A-136	W-17-MID_092120_ SED 01-03	2540G	T	E16	0.98 g	13.10 g	3.62 g		
180-111287-A-137	W-17-MID_092120_ SED 03-05	2540G	T	E17	1.00 g	6.97 g	2.47 g		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332794 Batch Start Date: 10/08/20 22:03 Batch Analyst: Hoelzle, Paloma M

Batch Method: 2540G Batch End Date: 10/09/20 19:33

Batch Notes	
Balance ID	1126472457
Batch Comment	completed by: ELS
Date and Time Samples in Desiccator	10/09/2020 17:37
Date and Time Samples out of Desiccator	10/09/2020 19:33
Date samples were placed in the oven	10/08/2020
Oven Temp In	105 Degrees C
Time samples were place in the oven	22:15
Date samples were removed from oven	10/09/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	17:17
Oven ID	oven#3
Thermometer ID	wet- 34 (WC) CF=0
Temperature - Start - Uncorrected	105 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 331573 Batch Start Date: 09/28/20 13:13 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-331573/56		EPA-Lloyd Kahn				0.1 mL			
MB 180-331573/58		EPA-Lloyd Kahn		20.7 mg	20.7 mg				
LCS 180-331573/59		EPA-Lloyd Kahn		10.6 mg	10.6 mg		10.6 mg		
CCV 180-331573/70		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331573/84		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331573/96		EPA-Lloyd Kahn				0.1 mL			

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 331767 Batch Start Date: 09/29/20 12:52 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-331767/2		EPA-Lloyd Kahn				0.1 mL			
MB 180-331767/4		EPA-Lloyd Kahn		22.1 mg	22.1 mg				
LCS 180-331767/5		EPA-Lloyd Kahn		10.95 mg	10.95 mg		10.95 mg		
CCV 180-331767/16		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331767/30		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331767/44		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331767/56		EPA-Lloyd Kahn				0.1 mL			
MB 180-331767/58		EPA-Lloyd Kahn		22.7 mg	22.7 mg				
LCS 180-331767/59		EPA-Lloyd Kahn		9.8 mg	9.8 mg		9.8 mg		
CCV 180-331767/70		EPA-Lloyd Kahn				0.1 mL			

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 331942 Batch Start Date: 09/30/20 14:04 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-331942/2		EPA-Lloyd Kahn				0.1 mL			
MB 180-331942/4		EPA-Lloyd Kahn		23.15 mg	23.15 mg				
LCS 180-331942/5		EPA-Lloyd Kahn		10.7 mg	10.7 mg		10.7 mg		
CCV 180-331942/16		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331942/30		EPA-Lloyd Kahn				0.1 mL			
180-111287-A-38	OB-01_091720_SED 01-03	EPA-Lloyd Kahn	T	23.3 mg	23.3 mg				
180-111287-A-38 MS	OB-01_091720_SED 01-03	EPA-Lloyd Kahn	T	18.85 mg	18.85 mg		12.45 mg		
180-111287-A-38 MSD	OB-01_091720_SED 01-03	EPA-Lloyd Kahn	T	23.3 mg	23.3 mg		8.65 mg		
CCV 180-331942/44		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331942/58		EPA-Lloyd Kahn				0.1 mL			
MB 180-331942/60		EPA-Lloyd Kahn		23.55 mg	23.55 mg				
LCS 180-331942/61		EPA-Lloyd Kahn		10.1 mg	10.1 mg		10.1 mg		
180-111287-A-39	OB-01_091720_SED 03-05	EPA-Lloyd Kahn	T	22.5 mg	22.5 mg				
180-111287-A-39 MS	OB-01_091720_SED 03-05	EPA-Lloyd Kahn	T	22.75 mg	22.75 mg		9.3 mg		
180-111287-A-39 MSD	OB-01_091720_SED 03-05	EPA-Lloyd Kahn	T	23.15 mg	23.15 mg		8.9 mg		
CCV 180-331942/72		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331942/86		EPA-Lloyd Kahn				0.1 mL			
CCV 180-331942/96		EPA-Lloyd Kahn				0.1 mL			

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 331942 Batch Start Date: 09/30/20 14:04 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332087 Batch Start Date: 10/01/20 13:54 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-332087/2		EPA-Lloyd Kahn				0.1 mL			
MB 180-332087/4		EPA-Lloyd Kahn		24.0 mg	24.0 mg				
LCS 180-332087/5		EPA-Lloyd Kahn		10.3 mg	10.3 mg		10.3 mg		
180-111287-A-21	OR-T1-C3_091620_ SED 03-05	EPA-Lloyd Kahn	T	20.5 mg	20.5 mg				
180-111287-A-21 MS	OR-T1-C3_091620_ SED 03-05	EPA-Lloyd Kahn	T	21.85 mg	21.85 mg		9.2 mg		
CCV 180-332087/16		EPA-Lloyd Kahn				0.1 mL			
180-111287-A-21 MSD	OR-T1-C3_091620_ SED 03-05	EPA-Lloyd Kahn	T	17.7 mg	17.7 mg		8.5 mg		
CCV 180-332087/30		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332087/44		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332087/58		EPA-Lloyd Kahn				0.1 mL			
MB 180-332087/60		EPA-Lloyd Kahn		22.3 mg	22.3 mg				
LCS 180-332087/61		EPA-Lloyd Kahn		10.35 mg	10.35 mg		10.35 mg		
180-111287-A-68	OB-05_091820_ SED 01-03	EPA-Lloyd Kahn	T	22.1 mg	22.1 mg				
180-111287-A-68 MS	OB-05_091820_ SED 01-03	EPA-Lloyd Kahn	T	20.65 mg	20.65 mg		9.45 mg		
180-111287-A-68 MSD	OB-05_091820_ SED 01-03	EPA-Lloyd Kahn	T	21.65 mg	21.65 mg		9.2 mg		

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332233 Batch Start Date: 10/02/20 12:36 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-332233/2		EPA-Lloyd Kahn				0.1 mL			
MB 180-332233/4		EPA-Lloyd Kahn		25.0 mg	25.0 mg				
LCS 180-332233/5		EPA-Lloyd Kahn		9.9 mg	9.9 mg		9.9 mg		
CCV 180-332233/16		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332233/30		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332233/44		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332233/56		EPA-Lloyd Kahn				0.1 mL			
MB 180-332233/58		EPA-Lloyd Kahn		23.7 mg	23.7 mg				
LCS 180-332233/59		EPA-Lloyd Kahn		9.65 mg	9.65 mg		9.62 mg		

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332286 Batch Start Date: 10/04/20 12:32 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-332286/2		EPA-Lloyd Kahn				0.1 mL			
MB 180-332286/4		EPA-Lloyd Kahn		22.1 mg	22.1 mg				
LCS 180-332286/5		EPA-Lloyd Kahn		10.85 mg	10.85 mg		10.85 mg		
180-111287-A-20	OR-T1-C3_091620_ SED 01-03	EPA-Lloyd Kahn	T	22.75 mg	22.75 mg				
180-111287-A-20 MS	OR-T1-C3_091620_ SED 01-03	EPA-Lloyd Kahn	T	20.7 mg	20.7 mg		10.85 mg		
180-111287-A-20 MSD	OR-T1-C3_091620_ SED 01-03	EPA-Lloyd Kahn	T	22.95 mg	22.95 mg		9.7 mg		
CCV 180-332286/16		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332286/30		EPA-Lloyd Kahn				0.1 mL			
180-111287-A-12 4	MM-T2-C3_092120_ SED 01-03	EPA-Lloyd Kahn	T	18.2 mg	18.2 mg				
180-111287-A-12 4 MS	MM-T2-C3_092120_ SED 01-03	EPA-Lloyd Kahn	T	19.75 mg	19.75 mg		8.55 mg		
180-111287-A-12 4 MSD	MM-T2-C3_092120_ SED 01-03	EPA-Lloyd Kahn	T	20.05 mg	20.05 mg		9.05 mg		
CCV 180-332286/44		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332286/58		EPA-Lloyd Kahn				0.1 mL			
MB 180-332286/60		EPA-Lloyd Kahn		23.1 mg	23.1 mg				
LCS 180-332286/61		EPA-Lloyd Kahn		11.3 mg	11.3 mg		11.3 mg		
180-111287-A-12 5	MM-T2-C3_092120_ SED 03-05	EPA-Lloyd Kahn	T	17.3 mg	17.3 mg				
180-111287-A-12 5 MS	MM-T2-C3_092120_ SED 03-05	EPA-Lloyd Kahn	T	17.15 mg	17.15 mg		10.85 mg		
180-111287-A-12 5 MSD	MM-T2-C3_092120_ SED 03-05	EPA-Lloyd Kahn	T	17.65 mg	17.65 mg		10.85 mg		
CCV 180-332286/72		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332286/86		EPA-Lloyd Kahn				0.1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332286 Batch Start Date: 10/04/20 12:32 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Pittsbur Job No.: 180-111287-1

SDG No.: _____

Batch Number: 332397 Batch Start Date: 10/05/20 13:55 Batch Analyst: Ferguson, Donald

Batch Method: EPA-Lloyd Kahn Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LKTOCKHPL1 00029	LKTOCSRM 00040		
CCV 180-332397/56		EPA-Lloyd Kahn				0.1 mL			
MB 180-332397/58		EPA-Lloyd Kahn		22.5 mg	22.5 mg				
LCS 180-332397/59		EPA-Lloyd Kahn		10.0 mg	10.0 mg		10 mg		
CCV 180-332397/70		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332397/84		EPA-Lloyd Kahn				0.1 mL			
CCV 180-332397/94		EPA-Lloyd Kahn				0.1 Mgal/day			

Batch Notes	
Batch Comment	Ottawa sand 3442271
Phosphoric Acid ID	3826553

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332658
Method: 2540G

Analyst Initials: TAM
Instrument: No Equipment

Lab Sample ID: 180-111287-A-2

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.2337042925278	%
Percent Solids	None	1	42.7662957074722	%

Lab Sample ID: 180-111287-A-2 DU

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.1197411003236	%
Percent Solids	None	1	42.8802588996764	%

Lab Sample ID: 180-111287-A-1

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	63.5036496350365	%
Percent Solids	None	1	36.4963503649635	%

Lab Sample ID: 180-111287-A-3

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	53.8571428571429	%
Percent Solids	None	1	46.1428571428571	%

Lab Sample ID: 180-111287-A-4

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	34.6907993966817	%
Percent Solids	None	1	65.3092006033183	%

Lab Sample ID: 180-111287-A-5

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	39.873417721519	%
Percent Solids	None	1	60.126582278481	%

Lab Sample ID: 180-111287-A-6

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	32.3151125401929	%
Percent Solids	None	1	67.6848874598071	%

Lab Sample ID: 180-111287-A-7

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	69.3181818181818	%
Percent Solids	None	1	30.6818181818182	%

Lab Sample ID: 180-111287-A-8

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	63.2398753894081	%
Percent Solids	None	1	36.7601246105919	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332658 (Continued)
Method: 2540G**Analyst Initials: TAM**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-9****Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.7859327217125	%
Percent Solids	None	1	40.2140672782875	%

Lab Sample ID: 180-111287-A-11**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	52.5423728813559	%
Percent Solids	None	1	47.4576271186441	%

Lab Sample ID: 180-111287-A-11 DU**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	52.5073746312684	%
Percent Solids	None	1	47.4926253687316	%

Lab Sample ID: 180-111287-A-10**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.2388797364086	%
Percent Solids	None	1	34.7611202635914	%

Lab Sample ID: 180-111287-A-12**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	55.3415061295972	%
Percent Solids	None	1	44.6584938704028	%

Lab Sample ID: 180-111287-A-13**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.5799721835883	%
Percent Solids	None	1	42.4200278164117	%

Lab Sample ID: 180-111287-A-14**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.2261904761905	%
Percent Solids	None	1	40.7738095238095	%

Lab Sample ID: 180-111287-A-15**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	53.3653846153846	%
Percent Solids	None	1	46.6346153846154	%

Lab Sample ID: 180-111287-A-16**Analysis Date: Oct 07, 2020 19:13**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	45.273631840796	%
Percent Solids	None	1	54.726368159204	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332658 (Continued)
Method: 2540G

Analyst Initials: TAM
Instrument: No Equipment

Lab Sample ID: 180-111287-A-17

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	47.7911646586345	%
Percent Solids	None	1	52.2088353413655	%

Lab Sample ID: 180-111287-A-18

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	52.1791767554479	%
Percent Solids	None	1	47.8208232445521	%

Lab Sample ID: 180-111287-A-19

Analysis Date: Oct 07, 2020 19:13

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.617728531856	%
Percent Solids	None	1	42.382271468144	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332661
Method: 2540G

Analyst Initials: TAM
Instrument: No Equipment

Lab Sample ID: 180-111287-A-20

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.4059405940594	%
Percent Solids	None	1	40.5940594059406	%

Lab Sample ID: 180-111287-A-20 DU

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.0315955766193	%
Percent Solids	None	1	39.9684044233807	%

Lab Sample ID: 180-111287-A-21

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.1139601139601	%
Percent Solids	None	1	39.8860398860399	%

Lab Sample ID: 180-111287-A-22

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	55.2013422818792	%
Percent Solids	None	1	44.7986577181208	%

Lab Sample ID: 180-111287-A-23

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.0287539936102	%
Percent Solids	None	1	42.9712460063898	%

Lab Sample ID: 180-111287-A-24

Analysis Date: Oct 07, 2020 19:43

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	56.2401263823065	%
Percent Solids	None	1	43.7598736176935	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332787
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-25****Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.8671328671329	%
Percent Solids	None	1	42.1328671328671	%

Lab Sample ID: 180-111287-A-26**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	62.2058823529412	%
Percent Solids	None	1	37.7941176470588	%

Lab Sample ID: 180-111287-A-27**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.233918128655	%
Percent Solids	None	1	39.766081871345	%

Lab Sample ID: 180-111287-A-28**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	56.401384083045	%
Percent Solids	None	1	43.598615916955	%

Lab Sample ID: 180-111287-A-29**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.8489208633094	%
Percent Solids	None	1	41.1510791366906	%

Lab Sample ID: 180-111287-A-30**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	62.1451104100946	%
Percent Solids	None	1	37.8548895899054	%

Lab Sample ID: 180-111287-A-31**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	71.1926605504587	%
Percent Solids	None	1	28.8073394495413	%

Lab Sample ID: 180-111287-A-32**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	71.2719298245614	%
Percent Solids	None	1	28.7280701754386	%

Lab Sample ID: 180-111287-A-33**Analysis Date: Oct 08, 2020 20:46**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	73.8434163701068	%
Percent Solids	None	1	26.1565836298932	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332787 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-33 DU

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	73.9583333333333	%
Percent Solids	None	1	26.0416666666667	%

Lab Sample ID: 180-111287-A-34

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	30.0194931773879	%
Percent Solids	None	1	69.9805068226121	%

Lab Sample ID: 180-111287-A-35

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	21.0191082802548	%
Percent Solids	None	1	78.9808917197452	%

Lab Sample ID: 180-111287-A-36

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	17.5853018372703	%
Percent Solids	None	1	82.4146981627297	%

Lab Sample ID: 180-111287-A-37

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	71.0247349823322	%
Percent Solids	None	1	28.9752650176678	%

Lab Sample ID: 180-111287-A-38

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.9050966608084	%
Percent Solids	None	1	34.0949033391916	%

Lab Sample ID: 180-111287-A-39

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.5712050078247	%
Percent Solids	None	1	34.4287949921753	%

Lab Sample ID: 180-111287-A-40

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.1757188498403	%
Percent Solids	None	1	34.8242811501597	%

Lab Sample ID: 180-111287-A-41

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.4255319148936	%
Percent Solids	None	1	34.5744680851064	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332787 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-42

Analysis Date: Oct 08, 2020 20:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.15625	%
Percent Solids	None	1	39.84375	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332788
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-43****Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.6551724137931	%
Percent Solids	None	1	40.3448275862069	%

Lab Sample ID: 180-111287-A-43 DU**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.8019801980198	%
Percent Solids	None	1	40.1980198019802	%

Lab Sample ID: 180-111287-A-44**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.0299401197605	%
Percent Solids	None	1	39.9700598802395	%

Lab Sample ID: 180-111287-A-45**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.7586206896552	%
Percent Solids	None	1	32.2413793103448	%

Lab Sample ID: 180-111287-A-46**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	75.3401360544218	%
Percent Solids	None	1	24.6598639455782	%

Lab Sample ID: 180-111287-A-47**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.8321167883212	%
Percent Solids	None	1	21.1678832116788	%

Lab Sample ID: 180-111287-A-48**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.8177339901478	%
Percent Solids	None	1	21.1822660098522	%

Lab Sample ID: 180-111287-A-49**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.9710144927536	%
Percent Solids	None	1	42.0289855072464	%

Lab Sample ID: 180-111287-A-50**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	5.98958333333333	%
Percent Solids	None	1	94.0104166666667	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332788 (Continued)
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-51****Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.93650793650799	%
Percent Solids	None	1	92.063492063492	%

Lab Sample ID: 180-111287-A-52**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	7.473841554559	%
Percent Solids	None	1	92.526158445441	%

Lab Sample ID: 180-111287-A-53**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.234375	%
Percent Solids	None	1	34.765625	%

Lab Sample ID: 180-111287-A-53 DU**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.8301158301158	%
Percent Solids	None	1	34.1698841698842	%

Lab Sample ID: 180-111287-A-54**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	53.8599640933573	%
Percent Solids	None	1	46.1400359066427	%

Lab Sample ID: 180-111287-A-55**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.2362728785358	%
Percent Solids	None	1	41.7637271214642	%

Lab Sample ID: 180-111287-A-56**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	55.5992141453831	%
Percent Solids	None	1	44.4007858546169	%

Lab Sample ID: 180-111287-A-57**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	54.4943820224719	%
Percent Solids	None	1	45.5056179775281	%

Lab Sample ID: 180-111287-A-58**Analysis Date: Oct 08, 2020 21:08**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.2783505154639	%
Percent Solids	None	1	40.7216494845361	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332788 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-59

Analysis Date: Oct 08, 2020 21:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.7911227154047	%
Percent Solids	None	1	40.2088772845953	%

Lab Sample ID: 180-111287-A-60

Analysis Date: Oct 08, 2020 21:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.8360655737705	%
Percent Solids	None	1	40.1639344262295	%

Lab Sample ID: 180-111287-A-61

Analysis Date: Oct 08, 2020 21:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	82.6599326599327	%
Percent Solids	None	1	17.3400673400673	%

Lab Sample ID: 180-111287-A-62

Analysis Date: Oct 08, 2020 21:08

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	82.010582010582	%
Percent Solids	None	1	17.989417989418	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332789
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-63****Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	81.94444444444444	%
Percent Solids	None	1	18.05555555555556	%

Lab Sample ID: 180-111287-A-63 DU**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	82.2493224932249	%
Percent Solids	None	1	17.7506775067751	%

Lab Sample ID: 180-111287-A-64**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	72.8419010669253	%
Percent Solids	None	1	27.1580989330747	%

Lab Sample ID: 180-111287-A-65**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	75.0387596899225	%
Percent Solids	None	1	24.9612403100775	%

Lab Sample ID: 180-111287-A-66**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	76.8729641693811	%
Percent Solids	None	1	23.1270358306189	%

Lab Sample ID: 180-111287-A-67**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	61.9932432432432	%
Percent Solids	None	1	38.0067567567568	%

Lab Sample ID: 180-111287-A-68**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	64.4567219152855	%
Percent Solids	None	1	35.5432780847145	%

Lab Sample ID: 180-111287-A-69**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	62.2093023255814	%
Percent Solids	None	1	37.7906976744186	%

Lab Sample ID: 180-111287-A-70**Analysis Date: Oct 08, 2020 21:24**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	50.8278145695364	%
Percent Solids	None	1	49.1721854304636	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332789 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-71

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	50.8704061895551	%
Percent Solids	None	1	49.1295938104449	%

Lab Sample ID: 180-111287-A-72

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	48.1259370314843	%
Percent Solids	None	1	51.8740629685157	%

Lab Sample ID: 180-111287-A-73

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	61.9485294117647	%
Percent Solids	None	1	38.0514705882353	%

Lab Sample ID: 180-111287-A-73 DU

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	61.8042226487524	%
Percent Solids	None	1	38.1957773512476	%

Lab Sample ID: 180-111287-A-74

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	63.986013986014	%
Percent Solids	None	1	36.013986013986	%

Lab Sample ID: 180-111287-A-75

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.135593220339	%
Percent Solids	None	1	41.864406779661	%

Lab Sample ID: 180-111287-A-76

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	55.1456310679612	%
Percent Solids	None	1	44.8543689320388	%

Lab Sample ID: 180-111287-A-77

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	53.125	%
Percent Solids	None	1	46.875	%

Lab Sample ID: 180-111287-A-78

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	54.4388609715243	%
Percent Solids	None	1	45.5611390284757	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332789 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-79

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	64.8339060710195	%
Percent Solids	None	1	35.1660939289805	%

Lab Sample ID: 180-111287-A-80

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.5949367088608	%
Percent Solids	None	1	42.4050632911392	%

Lab Sample ID: 180-111287-A-81

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	66.0220994475138	%
Percent Solids	None	1	33.9779005524862	%

Lab Sample ID: 180-111287-A-82

Analysis Date: Oct 08, 2020 21:24

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.4938271604938	%
Percent Solids	None	1	39.5061728395062	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332791
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-83****Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.1888246628131	%
Percent Solids	None	1	41.8111753371869	%

Lab Sample ID: 180-111287-A-83 DU**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.9335793357934	%
Percent Solids	None	1	42.0664206642066	%

Lab Sample ID: 180-111287-A-84**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	54.9275362318841	%
Percent Solids	None	1	45.0724637681159	%

Lab Sample ID: 180-111287-A-85**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	77.8884462151394	%
Percent Solids	None	1	22.1115537848606	%

Lab Sample ID: 180-111287-A-86**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.4313725490196	%
Percent Solids	None	1	21.5686274509804	%

Lab Sample ID: 180-111287-A-87**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	68.1318681318681	%
Percent Solids	None	1	31.8681318681319	%

Lab Sample ID: 180-111287-A-88**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	69.8019801980198	%
Percent Solids	None	1	30.1980198019802	%

Lab Sample ID: 180-111287-A-89**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	64.7569444444444	%
Percent Solids	None	1	35.2430555555556	%

Lab Sample ID: 180-111287-A-90**Analysis Date: Oct 08, 2020 21:45**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	65.0822669104205	%
Percent Solids	None	1	34.9177330895795	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332791 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-91

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.68	%
Percent Solids	None	1	32.32	%

Lab Sample ID: 180-111287-A-92

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.8235294117647	%
Percent Solids	None	1	41.1764705882353	%

Lab Sample ID: 180-111287-A-93

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	58.2018927444795	%
Percent Solids	None	1	41.7981072555205	%

Lab Sample ID: 180-111287-A-93 DU

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.8880407124682	%
Percent Solids	None	1	42.1119592875318	%

Lab Sample ID: 180-111287-A-94

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	46.969696969697	%
Percent Solids	None	1	53.030303030303	%

Lab Sample ID: 180-111287-A-95

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	56.6037735849057	%
Percent Solids	None	1	43.3962264150943	%

Lab Sample ID: 180-111287-A-96

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	49.479940564636	%
Percent Solids	None	1	50.520059435364	%

Lab Sample ID: 180-111287-A-97

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.7361853832442	%
Percent Solids	None	1	32.2638146167558	%

Lab Sample ID: 180-111287-A-98

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	62.7522935779817	%
Percent Solids	None	1	37.2477064220183	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332791 (Continued)
Method: 2540G

Analyst Initials: PMH
Instrument: No Equipment

Lab Sample ID: 180-111287-A-99

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	46.9320066334992	%
Percent Solids	None	1	53.0679933665008	%

Lab Sample ID: 180-111287-A-100

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	48.6865148861646	%
Percent Solids	None	1	51.3134851138354	%

Lab Sample ID: 180-111287-A-101

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	38.7888707037643	%
Percent Solids	None	1	61.2111292962357	%

Lab Sample ID: 180-111287-A-102

Analysis Date: Oct 08, 2020 21:45

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	52.1415270018622	%
Percent Solids	None	1	47.8584729981378	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332793
Method: 2540G**Analyst Initials: TAM**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-103****Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	55.472263868066	%
Percent Solids	None	1	44.527736131934	%

Lab Sample ID: 180-111287-A-103 DU**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	51.0903426791277	%
Percent Solids	None	1	48.9096573208723	%

Lab Sample ID: 180-111287-A-104**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	56.3636363636364	%
Percent Solids	None	1	43.6363636363636	%

Lab Sample ID: 180-111287-A-105**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	62.5490196078431	%
Percent Solids	None	1	37.4509803921569	%

Lab Sample ID: 180-111287-A-106**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.2996254681648	%
Percent Solids	None	1	39.7003745318352	%

Lab Sample ID: 180-111287-A-107**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	60.4823747680891	%
Percent Solids	None	1	39.5176252319109	%

Lab Sample ID: 180-111287-A-108**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	27.4102079395085	%
Percent Solids	None	1	72.5897920604915	%

Lab Sample ID: 180-111287-A-109**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	75.2365930599369	%
Percent Solids	None	1	24.7634069400631	%

Lab Sample ID: 180-111287-A-110**Analysis Date: Oct 08, 2020 21:54**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.1984435797665	%
Percent Solids	None	1	42.8015564202335	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332793 (Continued)
Method: 2540G

Analyst Initials: TAM
Instrument: No Equipment

Lab Sample ID: 180-111287-A-111

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	54.6599496221662	%
Percent Solids	None	1	45.3400503778338	%

Lab Sample ID: 180-111287-A-112

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	84.8013816925734	%
Percent Solids	None	1	15.1986183074266	%

Lab Sample ID: 180-111287-A-113

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	73.5772357723577	%
Percent Solids	None	1	26.4227642276423	%

Lab Sample ID: 180-111287-A-113 DU

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	73.5135135135135	%
Percent Solids	None	1	26.4864864864865	%

Lab Sample ID: 180-111287-A-114

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	34.2205323193916	%
Percent Solids	None	1	65.7794676806084	%

Lab Sample ID: 180-111287-A-115

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	68.5676392572944	%
Percent Solids	None	1	31.4323607427056	%

Lab Sample ID: 180-111287-A-116

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	63.0862329803328	%
Percent Solids	None	1	36.9137670196672	%

Lab Sample ID: 180-111287-A-117

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	69.1202872531418	%
Percent Solids	None	1	30.8797127468582	%

Lab Sample ID: 180-111287-A-118

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.536231884058	%
Percent Solids	None	1	32.463768115942	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332793 (Continued)
Method: 2540G

Analyst Initials: TAM
Instrument: No Equipment

Lab Sample ID: 180-111287-A-119

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	64.828897338403	%
Percent Solids	None	1	35.171102661597	%

Lab Sample ID: 180-111287-A-120

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	48.1283422459893	%
Percent Solids	None	1	51.8716577540107	%

Lab Sample ID: 180-111287-A-121

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.9393939393939	%
Percent Solids	None	1	21.0606060606061	%

Lab Sample ID: 180-111287-A-122

Analysis Date: Oct 08, 2020 21:54

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	61.1940298507463	%
Percent Solids	None	1	38.8059701492537	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332794
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-123****Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	51.3089005235602	%
Percent Solids	None	1	48.6910994764398	%

Lab Sample ID: 180-111287-A-123 DU**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	52.1394611727417	%
Percent Solids	None	1	47.8605388272583	%

Lab Sample ID: 180-111287-A-124**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	59.1836734693878	%
Percent Solids	None	1	40.8163265306122	%

Lab Sample ID: 180-111287-A-125**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	57.4850299401198	%
Percent Solids	None	1	42.5149700598802	%

Lab Sample ID: 180-111287-A-126**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	71.0059171597633	%
Percent Solids	None	1	28.9940828402367	%

Lab Sample ID: 180-111287-A-127**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	73.4299516908213	%
Percent Solids	None	1	26.5700483091787	%

Lab Sample ID: 180-111287-A-128**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	70.961887477314	%
Percent Solids	None	1	29.038112522686	%

Lab Sample ID: 180-111287-A-129**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	75.6435643564356	%
Percent Solids	None	1	24.3564356435644	%

Lab Sample ID: 180-111287-A-130**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.0869565217391	%
Percent Solids	None	1	21.9130434782609	%

General Chemistry Raw Data Report

Job ID: 180-111287-1

Batch: 332794 (Continued)
Method: 2540G**Analyst Initials: PMH**
Instrument: No Equipment**Lab Sample ID: 180-111287-A-131****Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	74.0916271721959	%
Percent Solids	None	1	25.9083728278041	%

Lab Sample ID: 180-111287-A-132**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	72.1436343852013	%
Percent Solids	None	1	27.8563656147987	%

Lab Sample ID: 180-111287-A-133**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	72.9571984435798	%
Percent Solids	None	1	27.0428015564202	%

Lab Sample ID: 180-111287-A-133 DU**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	72.3404255319149	%
Percent Solids	None	1	27.6595744680851	%

Lab Sample ID: 180-111287-A-134**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.7740863787375	%
Percent Solids	None	1	32.2259136212625	%

Lab Sample ID: 180-111287-A-135**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	67.0212765957447	%
Percent Solids	None	1	32.9787234042553	%

Lab Sample ID: 180-111287-A-136**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	78.2178217821782	%
Percent Solids	None	1	21.7821782178218	%

Lab Sample ID: 180-111287-A-137**Analysis Date: Oct 08, 2020 22:03**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	75.3768844221106	%
Percent Solids	None	1	24.6231155778894	%

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092820A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 9/28/20 *BATCH 331573*

#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A092820001	Unk	1	0
13	CCV	A092820002	Unk	100	0
14	CCB	A092820003	Unk	20	0
15	MB	A092820004	Unk	22.4	0
16	MB	A092820005	Unk	27	0
17	LCS	A092820006	Unk	9.3	0
18	LCS	A092820007	Unk	10.9	0
19	180-110966-A-1	A092820008	Unk	18.5	0
20	180-110966-A-1	A092820009	Unk	18.7	0
21	Rinse	A092820010	Unk	1	0
22	180-110966-A-11	A092820011	Unk	19.8	0
23	180-110966-A-11	A092820012	Unk	23.1	0
24	Rinse	A092820013	Unk	1	0
25	180-111054-A-2	A092820014	Unk	24.6	0
26	180-111054-A-2	A092820015	Unk	26.3	0
27	Rinse	A092820016	Unk	1	0
28	180-111109-A-16	A092820017	Unk	21.1	0
29	180-111109-A-16	A092820018	Unk	20.4	0
30	Rinse	A092820019	Unk	1	0
31	180-111109-A-20	A092820020	Unk	21.3	0
32	180-111109-A-20	A092820021	Unk	23.5	0
33	Rinse	A092820022	Unk	1	0
34	CCV	A092820023	Unk	100	0
35	CCB	A092820024	Unk	20	0
36	180-111117-A-2	A092820025	Unk	18.4	0
37	180-111117-A-2	A092820026	Unk	19	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A092820027	Unk	1	0
39	180-111117-A-2 MS	A092820028	Unk	23.6	0
40	180-111117-A-2 MS	A092820029	Unk	24.4	0
41	Rinse	A092820030	Unk	1	0
42	180-111117-A-2 MSD	A092820031	Unk	29.5	0
43	180-111117-A-2 MSD	A092820032	Unk	31.5	0
44	Rinse	A092820033	Unk	1	0
45	180-111117-A-3	A092820034	Unk	19.7	0
46	180-111117-A-3	A092820035	Unk	22.5	0
47	Rinse	A092820036	Unk	1	0
48	180-111117-A-6	A092820037	Unk	18.8	0
49	180-111117-A-6	A092820038	Unk	13.7	0
50	Rinse	A092820039	Unk	1	0
51	180-111117-A-12	A092820040	Unk	19.7	0
52	180-111117-A-12	A092820041	Unk	20.6	0
53	Rinse	A092820042	Unk	1	0
54	CCV	A092820043	Unk	100	0
55	CCB	A092820044	Unk	20	0
56	180-111118-A-6	A092820045	Unk	24.4	0
57	180-111118-A-6	A092820046	Unk	21.6	0
58	Rinse	A092820047	Unk	1	0
59	180-111119-A-1	A092820048	Unk	20.1	0
60	180-111119-A-1	A092820049	Unk	20.8	0
61	Rinse	A092820050	Unk	1	0
62	180-111121-A-1	A092820051	Unk	19.1	0
63	180-111121-A-1	A092820052	Unk	22.8	0
64	Rinse	A092820053	Unk	1	0
65	180-111121-A-2	A092820054	Unk	22.2	0
66	180-111121-A-2	A092820055	Unk	18.7	0
67	Rinse	A092820056	Unk	1	0
68	180-111121-A-3	A092820057	Unk	19.3	0
69	180-111121-A-3	A092820058	Unk	21.4	0
70	Rinse	A092820059	Unk	1	0
71	180-111121-A-4	A092820060	Unk	20.6	0
72	180-111121-A-4	A092820061	Unk	25.2	0
73	Rinse	A092820062	Unk	1	0
74	CCV	A092820063	Unk	100	0
75	CCB	A092820064	Unk	20	0
76	180-111121-A-5	A092820065	Unk	23.2	0
77	180-111121-A-5	A092820066	Unk	25.8	0
78	Rinse	A092820067	Unk	1	0
79	180-111121-A-6	A092820068	Unk	22.9	0
80	180-111121-A-6	A092820069	Unk	21.2	0
81	Rinse	A092820070	Unk	1	0
82	180-111121-A-8	A092820071	Unk	18.1	0
83	180-111121-A-8	A092820072	Unk	23.6	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A092820073	Unk	1	0
85	180-111121-A-9	A092820074	Unk	22.4	0
86	180-111121-A-9	A092820075	Unk	24.3	0
87	Rinse	A092820076	Unk	1	0
88	180-111121-A-10	A092820077	Unk	23.6	0
89	180-111121-A-10	A092820078	Unk	24.8	0
90	Rinse	A092820079	Unk	1	0
91	CCV	A092820080	Unk	100	0
92	CCB	A092820081	Unk	20	0
93	MB	A092820082	Unk	20.1	0
94	MB	A092820083	Unk	21.3	0
95	LCS	A092820084	Unk	10.5	0
96	LCS	A092820085	Unk	10.7	0
97	180-111121-A-7	A092820086	Unk	18.6	0
98	180-111121-A-7	A092820087	Unk	22.3	0
99	Rinse	A092820088	Unk	1	0
100	180-111121-A-7MS	A092820089	Unk	16.9	0
101	180-111121-A-7MS	A092820090	Unk	20.9	0
102	Rinse	A092820091	Unk	1	0
103	180-111121-A-7MSD	A092820092	Unk	16.8	0
104	180-111121-A-7MSD	A092820093	Unk	22.1	0
105	Rinse	A092820094	Unk	1	0
106	180-111122-A-1	A092820095	Unk	24.3	0
107	180-111122-A-1	A092820096	Unk	18.4	0
108	Rinse	A092820097	Unk	1	0
109	180-111287-A-1	A092820098	Unk	22.6	0
110	180-111287-A-1	A092820099	Unk	21.5	0
111	Rinse	A092820100	Unk	1	0
112	CCV	A092820101	Unk	100	0
113	CCB	A092820102	Unk	20	0
114	180-111287-A-2	A092820103	Unk	20	0
115	180-111287-A-2	A092820104	Unk	19.3	0
116	Rinse	A092820105	Unk	1	0
117	180-111287-A-3	A092820106	Unk	21.2	0
118	180-111287-A-3	A092820107	Unk	19.7	0
119	Rinse	A092820108	Unk	1	0
120	180-111287-A-4	A092820109	Unk	22.8	0
121	180-111287-A-4	A092820110	Unk	21.7	0
122	Rinse	A092820111	Unk	1	0
123	180-111287-A-5	A092820112	Unk	22.2	0
124	180-111287-A-5	A092820113	Unk	20.7	0
125	Rinse	A092820114	Unk	1	0
126	180-111287-A-6	A092820115	Unk	18.4	0
127	180-111287-A-6	A092820116	Unk	19.3	0
128	Rinse	A092820117	Unk	1	0
129	180-111287-A-7	A092820118	Unk	16.8	0

#	Sample name	Filename	Type	Weight	Hum. %
130	180-111287-A-7	A092820119	Unk	20.8	0
131	Rinse	A092820120	Unk	1	0
132	CCV	A092820121	Unk	100	0
133	CCB	A092820122	Unk	20	0
134	180-111287-A-8	A092820123	Unk	18.3	0
135	180-111287-A-8	A092820124	Unk	19.2	0
136	Rinse	A092820125	Unk	1	0
137	180-111287-A-9	A092820126	Unk	20.6	0
138	180-111287-A-9	A092820127	Unk	20	0
139	Rinse	A092820128	Unk	1	0
140	180-111287-A-10	A092820129	Unk	23.8	0
141	180-111287-A-10	A092820130	Unk	20	0
142	Rinse	A092820131	Unk	1	0
143	180-111287-A-11	A092820132	Unk	20	0
144	180-111287-A-11	A092820133	Unk	20.8	0
145	Rinse	A092820134	Unk	1	0
146	180-111287-A-12	A092820135	Unk	16.7	0
147	180-111287-A-12	A092820136	Unk	21.8	0
148	Rinse	A092820137	Unk	1	0
149	CCV	A092820138	Unk	100	0
150	CCB	A092820139	Unk	20	0

Analyst: *A. Ferguson*

Date: *9/28/20*

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	22.4	
	MB	27.0	24.7
	LCS	9.3	
	LCS	10.9	10.1
180-11117-2	11117-2	18.4	
	-2	19.0	18.7
	11117-2 MS	23.6 + 10.4	
	-2 MS	25.4 + 8.6	24.5 + 9.5
	11117-2 MSD	29.5 + 7.7	
	-2 MSD	31.5 + 8.4	30.5 + 8.05
	MB	20.1	
	MB	21.3	20.7
	LCS	10.5	
	LCS	10.7	10.6
180-11121-7	11121-7	18.6	
	-7	22.3	20.45
	11121-7 MS	16.9 + 14.3	
	-7 MS	20.9 + 10.2	18.9 + 12.25
	11121-7 MSD	16.8 + 9.4	
	-7 MSD	22.1 + 11.6	19.45 + 10.5

Lloyd Kahn %RPD Replicate Calculation Spreadsheet

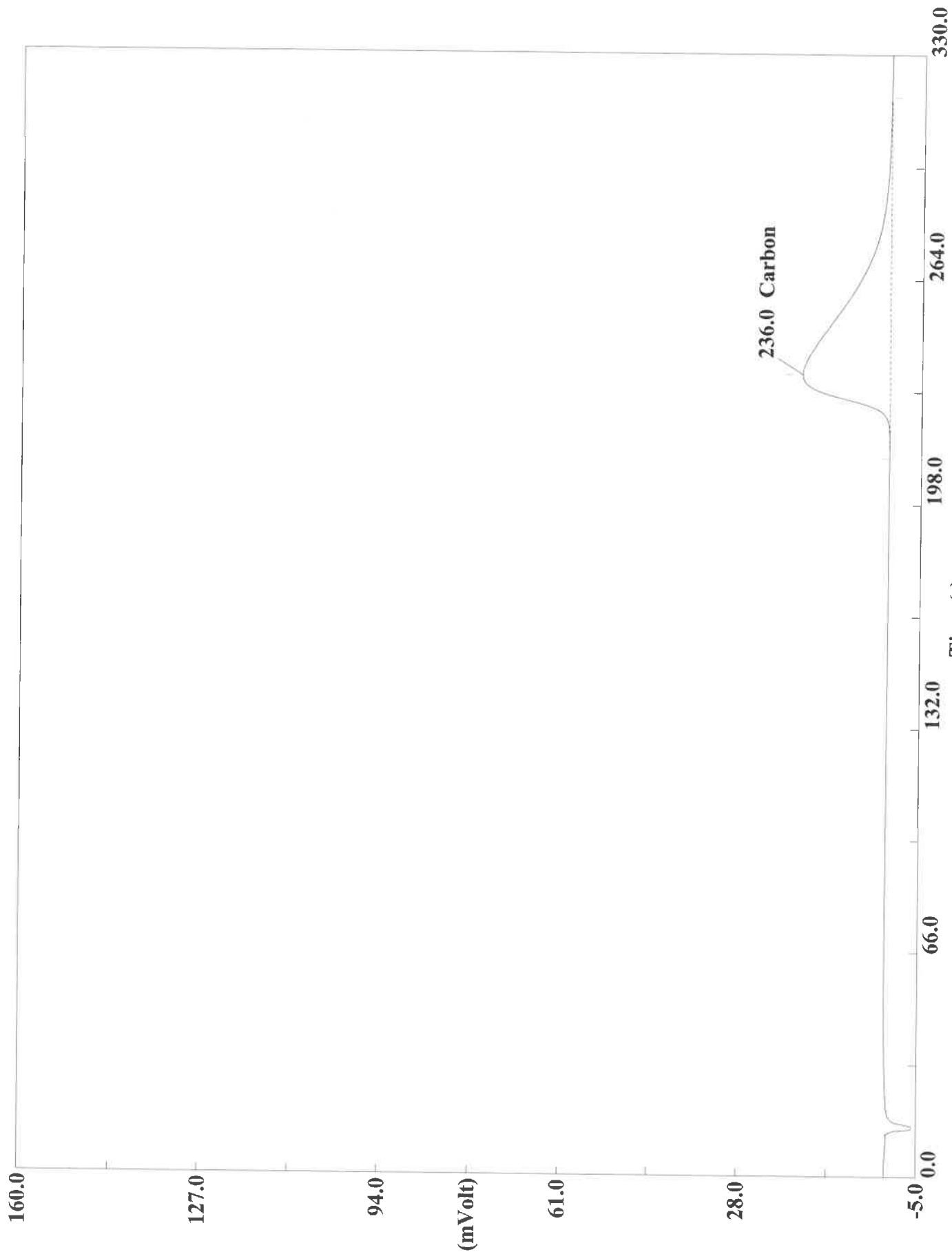
BATCH 331573

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0		
	MB	0.05383934	0.027	200.00
	LCS	3.40767741		
	LCS	3.58340025	3.496	5.03
	180-110966-A-1	0.42317173		
	180-110966-A-1	0.3144266	0.369	29.49
	180-110966-A-11	0.09747466		
	180-110966-A-11	0.15467052	0.126	45.37
	180-111054-A-2	0.08830736		
	180-111054-A-2	0.09998413	0.094	12.40
	180-111109-A-16	0.32752225		
	180-111109-A-16	0.32908377	0.328	0.48
	180-111109-A-20	0.87500489		
	180-111109-A-20	0.79234129	0.834	9.92
	180-111117-A-2	0.27341774		
	180-111117-A-2	0.27804092	0.276	1.68
	180-111117-A-2 MS	1.88672781		
	180-111117-A-2 MS	1.53800476	1.712	20.36
	180-111117-A-2 MSD	1.48091364		
	180-111117-A-2 MSD	2.79623008	2.139	61.50
	180-111117-A-3	0.38339457		
	180-111117-A-3	0.26048967	0.322	38.18
	180-111117-A-6	3.45796824		
	180-111117-A-6	3.22808051	3.343	6.88
	180-111117-A-12	3.3666575		
	180-111117-A-12	3.34826779	3.357	0.55
	180-111118-A-6	0.16504405		
	180-111118-A-6	0.14558858	0.155	12.53
	180-111119-A-1	0.1351897		
	180-111119-A-1	0.1233642	0.129	9.15
	180-111121-A-1	1.43810511		
	180-111121-A-1	1.92798114	1.683	29.11
	180-111121-A-2	1.6528399		
	180-111121-A-2	1.85332727	1.753	11.44
	180-111121-A-3	0.95070285		
	180-111121-A-3	0.90757489	0.929	4.64
	180-111121-A-4	0.08771461		
	180-111121-A-4	0.09190815	0.090	4.67
	180-111121-A-5	0.85976219		
	180-111121-A-5	0.78406131	0.822	9.21
	180-111121-A-6	0.80137074		
	180-111121-A-6	0.99900448	0.900	21.95
	180-111121-A-8	0.93444449		
	180-111121-A-8	0.98659098	0.961	5.43
	180-111121-A-9	0.08023047		
	180-111121-A-9	0.07152376	0.076	11.47
	180-111121-A-10	1.27779639		
	180-111121-A-10	1.3968879	1.337	8.91
	MB	0.08383619		
	MB	0.08051579	0.082	4.04

< MDL

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A09282002.DAT
Sample name :CCV Analysed :09/28/2020 13:18

Eager 300 Report

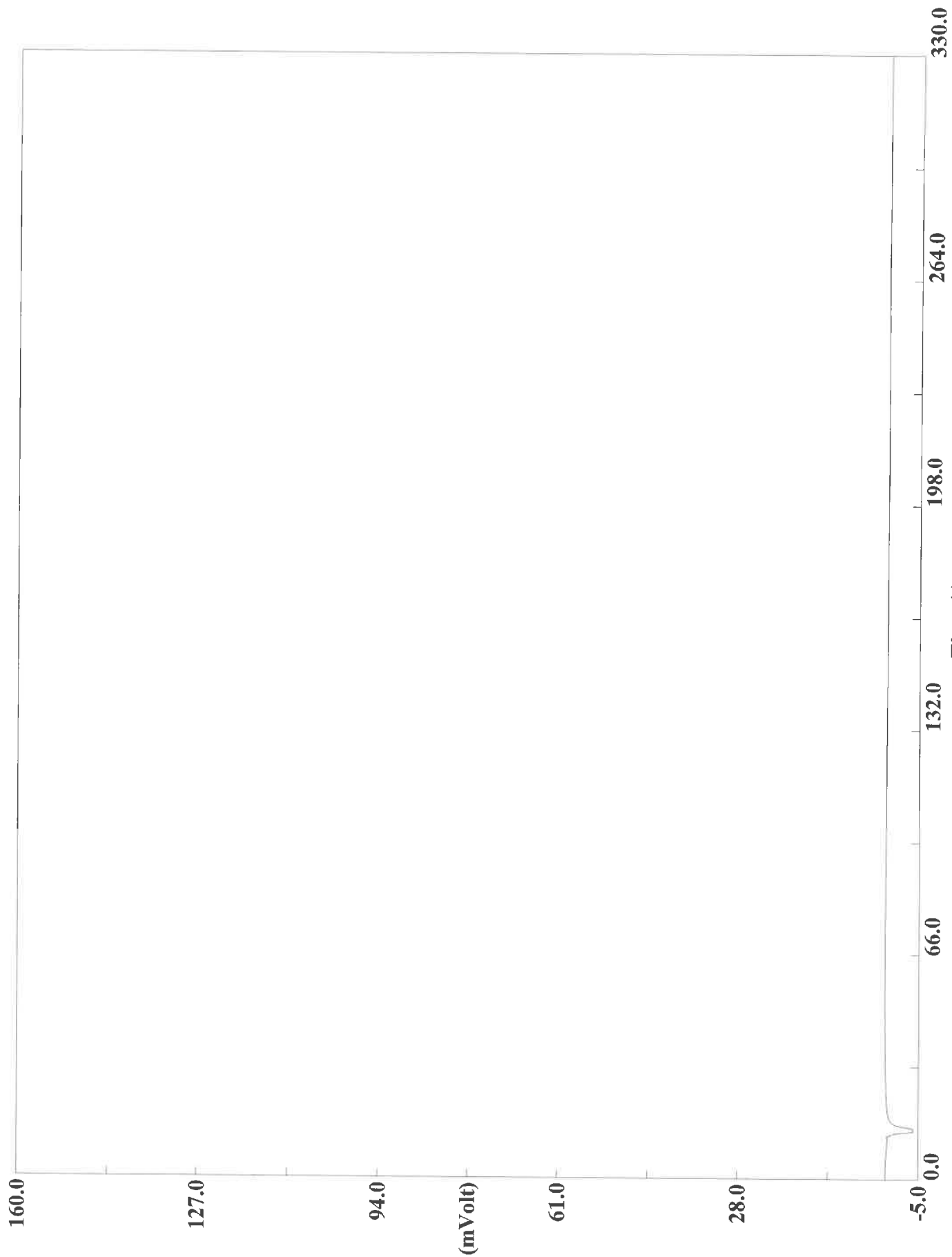
Page: 1 Sample: CCV (A092820002)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 13:18 Printed : 9/29/2020 06:41
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9505	236	4938962	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820003.DAT
Sample name :CCB Analysed :09/28/2020 13:24

Eager 300 Report

Page: 1 Sample: CCB (A092820003)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 13:24 Printed : 9/29/2020 06:41
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820004.DAT
Sample name :MB Analysed :09/28/2020 13:30

Eager 300 Report

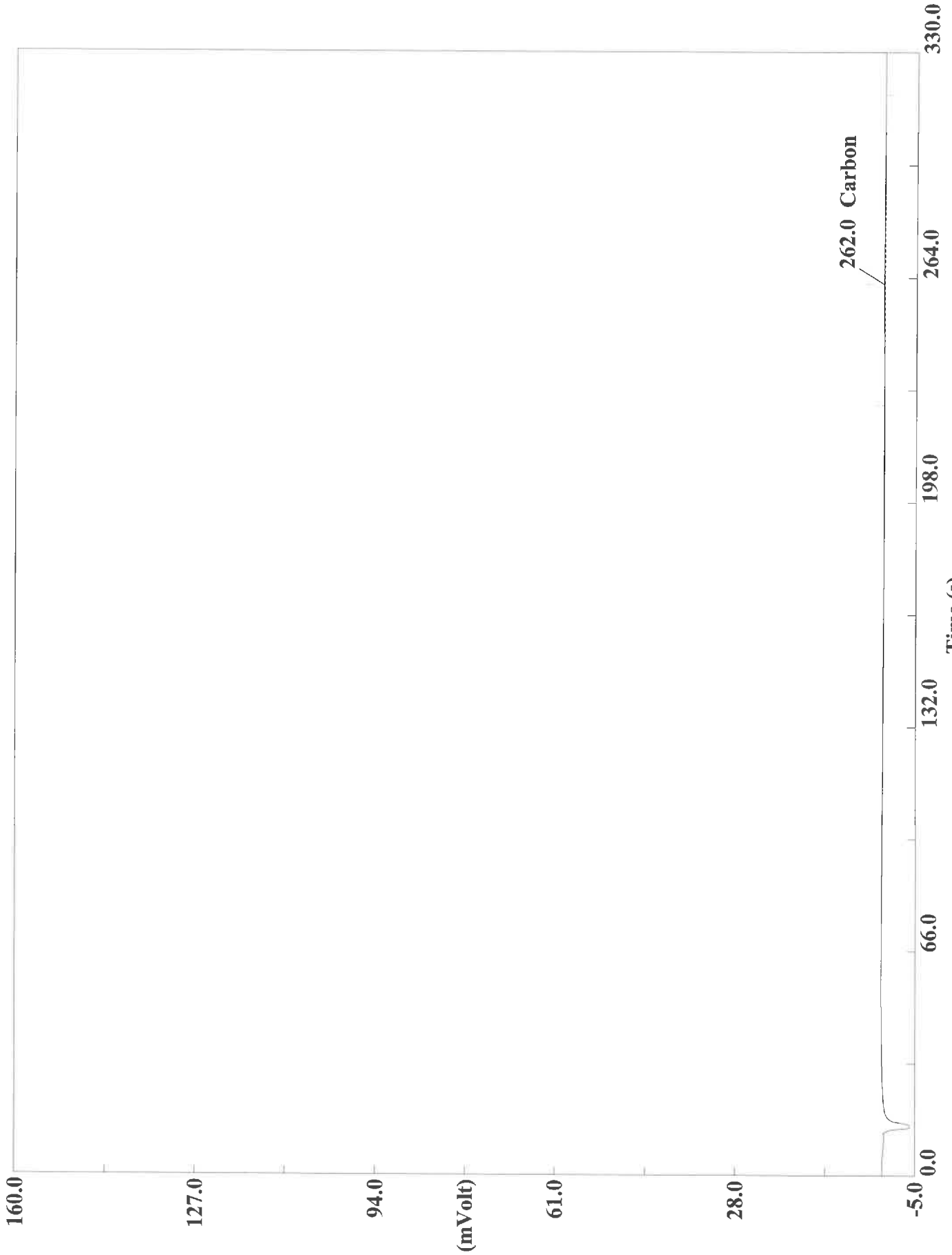
Page: 1 Sample: MB (A092820004)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 13:30 Printed : 9/29/2020 06:41
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A09282005.DAT
Sample name :MB Analysed :09/28/2020 13:35

Eager 300 Report

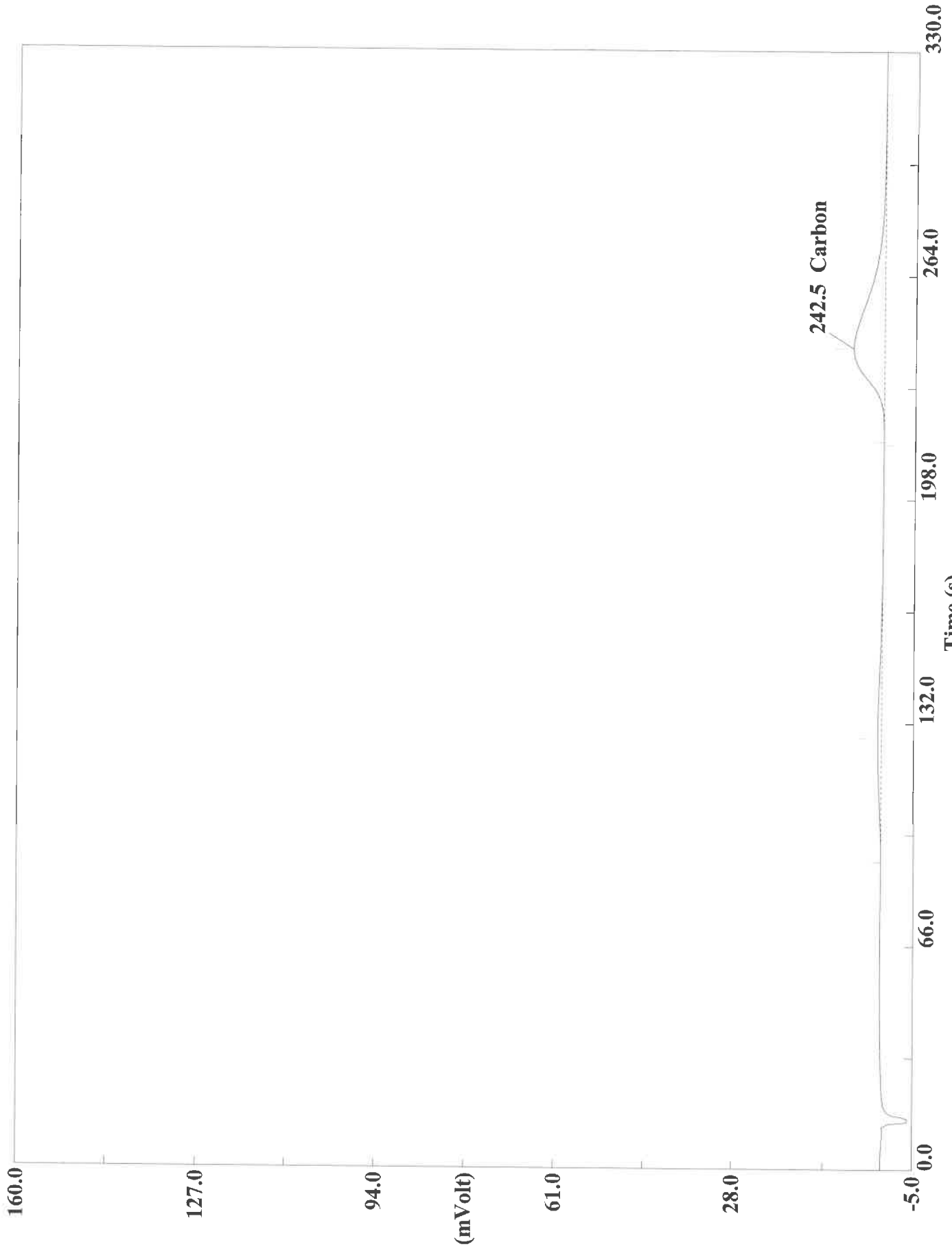
Page: 1 Sample: MB (A092820005)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 13:35 Printed : 9/29/2020 06:41
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0538	262	52322	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820006.DAT

Sample name :LCS Analysed :09/28/2020 14:02

Eager 300 Report

Page: 1 Sample: LCS (A092820006)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:02 Printed : 9/29/2020 06:41
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4077	243	1631065	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820007.DAT
Sample name :LCS Analysed :09/28/2020 14:08

Eager 300 Report

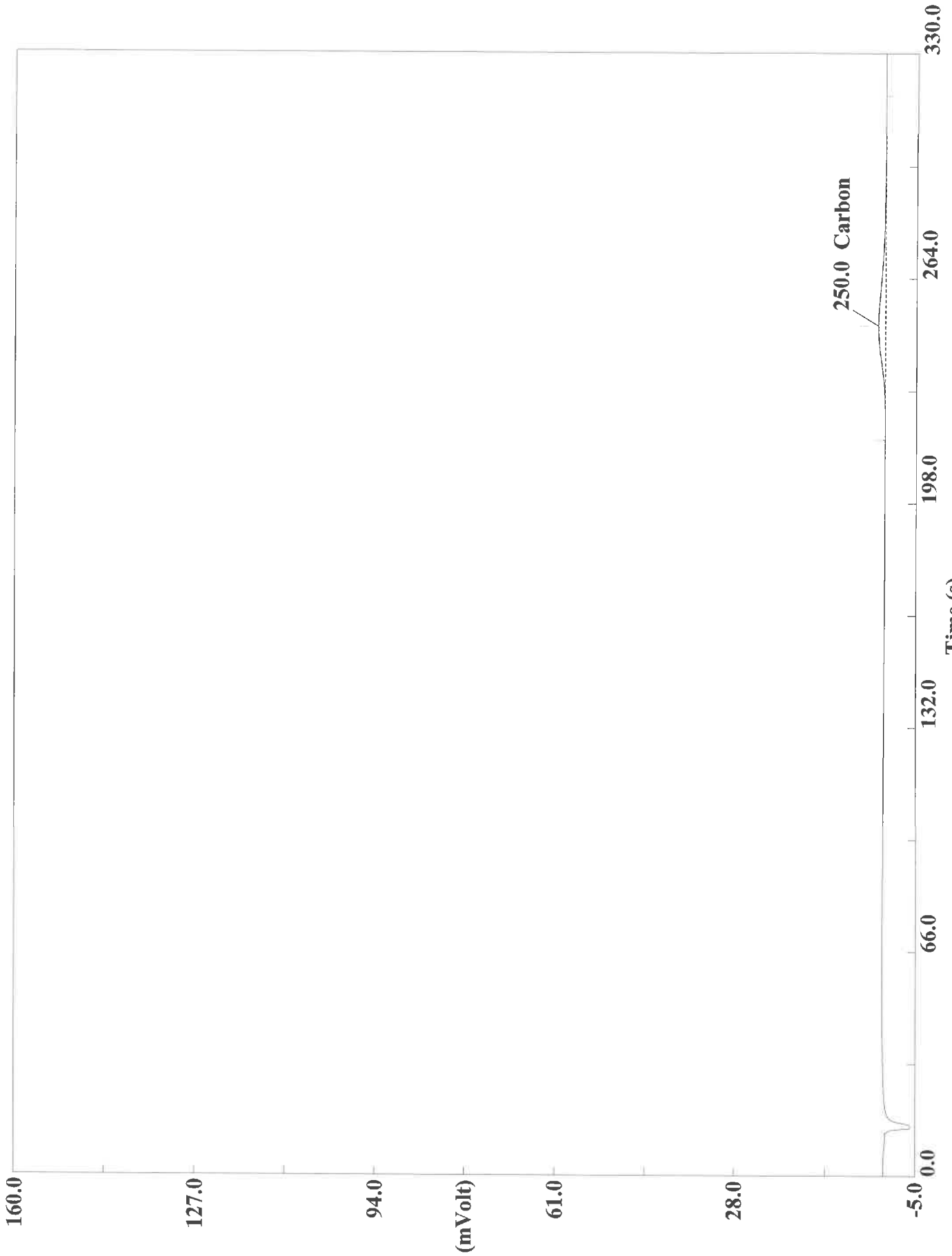
Page: 1 Sample: LCS (A092820007)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:08 Printed : 9/29/2020 06:42
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.5834	242	2015738	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820008.DAT

Sample name :180-110966-A-1 Analysed :09/28/2020 14:17

Eager 300 Report

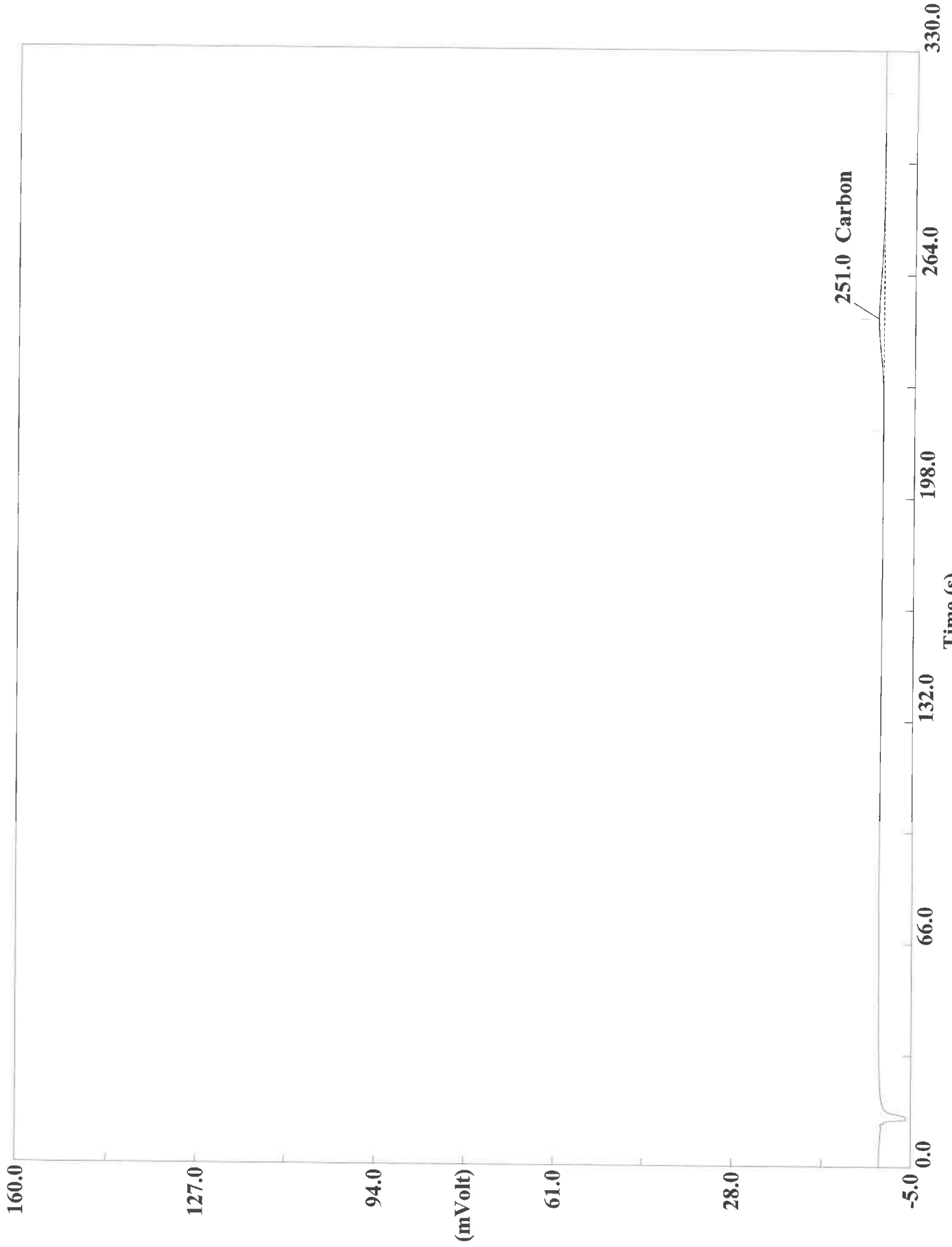
Page: 1 Sample: 180-110966-A-1 (A092820008)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:17 Printed : 9/29/2020 06:42
Sample ID : 180-110966-A-1 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4232	250	385168	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820009.DAT
Sample name :180-110966-A-1 Analysed :09/28/2020 14:23

Eager 300 Report

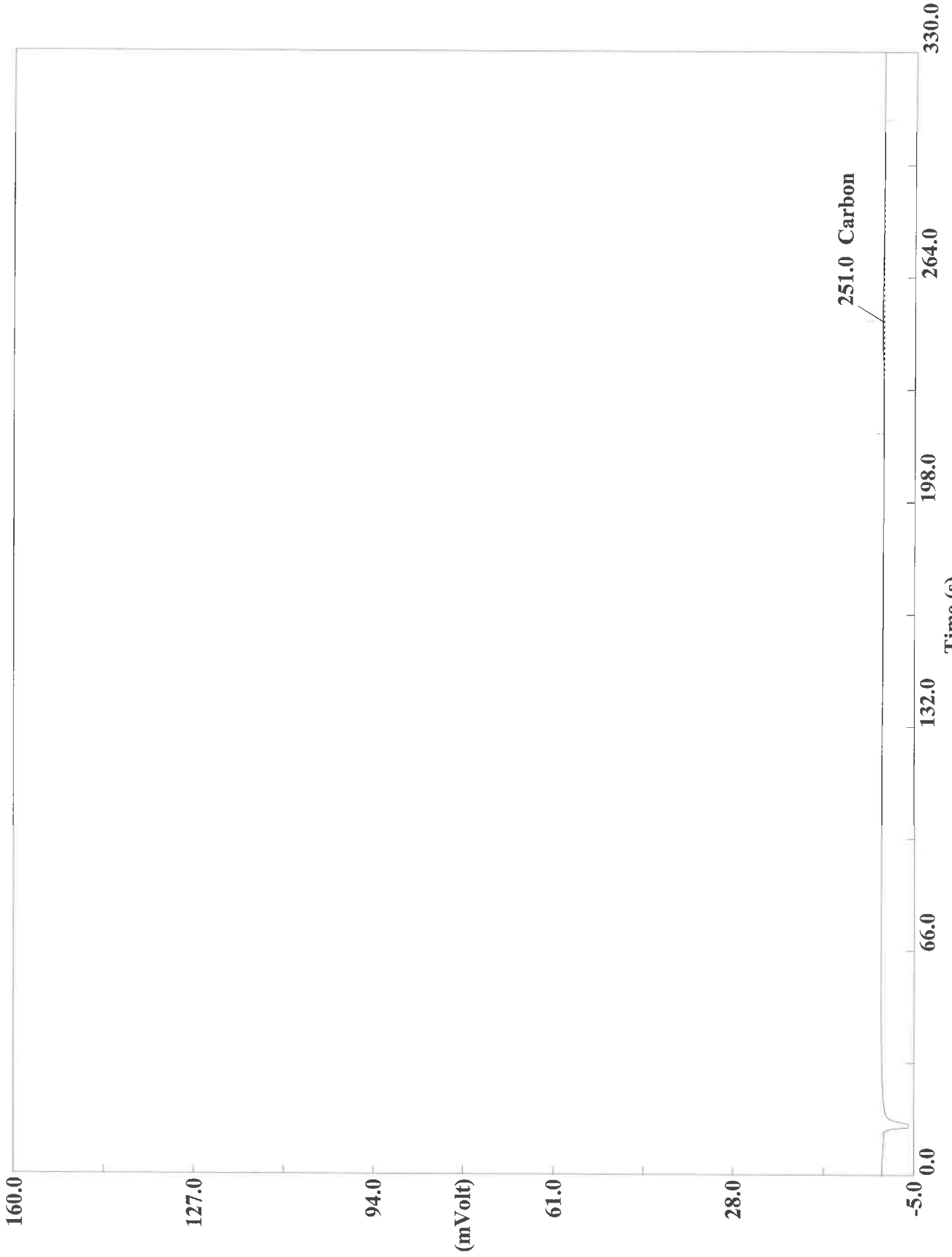
Page: 1 Sample: 180-110966-A-1 (A092820009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:23 Printed : 9/29/2020 06:42
Sample ID : 180-110966-A-1 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3144	251	283414	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820011.DAT
Sample name : 180-110966-A-11 Analysed : 09/28/2020 14:34

Eager 300 Report

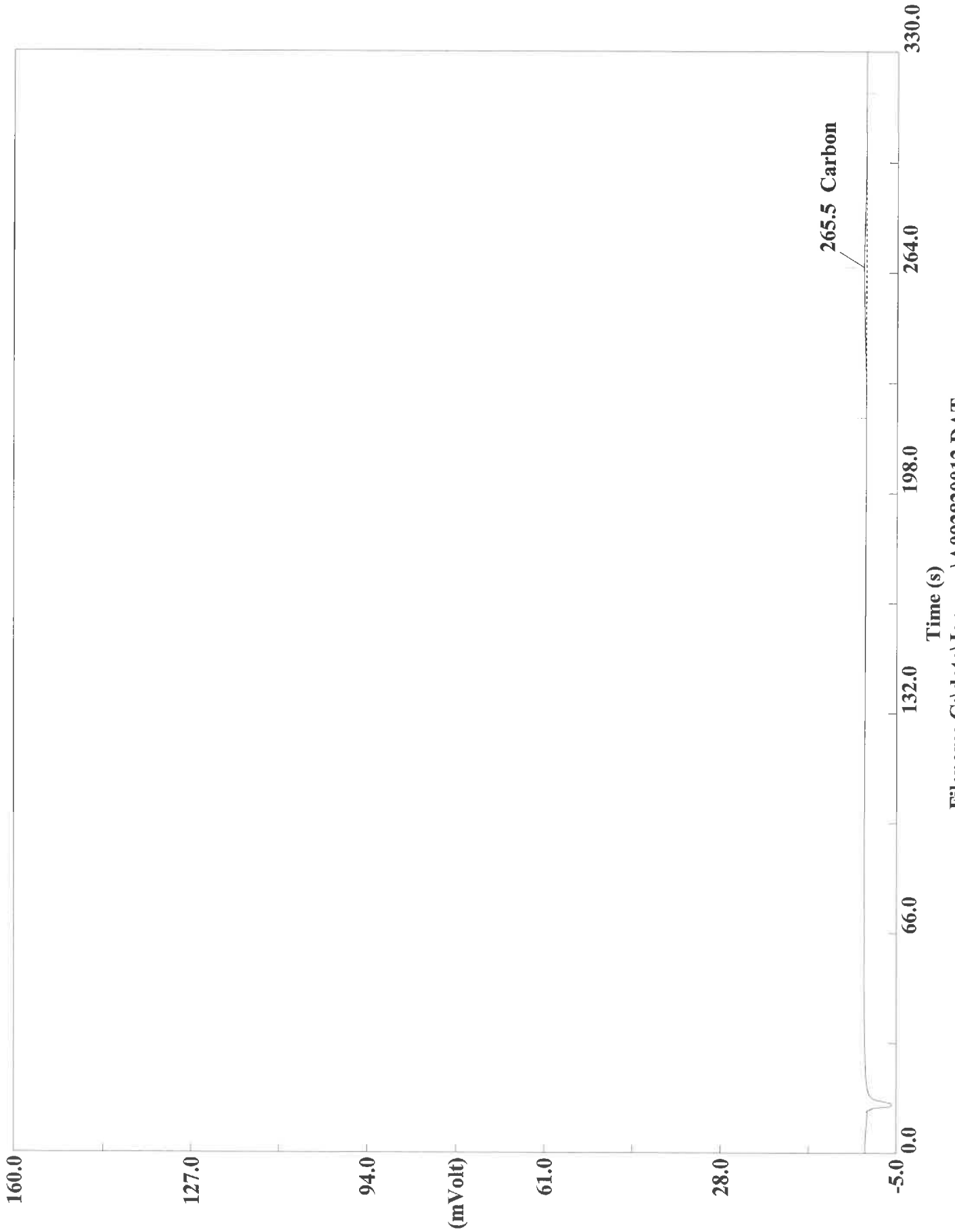
Page: 1 Sample: 180-110966-A-11 (A092820011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:34 Printed : 9/29/2020 06:42
Sample ID : 180-110966-A-11 (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0975	251	77192	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820012.DAT

Sample name :180-110966-A-11 Analysed :09/28/2020 14:40

Eager 300 Report

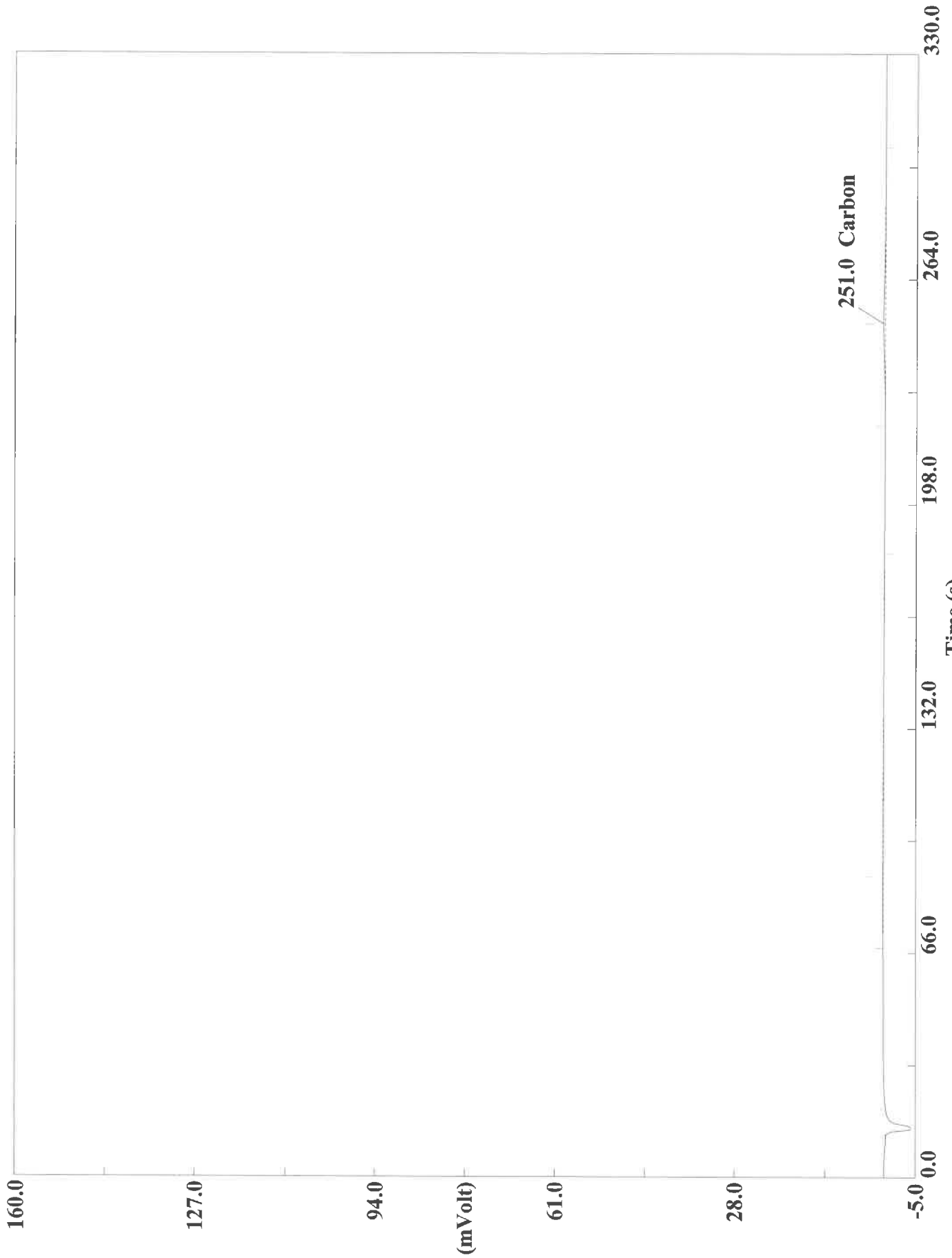
Page: 1 Sample: 180-110966-A-11 (A092820012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:40 Printed : 9/29/2020 06:42
Sample ID : 180-110966-A-11 (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1547	266	162969	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820014.DAT
Sample name :180-111054-A-2 Analysed :09/28/2020 14:51

Eager 300 Report

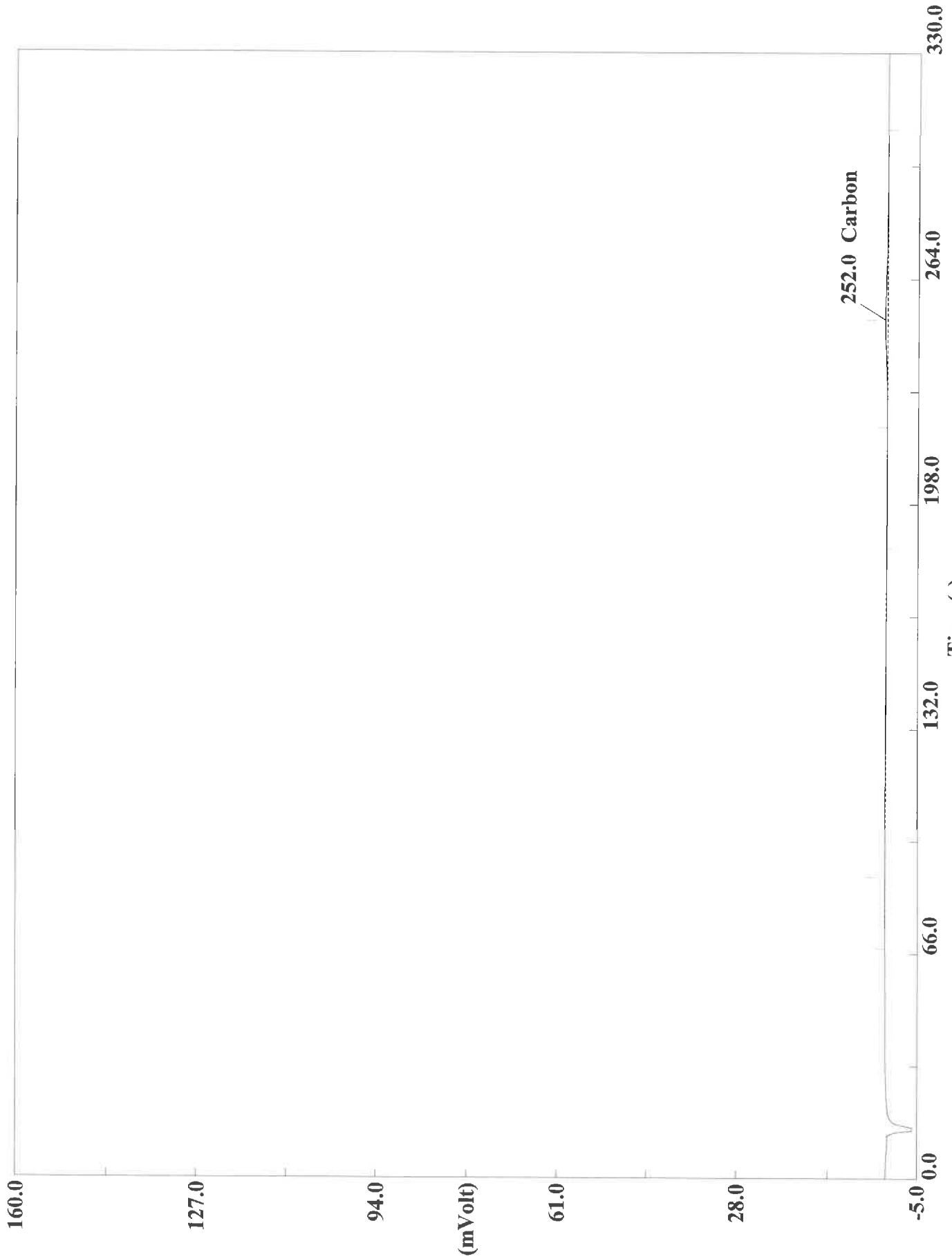
Page: 1 Sample: 180-111054-A-2 (A092820014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:51 Printed : 9/29/2020 06:42
Sample ID : 180-111054-A-2 (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0883	251	89846	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820015.DAT

Sample name :180-111054-A-2 Analysed :09/28/2020 14:56

Eager 300 Report

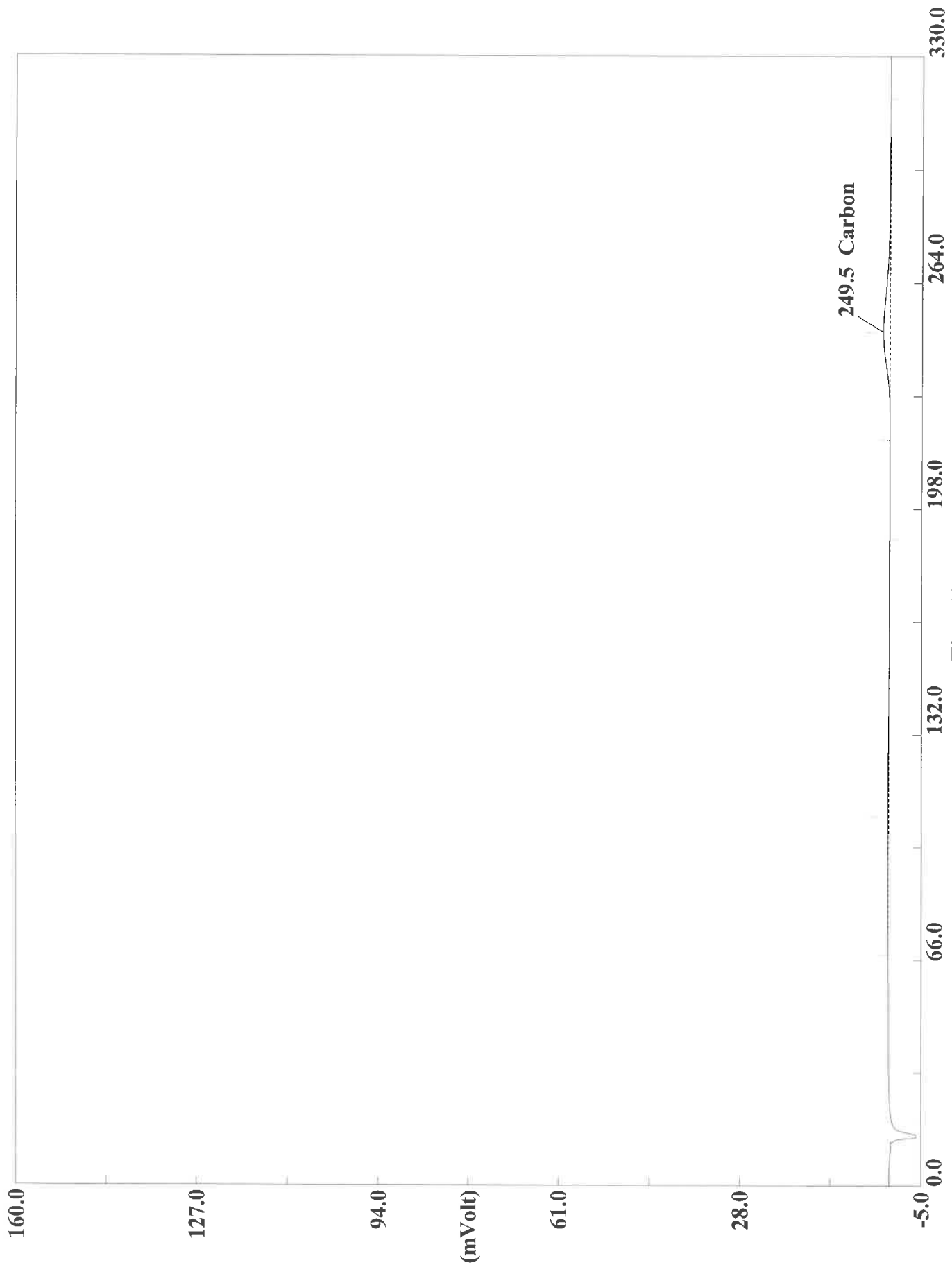
Page: 1 Sample: 180-111054-A-2 (A092820015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 14:56 Printed : 9/29/2020 06:42
Sample ID : 180-111054-A-2 (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 26.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	252	113718	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820017.DAT

Sample name : 180-111109-A-16 Analysed : 09/28/2020 15:07

Eager 300 Report

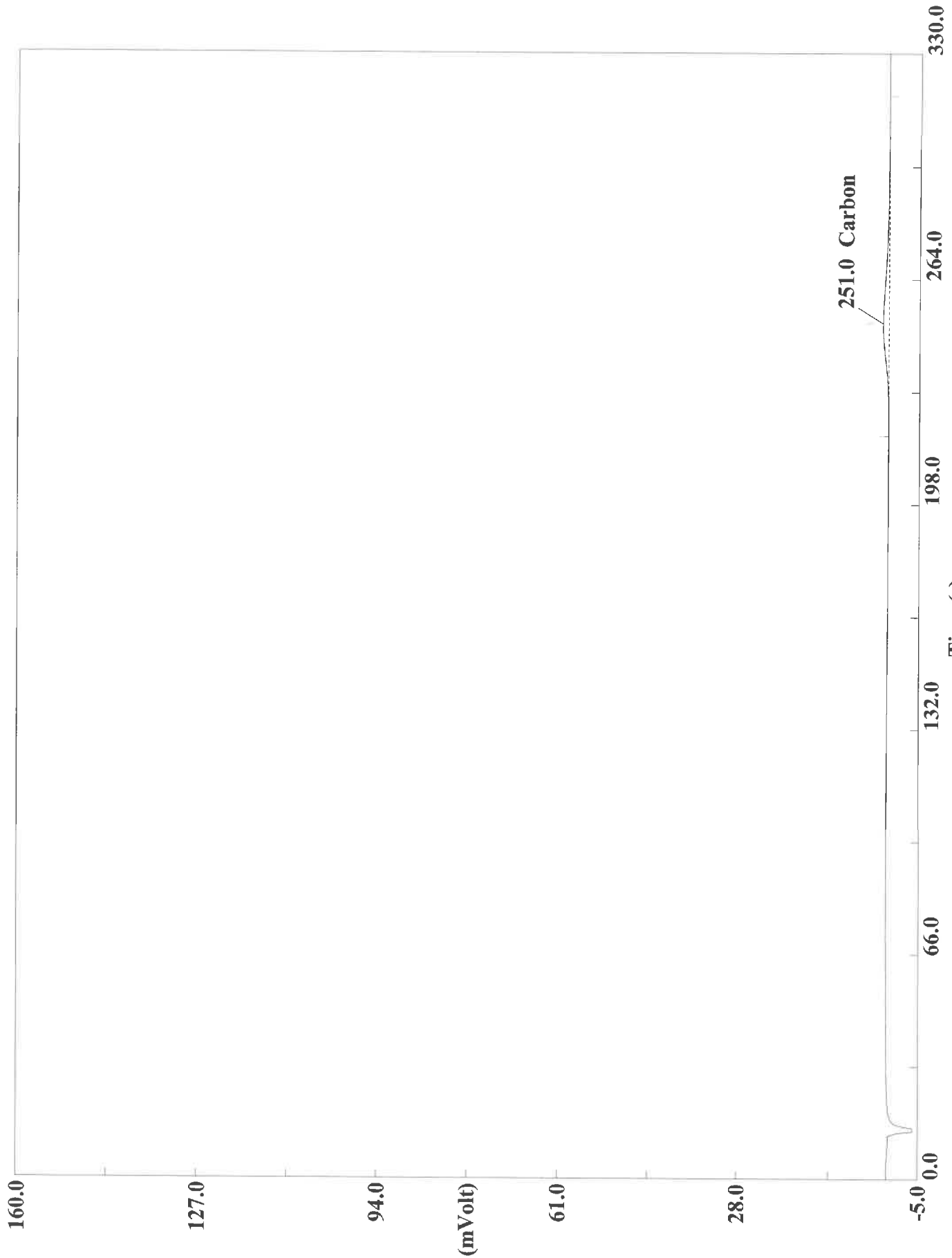
Page: 1 Sample: 180-111109-A-16 (A092820017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:07 Printed : 9/29/2020 06:42
Sample ID : 180-111109-A-16 (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3275	250	337241	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820018.DAT

Sample name : 180-111109-A-16 Analysed : 09/28/2020 15:13

Eager 300 Report

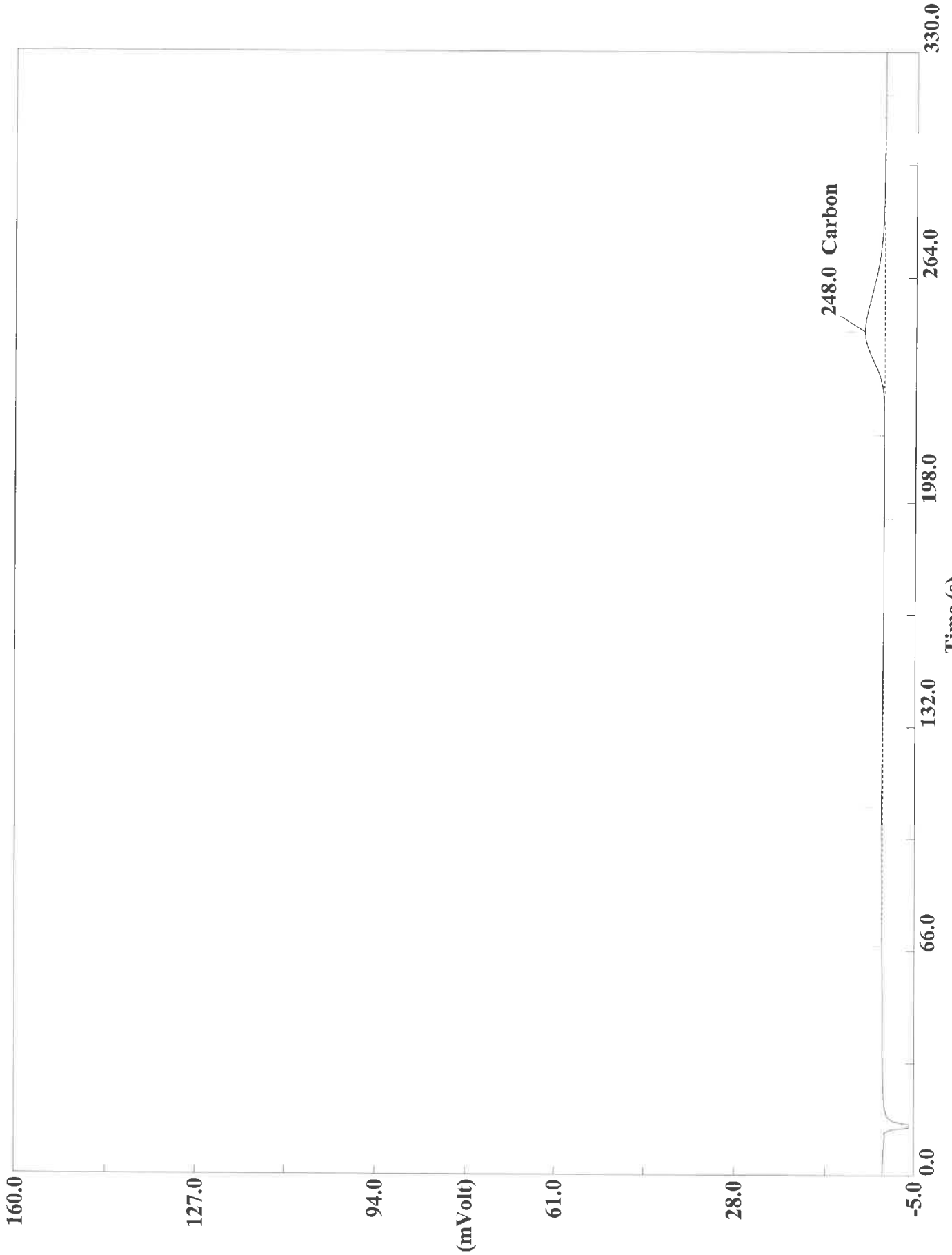
Page: 1 Sample: 180-111109-A-16 (A092820018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:13 Printed : 9/29/2020 06:42
Sample ID : 180-111109-A-16 (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3291	251	326934	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820020.DAT

Sample name : 180-111109-A-20 Analysed : 09/28/2020 15:24

Eager 300 Report

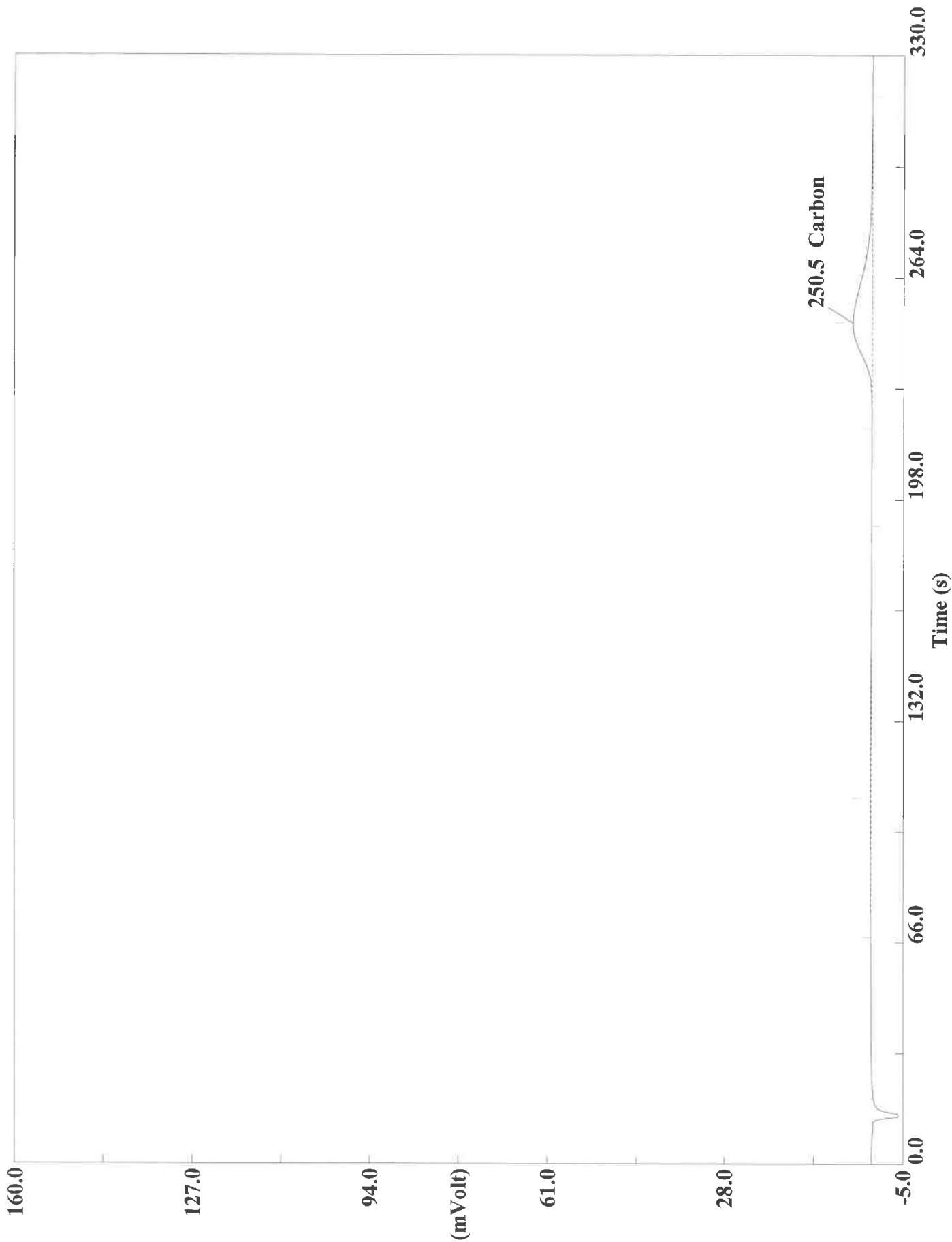
Page: 1 Sample: 180-111109-A-20 (A092820020)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:24 Printed : 9/29/2020 06:42
Sample ID : 180-111109-A-20 (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.8750	248	949513	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820021.DAT

Sample name : 180-111109-A-20 Analysed : 09/28/2020 15:30

Eager 300 Report

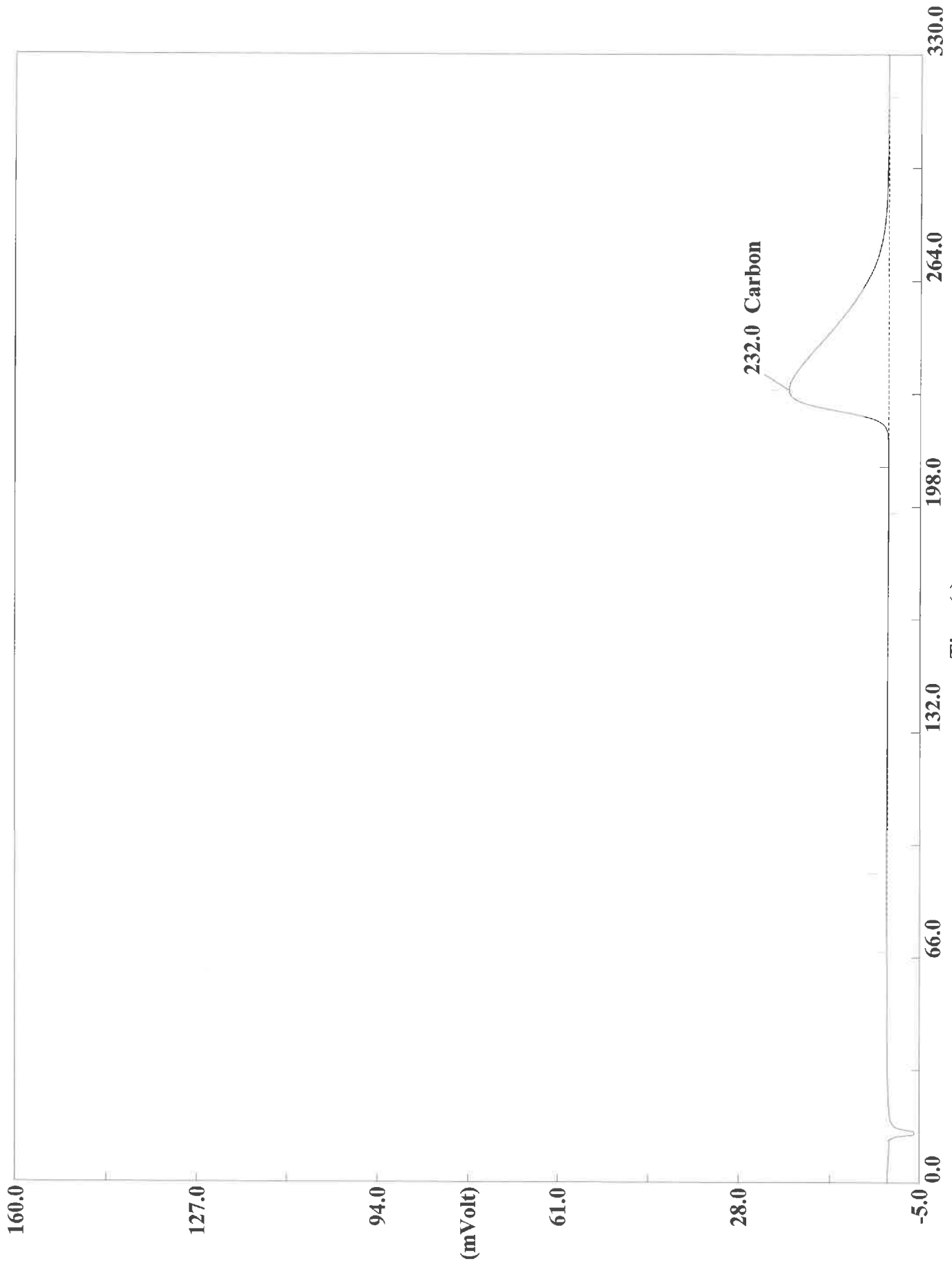
Page: 1 Sample: 180-111109-A-20 (A092820021)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:30 Printed : 9/29/2020 06:42
Sample ID : 180-111109-A-20 (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7923	251	948595	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820023.DAT

Sample name :CCV Analysed :09/28/2020 15:41

Eager 300 Report

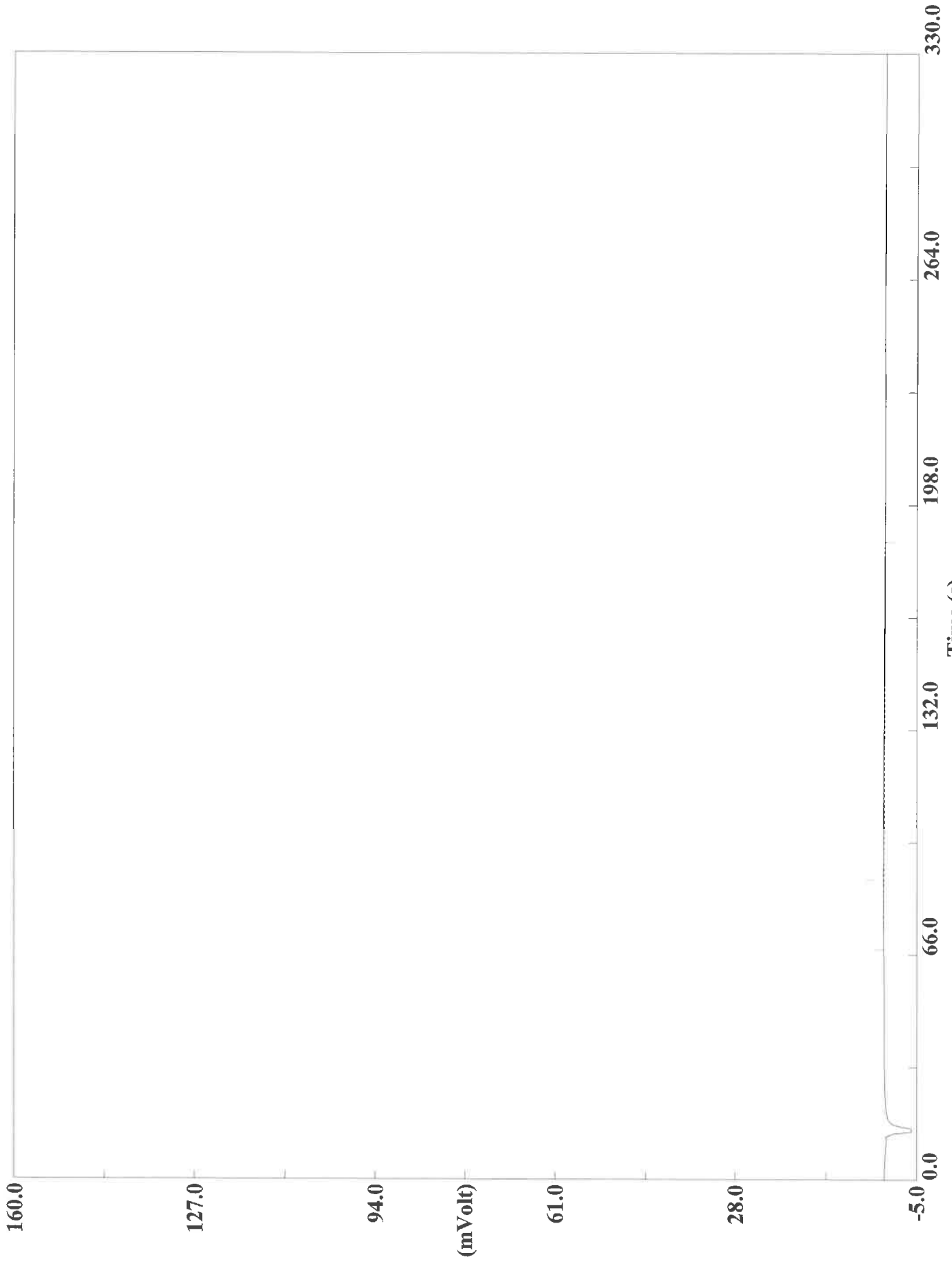
Page: 1 Sample: CCV (A092820023)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:41 Printed : 9/29/2020 06:43
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9815	232	5100678	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820024.DAT
Sample name :CCB Analysed :09/28/2020 15:47

Eager 300 Report

Page: 1 Sample: CCB (A092820024)

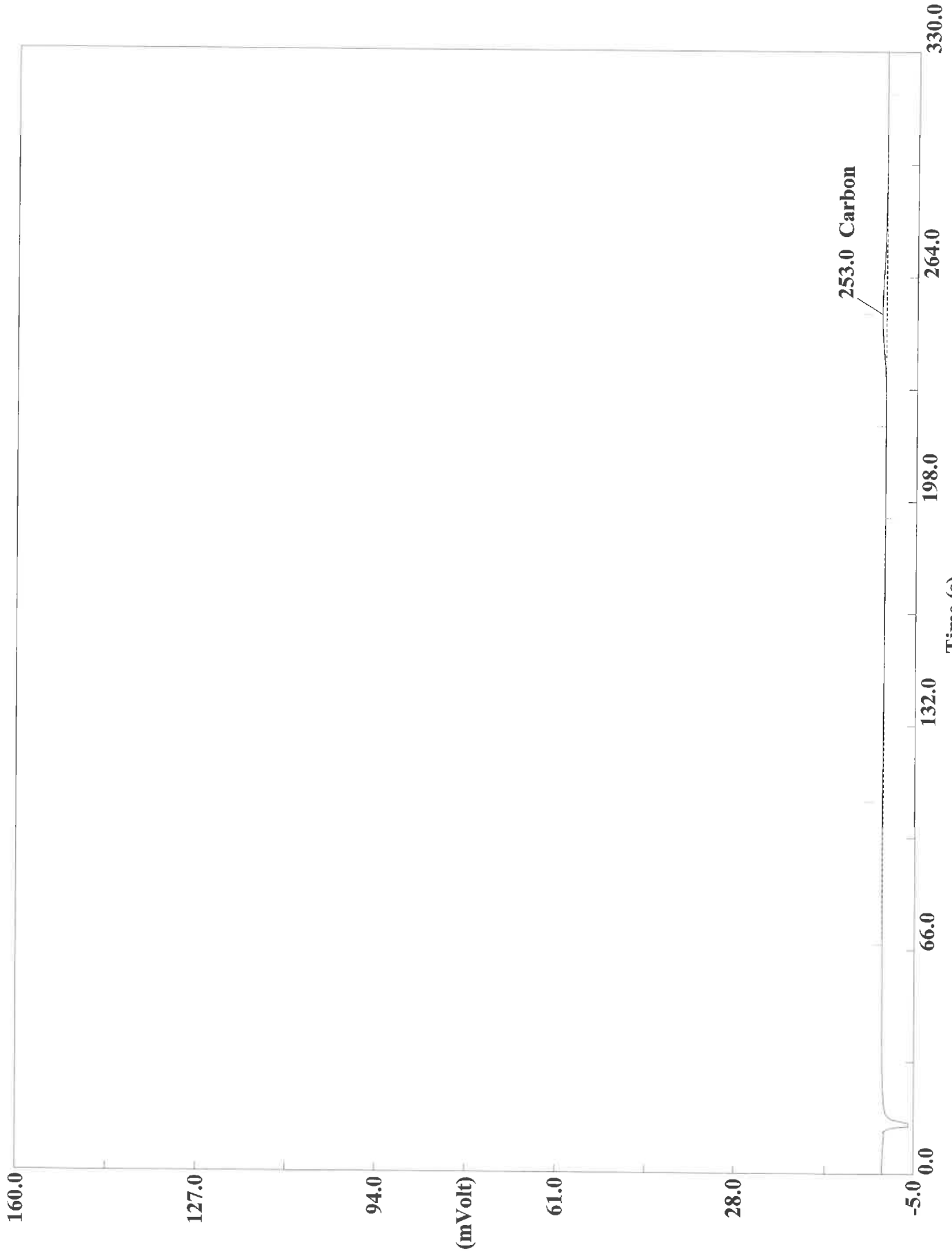
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:47 Printed : 9/29/2020 06:43
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820025.DAT

Sample name :180-111117-A-2 Analysed :09/28/2020 15:52

Eager 300 Report

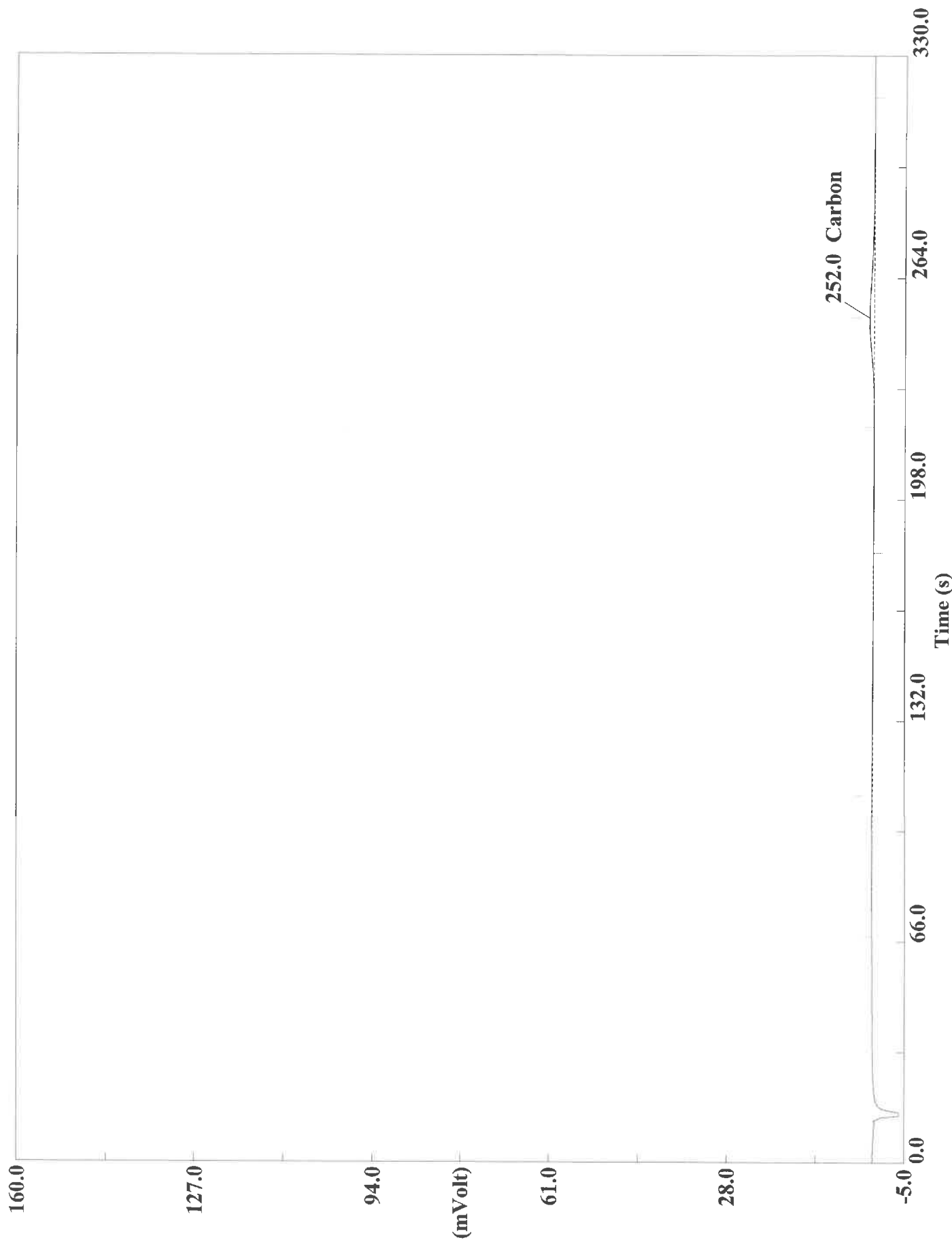
Page: 1 Sample: 180-111117-A-2 (A092820025)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:52 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2734	253	239093	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820026.DAT
Sample name :180-111117-A-2 Analysed :09/28/2020 15:58

Eager 300 Report

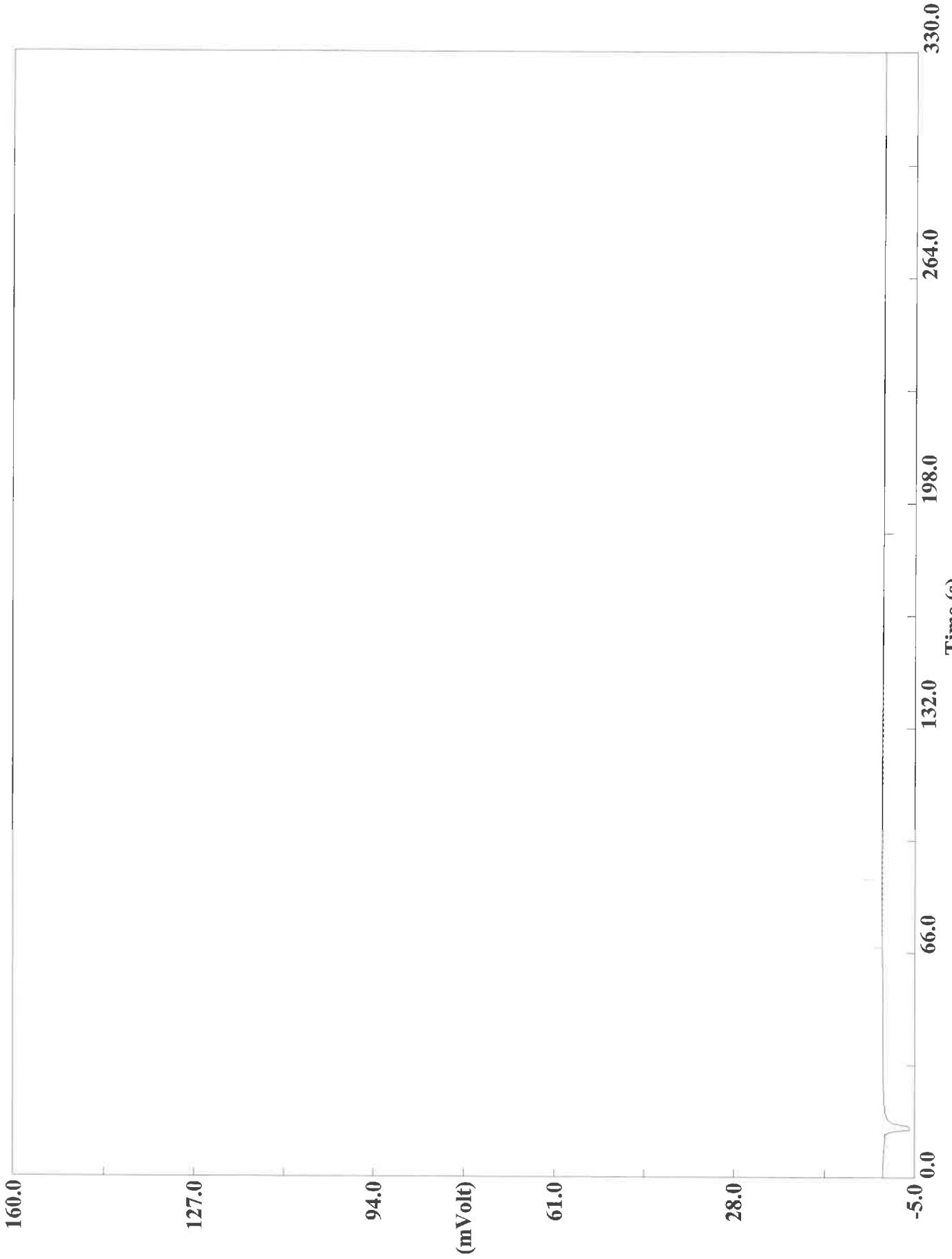
Page: 1 Sample: 180-111117-A-2 (A092820026)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 15:58 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2780	252	252244	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820027.DAT
Sample name :Rinse Analysed :09/28/2020 16:03

Eager 300 Report

Page: 1 Sample: Rinse (A092820027)

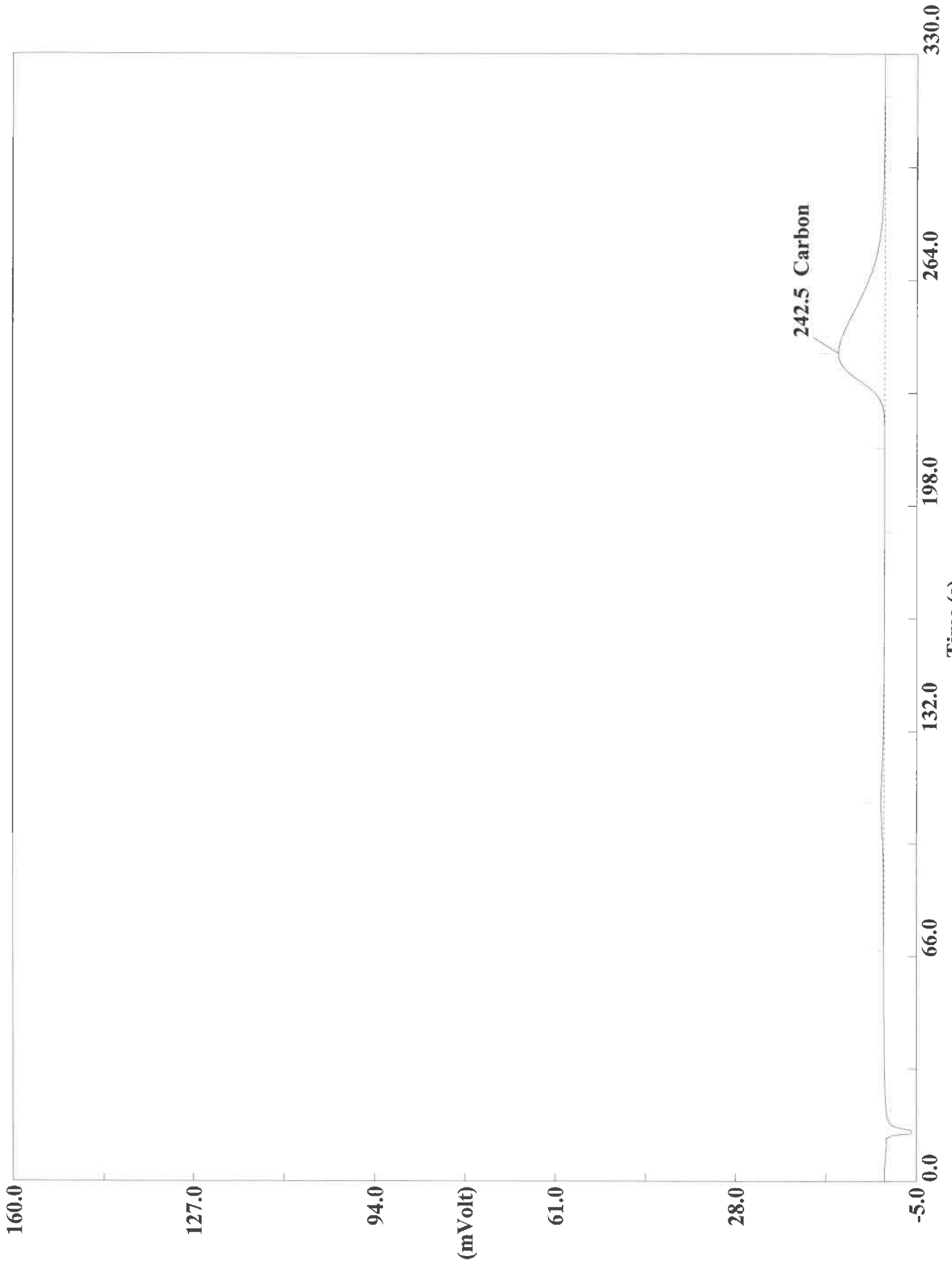
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820027
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:03 Printed : 9/29/2020 06:43
Sample ID : Rinse (# 38)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 1

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Time (s)

Filename C:\data\January\A092820028.DAT

Sample name : 180-111117-A-2 MS Analysed : 09/28/2020 16:09

Eager 300 Report

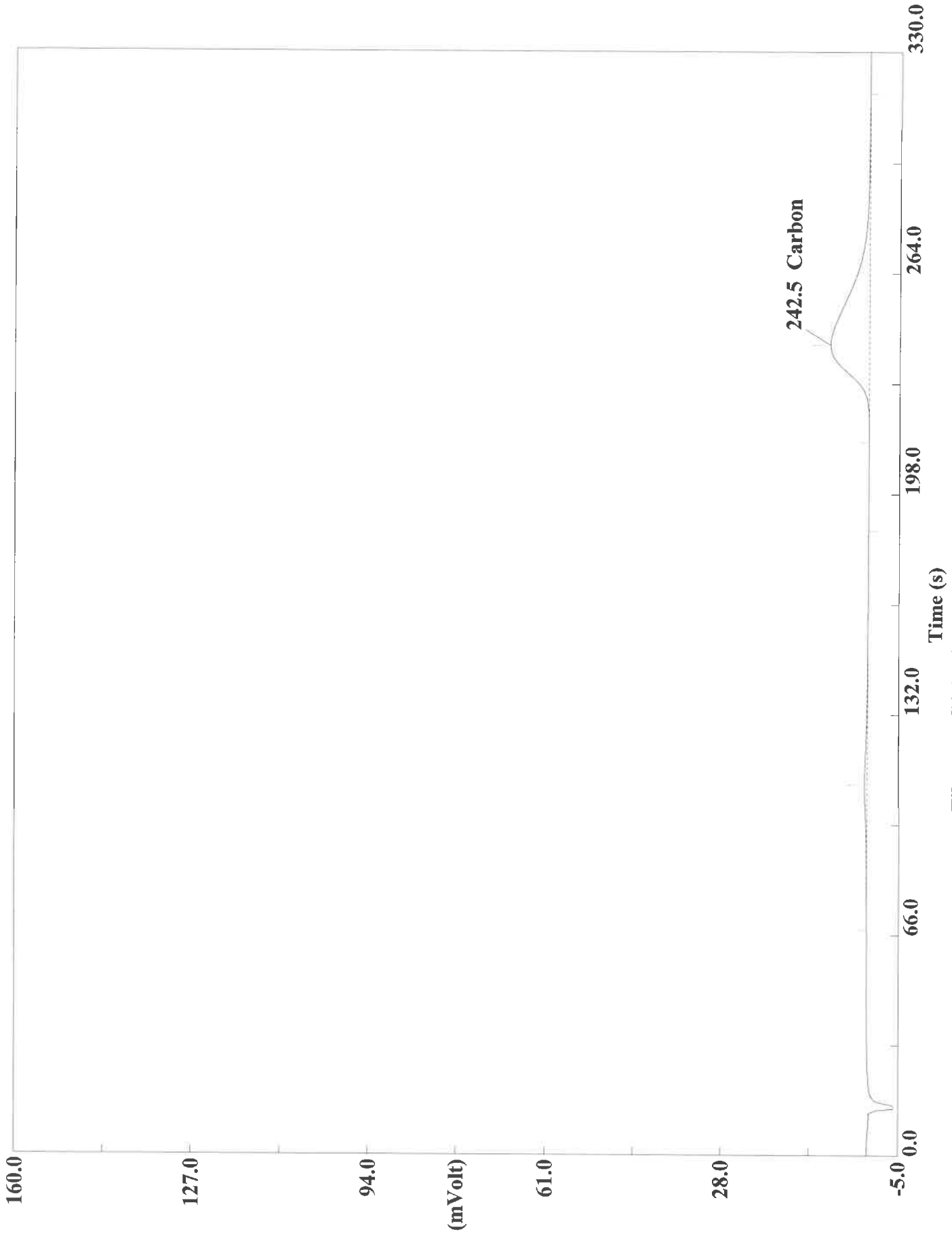
Page: 1 Sample: 180-111117-A-2 MS (A092820028)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:09 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 MS (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8867	243	2301213	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820029.DAT
Sample name :180-111117-A-2 MS Analysed :09/28/2020 16:14

Eager 300 Report

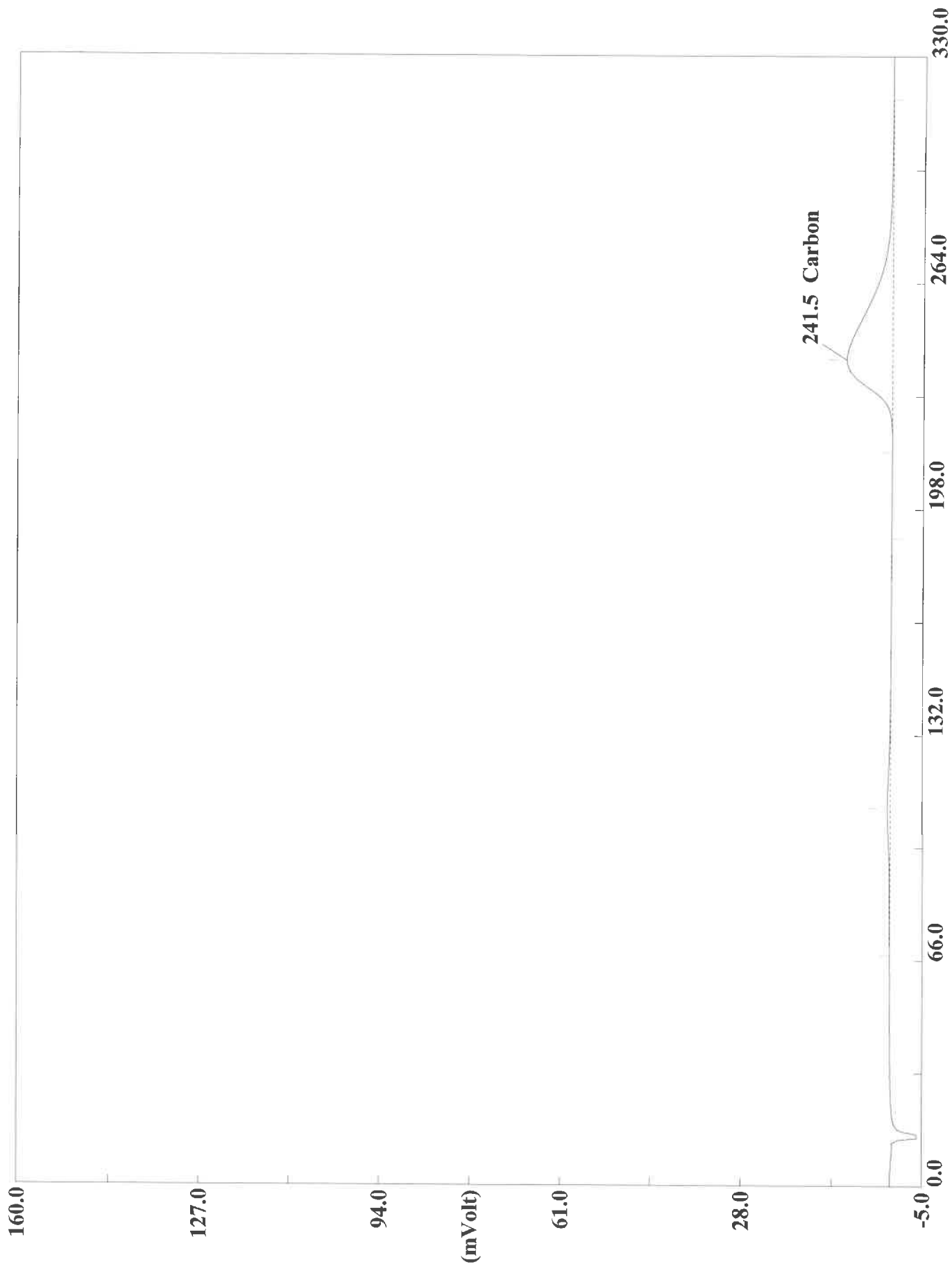
Page: 1 Sample: 180-111117-A-2 MS (A092820029)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:14 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 MS (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5380	243	1935764	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820031.DAT
Sample name : 180-111117-A-2 MSD Analysed : 09/28/2020 16:26

Eager 300 Report

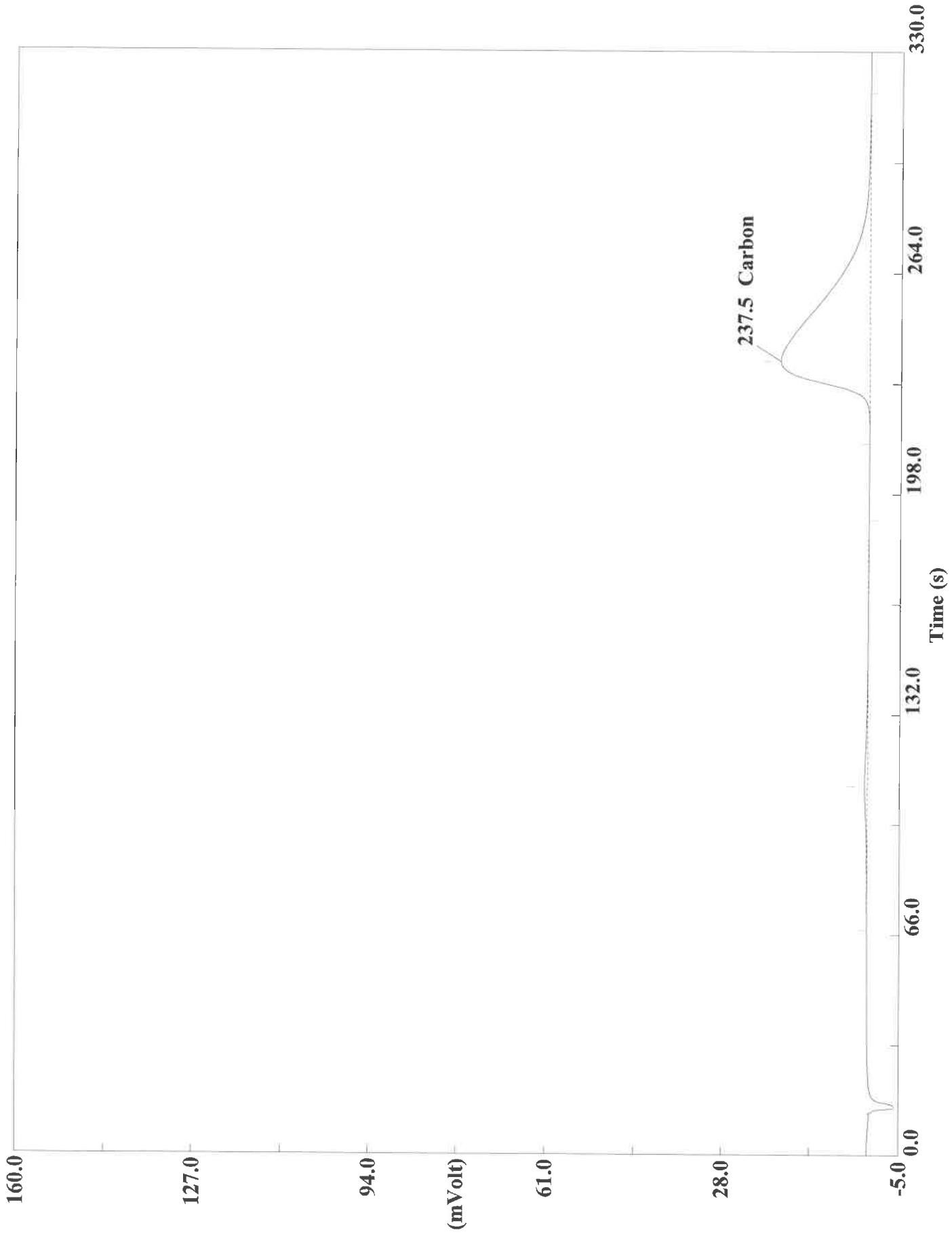
Page: 1 Sample: 180-111117-A-2 MSD (A092820031)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:26 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 MSD (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 29.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4809	242	2257365	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820032.DAT

Sample name :180-11117-A-2 MSD Analysed :09/28/2020 16:31

Eager 300 Report

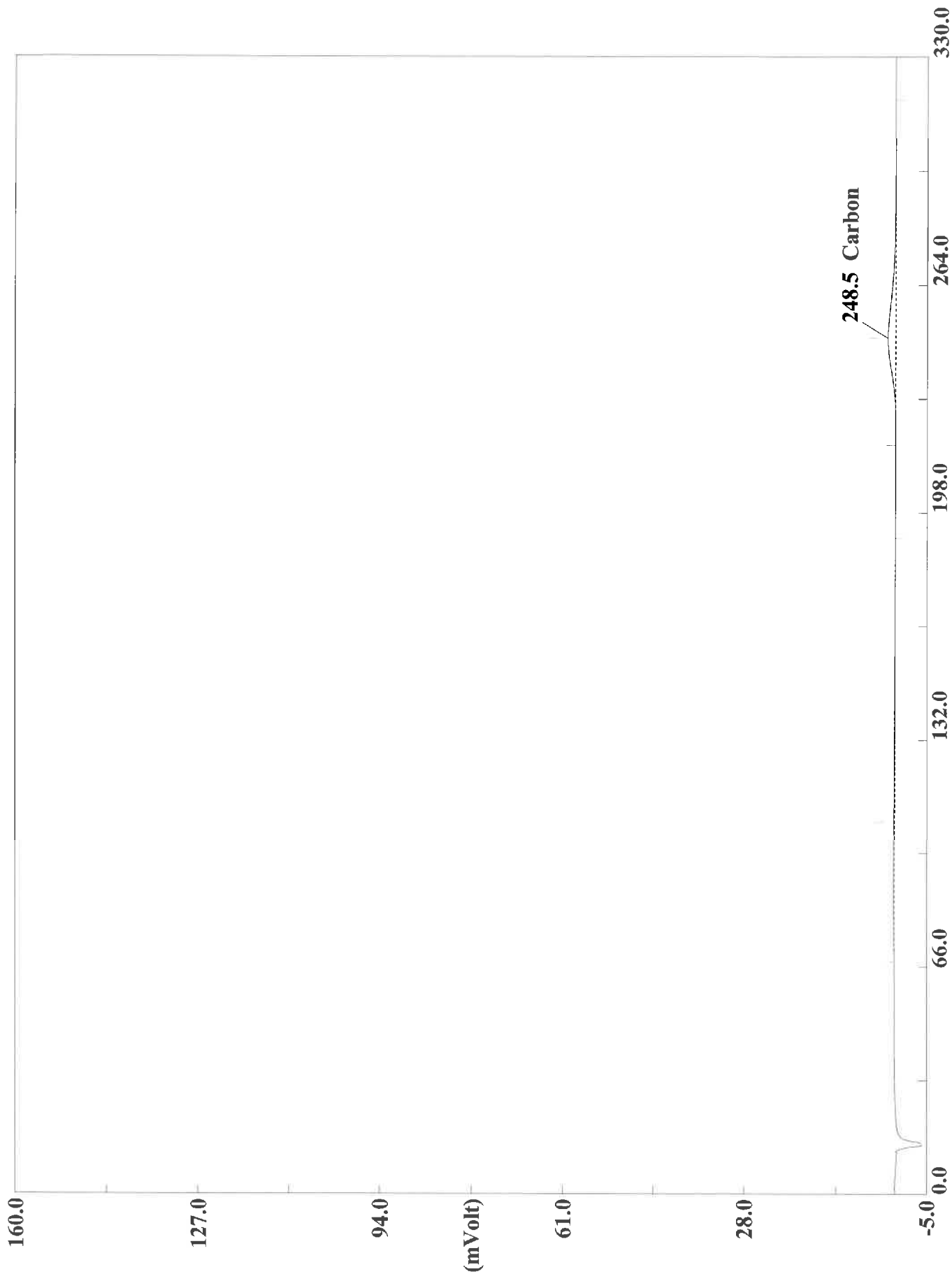
Page: 1 Sample: 180-111117-A-2 MSD (A092820032)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:31 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-2 MSD (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 31.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7962	238	4575236	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820034.DAT
Sample name :180-111117-A-3 Analysed :09/28/2020 16:42

Eager 300 Report

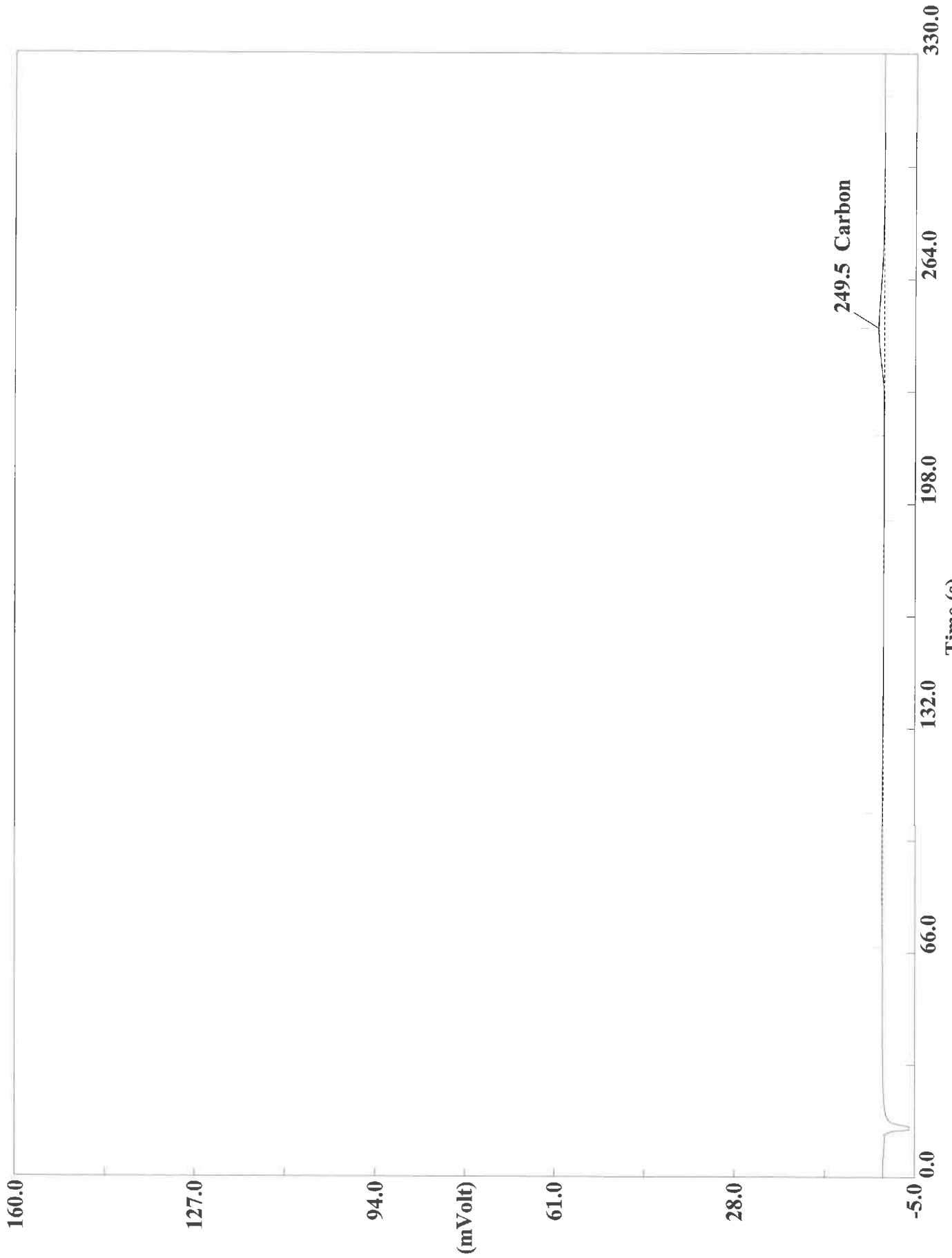
Page: 1 Sample: 180-111117-A-3 (A092820034)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:42 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-3 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3834	249	370768	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820035.DAT

Sample name :180-111117-A-3 Analysed :09/28/2020 16:48

Eager 300 Report

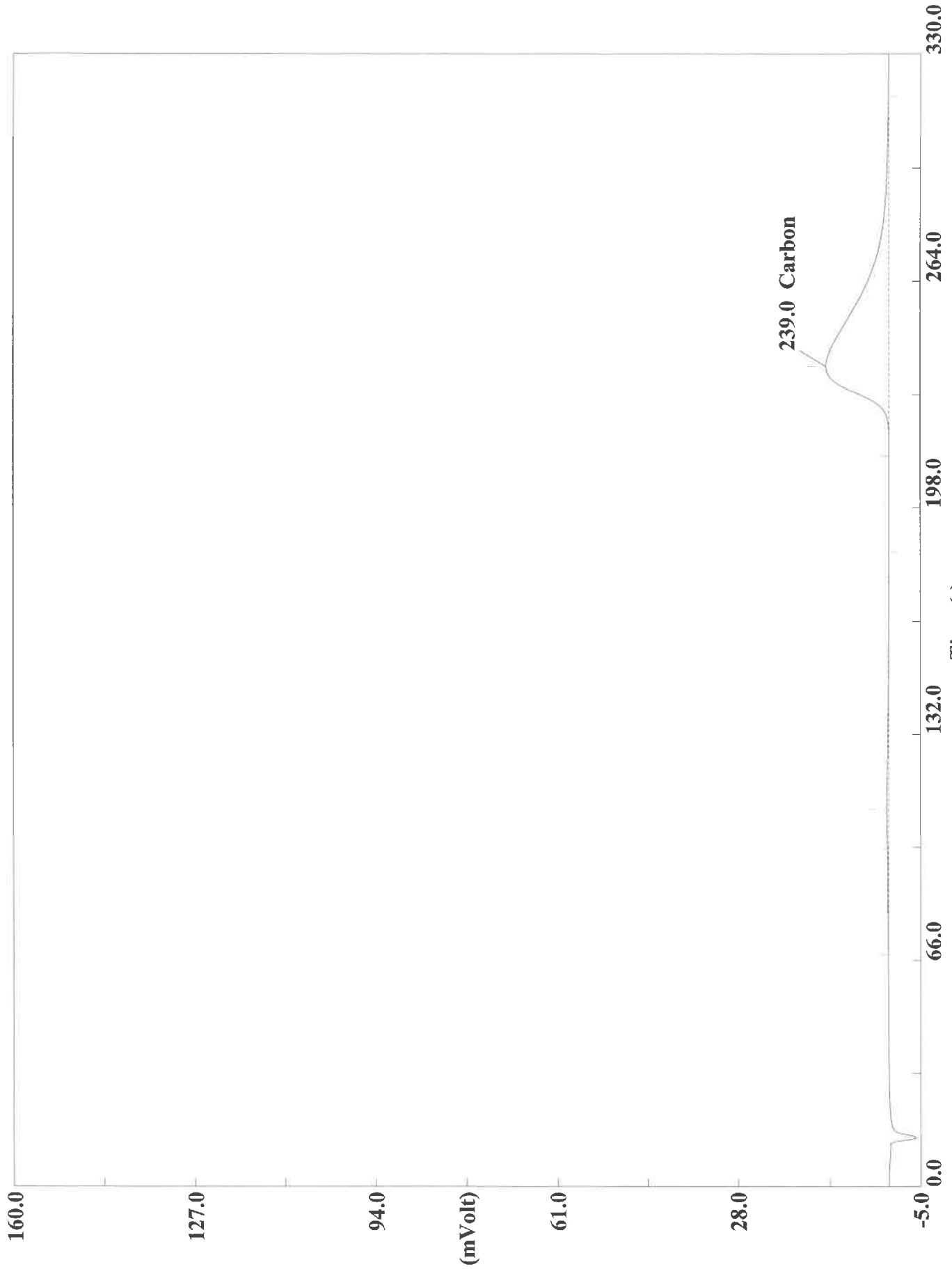
Page: 1 Sample: 180-111117-A-3 (A092820035)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:48 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-3 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2605	250	282435	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820037.DAT

Sample name :180-11117-A-6 Analysed :09/28/2020 16:59

Eager 300 Report

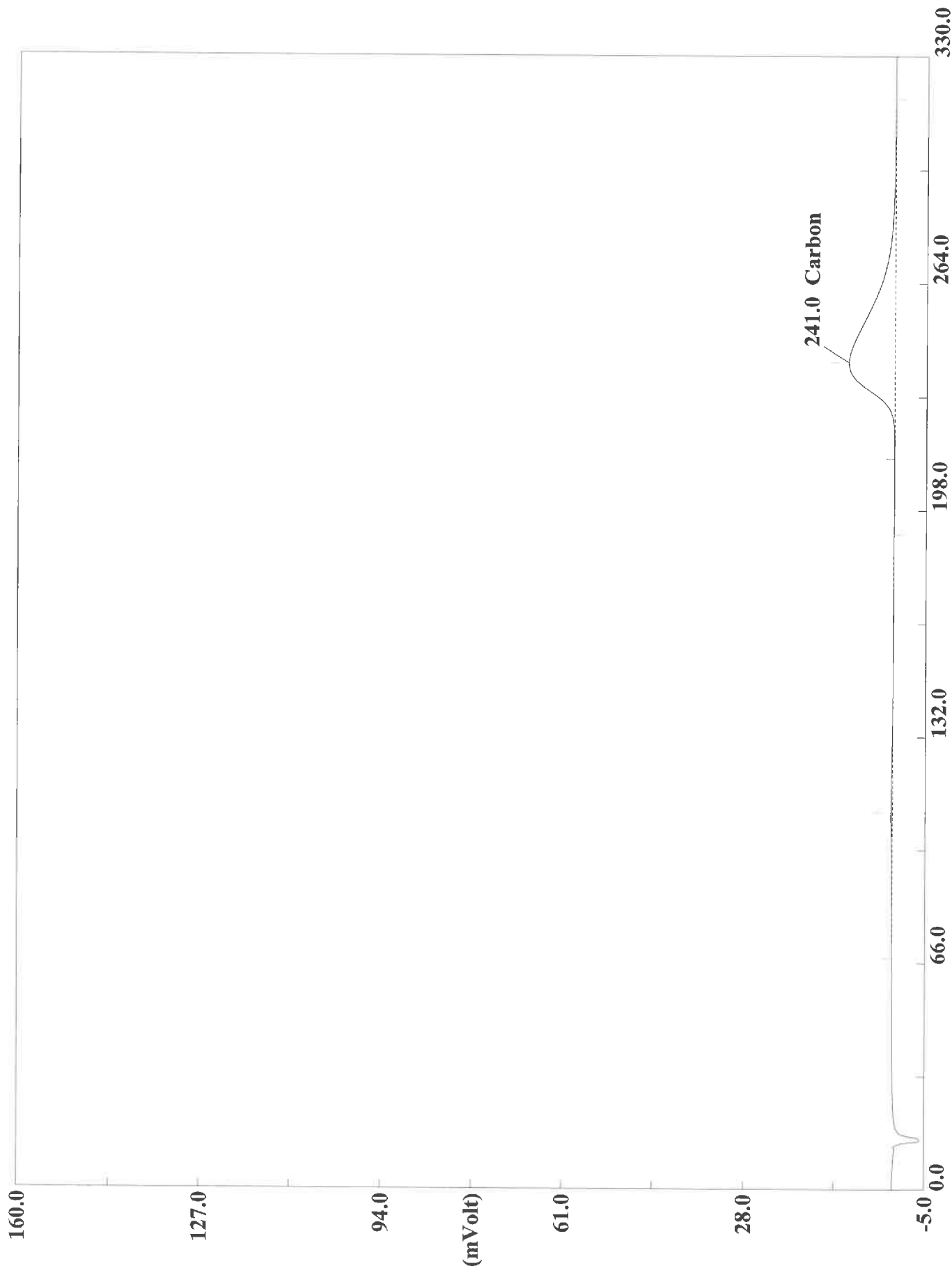
Page: 1 Sample: 180-111117-A-6 (A092820037)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 16:59 Printed : 9/29/2020 06:43
Sample ID : 180-111117-A-6 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4580	239	3370653	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Time (s)

Filename C:\data\January\A092820038.DAT

Sample name :180-111117-A-6 Analysed :09/28/2020 17:05

Eager 300 Report

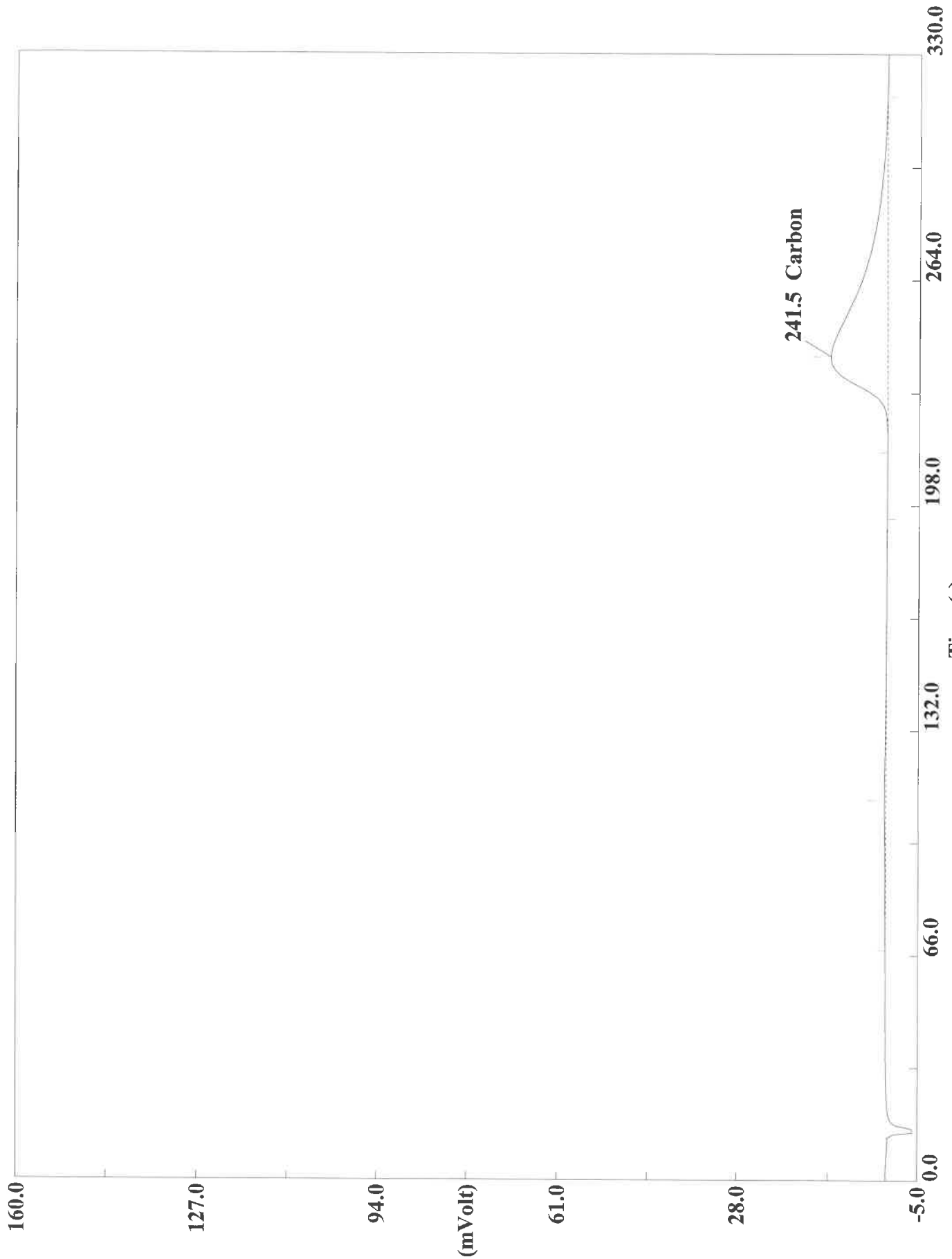
Page: 1 Sample: 180-111117-A-6 (A092820038)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 17:05 Printed : 9/29/2020 06:44
Sample ID : 180-111117-A-6 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2281	241	2285442	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820040.DAT

Sample name : 180-111117-A-12 Analysed : 09/28/2020 17:16

Eager 300 Report

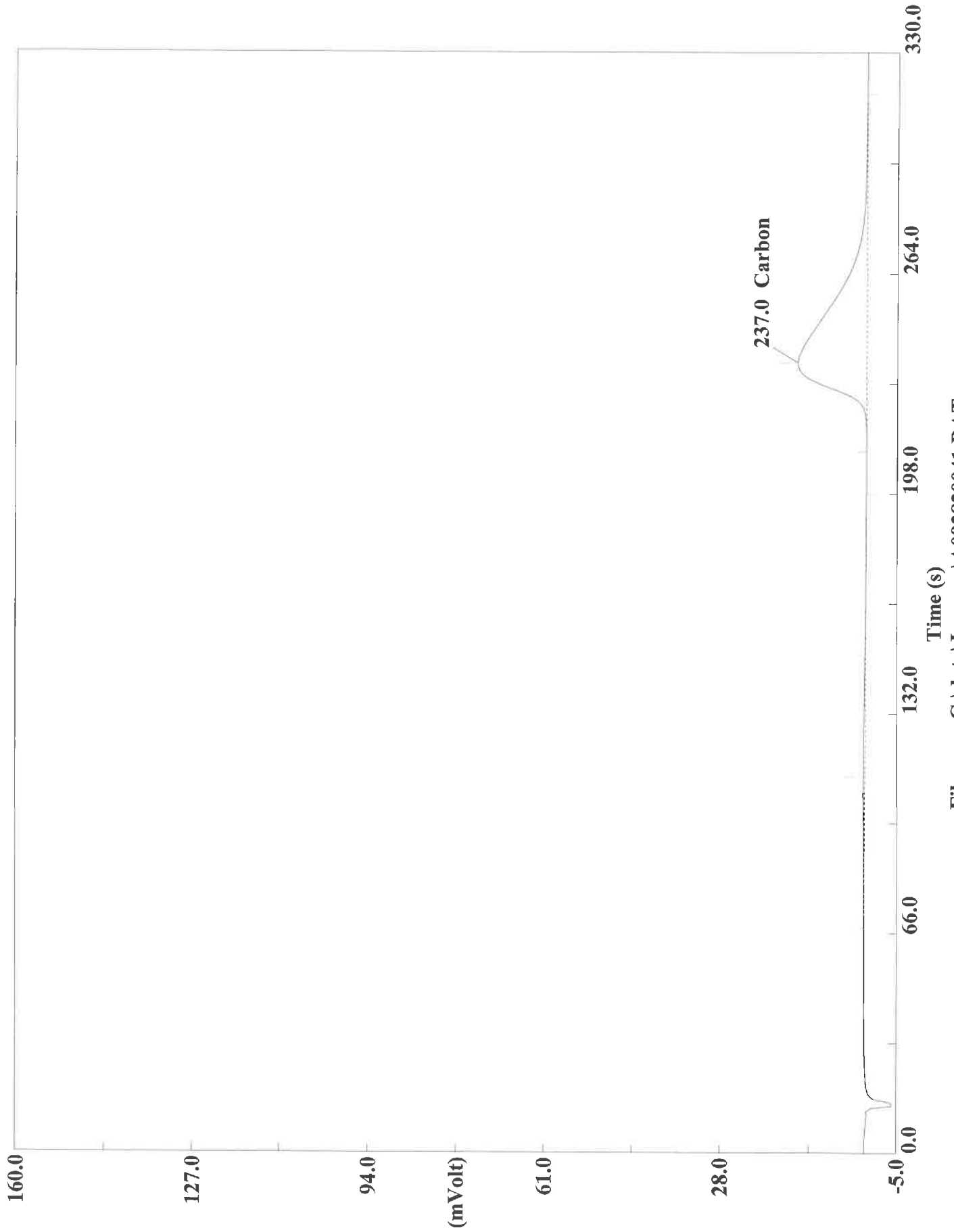
Page: 1 Sample: 180-111117-A-12 (A092820040)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 17:16 Printed : 9/29/2020 06:44
Sample ID : 180-111117-A-12 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.3667	242	3439224	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820041.DAT

Sample name :180-111117-A-12 Analysed :09/28/2020 17:22

Eager 300 Report

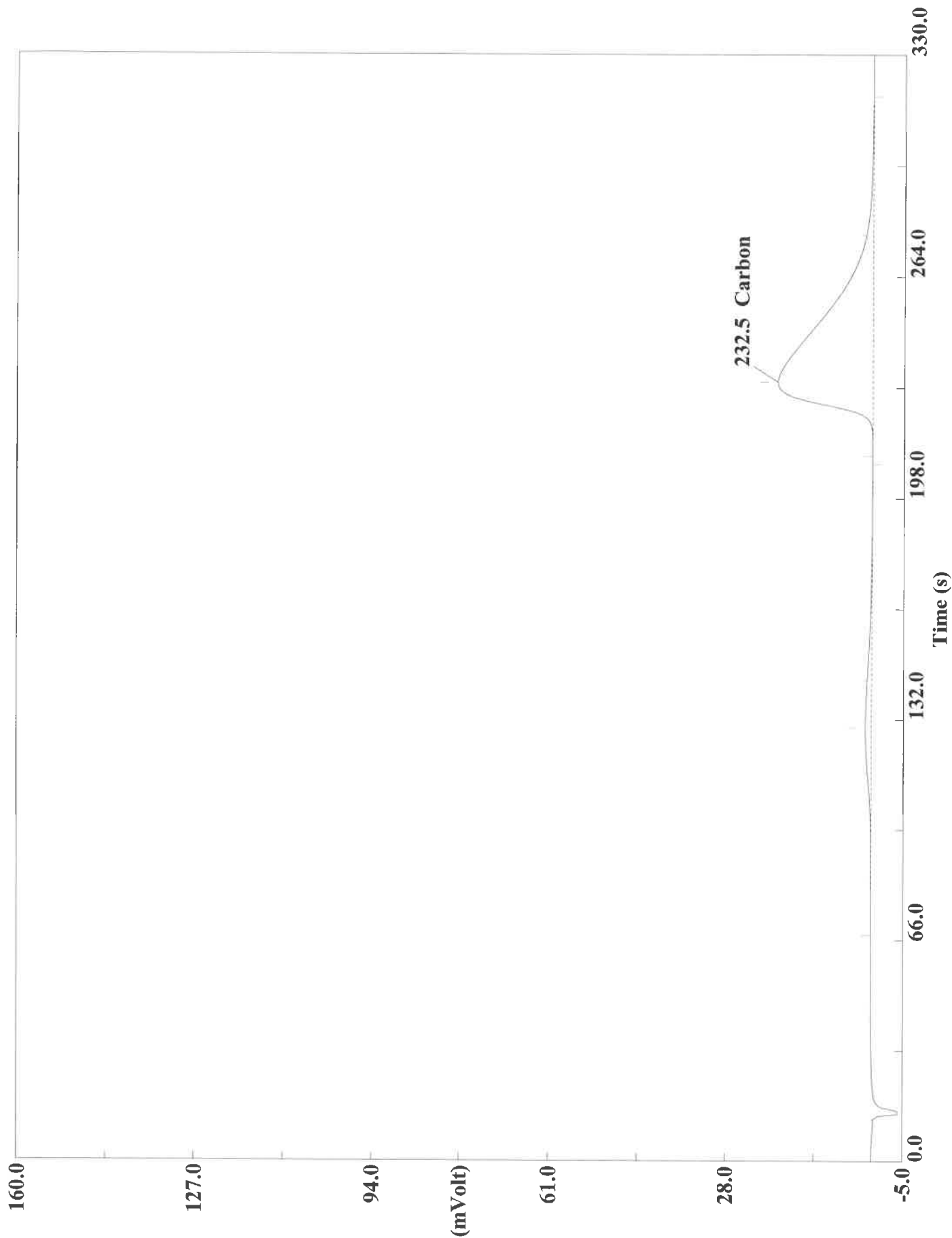
Page: 1 Sample: 180-111117-A-12 (A092820041)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 17:22 Printed : 9/29/2020 06:44
Sample ID : 180-111117-A-12 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.3483	237	3577644	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820043.DAT
Sample name :CCV Analysed :09/28/2020 17:57

Eager 300 Report

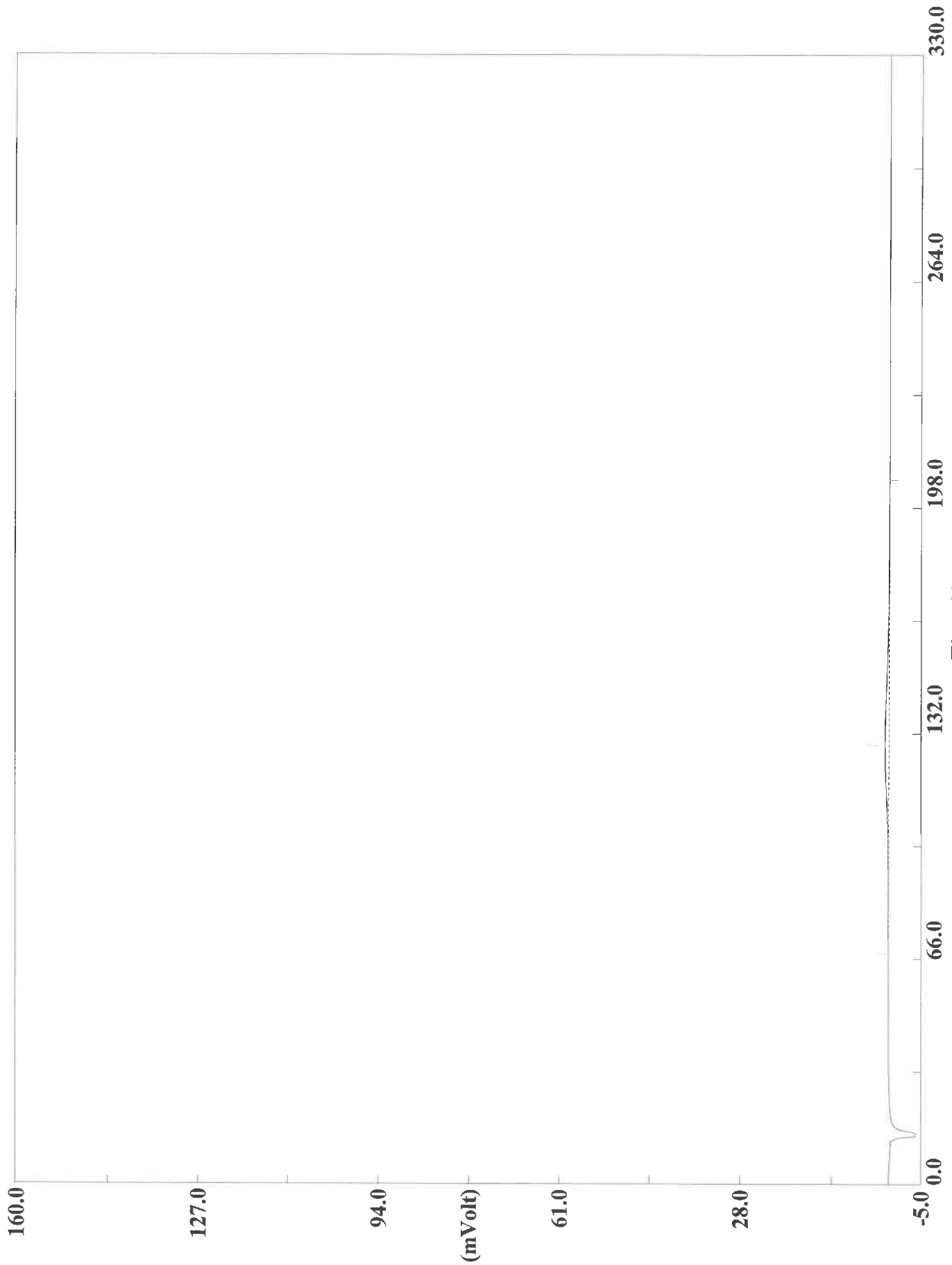
Page: 1 Sample: CCV (A092820043)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 17:57 Printed : 9/29/2020 06:44
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9785	233	5085248	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820044.DAT
Sample name :CCB Analysed :09/28/2020 18:03

Eager 300 Report

Page: 1 Sample: CCB (A092820044)

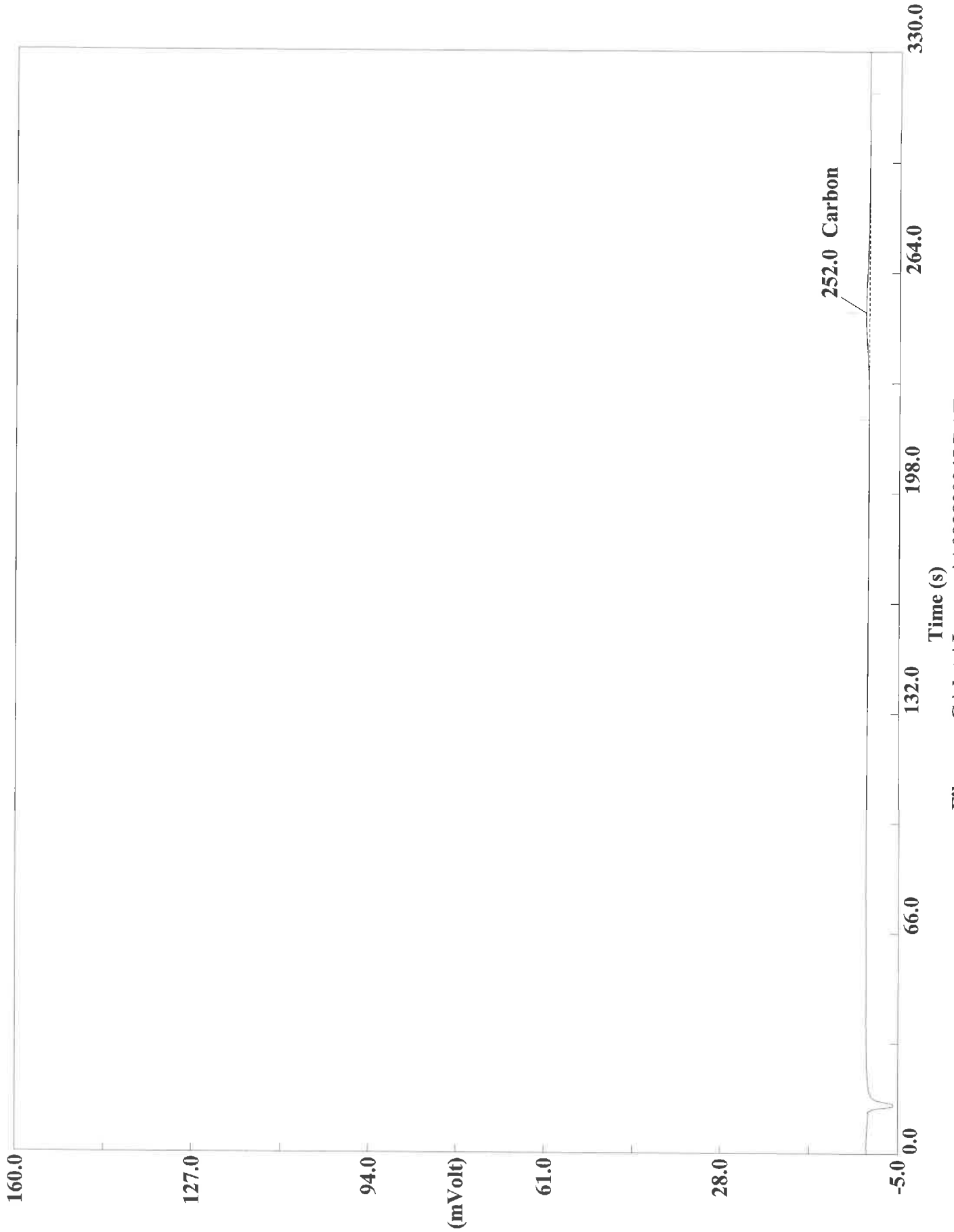
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820044
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:03 Printed : 9/29/2020 06:44
Sample ID : CCB (# 55)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820045.DAT
Sample name :180-111118-A-6 Analysed :09/28/2020 18:08

Eager 300 Report

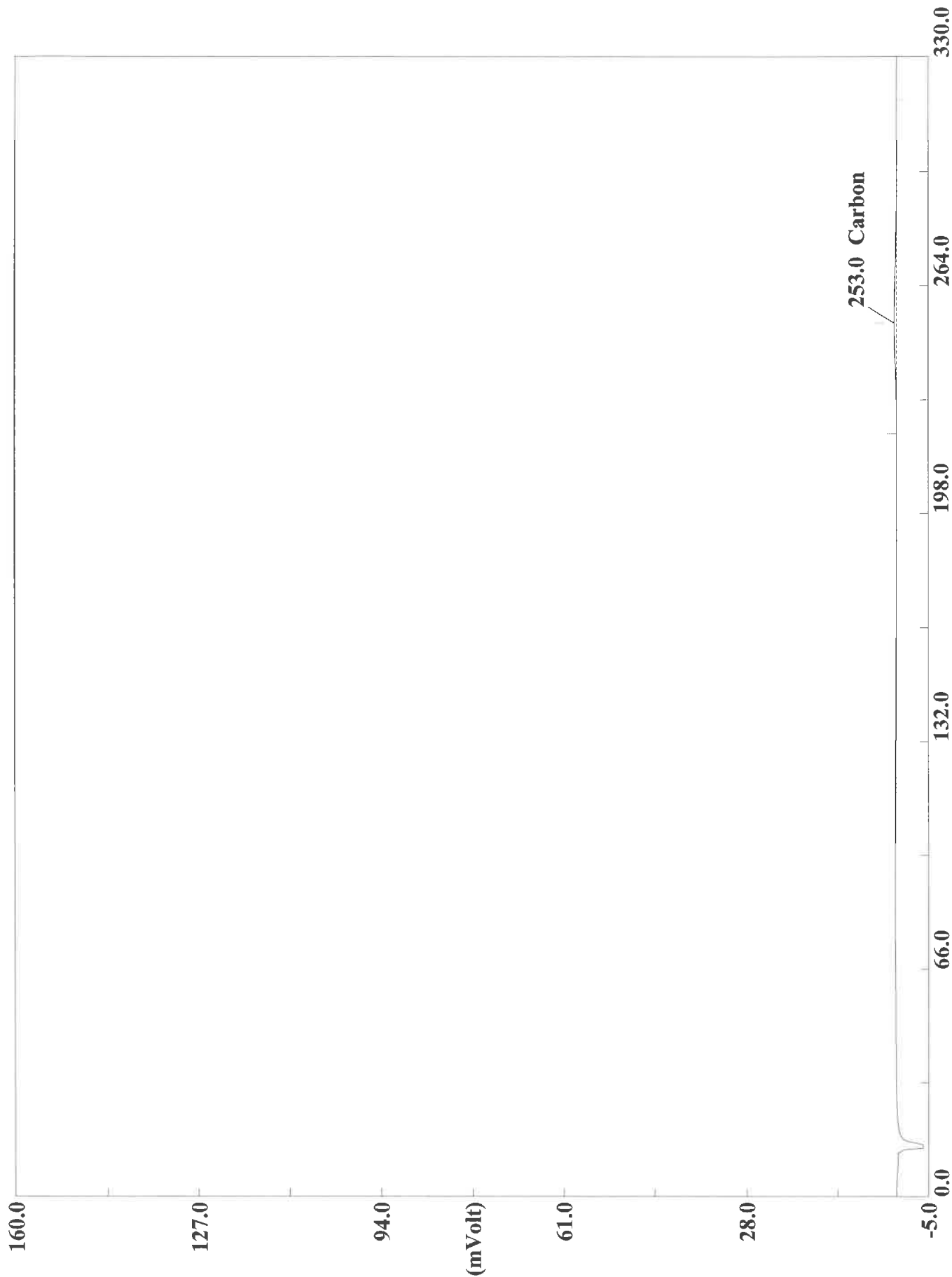
Page: 1 Sample: 180-111118-A-6 (A092820045)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820045
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:08 Printed : 9/29/2020 06:44
Sample ID : 180-111118-A-6 (# 56)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1650	252	186683	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820046.DAT

Sample name :180-11118-A-6 Analysed :09/28/2020 18:14

Eager 300 Report

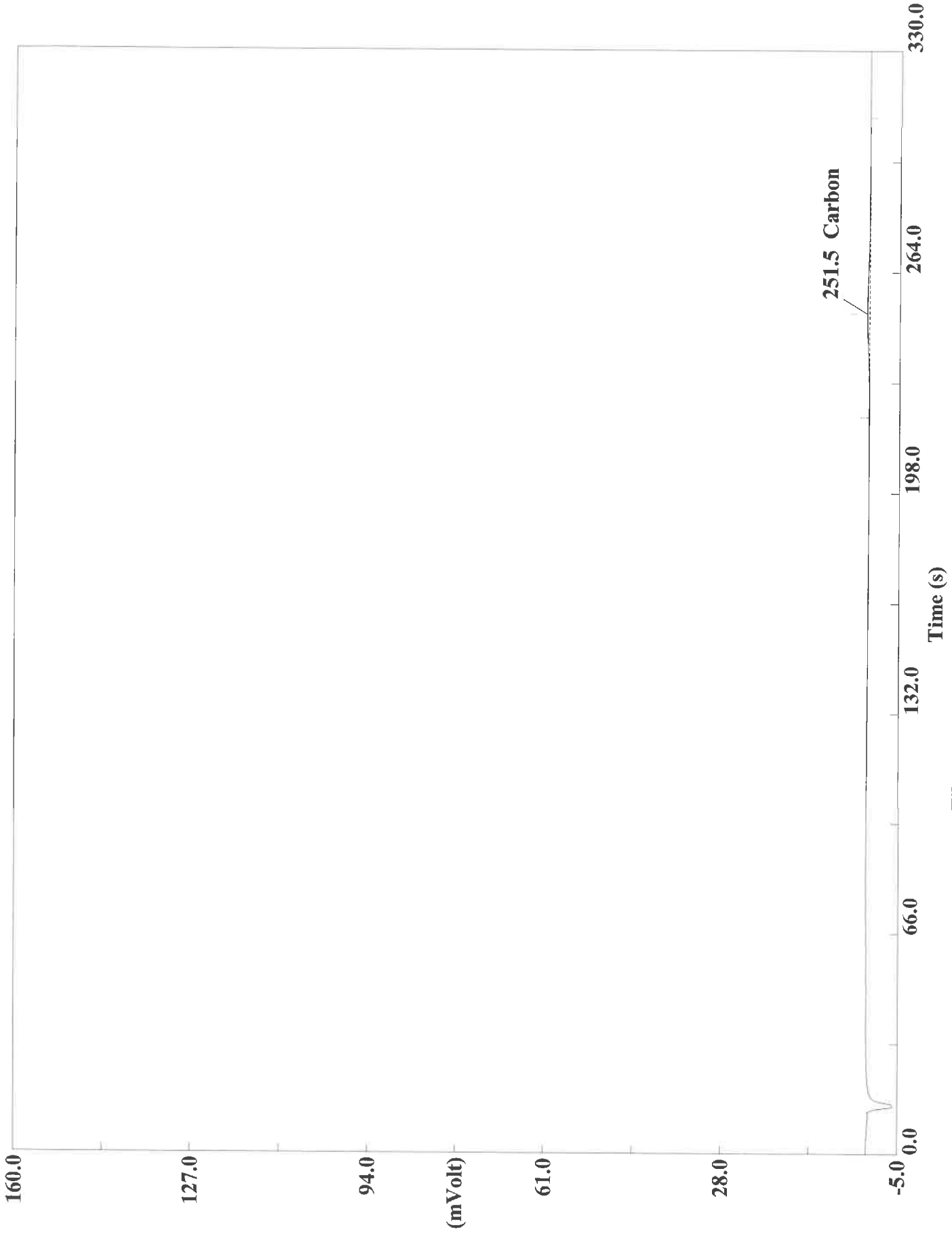
Page: 1 Sample: 180-111118-A-6 (A092820046)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820046
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:14 Printed : 9/29/2020 06:44
Sample ID : 180-111118-A-6 (# 57)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1456	253	140614	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820048.DAT
Sample name : 180-111119-A-1 Analysed : 09/28/2020 18:25

Eager 300 Report

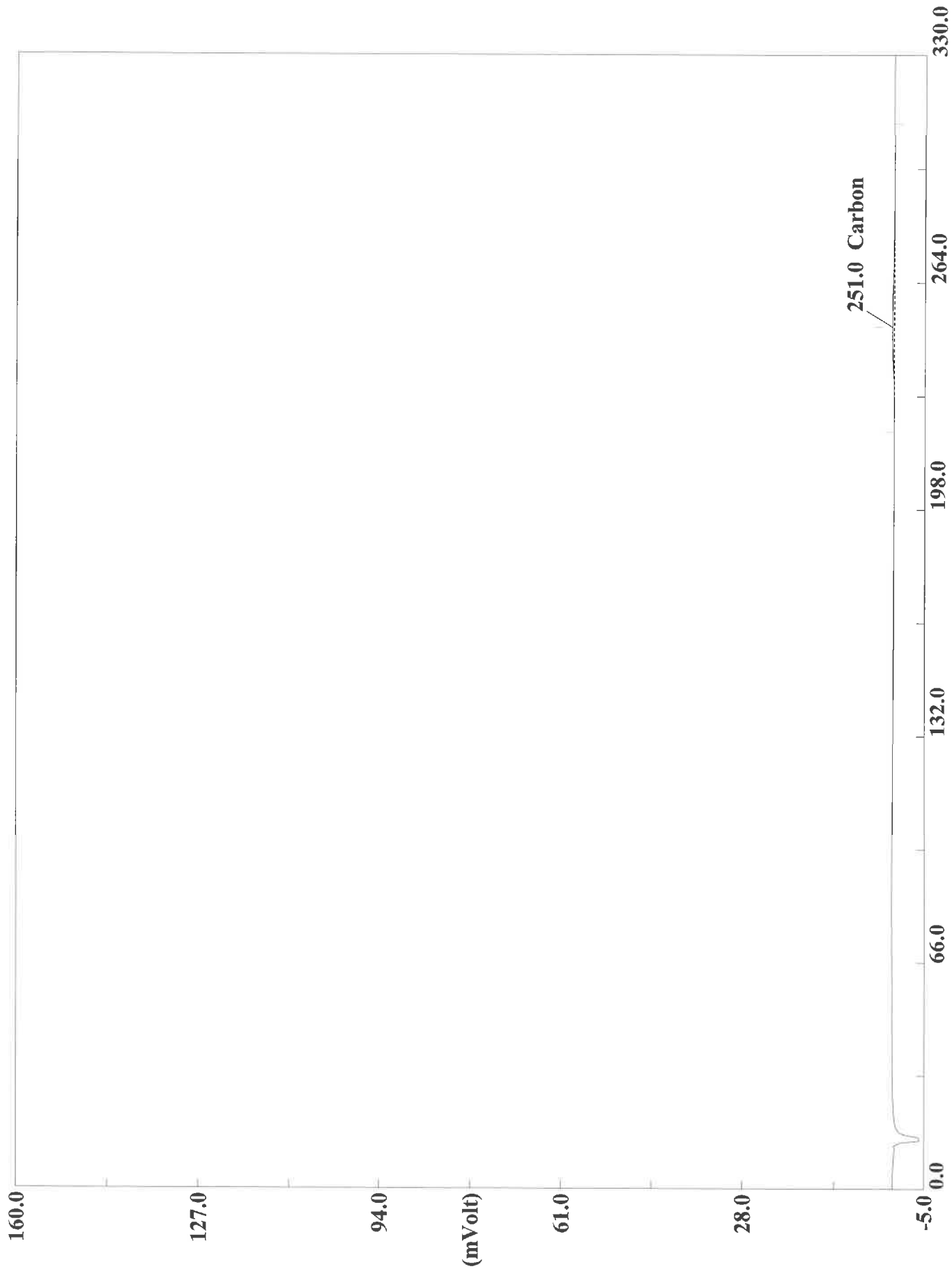
Page: 1 Sample: 180-111119-A-1 (A092820048)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820048
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:25 Printed : 9/29/2020 06:44
Sample ID : 180-111119-A-1 (# 59)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1352	252	118299	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820049.DAT
Sample name :180-111119-A-1 Analysed :09/28/2020 18:31

Eager 300 Report

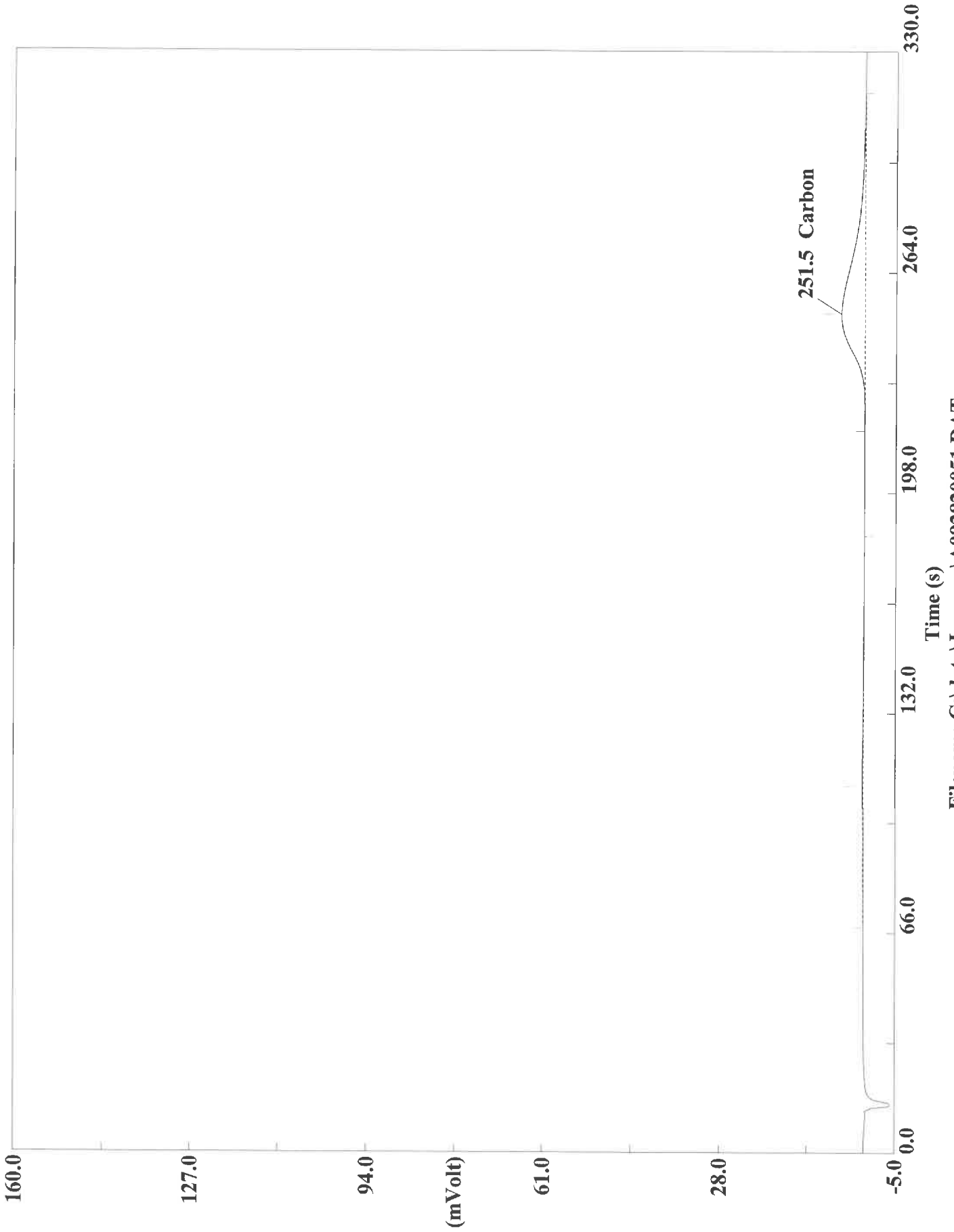
Page: 1 Sample: 180-111119-A-1 (A092820049)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820049
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:31 Printed : 9/29/2020 06:44
Sample ID : 180-111119-A-1 (# 60)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1234	251	110397	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820051.DAT

Sample name :180-111121-A-1 Analysed :09/28/2020 18:42

Eager 300 Report

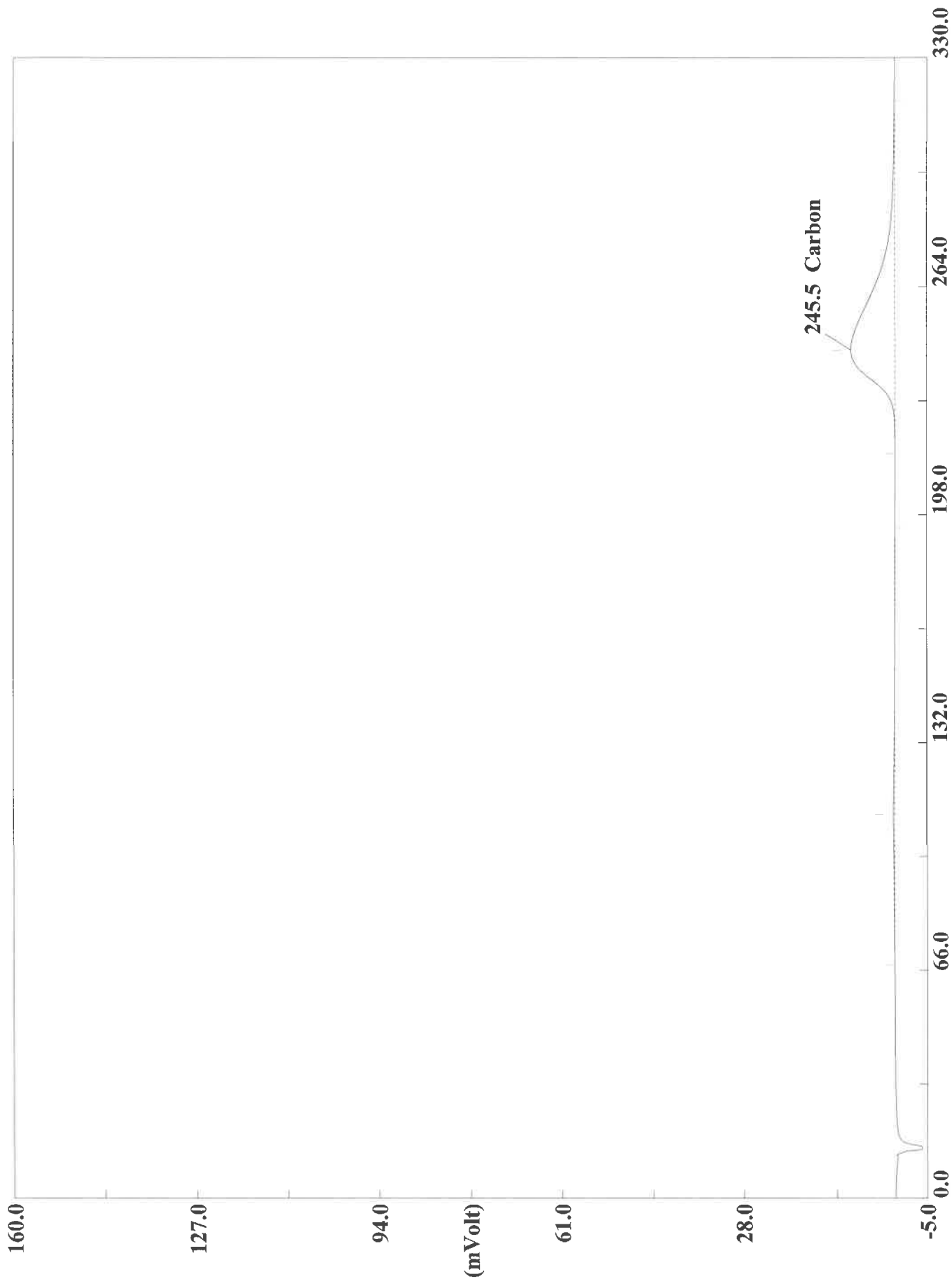
Page: 1 Sample: 180-111121-A-1 (A092820051)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820051
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:42 Printed : 9/29/2020 06:44
Sample ID : 180-111121-A-1 (# 62)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4381	252	1410547	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Time (s)

Filename C:\data\January\A092820052.DAT

Sample name :180-111121-A-1 Analysed :09/28/2020 18:47

Eager 300 Report

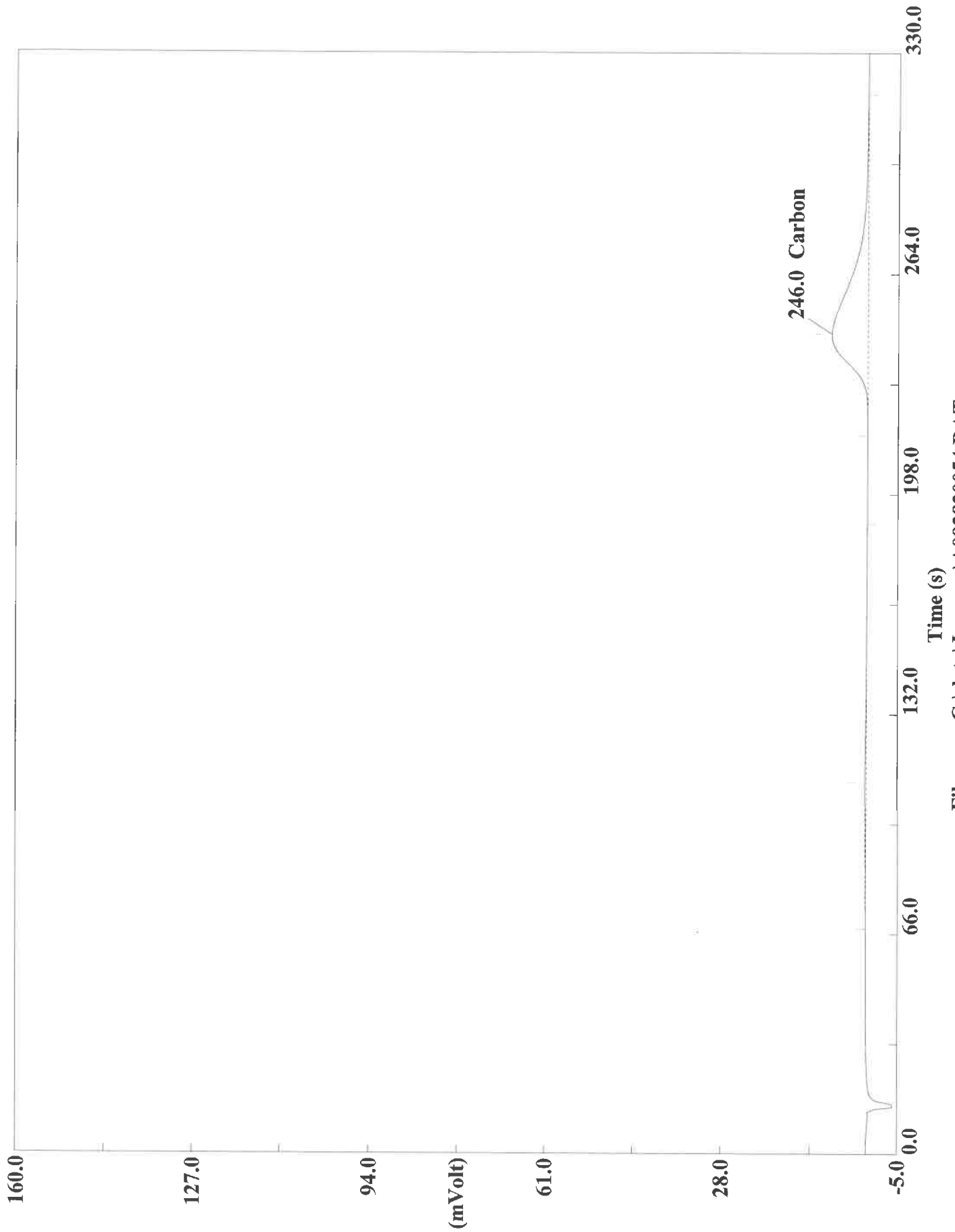
Page: 1 Sample: 180-111121-A-1 (A092820052)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820052
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:47 Printed : 9/29/2020 06:44
Sample ID : 180-111121-A-1 (# 63)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9280	246	2271515	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820054.DAT

Sample name :180-111121-A-2 Analysed :09/28/2020 18:59

Eager 300 Report

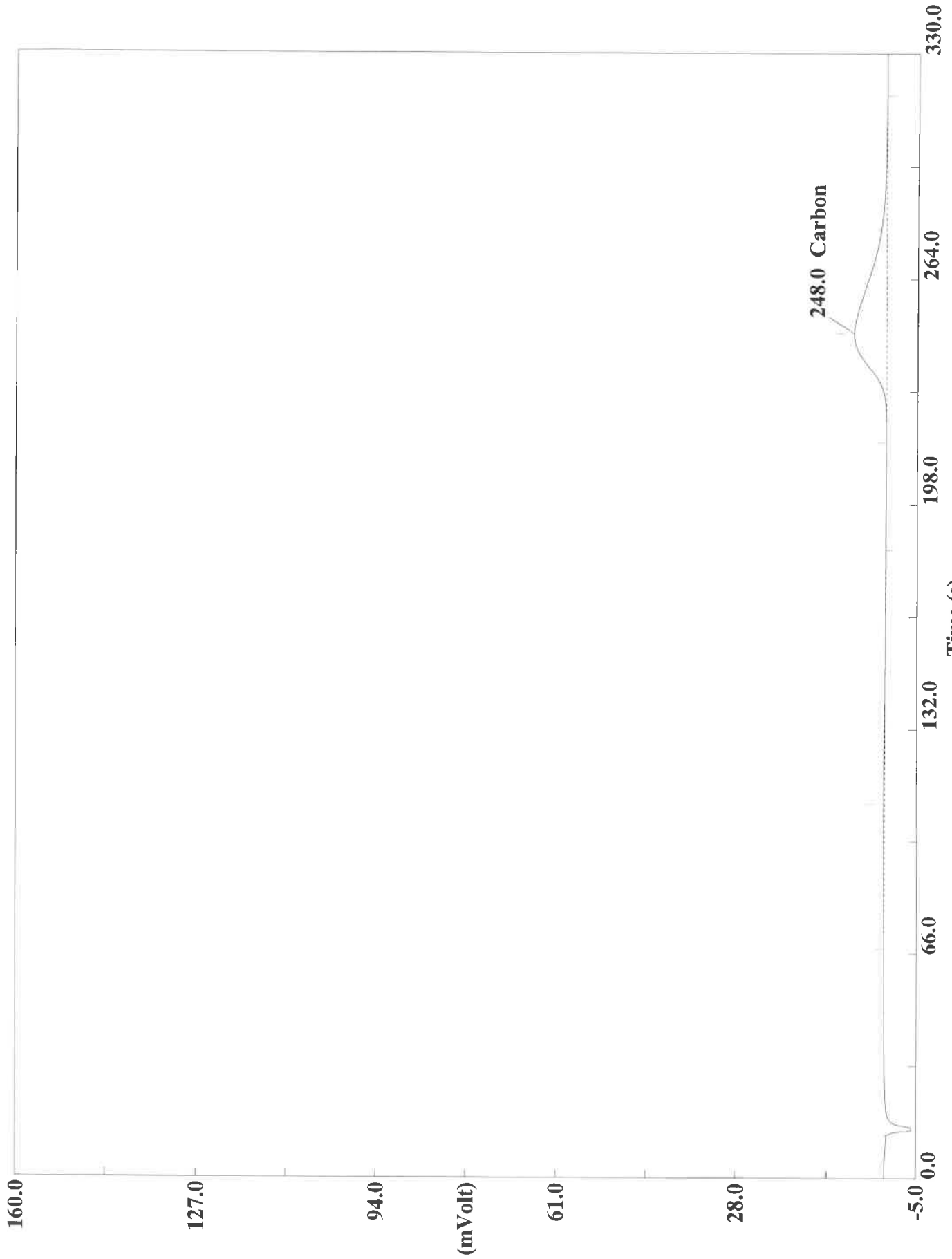
Page: 1 Sample: 180-111121-A-2 (A092820054)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820054
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 18:59 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-2 (# 65)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6528	246	1892206	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820055.DAT
Sample name :180-111121-A-2 Analysed :09/28/2020 19:04

Eager 300 Report

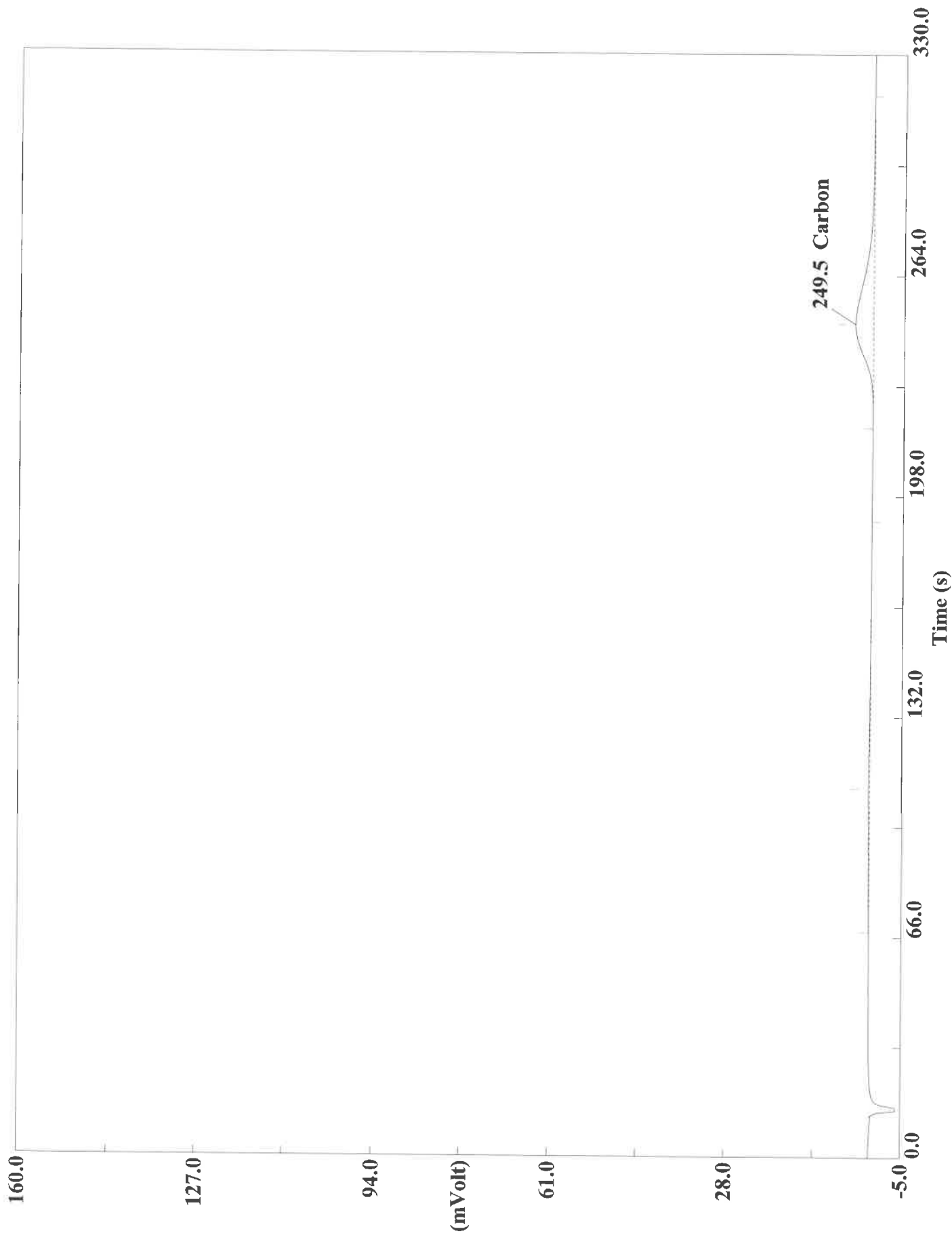
Page: 1 Sample: 180-111121-A-2 (A092820055)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820055
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:04 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-2 (# 66)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8533	248	1785914	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820057.DAT
Sample name :180-111121-A-3 Analysed :09/28/2020 19:15

Eager 300 Report

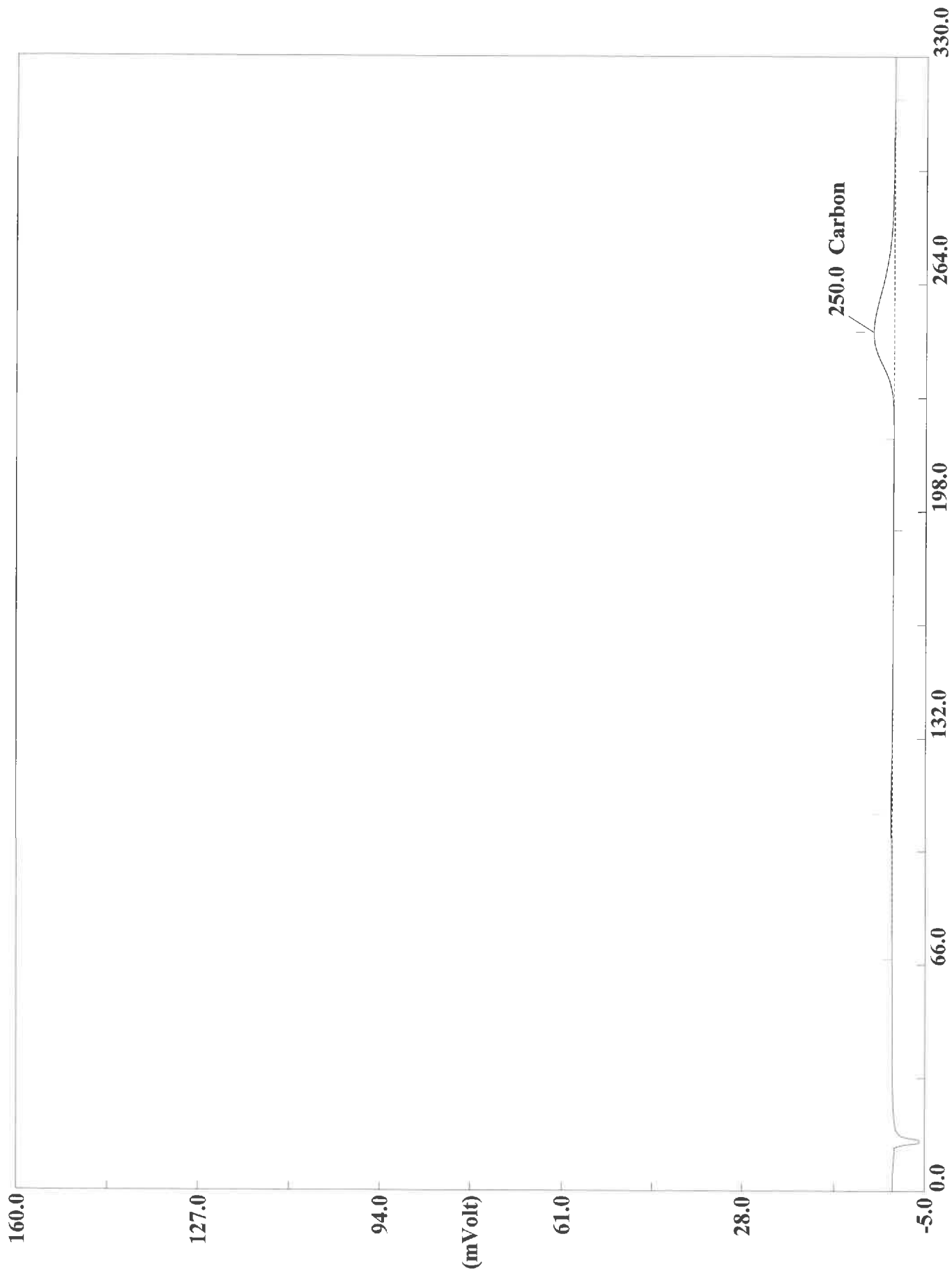
Page: 1 Sample: 180-111121-A-3 (A092820057)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820057
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:15 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-3 (# 68)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9507	250	934422	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820058.DAT
Sample name :180-111121-A-3 Analysed :09/28/2020 19:21

Eager 300 Report

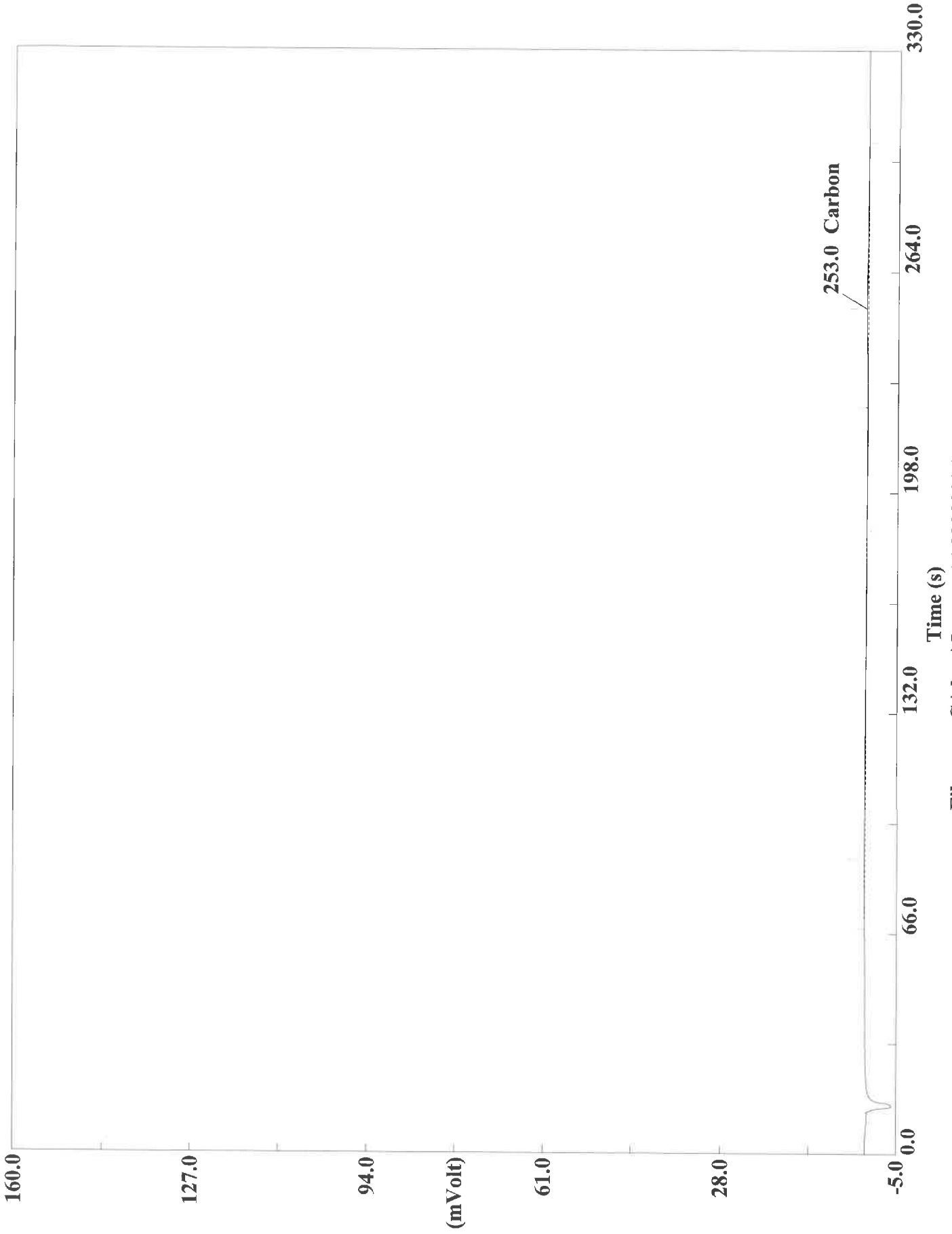
Page: 1 Sample: 180-111121-A-3 (A092820058)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820058
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:21 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-3 (# 69)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9076	250	990473	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820060.DAT
Sample name :180-111121-A-4 Analysed :09/28/2020 19:32

Eager 300 Report

Page: 1 Sample: 180-111121-A-4 (A092820060)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820060
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:32 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-4 (# 71)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0877	253	70766	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820061.DAT
Sample name :180-11121-A-4 Analysed :09/28/2020 19:38

Eager 300 Report

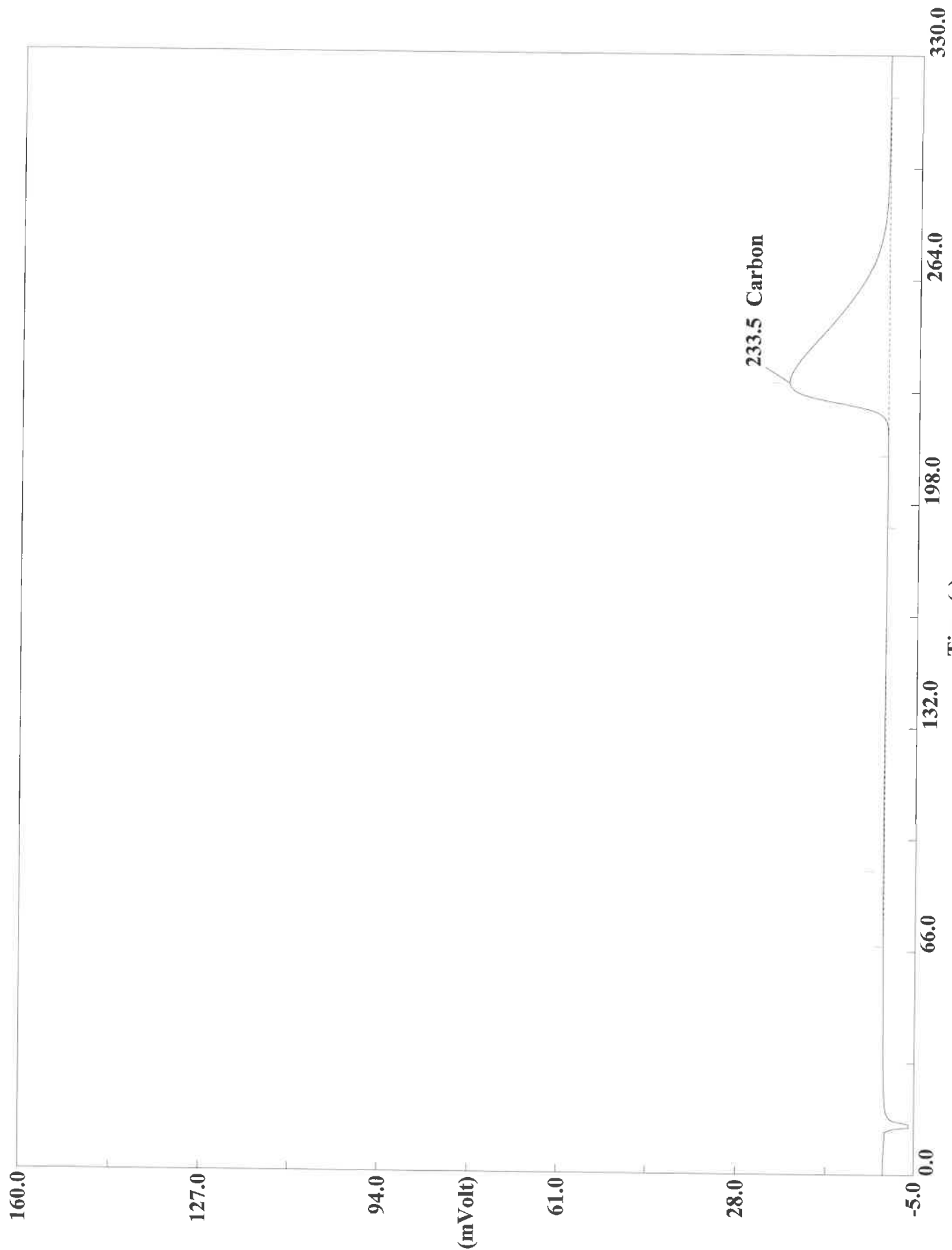
Page: 1 Sample: 180-111121-A-4 (A092820061)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820061
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:38 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-4 (# 72)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0919	255	97350	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820063.DAT
Sample name :CCV Analysed :09/28/2020 19:49

Eager 300 Report

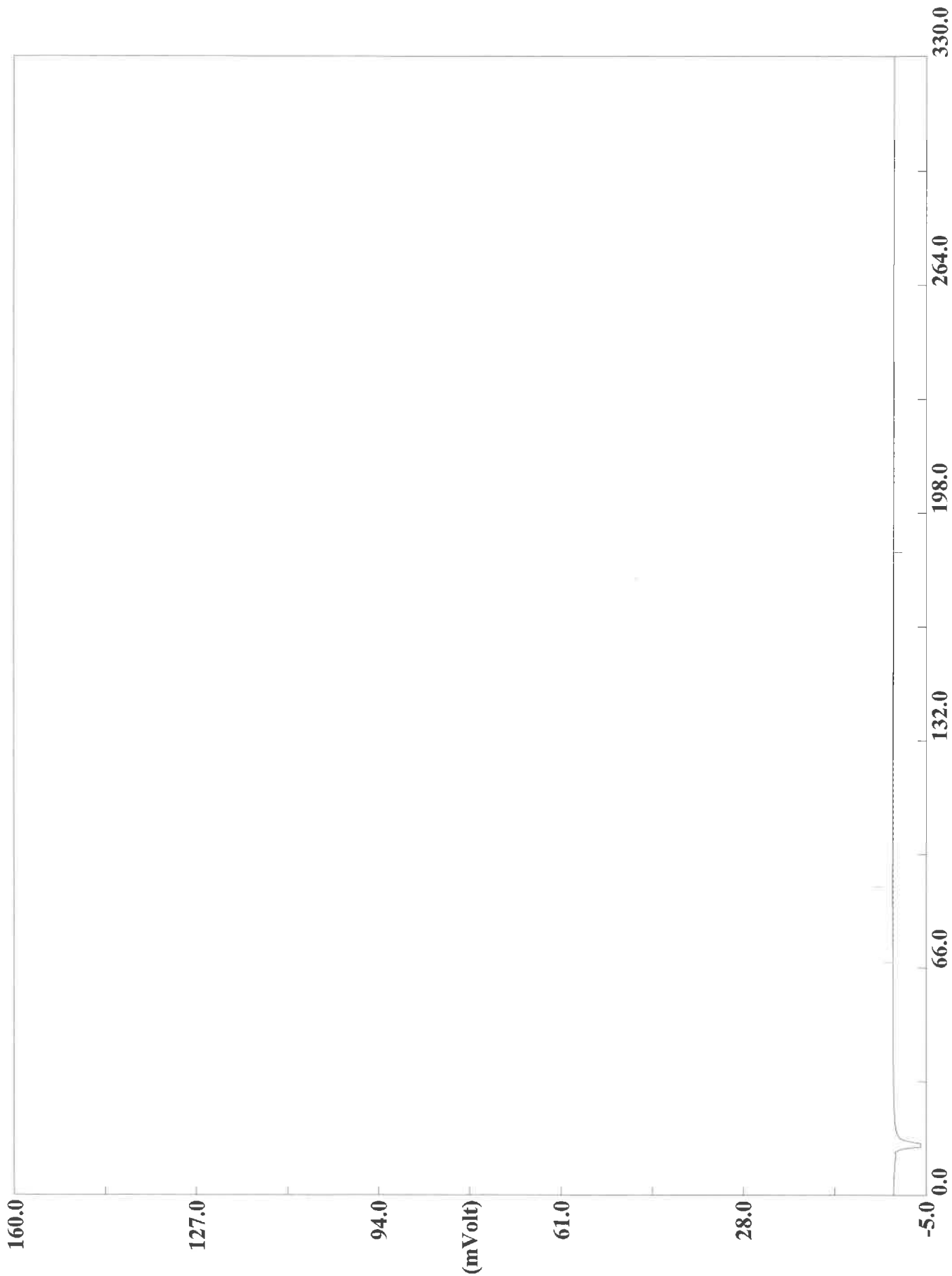
Page: 1 Sample: CCV (A092820063)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820063
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:49 Printed : 9/29/2020 06:45
Sample ID : CCV (# 74)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9832	234	5109971	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820064.DAT
Sample name :CCB Analysed :09/28/2020 19:54

Eager 300 Report

Page: 1 Sample: CCB (A092820064)

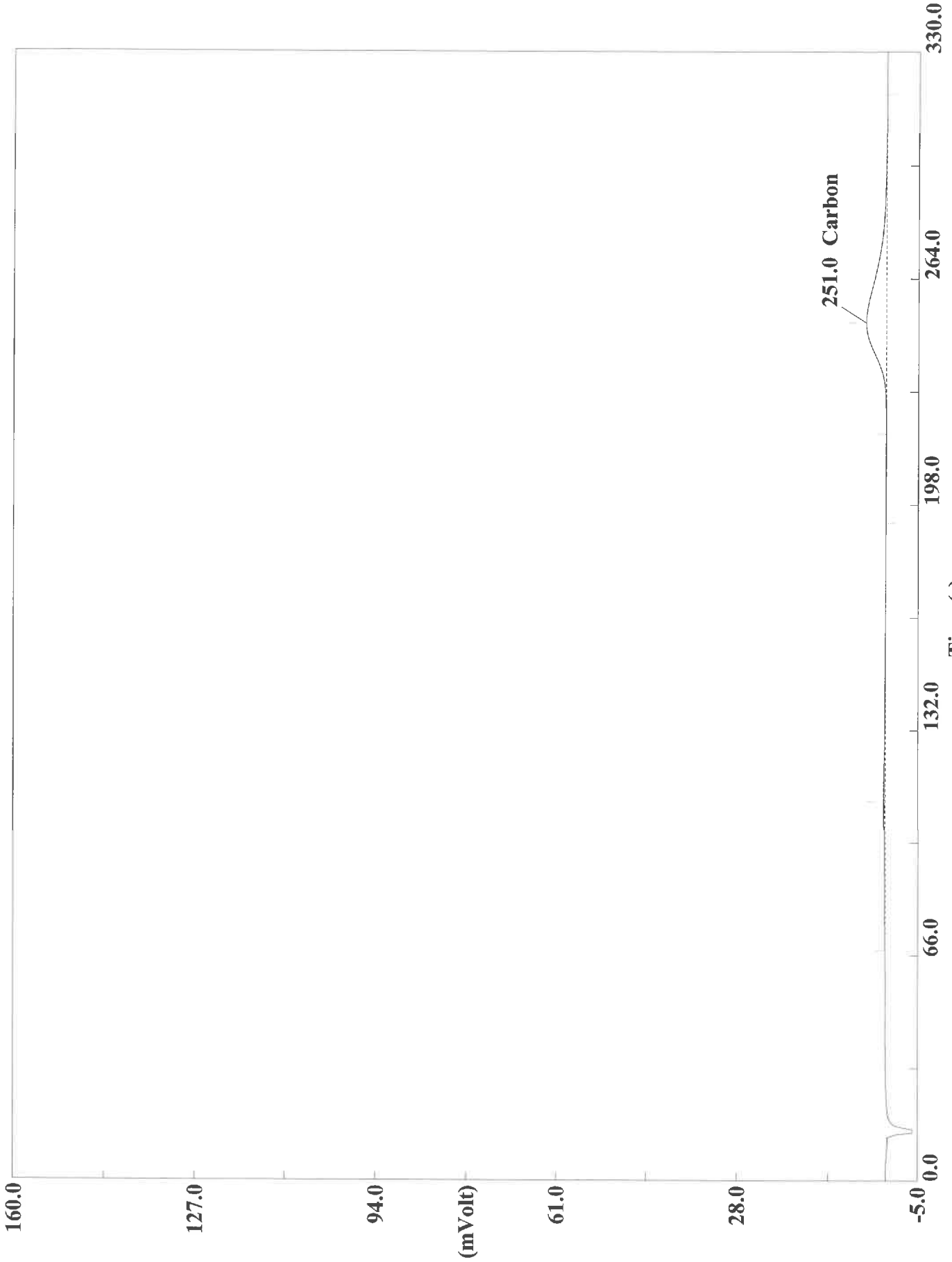
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820064
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 19:54 Printed : 9/29/2020 06:45
Sample ID : CCB (# 75)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820065.DAT
Sample name :180-111121-A-5 Analysed :09/28/2020 20:00

Eager 300 Report

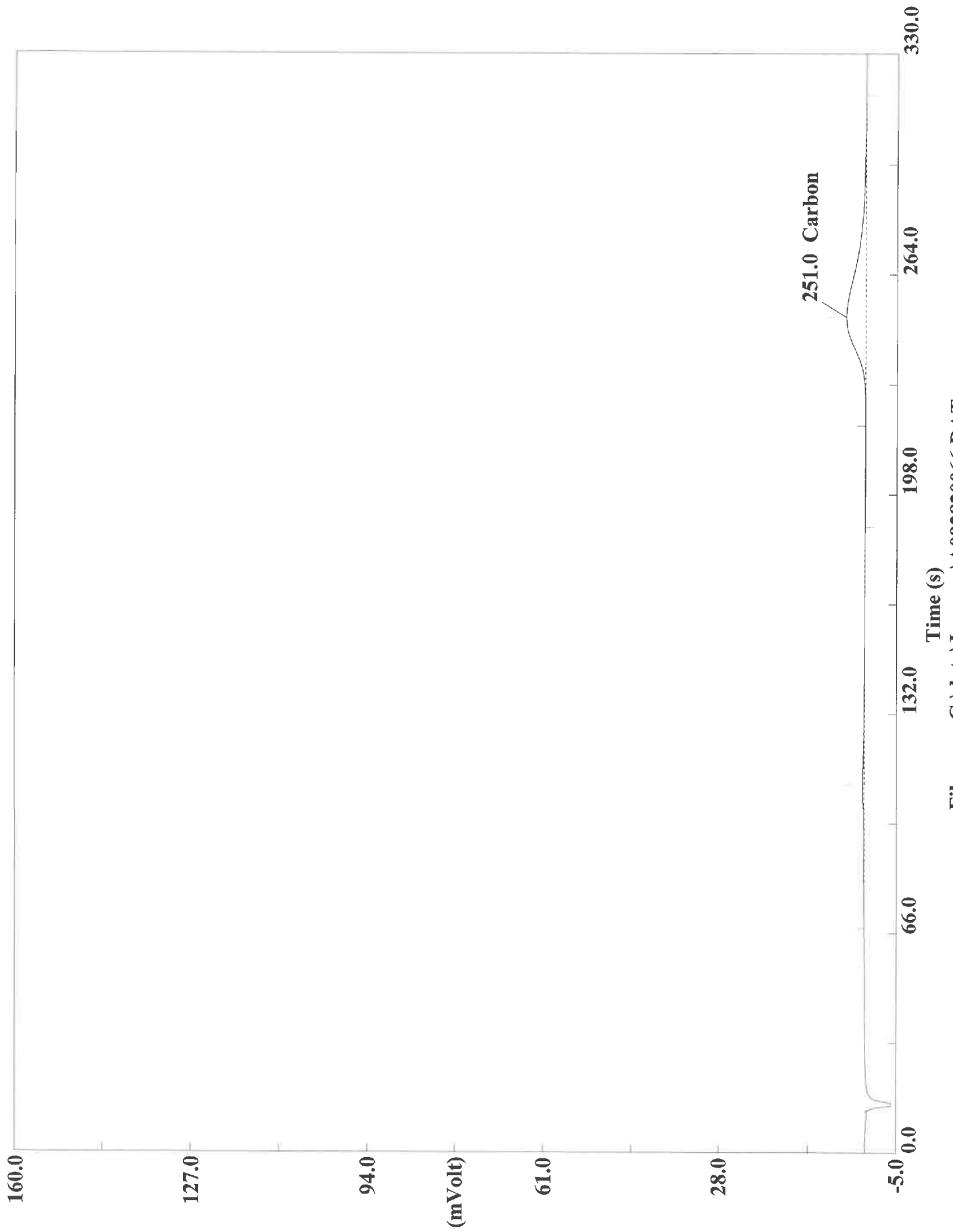
Page: 1 Sample: 180-111121-A-5 (A092820065)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820065
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:00 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-5 (# 76)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.8598	251	1017851	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820066.DAT
Sample name :180-111121-A-5 Analysed :09/28/2020 20:06

Eager 300 Report

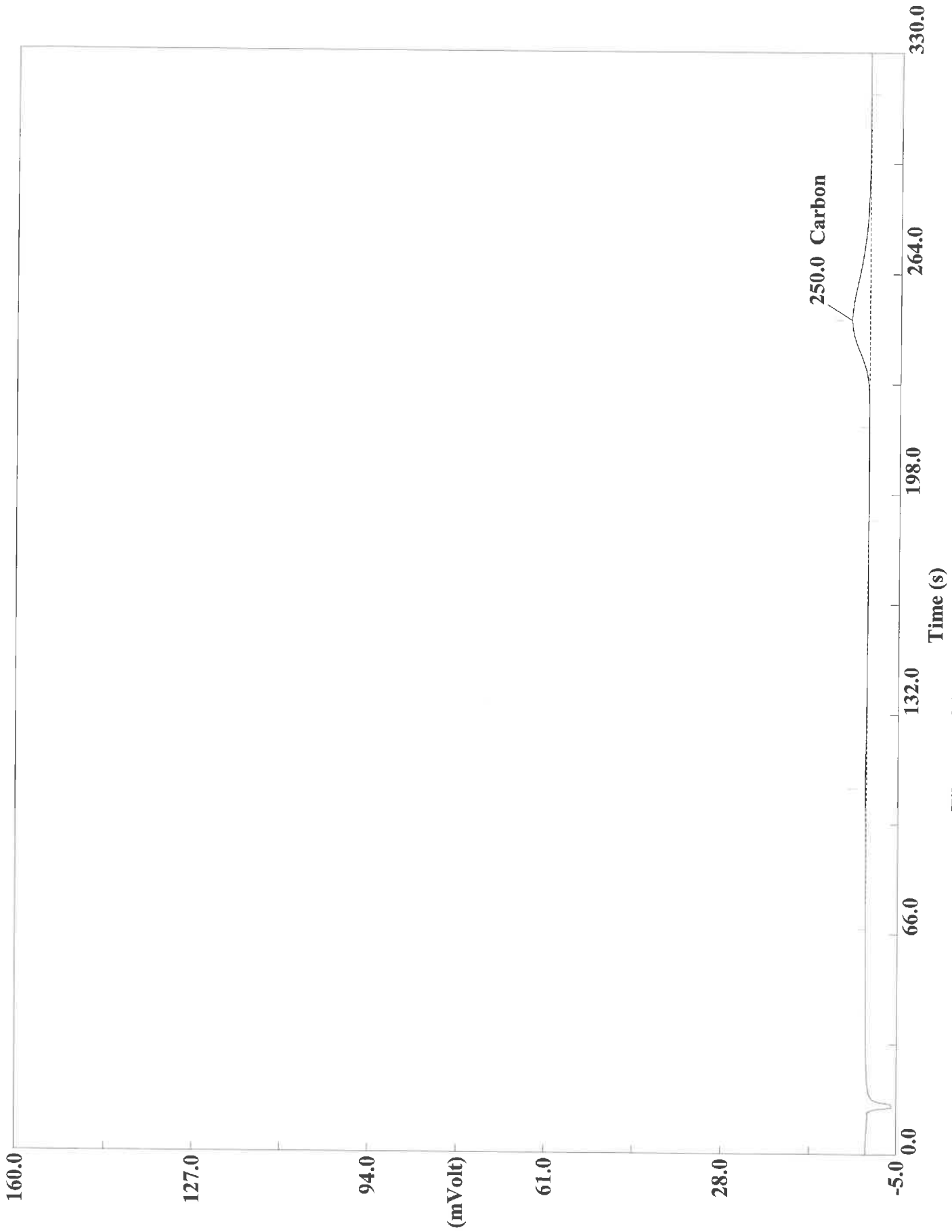
Page: 1 Sample: 180-111121-A-5 (A092820066)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820066
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:06 Printed : 9/29/2020 06:45
Sample ID : 180-111121-A-5 (# 77)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7841	251	1032590	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820068.DAT
Sample name : 180-111121-A-6 Analysed : 09/28/2020 20:17

Eager 300 Report

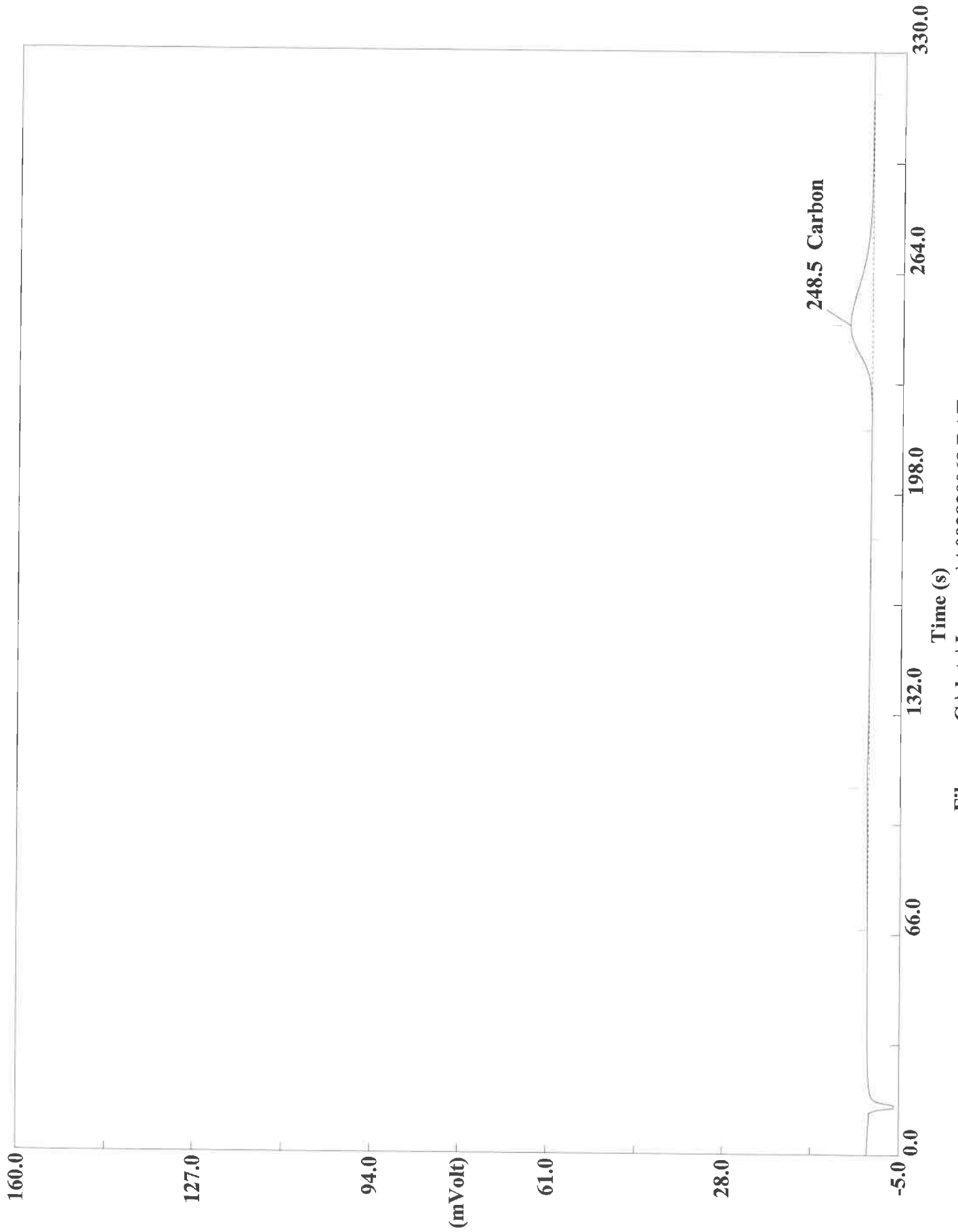
Page: 1 Sample: 180-111121-A-6 (A092820068)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820068
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:17 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-6 (# 79)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.8014	250	934570	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820069.DAT

Sample name : 180-111121-A-6 Analysed : 09/28/2020 20:22

Eager 300 Report

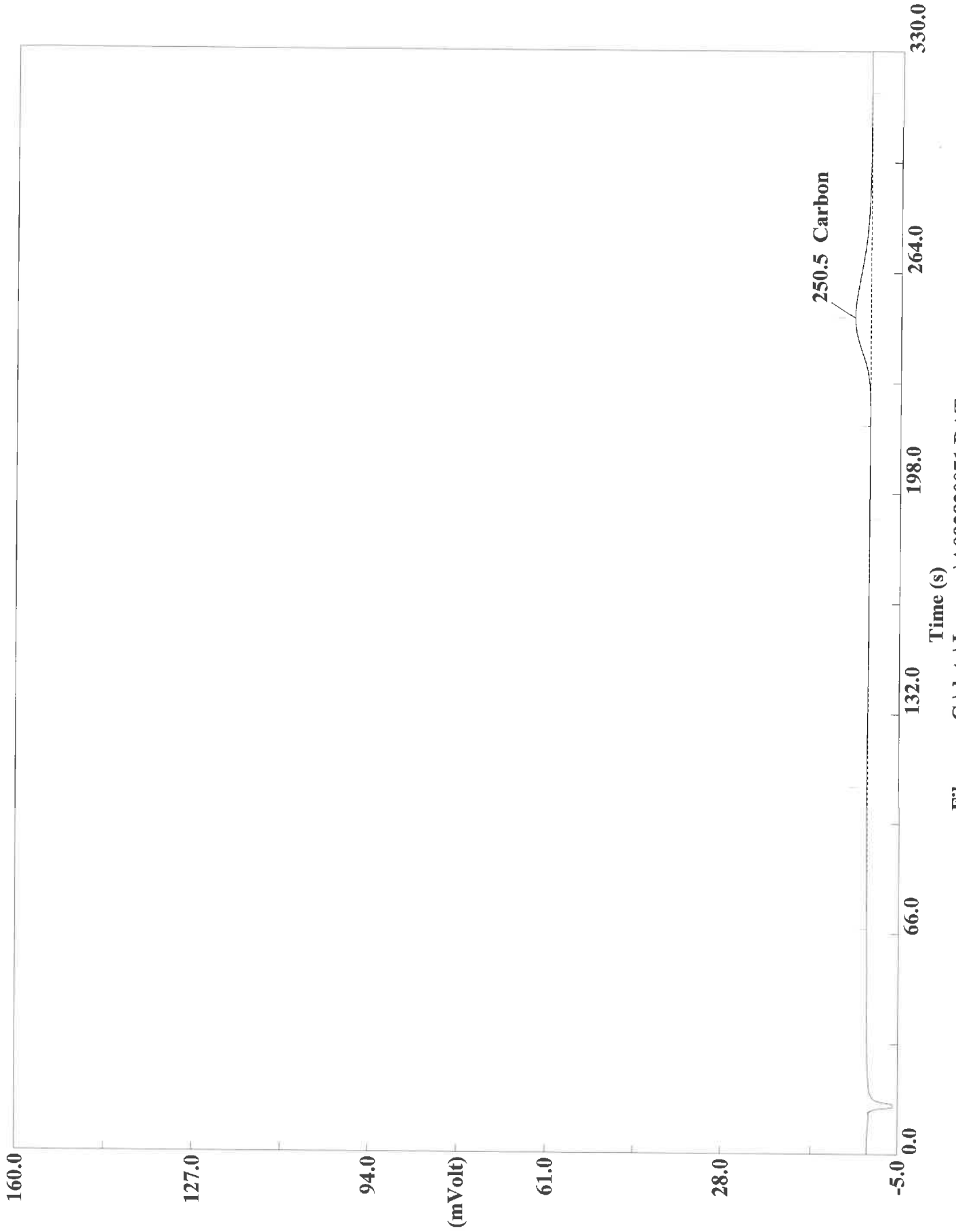
Page: 1 Sample: 180-111121-A-6 (A092820069)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820069
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:22 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-6 (# 80)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9990	249	1082197	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820071.DAT
Sample name :180-111121-A-8 Analysed :09/28/2020 20:33

Eager 300 Report

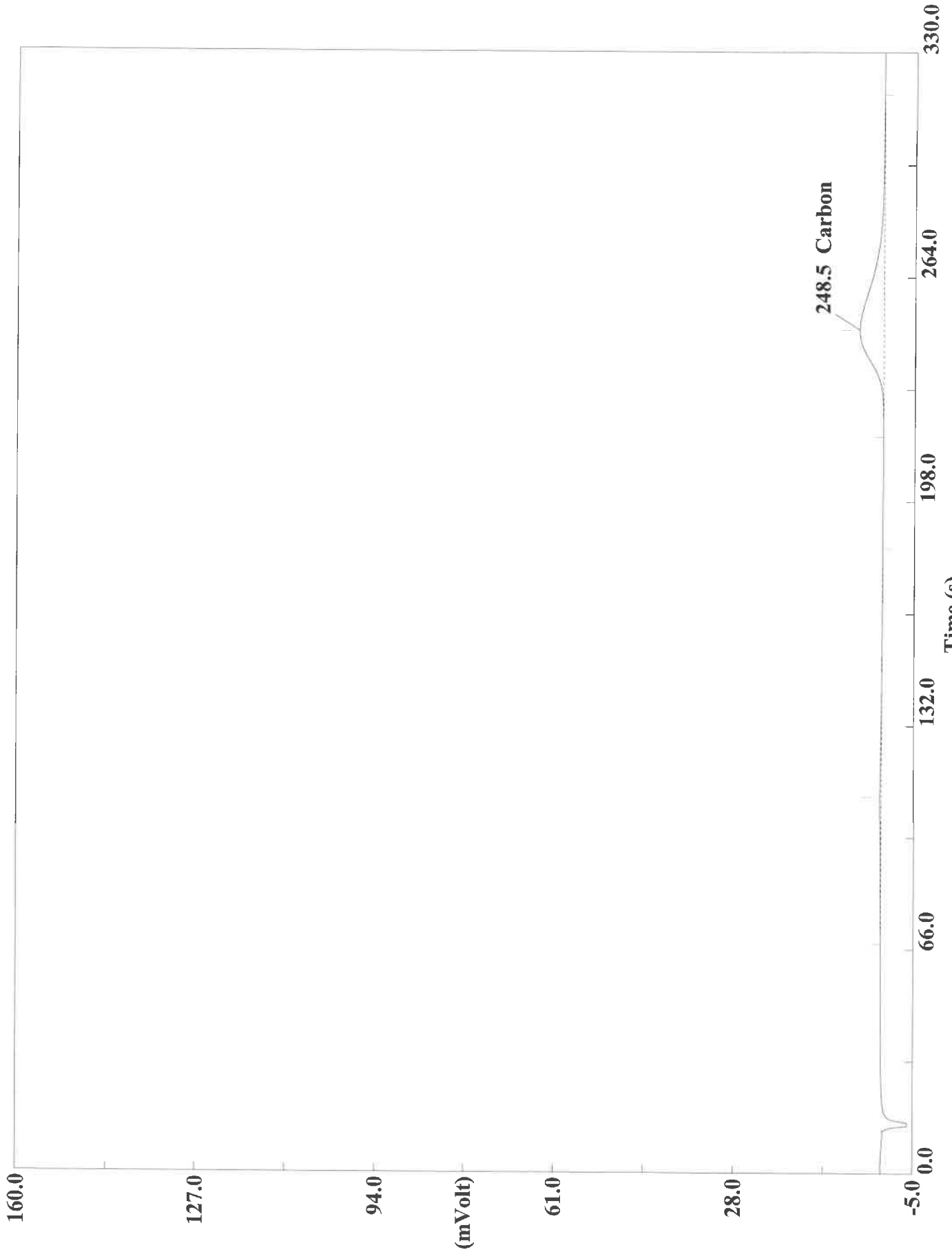
Page: 1 Sample: 180-111121-A-8 (A092820071)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820071
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:33 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-8 (# 82)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9344	251	859493	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820072.DAT
Sample name : 180-111121-A-8 Analysed : 09/28/2020 20:39

Eager 300 Report

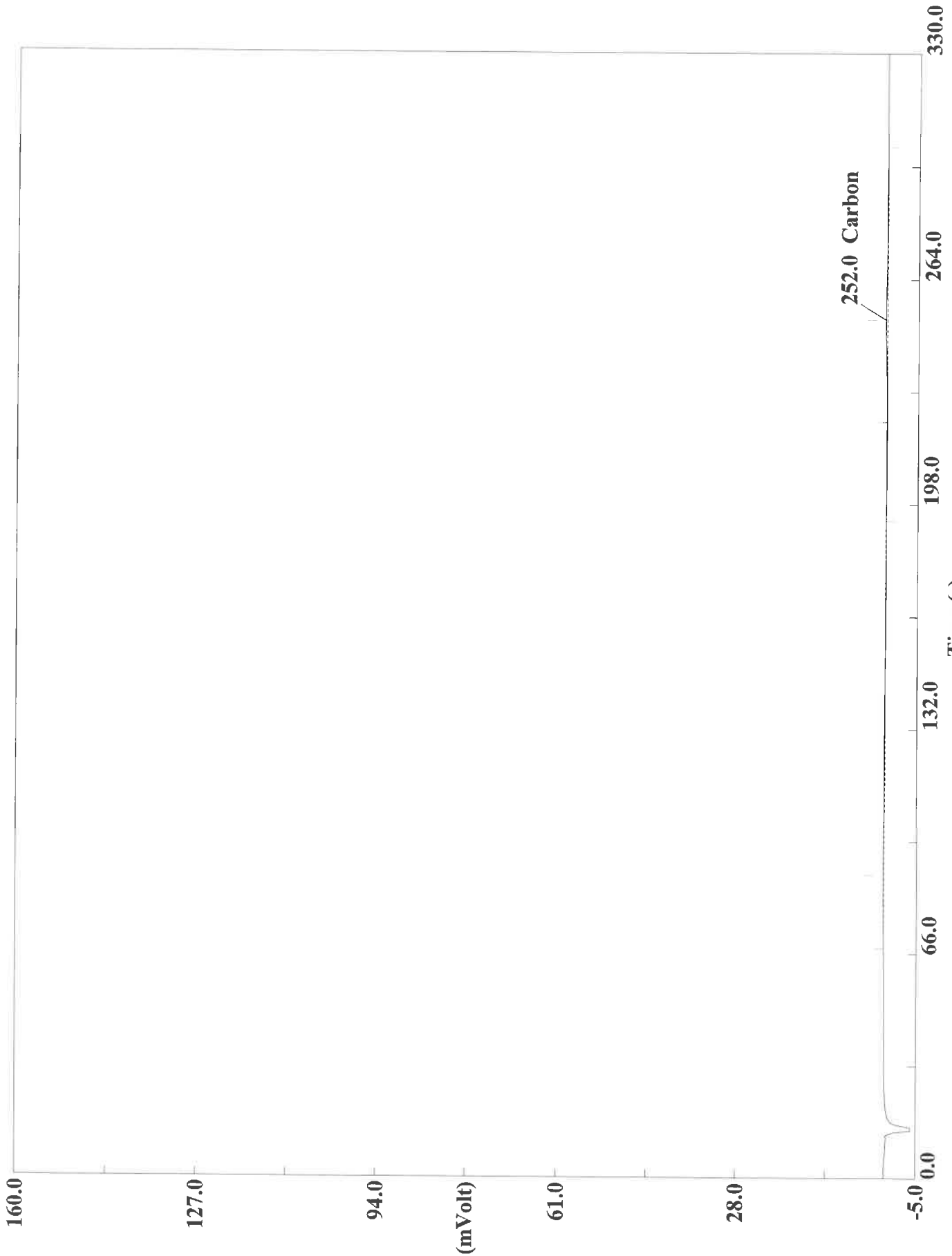
Page: 1 Sample: 180-111121-A-8 (A092820072)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820072
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:39 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-8 (# 83)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9866	249	1192083	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820074.DAT
Sample name :180-111121-A-9 Analysed :09/28/2020 20:50

Eager 300 Report

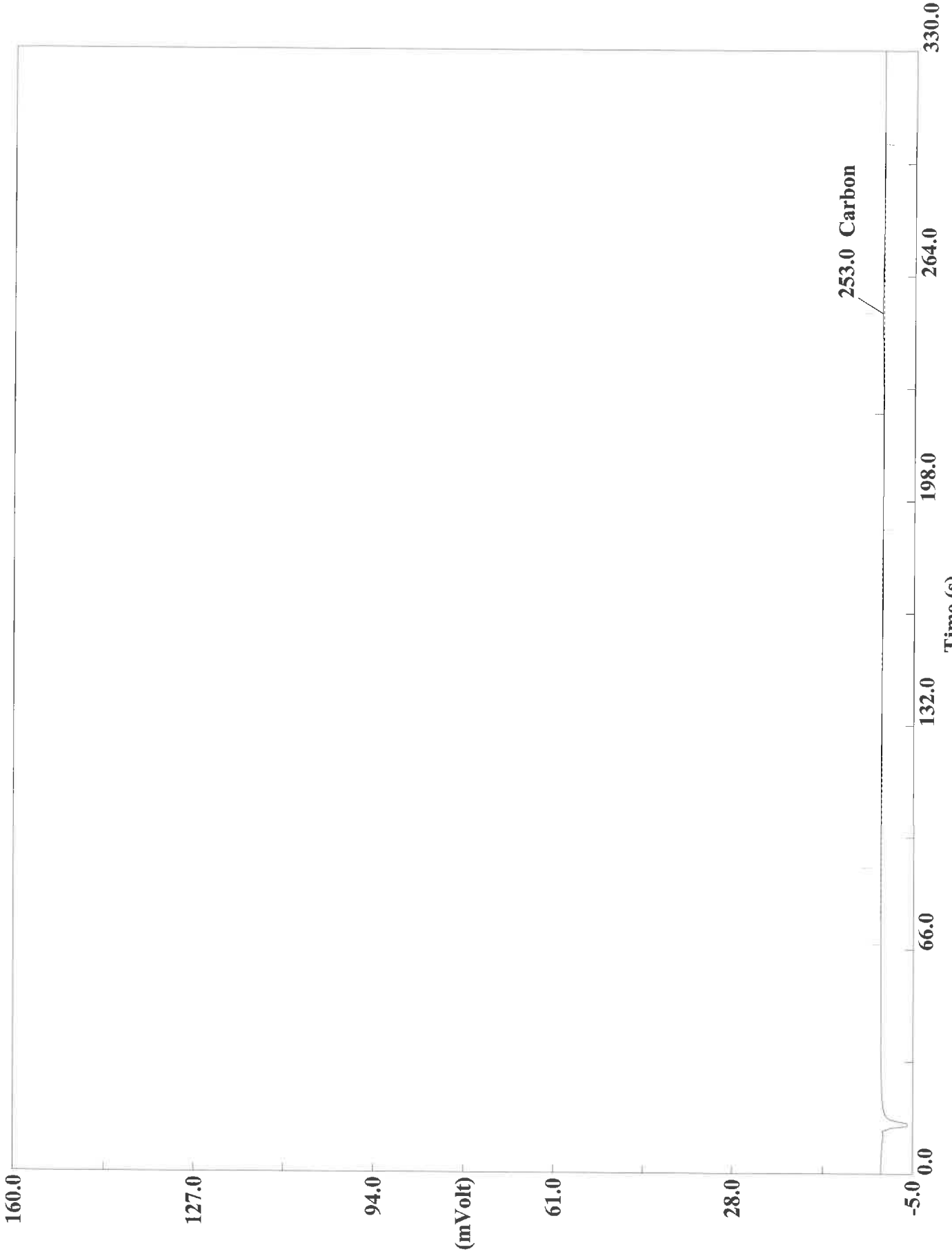
Page: 1 Sample: 180-111121-A-9 (A092820074)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820074
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:50 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-9 (# 85)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0802	252	70257	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820075.DAT
Sample name :180-111121-A-9 Analysed :09/28/2020 20:56

Eager 300 Report

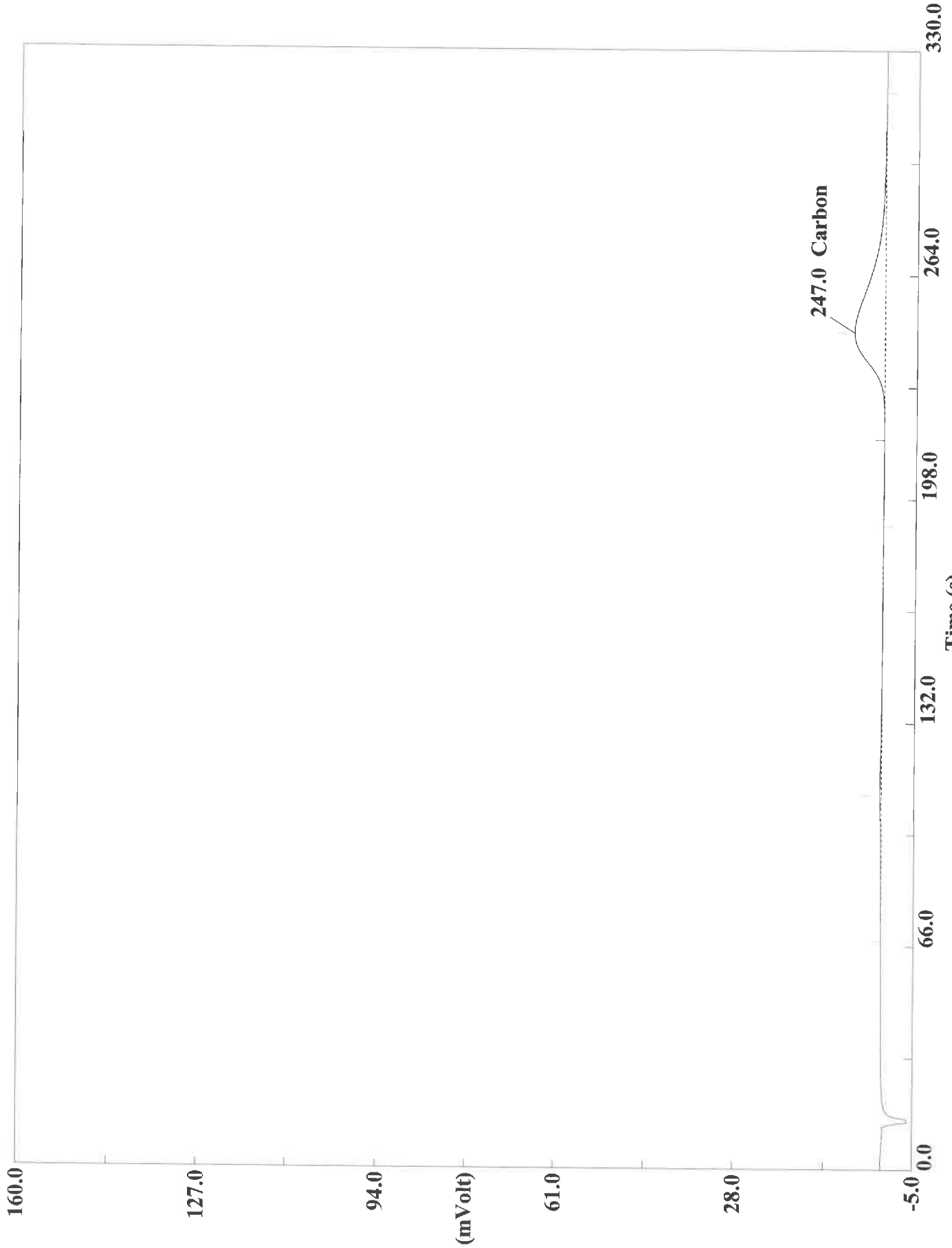
Page: 1 Sample: 180-111121-A-9 (A092820075)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820075
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 20:56 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-9 (# 86)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0715	253	67169	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820077.DAT

Sample name : 180-111121-A-10 Analysed : 09/28/2020 21:07

Eager 300 Report

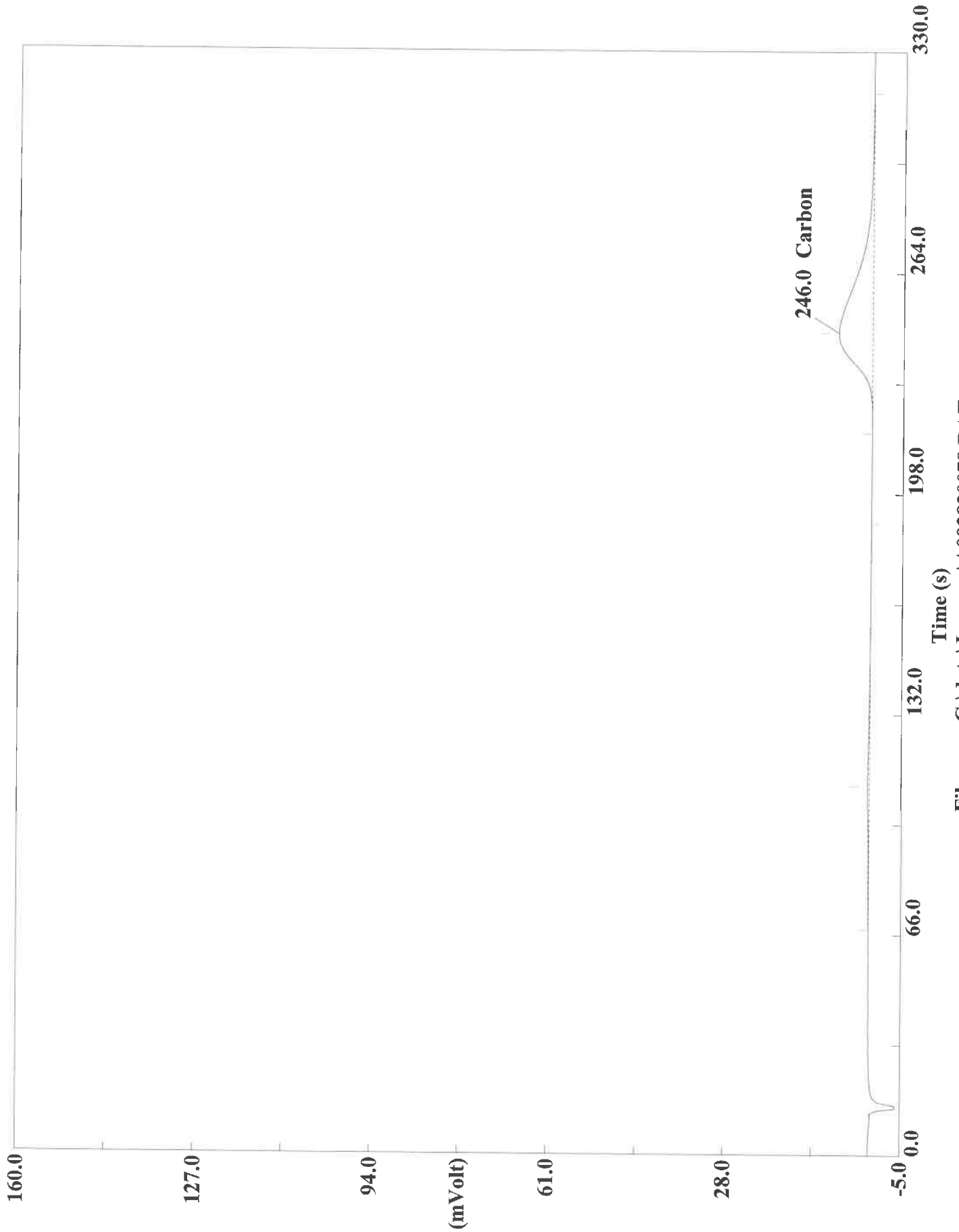
Page: 1 Sample: 180-111121-A-10 (A092820077)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820077
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:07 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-10 (# 88)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2778	247	1550900	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820078.DAT

Sample name :180-111121-A-10 Analysed :09/28/2020 21:13

Eager 300 Report

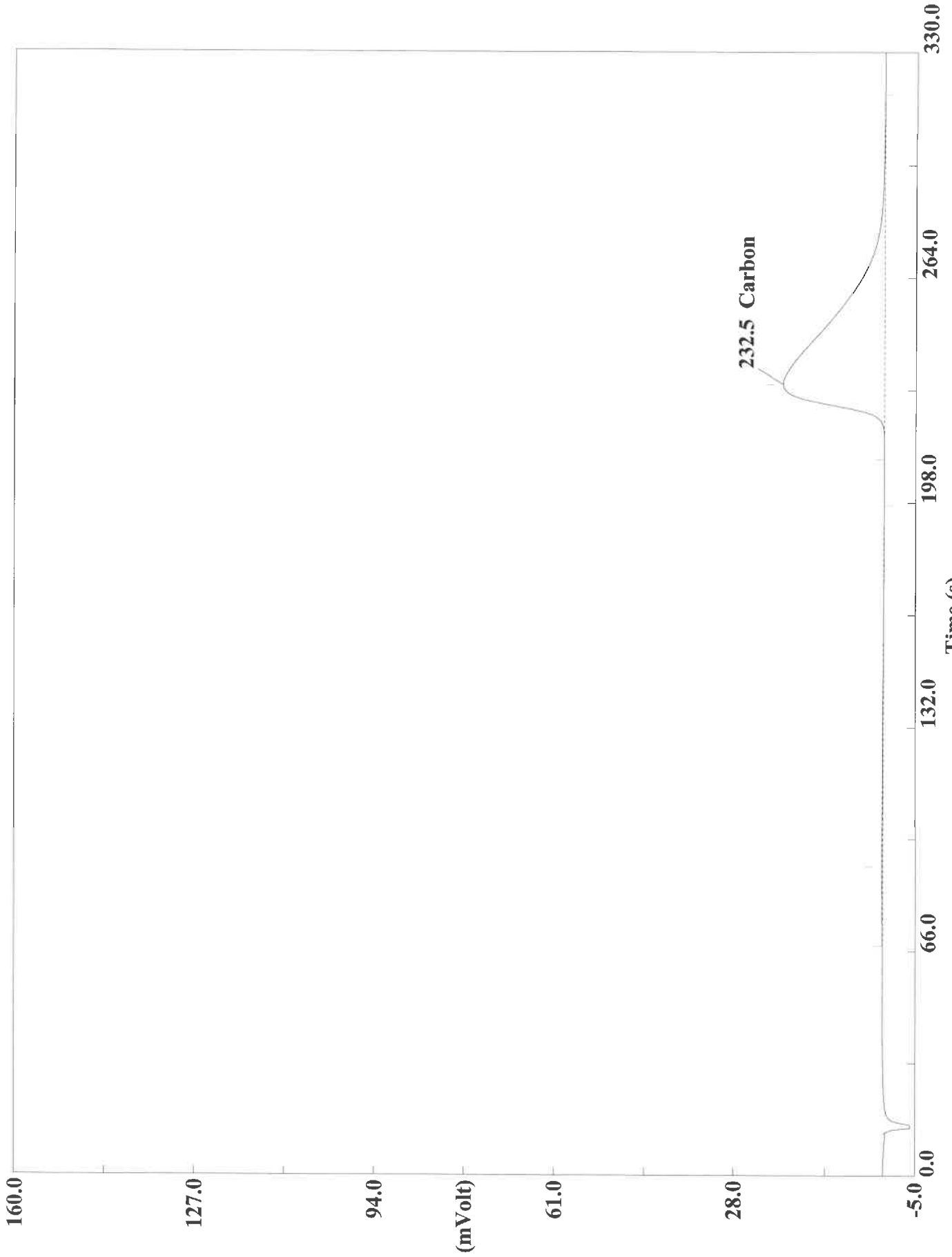
Page: 1 Sample: 180-111121-A-10 (A092820078)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820078
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:13 Printed : 9/29/2020 06:46
Sample ID : 180-111121-A-10 (# 89)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3969	246	1785162	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820080.DAT
Sample name :CCV Analysed :09/28/2020 21:24

Eager 300 Report

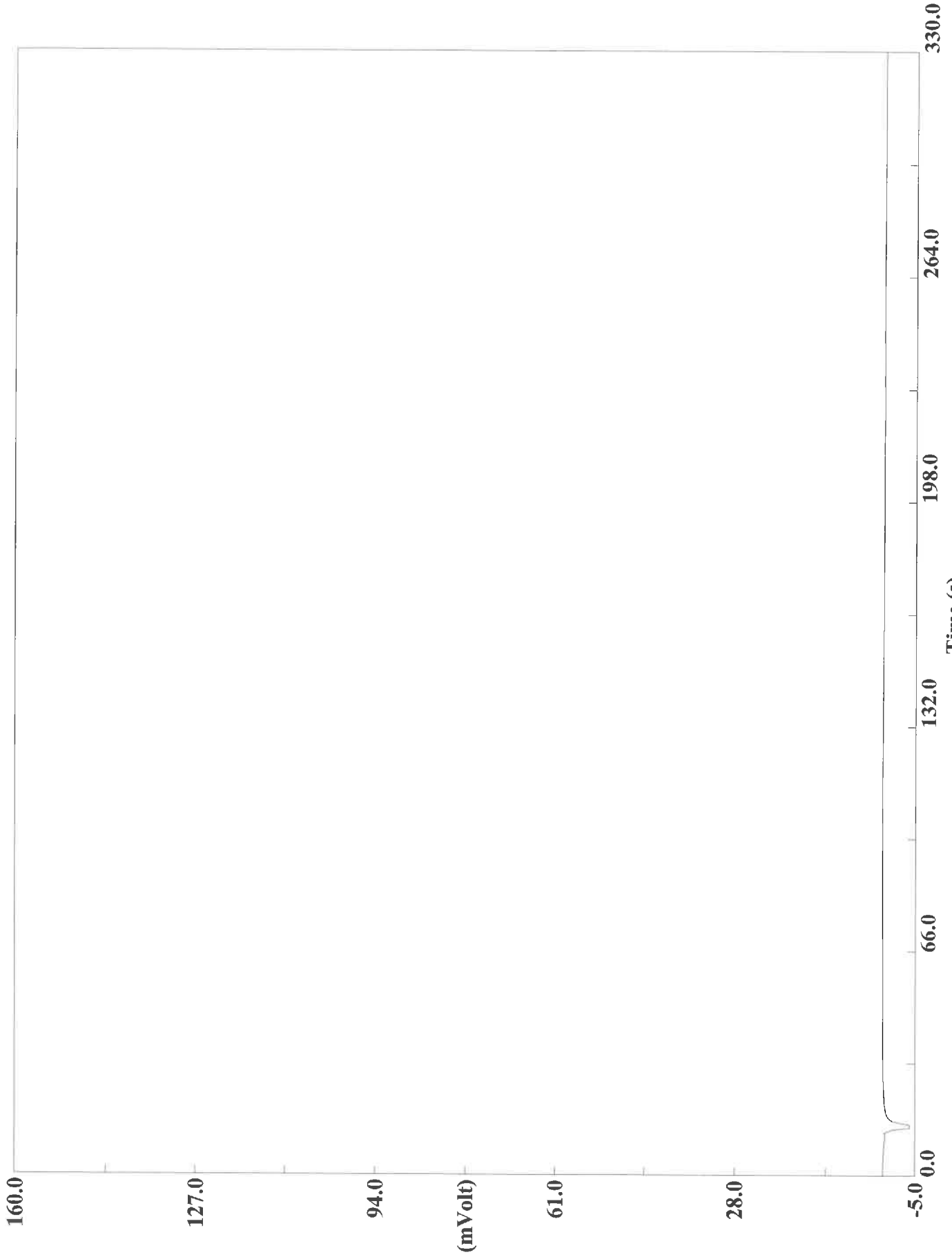
Page: 1 Sample: CCV (A092820080)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820080
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:24 Printed : 9/29/2020 06:46
Sample ID : CCV (# 91)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9844	233	5116269	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820081.DAT
Sample name :CCB Analysed :09/28/2020 21:29

Eager 300 Report

Page: 1 Sample: CCB (A092820081)

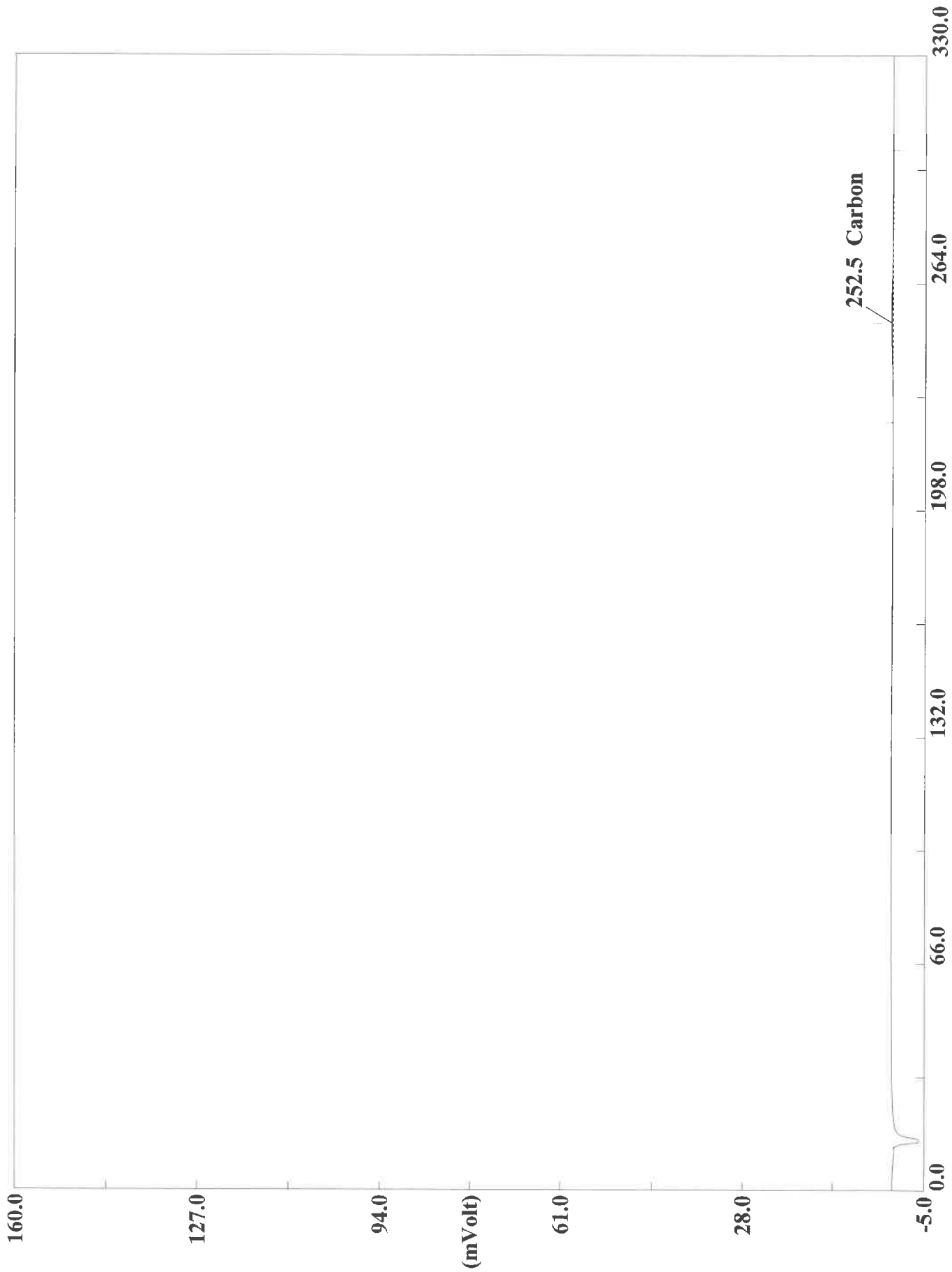
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820081
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:29 Printed : 9/29/2020 06:46
Sample ID : CCB (# 92)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820082.DAT
Sample name :MB Analysed :09/28/2020 21:35

Eager 300 Report

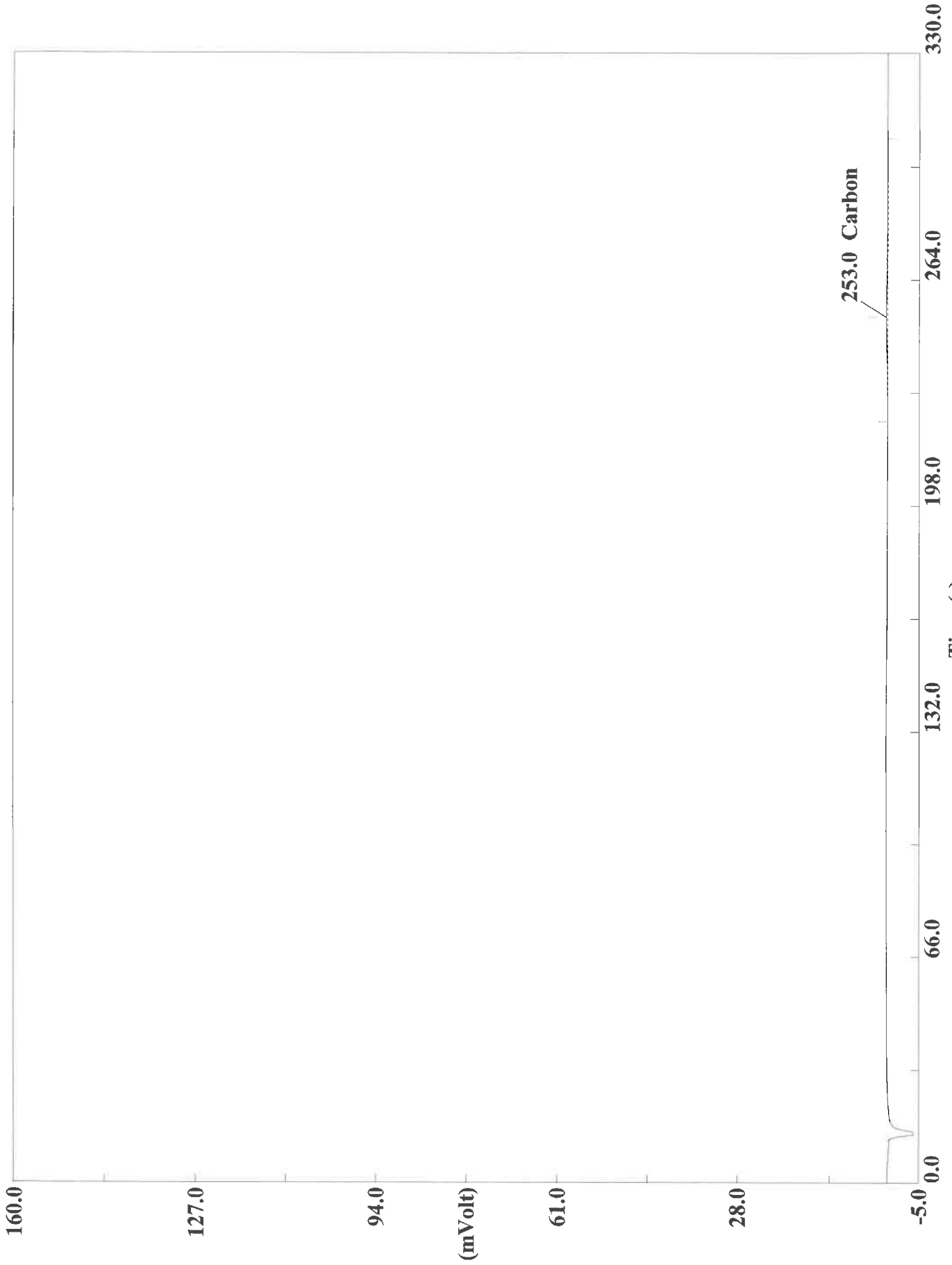
Page: 1 Sample: MB (A092820082)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820082
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:35 Printed : 9/29/2020 06:46
Sample ID : MB (# 93)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0838	253	64406	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820083.DAT
Sample name :MB Analysed :09/28/2020 21:40

Eager 300 Report

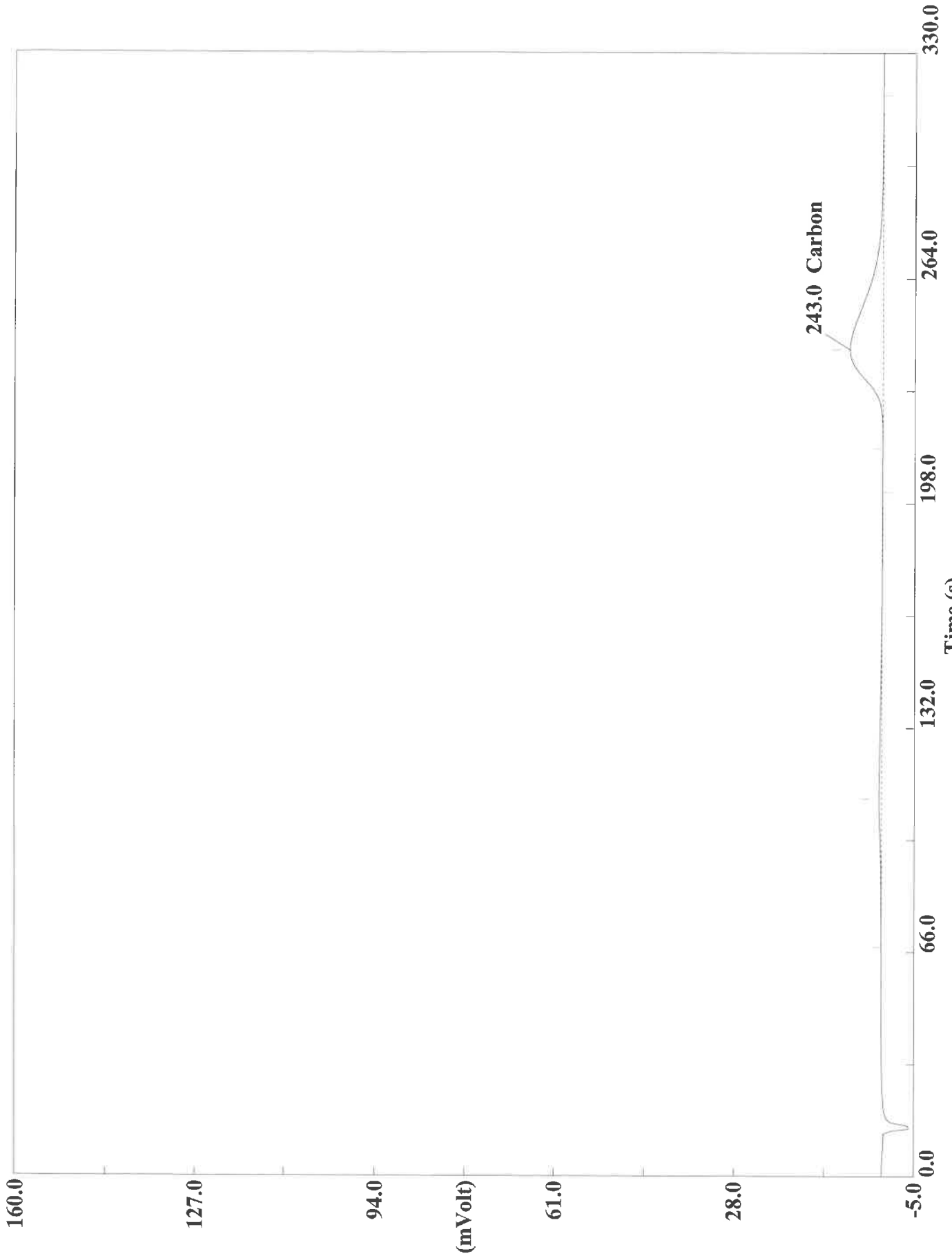
Page: 1 Sample: MB (A092820083)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820083
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:40 Printed : 9/29/2020 06:47
Sample ID : MB (# 94)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0805	253	65966	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820084.DAT

Sample name : LCS Analysed : 09/28/2020 21:46

Eager 300 Report

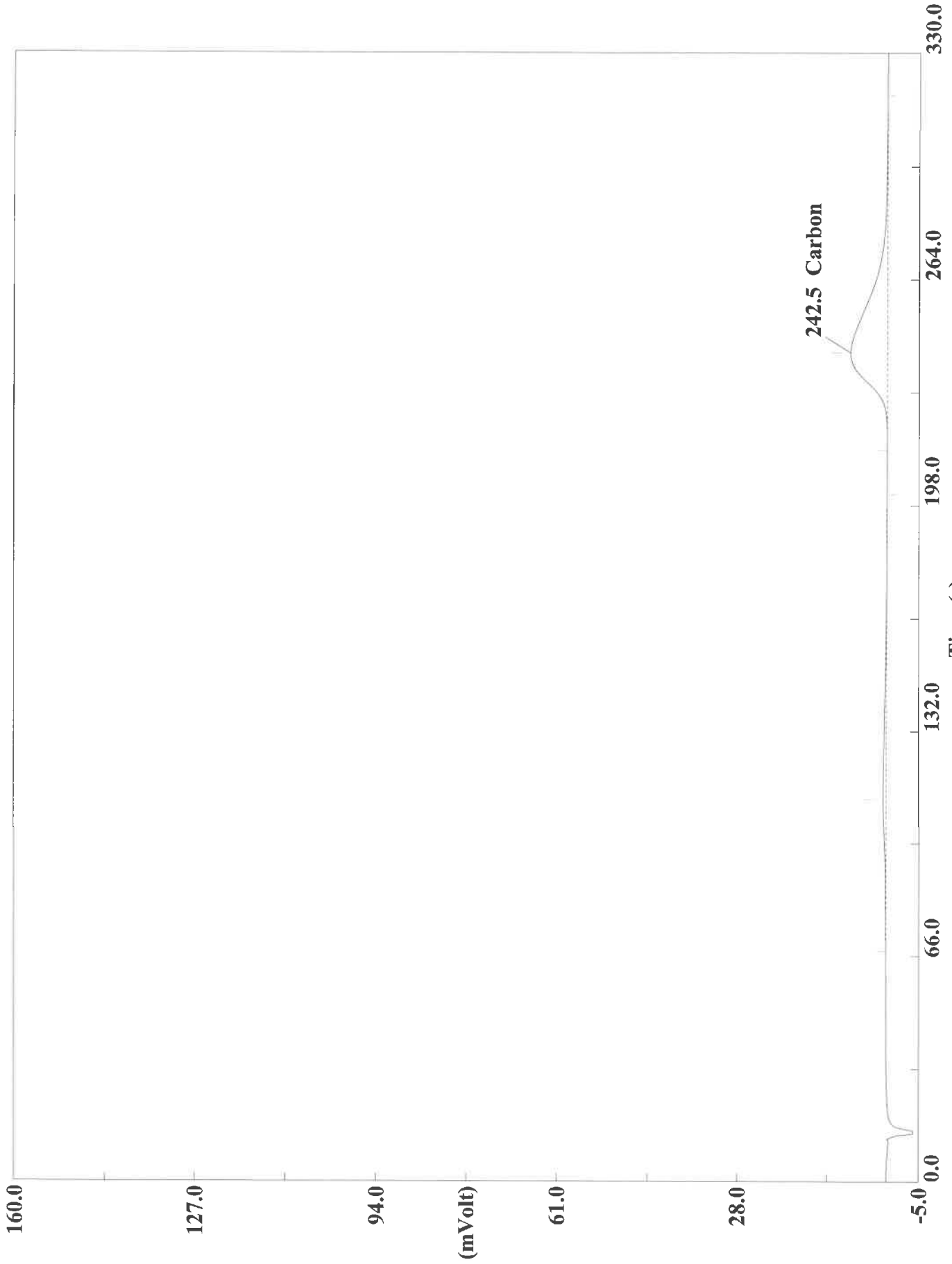
Page: 1 Sample: LCS (A092820084)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820084
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:46 Printed : 9/29/2020 06:47
Sample ID : LCS (# 95)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0642	243	1656257	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820085.DAT
Sample name : LCS Analysed : 09/28/2020 21:52

Eager 300 Report

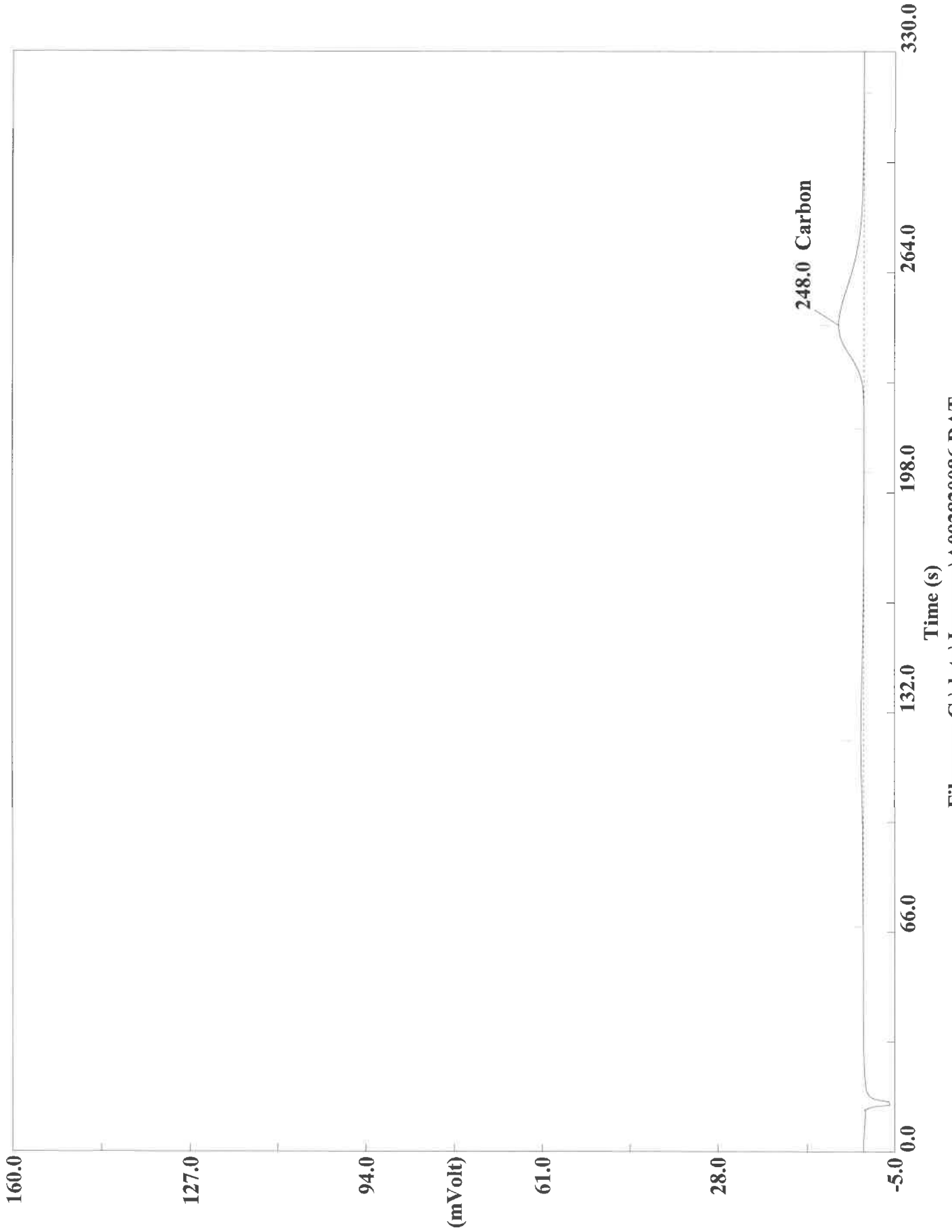
Page: 1 Sample: LCS (A092820085)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820085
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:52 Printed : 9/29/2020 06:47
Sample ID : LCS (# 96)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2619	243	1798692	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820086.DAT

Sample name :180-111121-A-7 Analysed :09/28/2020 21:57

Eager 300 Report

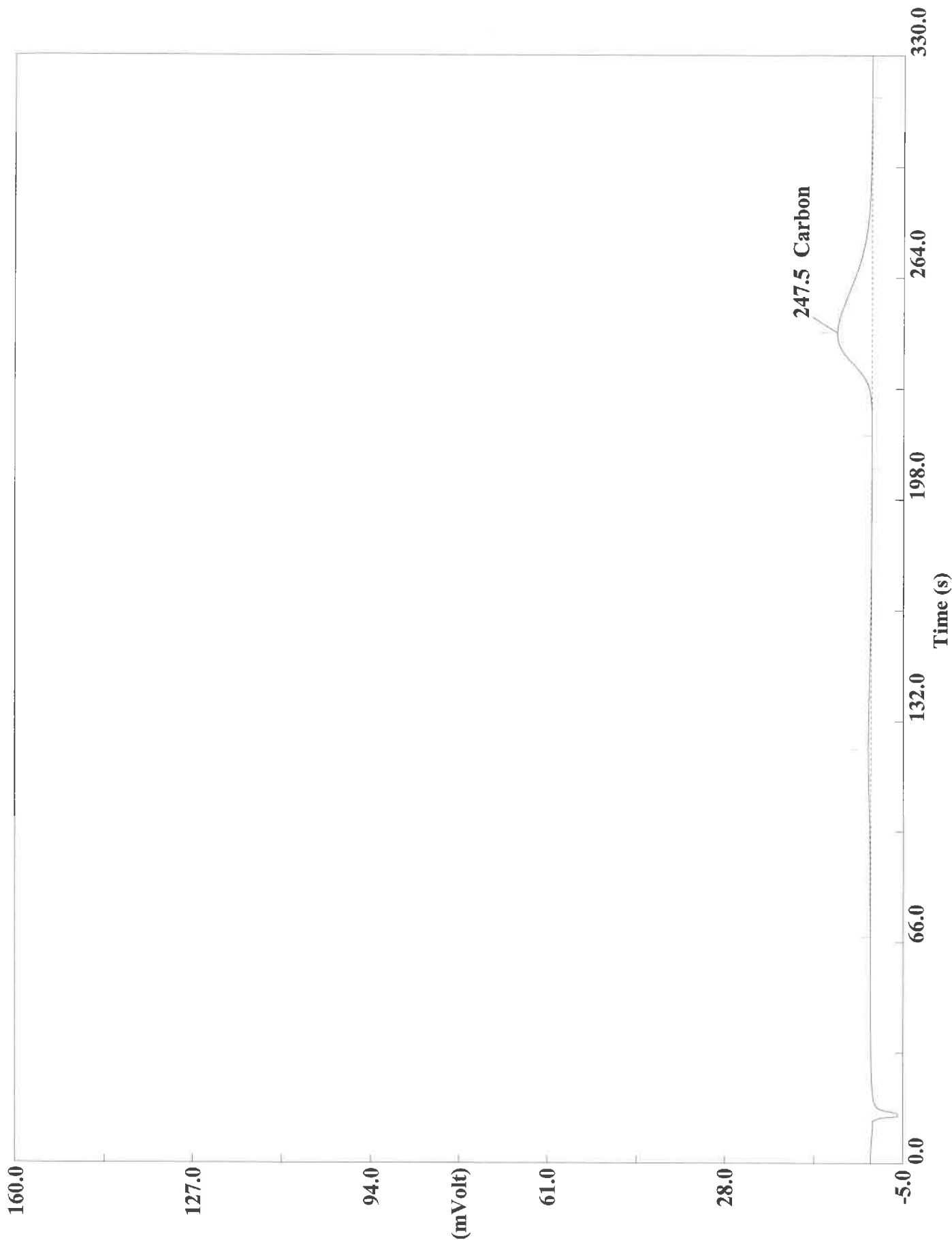
Page: 1 Sample: 180-111121-A-7 (A092820086)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820086
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 21:57 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7 (# 97)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3933	248	1329472	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820087.DAT

Sample name :180-111121-A-7 Analysed :09/28/2020 22:03

Eager 300 Report

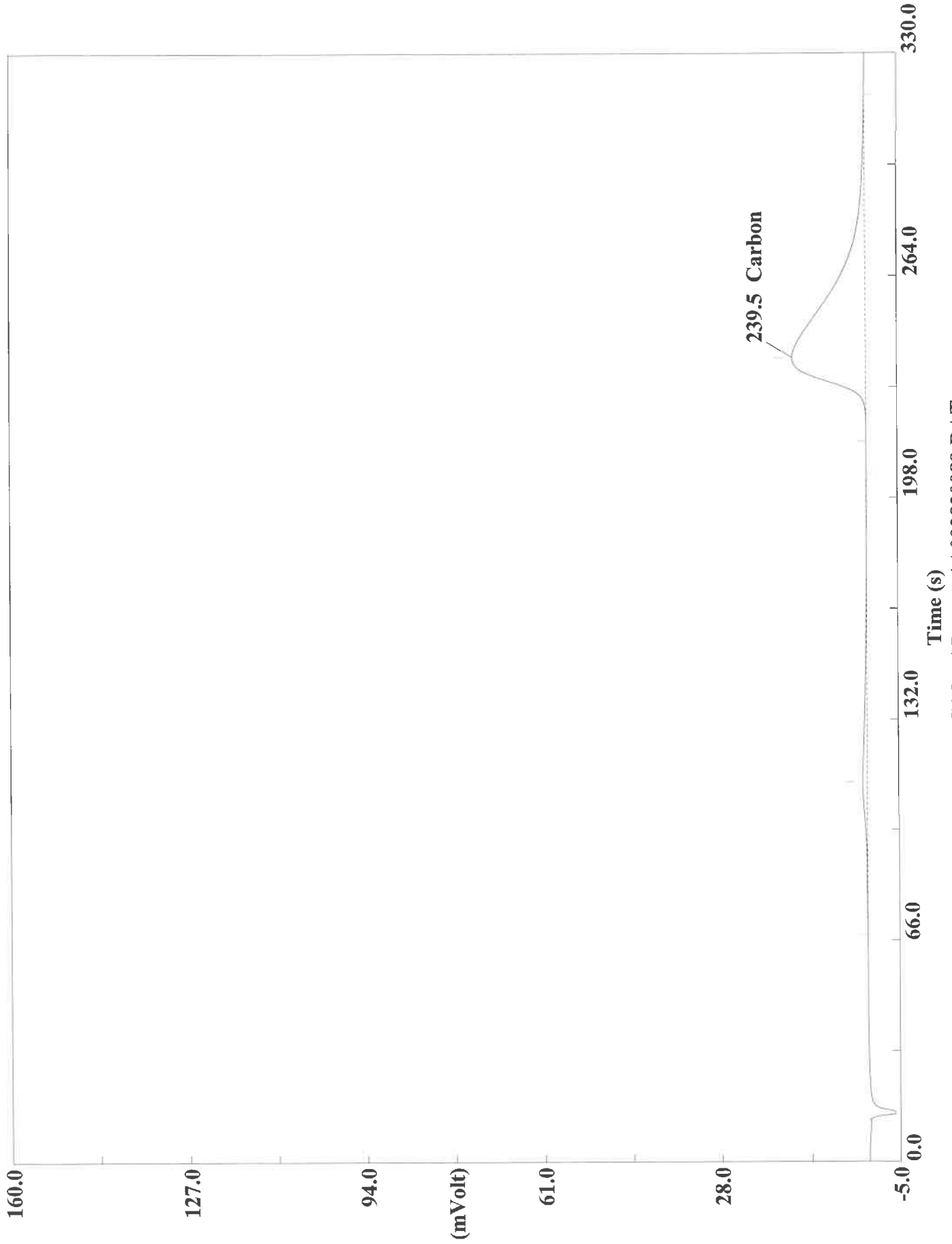
Page: 1 Sample: 180-111121-A-7 (A092820087)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820087
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:03 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7 (# 98)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5653	248	1798918	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820089.DAT
Sample name : 180-111121-A-7MS Analysed : 09/28/2020 22:14

Eager 300 Report

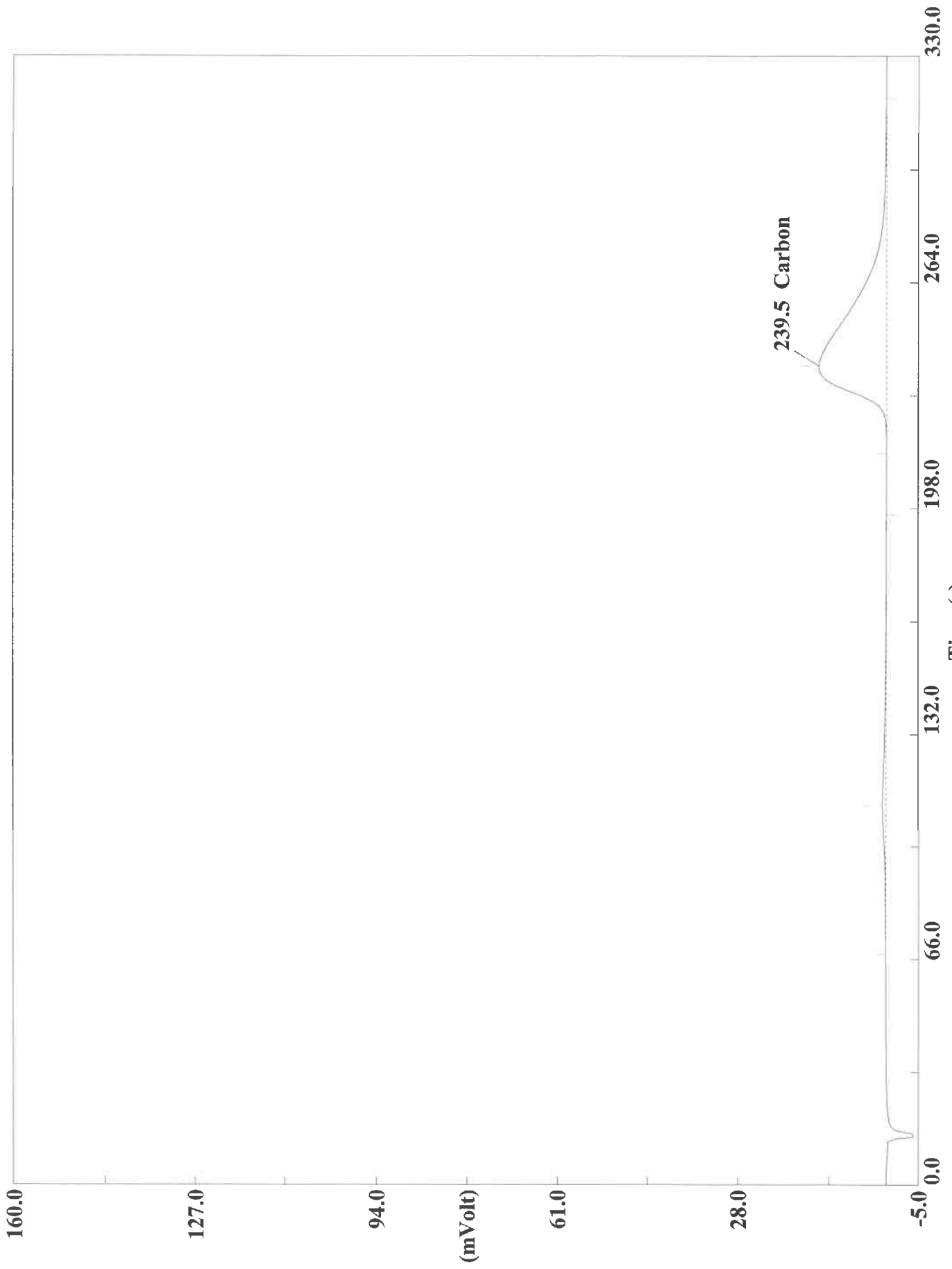
Page: 1 Sample: 180-111121-A-7MS (A092820089)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820089
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:14 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7MS (# 100)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4751	240	3925135	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820090.DAT
Sample name :180-111121-A-7MS Analysed :09/28/2020 22:20

Eager 300 Report

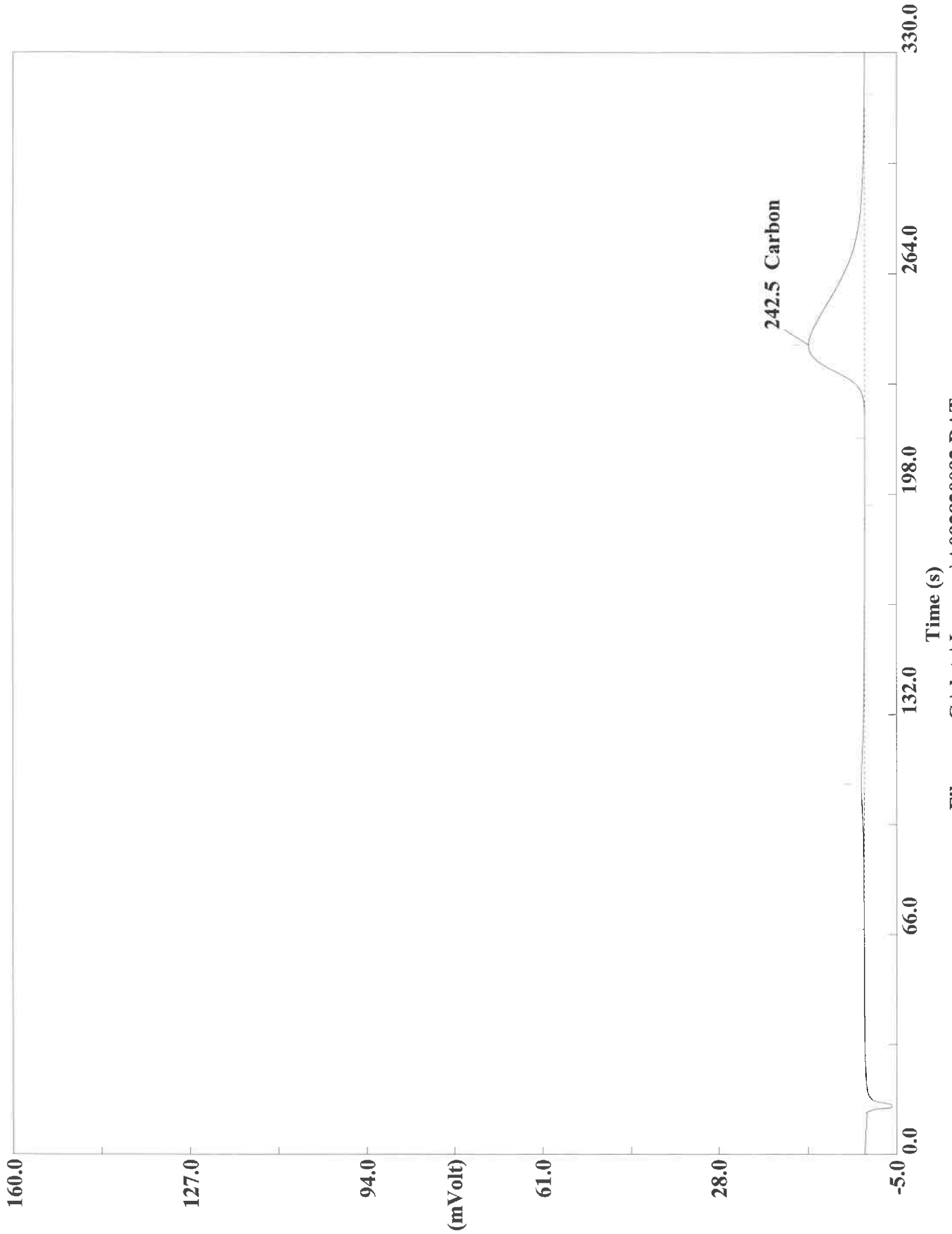
Page: 1 Sample: 180-111121-A-7MS (A092820090)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820090
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:20 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7MS (# 101)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1152	240	3375722	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820092.DAT
Sample name : 180-11121-A-7MSD Analysed : 09/28/2020 22:31

Eager 300 Report

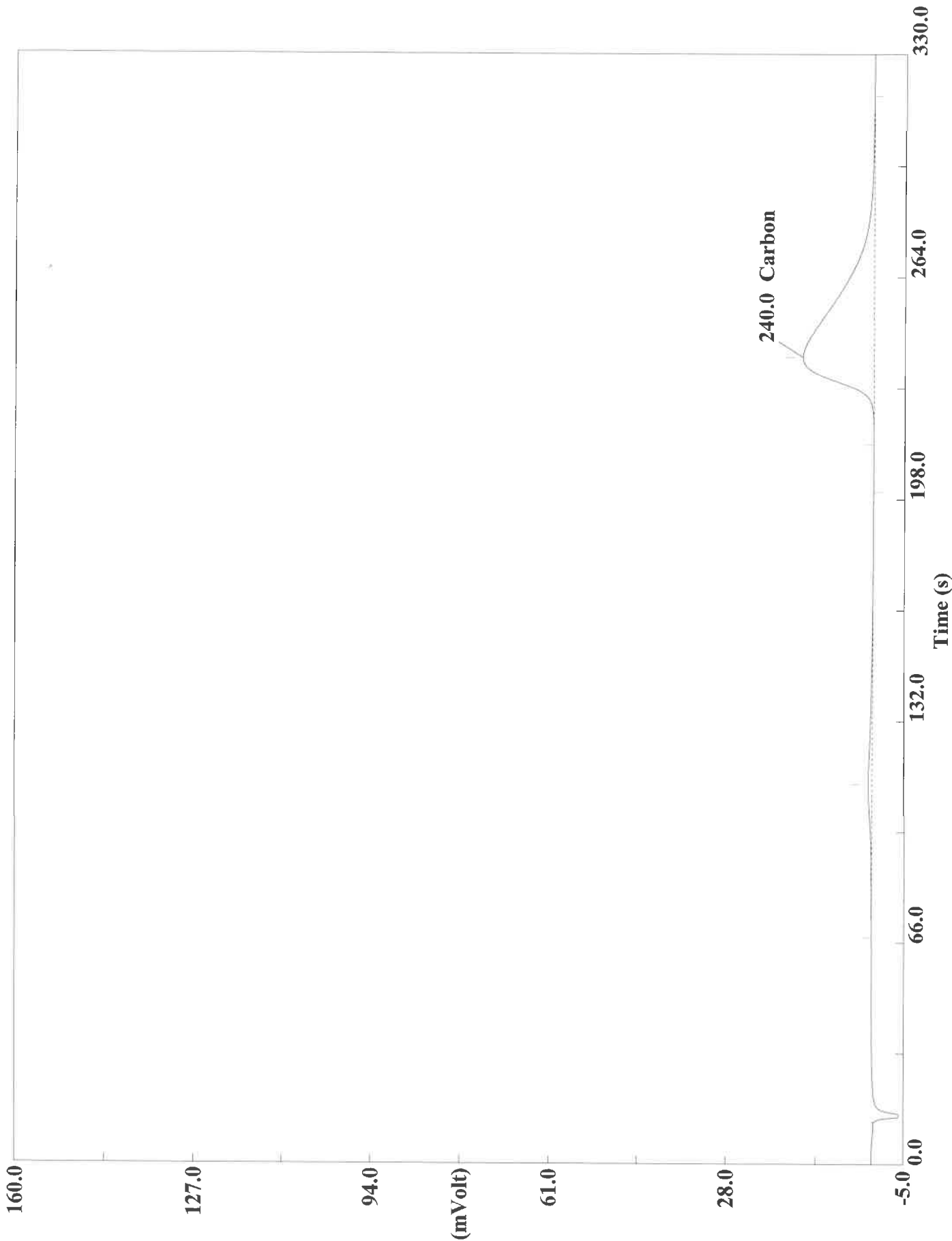
Page: 1 Sample: 180-111121-A-7MSD (A092820092)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820092
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:31 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7MSD (# 103)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.3274	243	2895033	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Time (s)

Filename C:\data\January\A092820093.DAT

Sample name : 180-111121-A-7MSD Analysed : 09/28/2020 22:36

Eager 300 Report

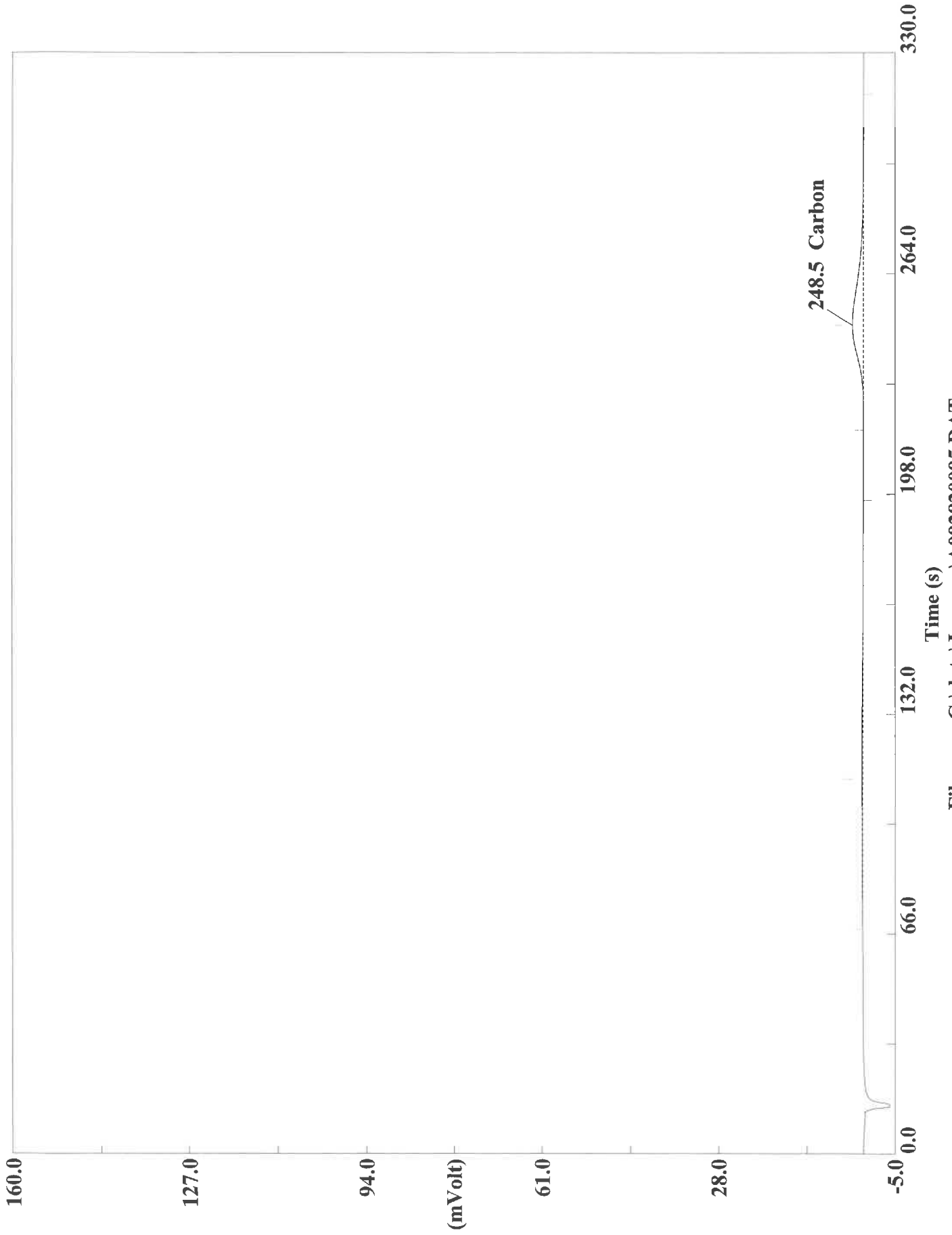
Page: 1 Sample: 180-111121-A-7MSD (A092820093)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820093
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:36 Printed : 9/29/2020 06:47
Sample ID : 180-111121-A-7MSD (# 104)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2075	240	3677395	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820095.DAT
Sample name :180-111122-A-1 Analysed :09/28/2020 22:47

Eager 300 Report

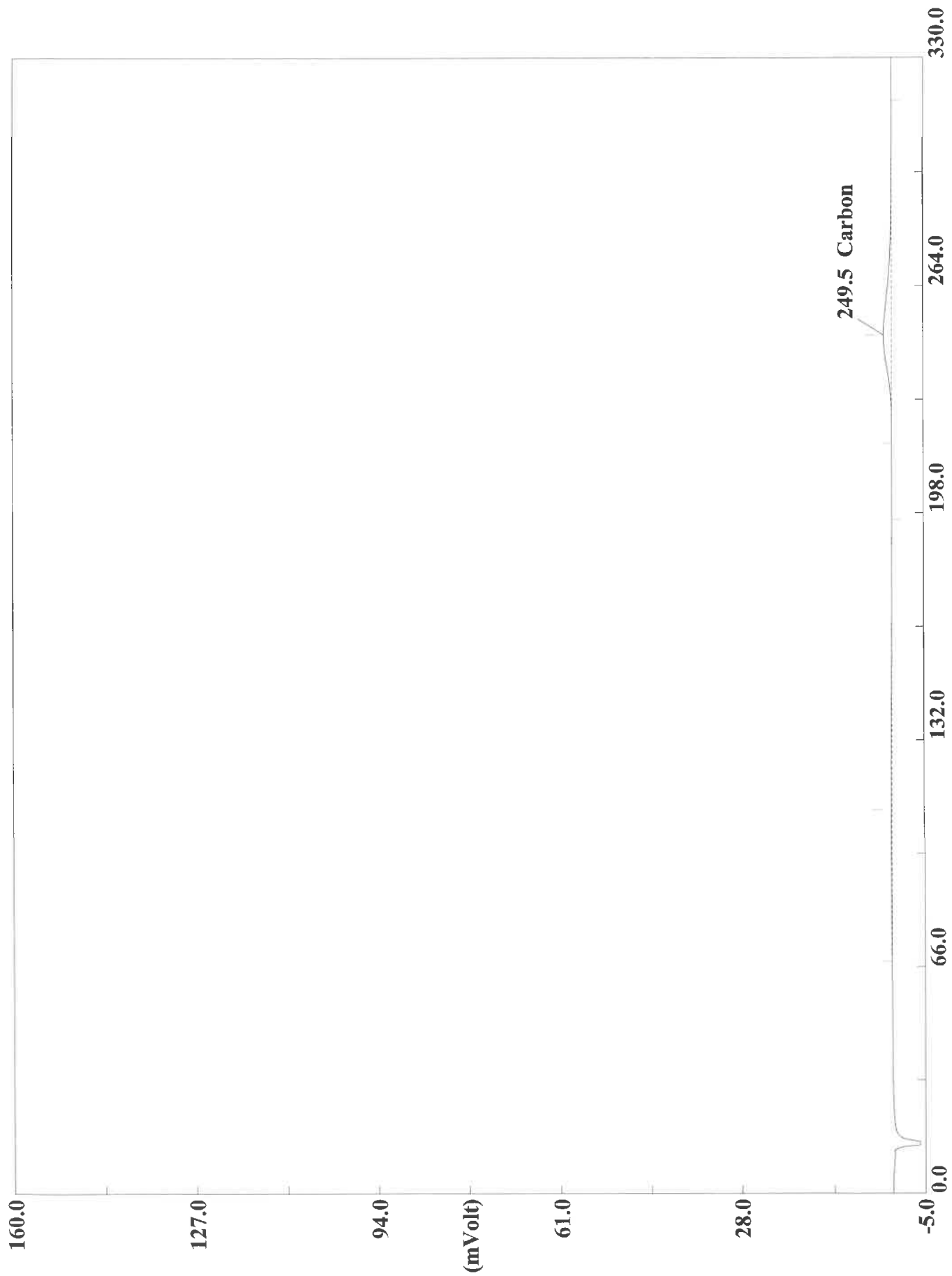
Page: 1 Sample: 180-111122-A-1 (A092820095)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820095
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:47 Printed : 9/29/2020 06:47
Sample ID : 180-111122-A-1 (# 106)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4502	249	547554	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820096.DAT
Sample name :180-111122-A-1 Analysed :09/28/2020 22:53

Eager 300 Report

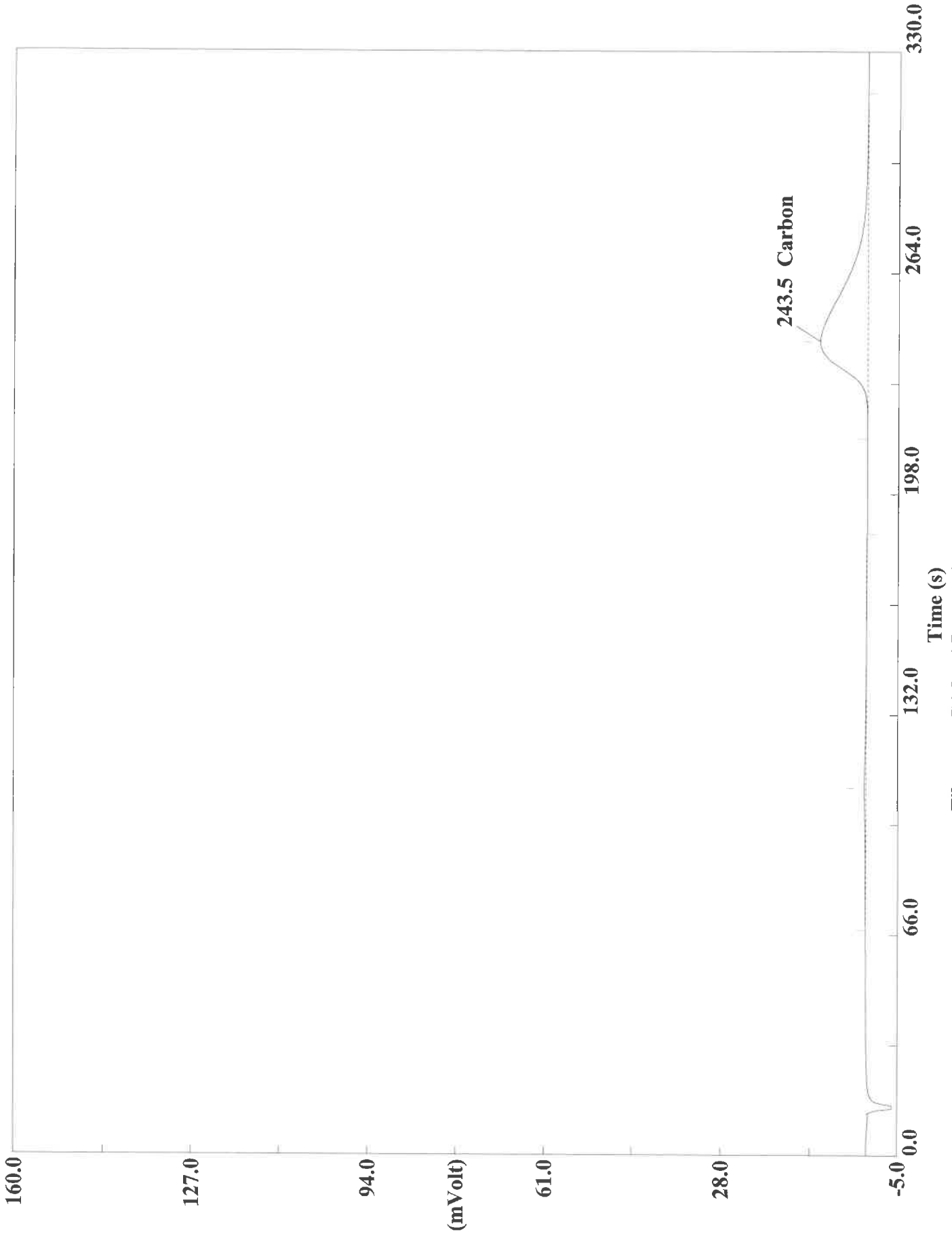
Page: 1 Sample: 180-111122-A-1 (A092820096)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820096
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 22:53 Printed : 9/29/2020 06:47
Sample ID : 180-111122-A-1 (# 107)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4280	250	387613	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820098.DAT

Sample name :180-111287-A-1 Analysed :09/28/2020 23:04

Eager 300 Report

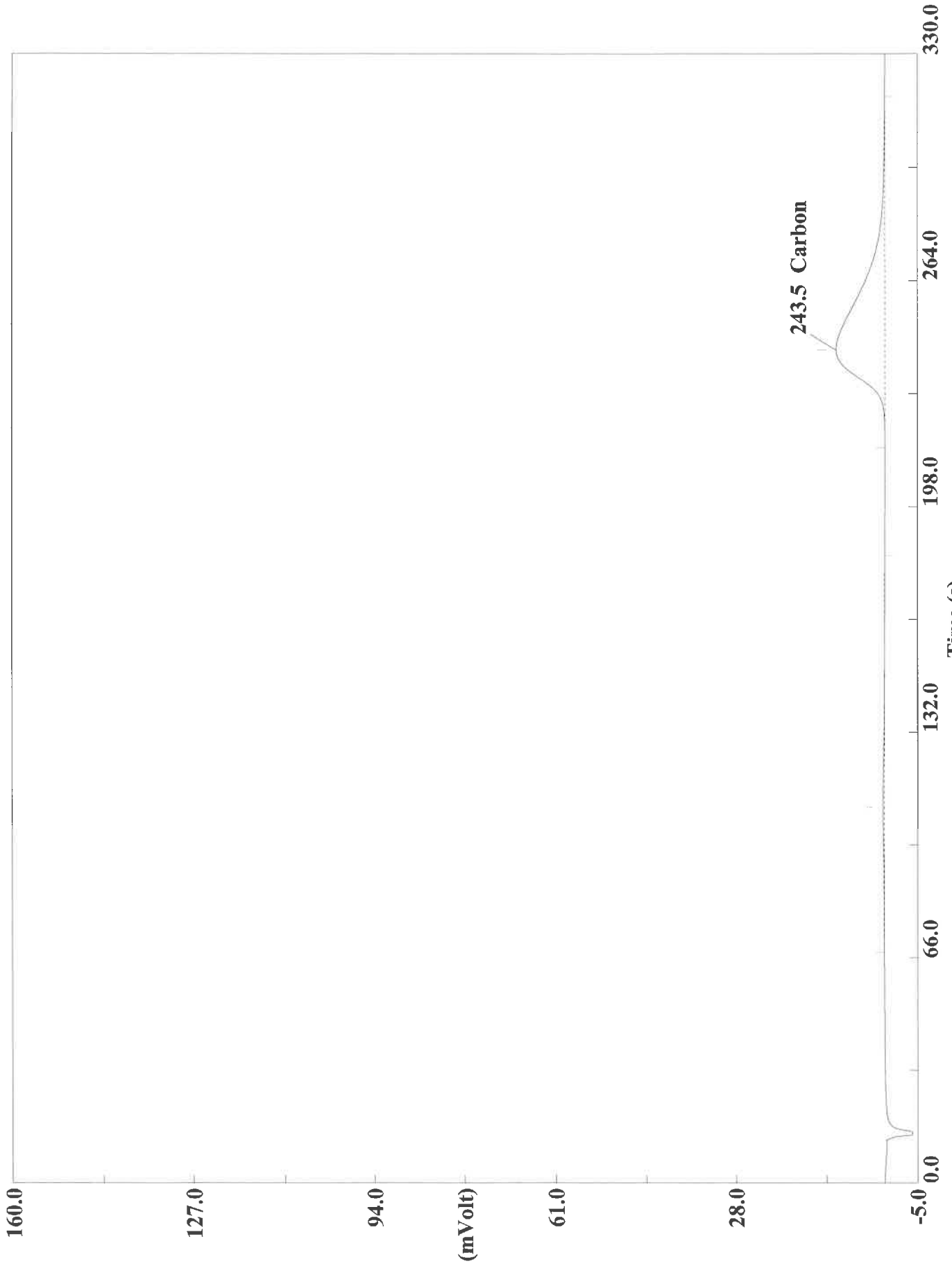
Page: 1 Sample: 180-111287-A-1 (A092820098)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820098
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:04 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-1 (# 109)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0876	244	2439718	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820099.DAT

Sample name :180-111287-A-1 Analysed :09/28/2020 23:10

Eager 300 Report

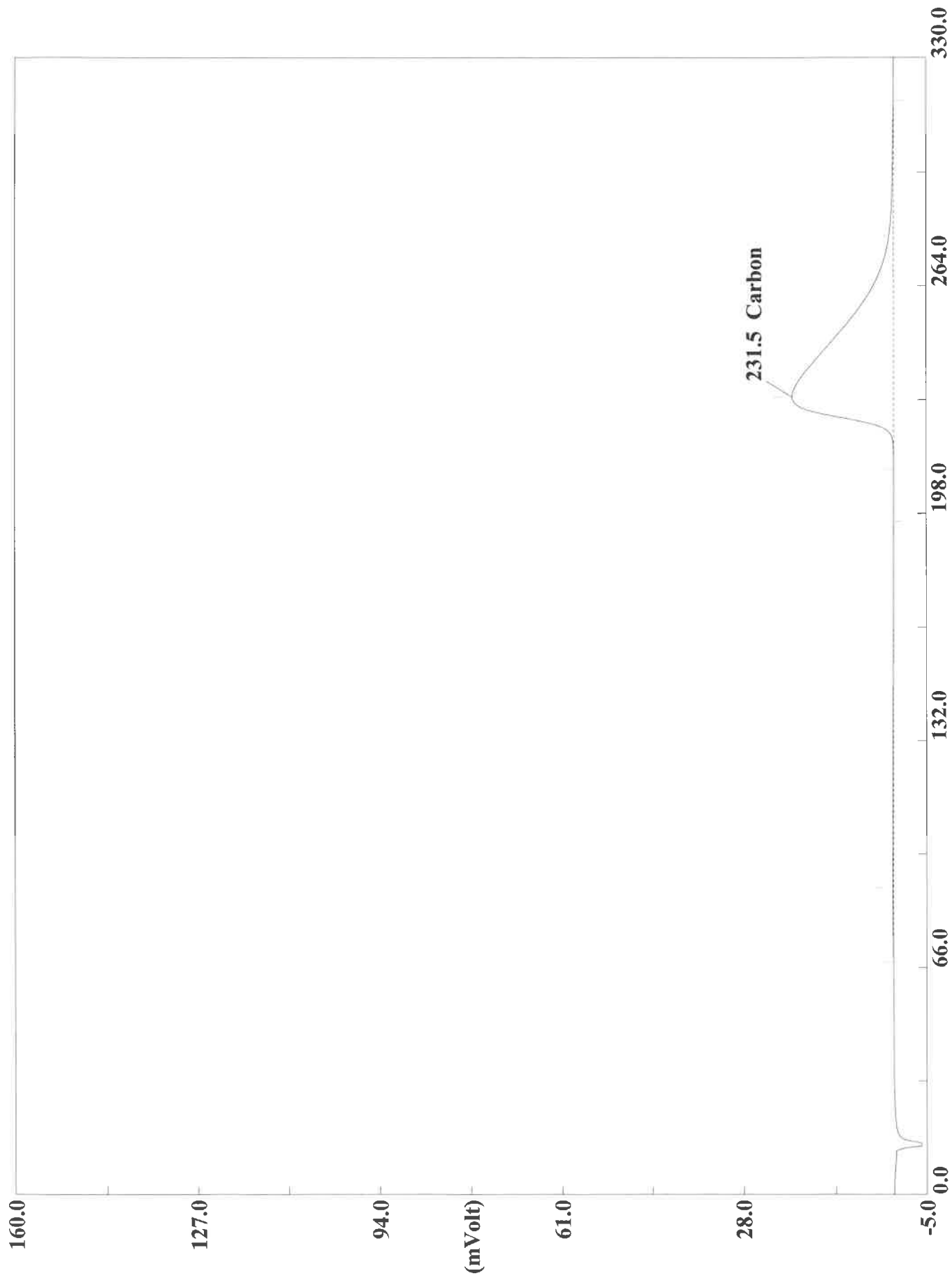
Page: 1 Sample: 180-111287-A-1 (A092820099)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820099
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:10 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-1 (# 110)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2075	244	2454379	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820101.DAT
Sample name :CCV Analysed :09/28/2020 23:21

Eager 300 Report

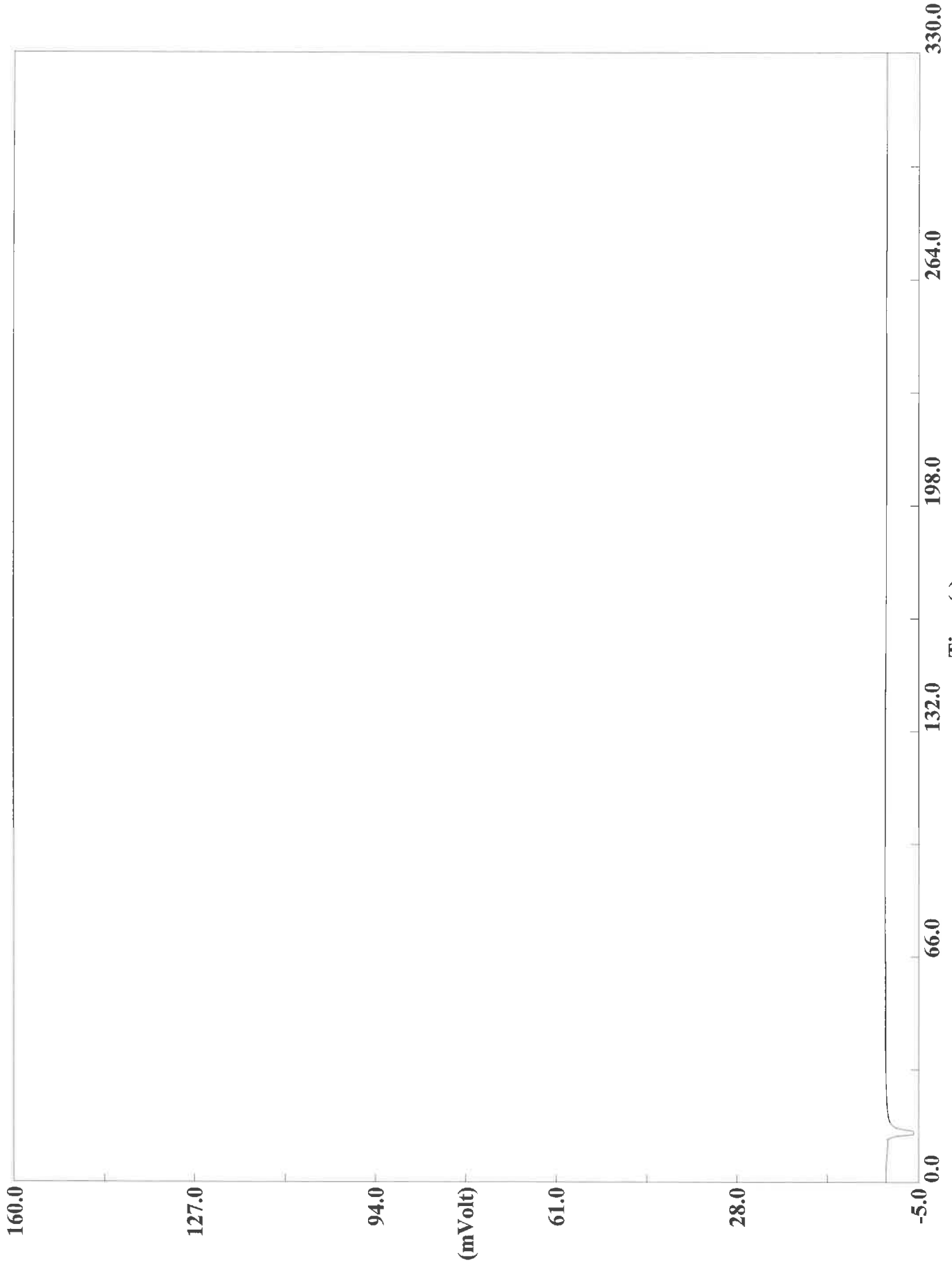
Page: 1 Sample: CCV (A092820101)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820101
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:21 Printed : 9/29/2020 06:48
Sample ID : CCV (# 112)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9841	232	5114525	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820102.DAT
Sample name :CCB Analysed :09/28/2020 23:27

Eager 300 Report

Page: 1 Sample: CCB (A092820102)

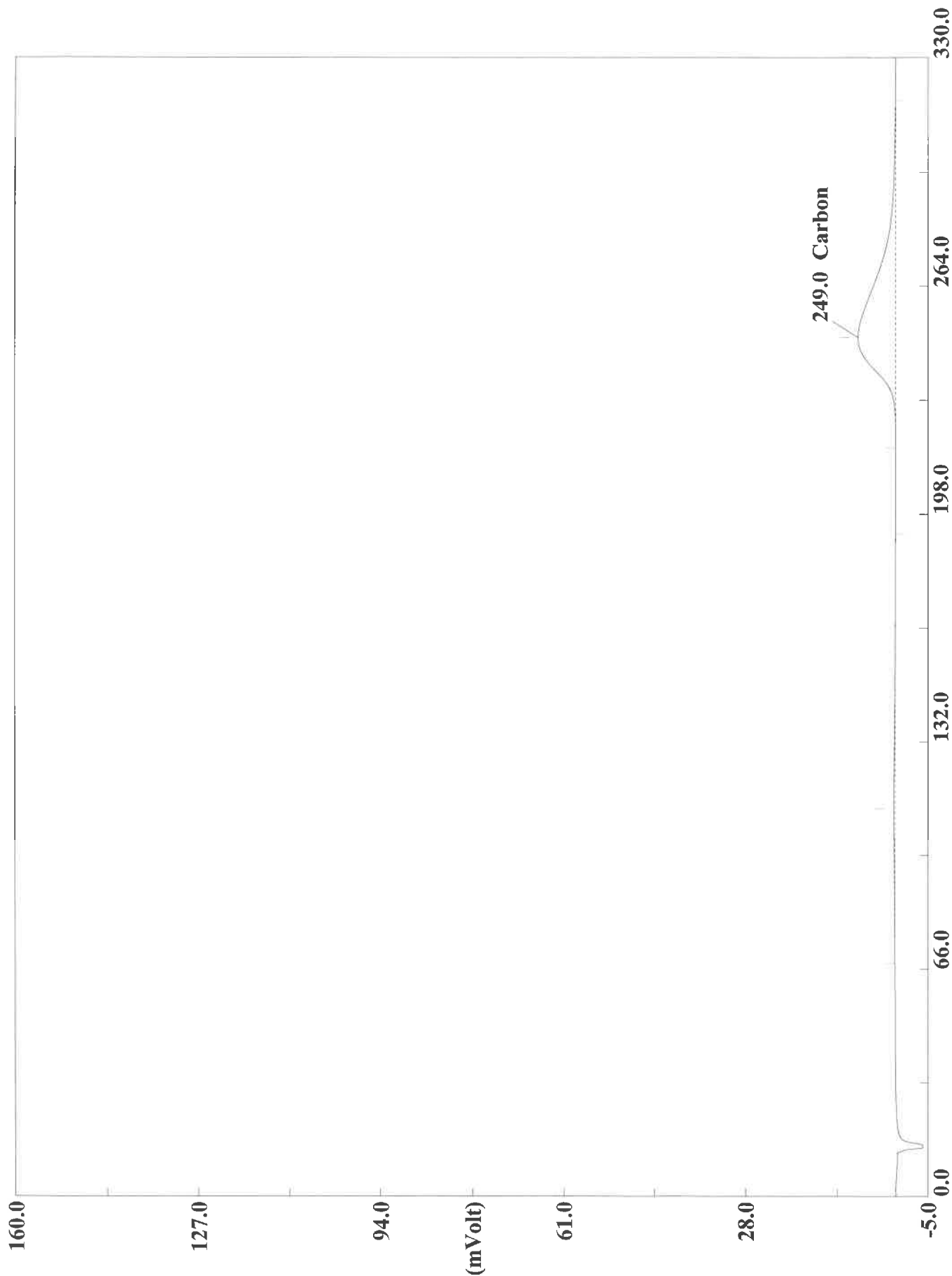
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820102
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:27 Printed : 9/29/2020 06:48
Sample ID : CCB (# 113)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Time (s)

Filename C:\data\January\A092820103.DAT

Sample name :180-111287-A-2 Analysed :09/28/2020 23:32

Eager 300 Report

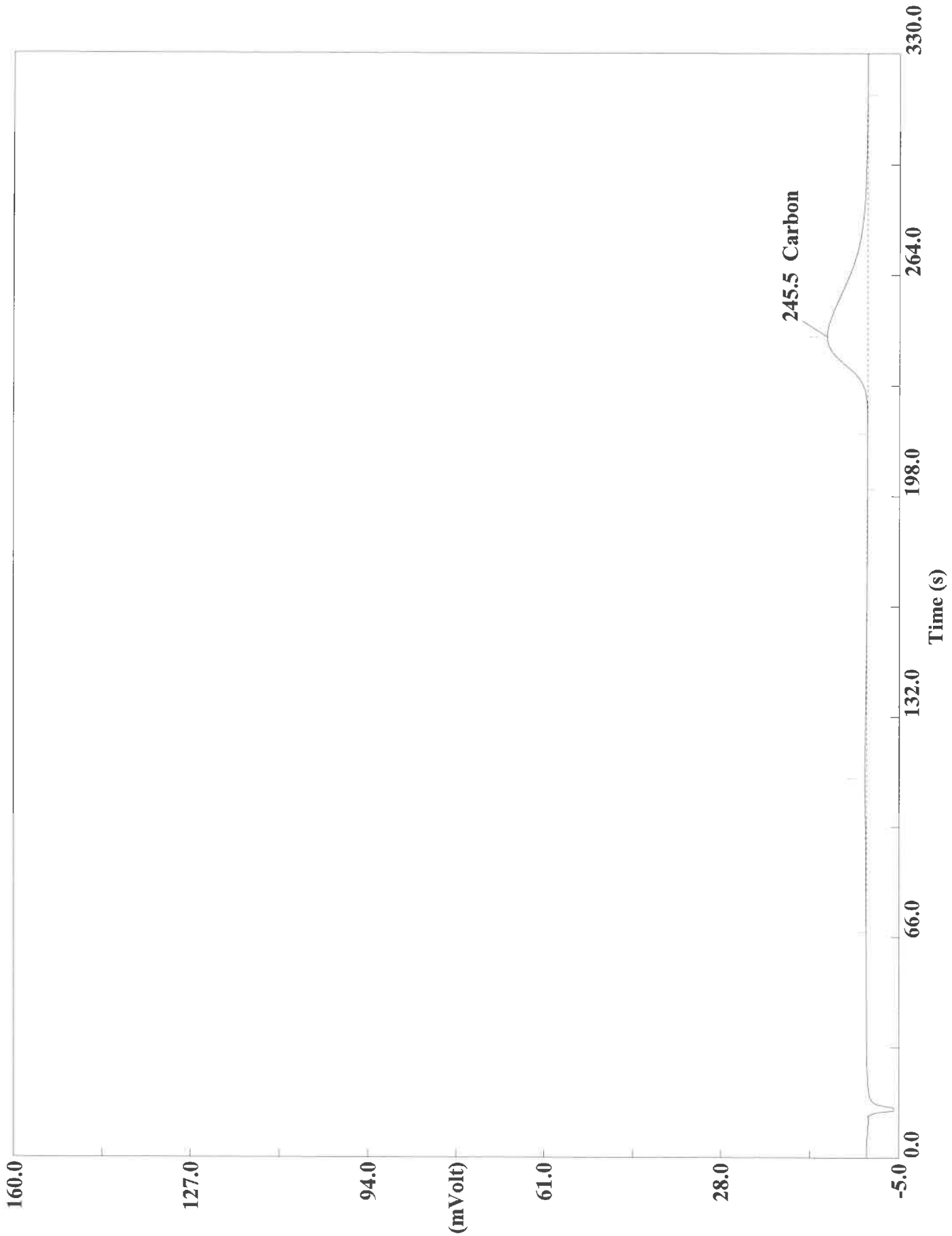
Page: 1 Sample: 180-111287-A-2 (A092820103)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820103
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:32 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-2 (# 114)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9649	249	2028263	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820104.DAT
Sample name :180-111287-A-2 Analysed :09/28/2020 23:38

Eager 300 Report

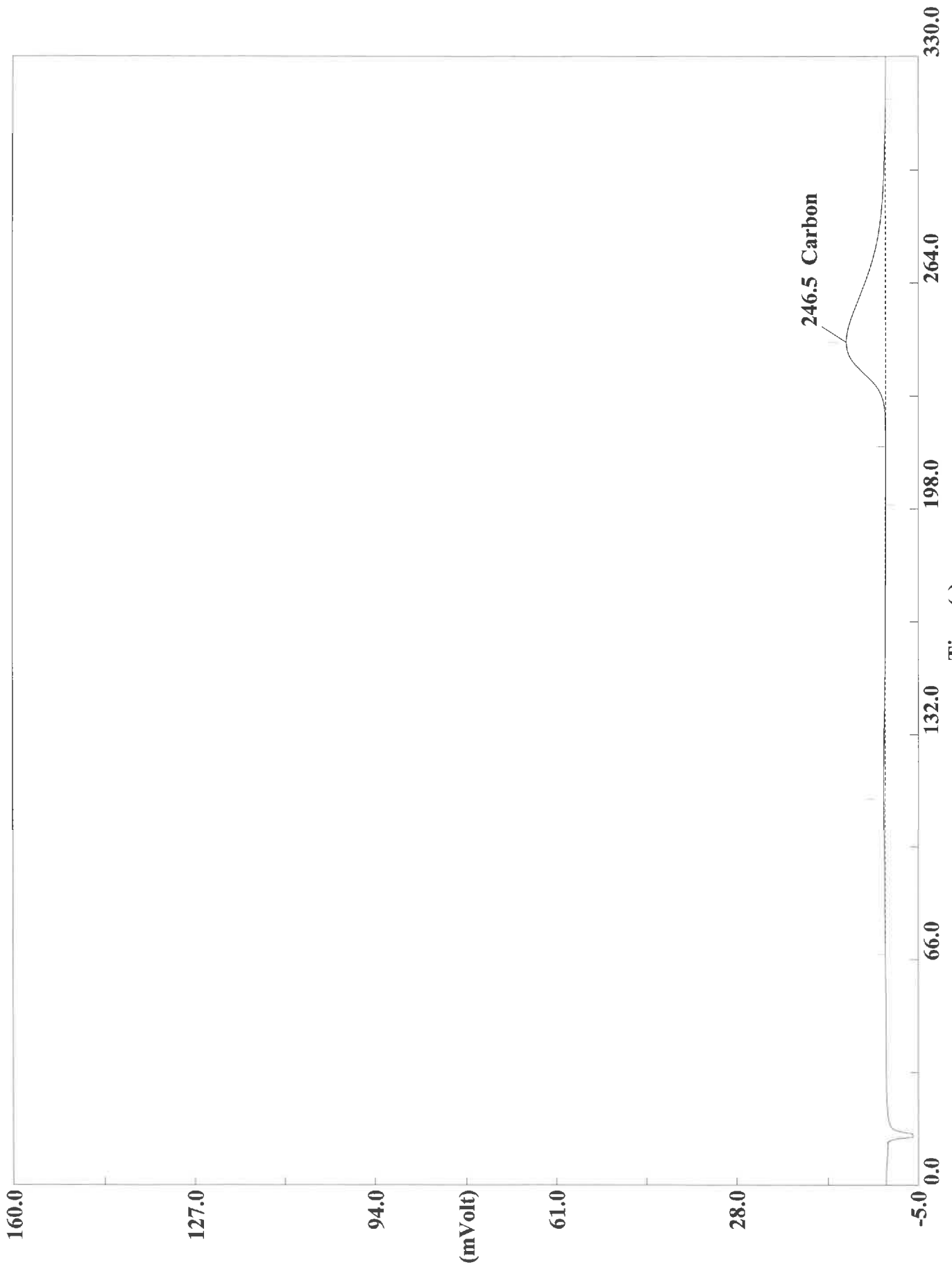
Page: 1 Sample: 180-111287-A-2 (A092820104)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820104
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:38 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-2 (# 115)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1188	246	2111501	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820106.DAT
Sample name :180-111287-A-3 Analysed :09/28/2020 23:49

Eager 300 Report

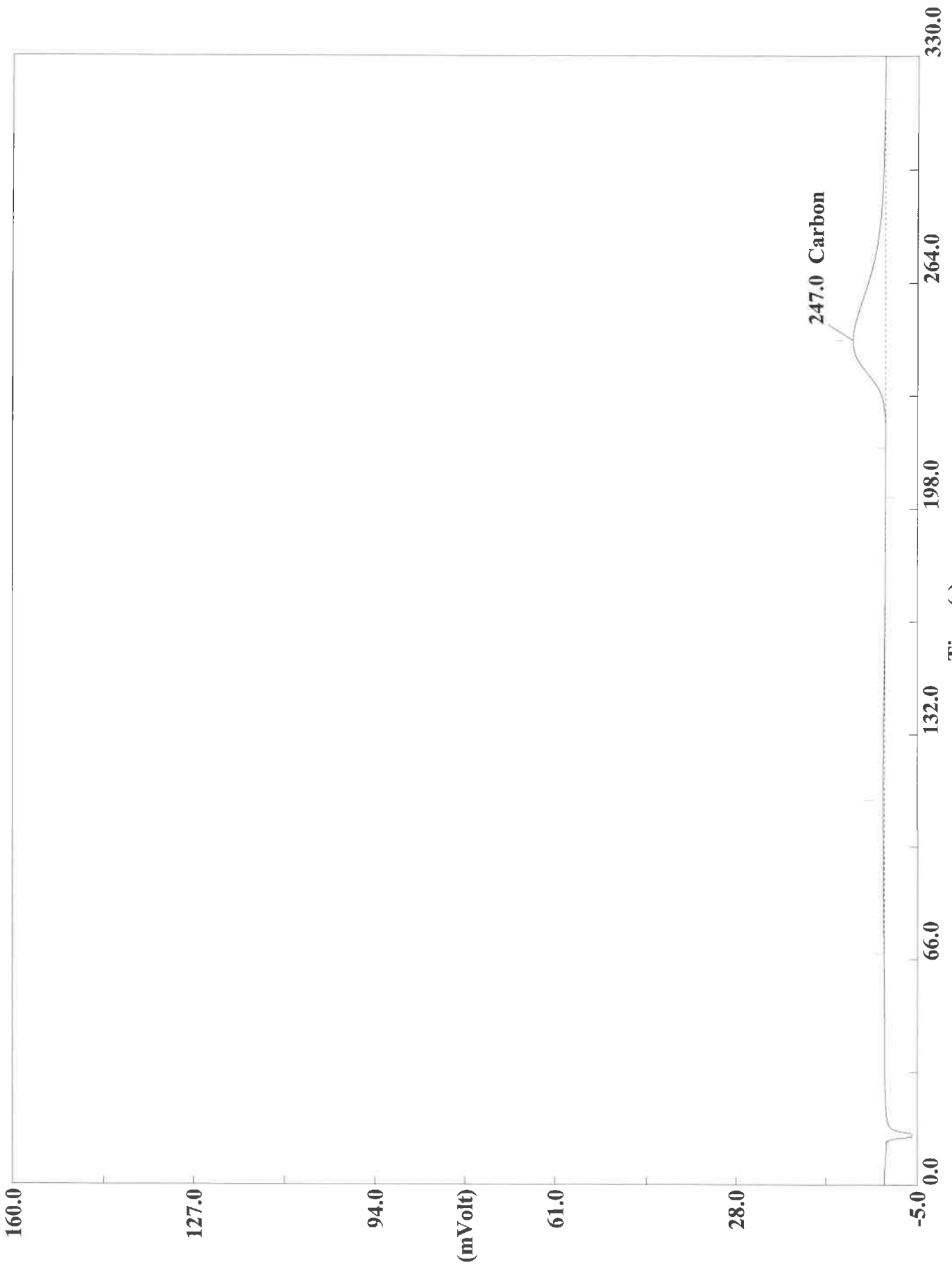
Page: 1 Sample: 180-111287-A-3 (A092820106)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820106
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:49 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-3 (# 117)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9887	247	2177632	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820107.DAT
Sample name :180-111287-A-3 Analysed :09/28/2020 23:54

Eager 300 Report

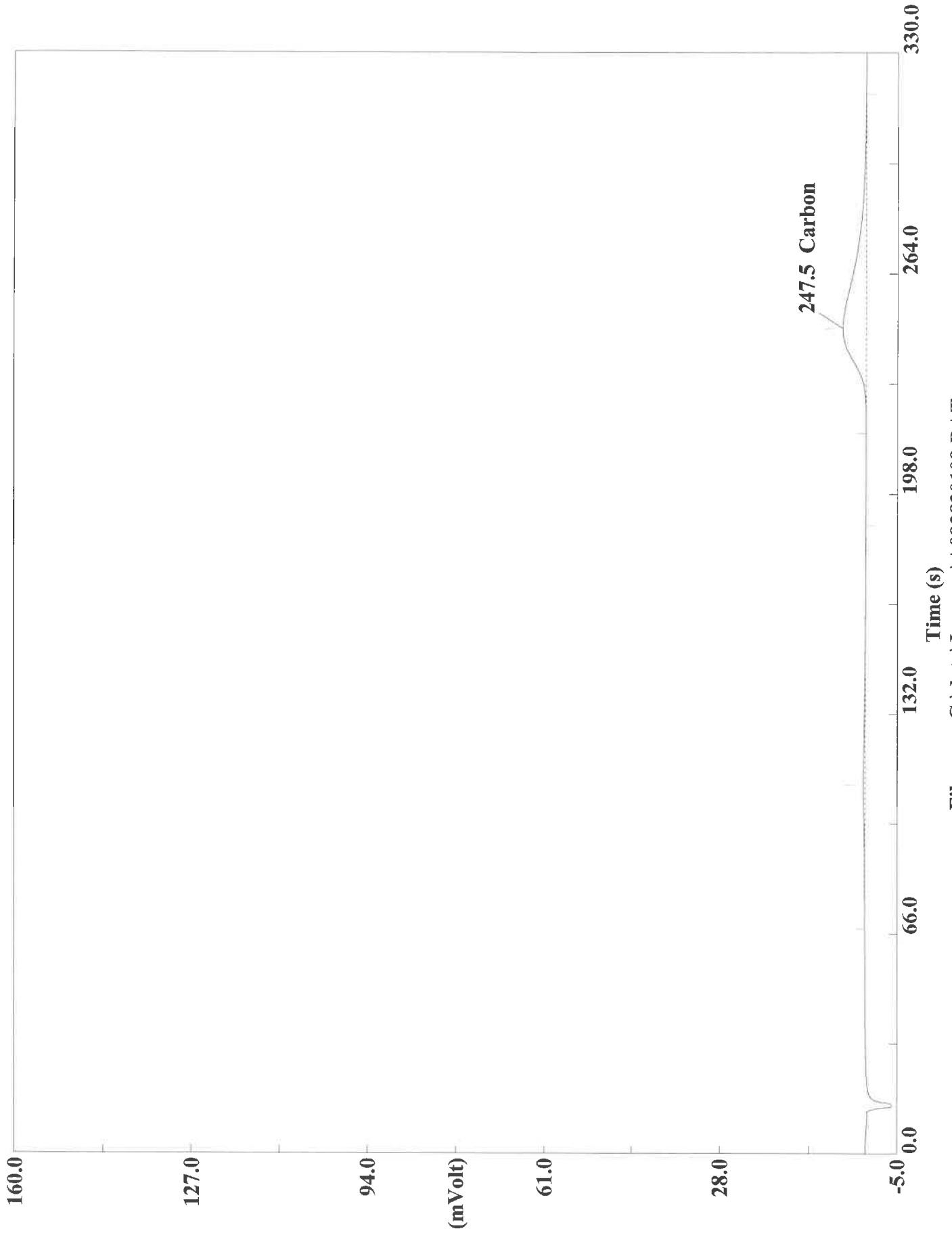
Page: 1 Sample: 180-111287-A-3 (A092820107)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820107
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/28/2020 23:54 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-3 (# 118)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7653	247	1792132	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820109.DAT

Sample name : 180-111287-A-4 Analyzed : 09/29/2020 00:06

Eager 300 Report

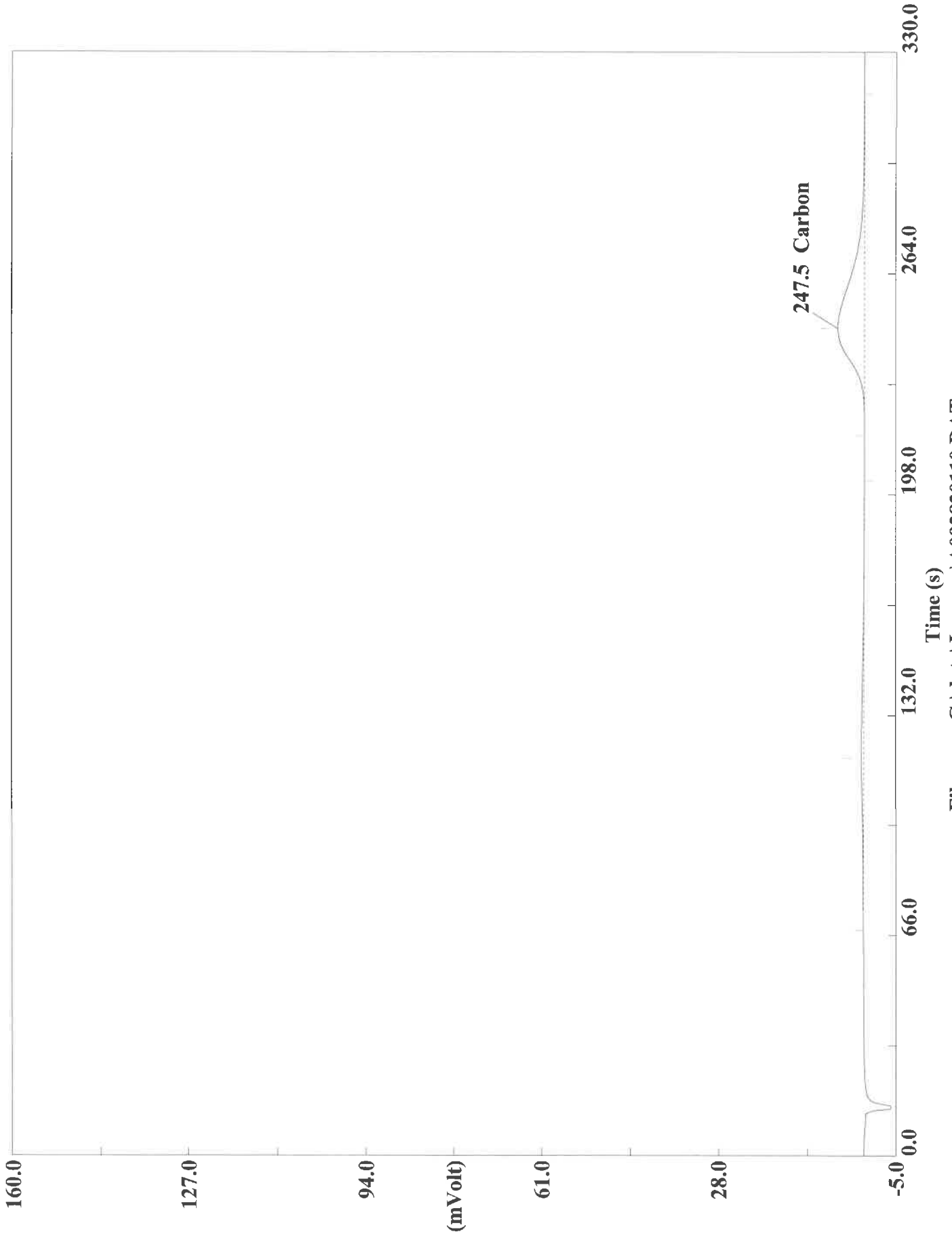
Page: 1 Sample: 180-111287-A-4 (A092820109)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820109
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:06 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-4 (# 120)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1881	248	1390728	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820110.DAT
Sample name :180-111287-A-4 Analyzed :09/29/2020 00:11

Eager 300 Report

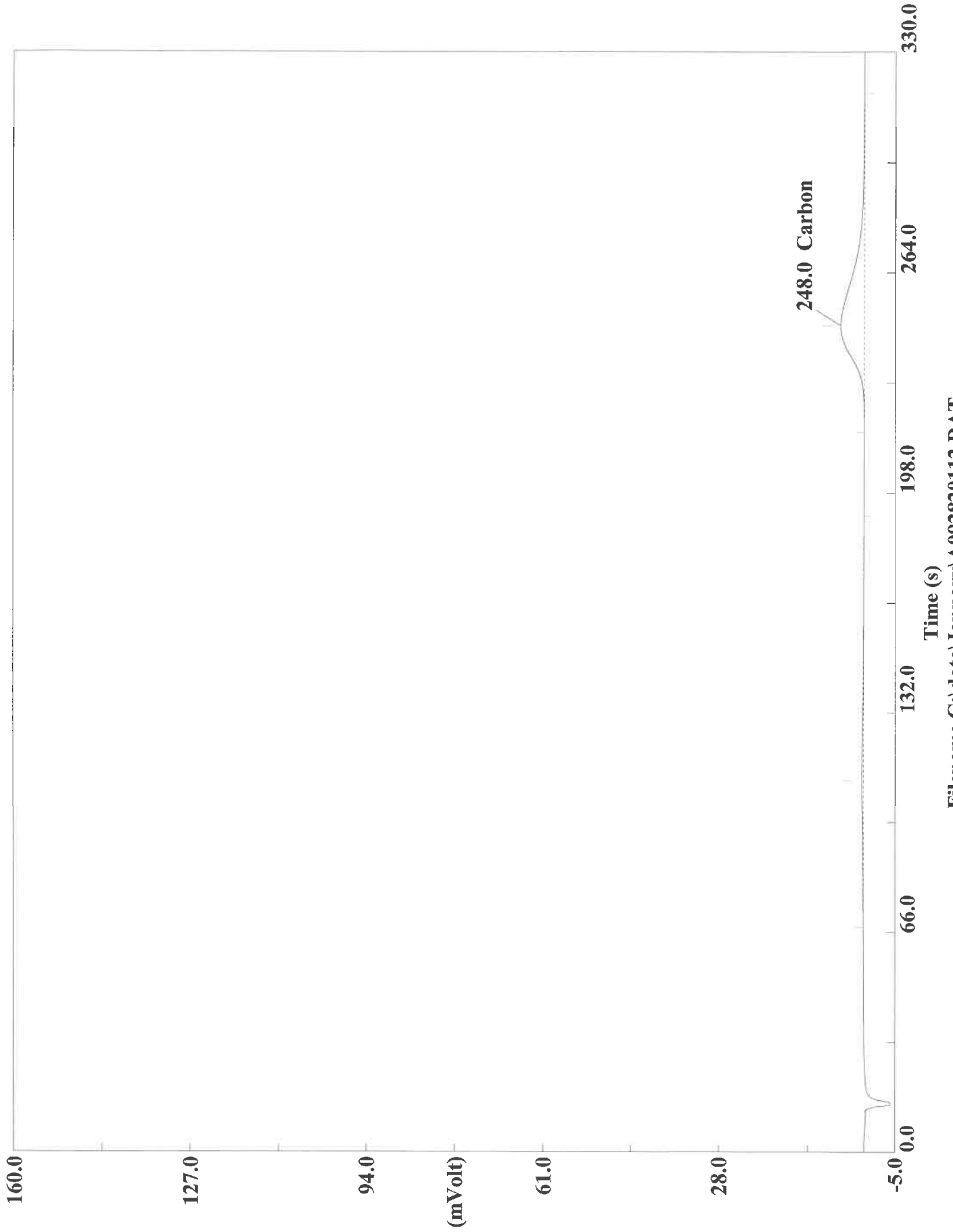
Page: 1 Sample: 180-111287-A-4 (A092820110)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820110
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:11 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-4 (# 121)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2561	248	1399545	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820112.DAT

Sample name :180-111287-A-5 Analysed :09/29/2020 00:22

Eager 300 Report

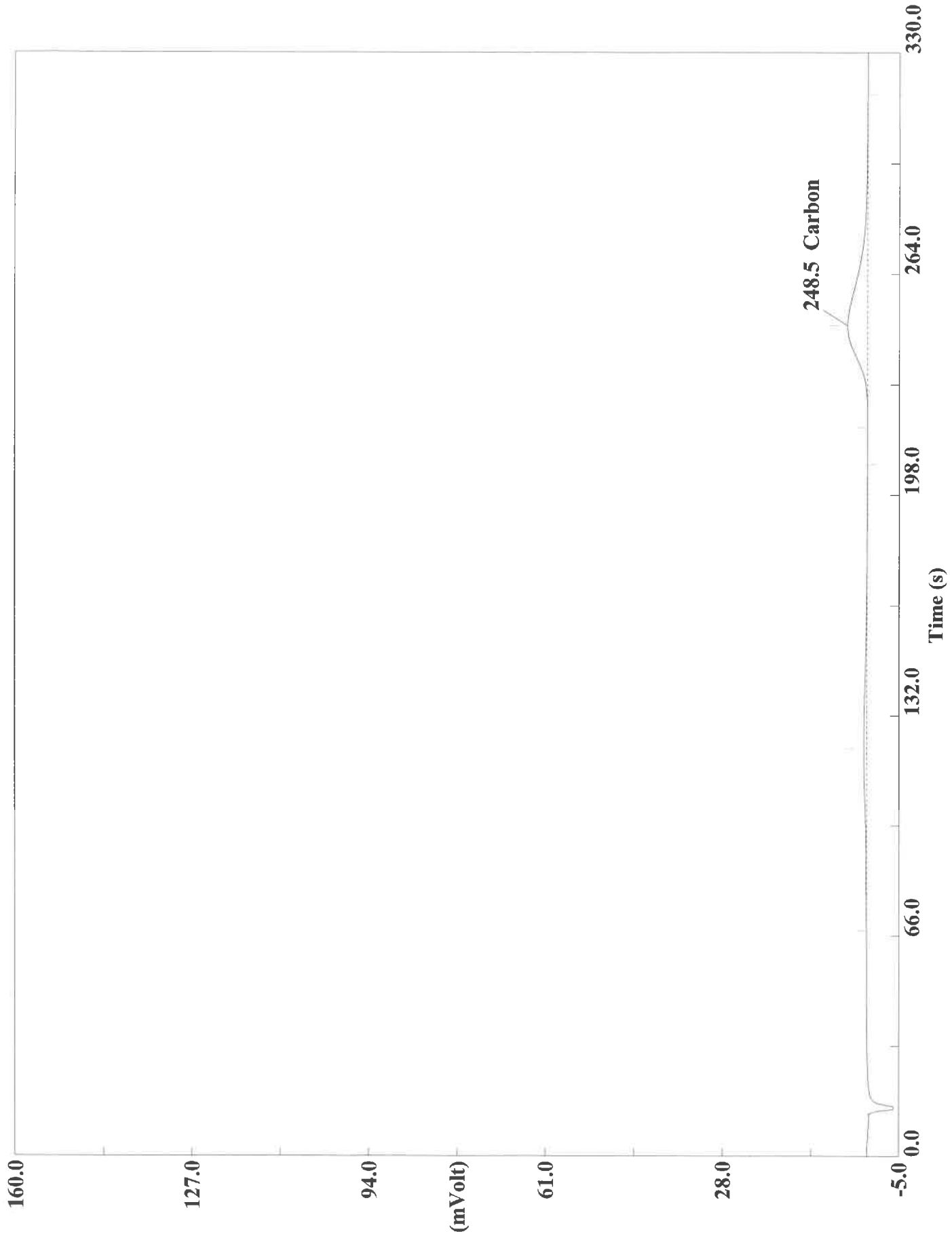
Page: 1 Sample: 180-111287-A-5 (A092820112)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820112
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:22 Printed : 9/29/2020 06:48
Sample ID : 180-111287-A-5 (# 123)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0763	248	1223942	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820113.DAT

Sample name : 180-111287-A-5 Analyzed : 09/29/2020 00:28

Eager 300 Report

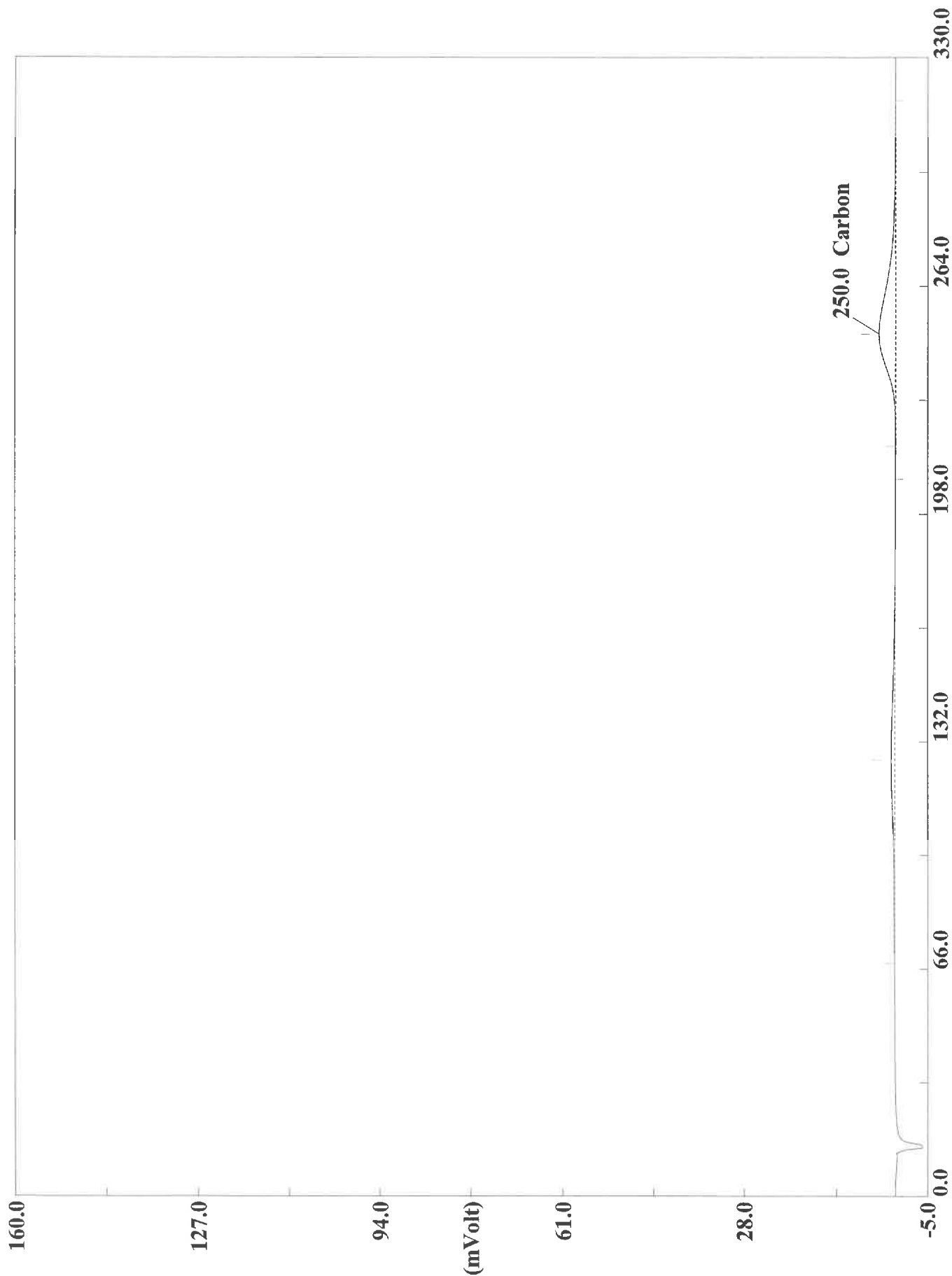
Page: 1 Sample: 180-111287-A-5 (A092820113)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820113
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:28 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-5 (# 124)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9731	249	1028140	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820115.DAT
Sample name :180-111287-A-6 Analysed :09/29/2020 00:39

Eager 300 Report

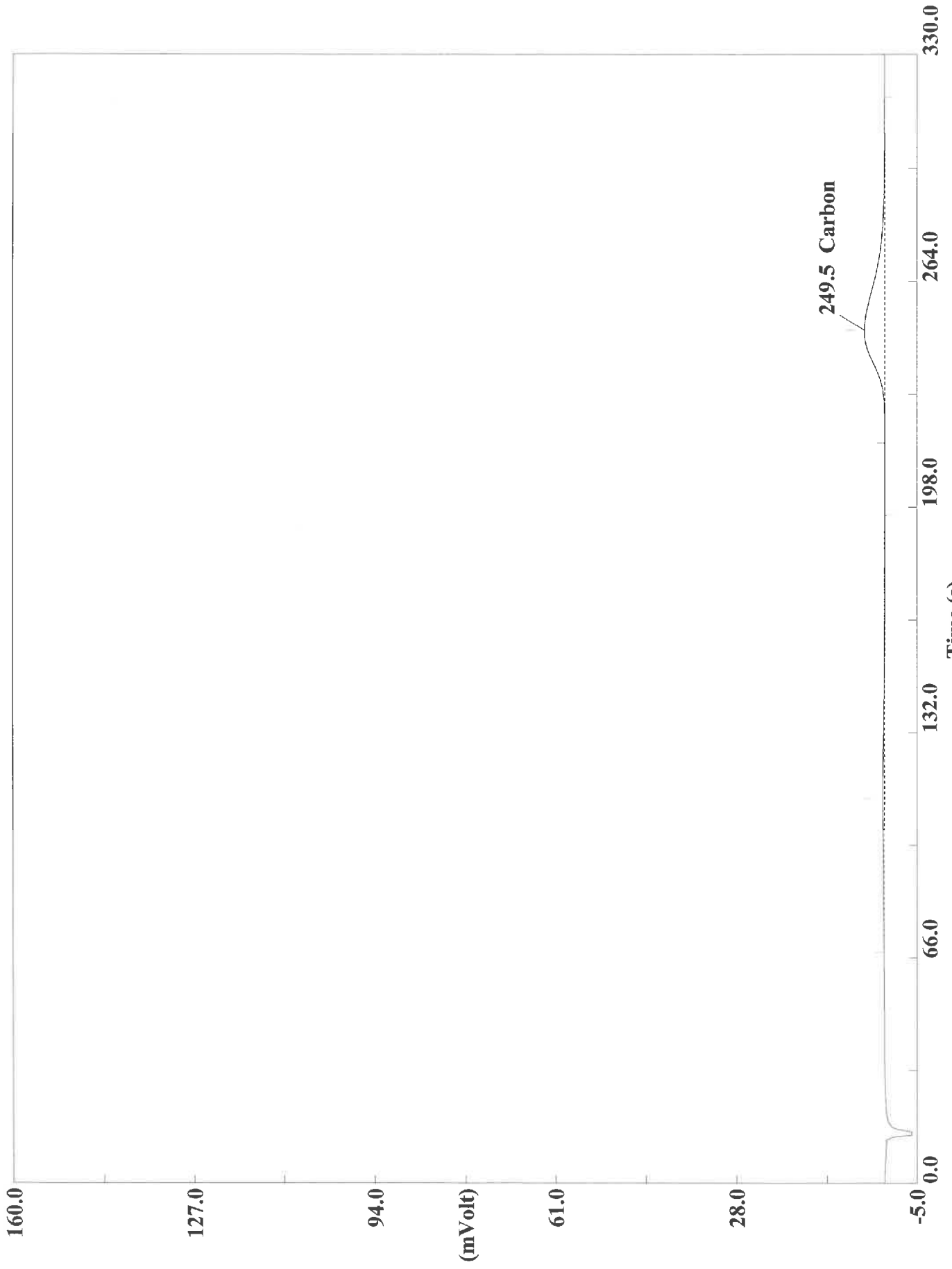
Page: 1 Sample: 180-111287-A-6 (A092820115)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820115
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:39 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-6 (# 126)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.8819	250	823610	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820116.DAT

Sample name :180-111287-A-6 Analysed :09/29/2020 00:45

Eager 300 Report

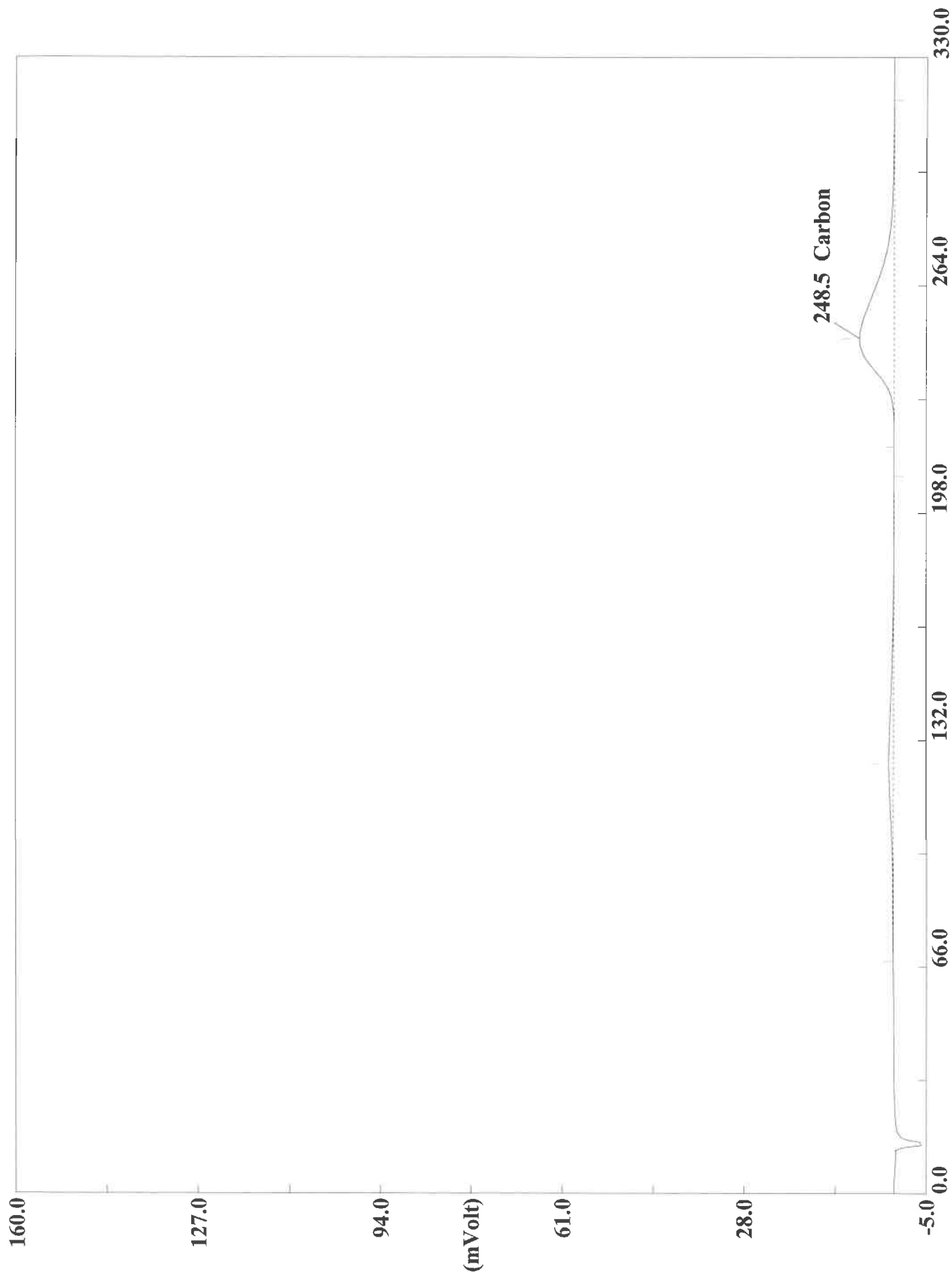
Page: 1 Sample: 180-111287-A-6 (A092820116)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820116
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:45 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-6 (# 127)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0406	250	1024995	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820118.DAT
Sample name :180-111287-A-7 Analysed :09/29/2020 00:56

Eager 300 Report

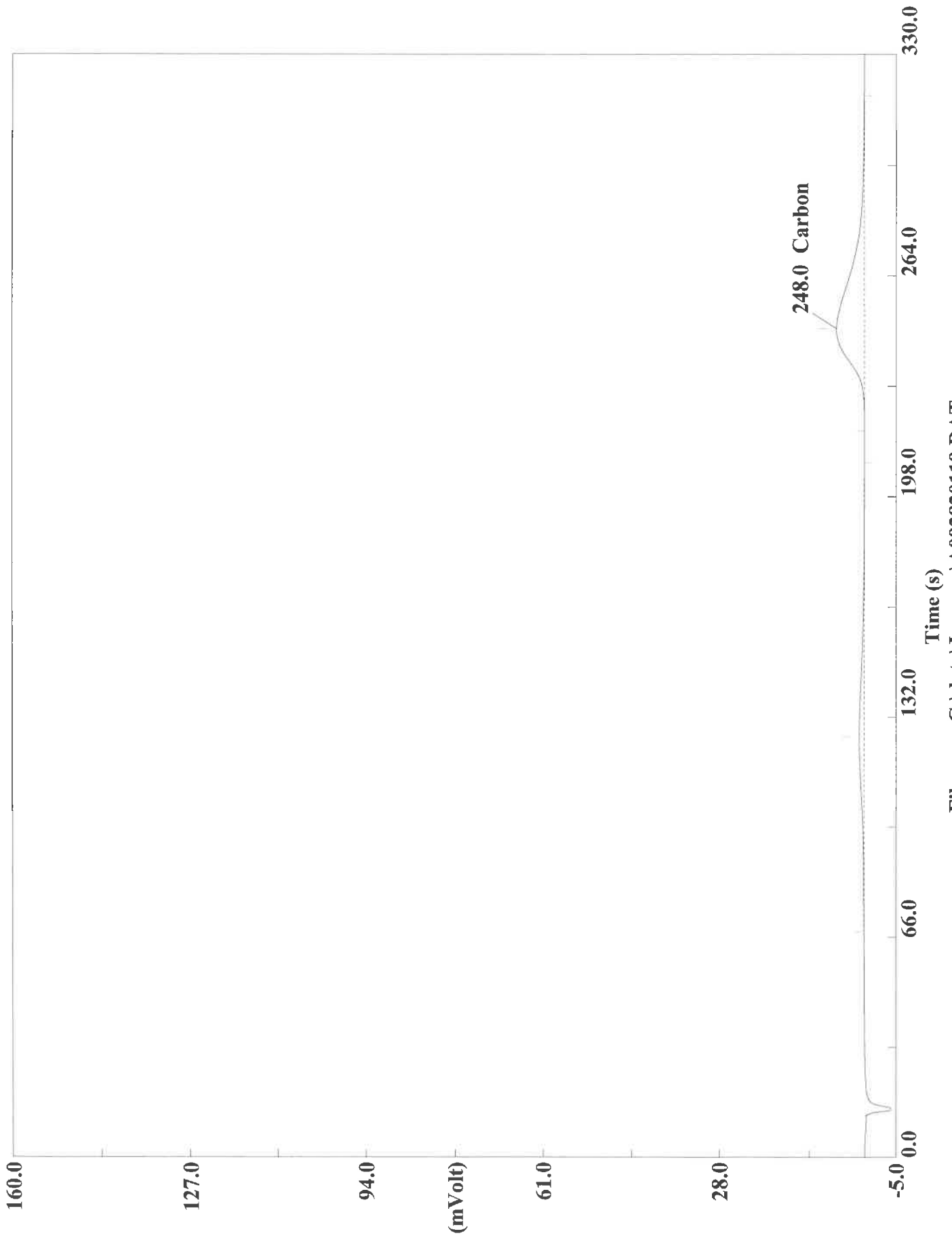
Page: 1 Sample: 180-111287-A-7 (A092820118)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820118
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 00:56 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-7 (# 129)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0189	249	1747316	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820119.DAT
Sample name :180-111287-A-7 Analysed :09/29/2020 01:01

Eager 300 Report

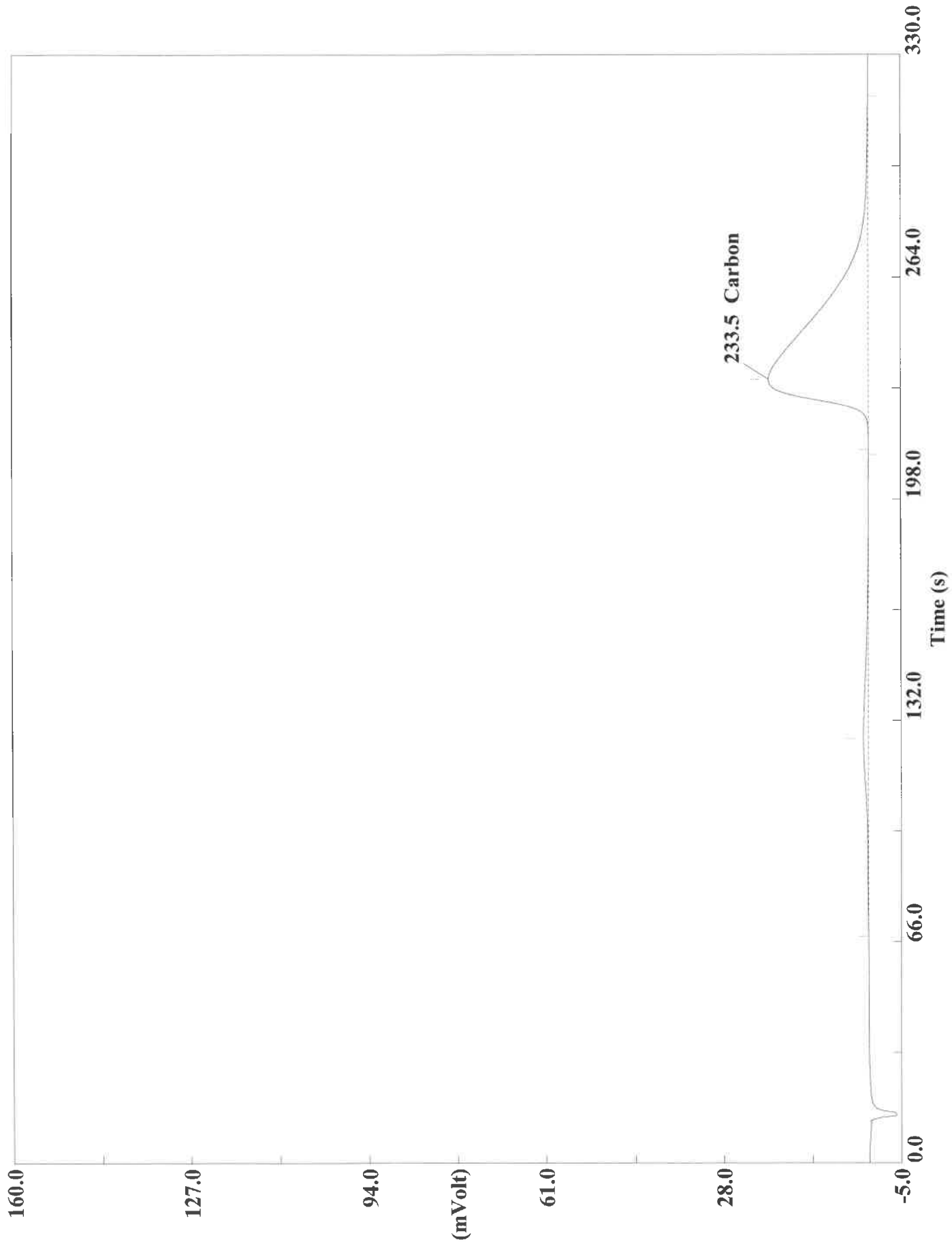
Page: 1 Sample: 180-111287-A-7 (A092820119)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820119
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:01 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-7 (# 130)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4661	248	1568575	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820121.DAT
Sample name :CCV Analysed :09/29/2020 01:13

Eager 300 Report

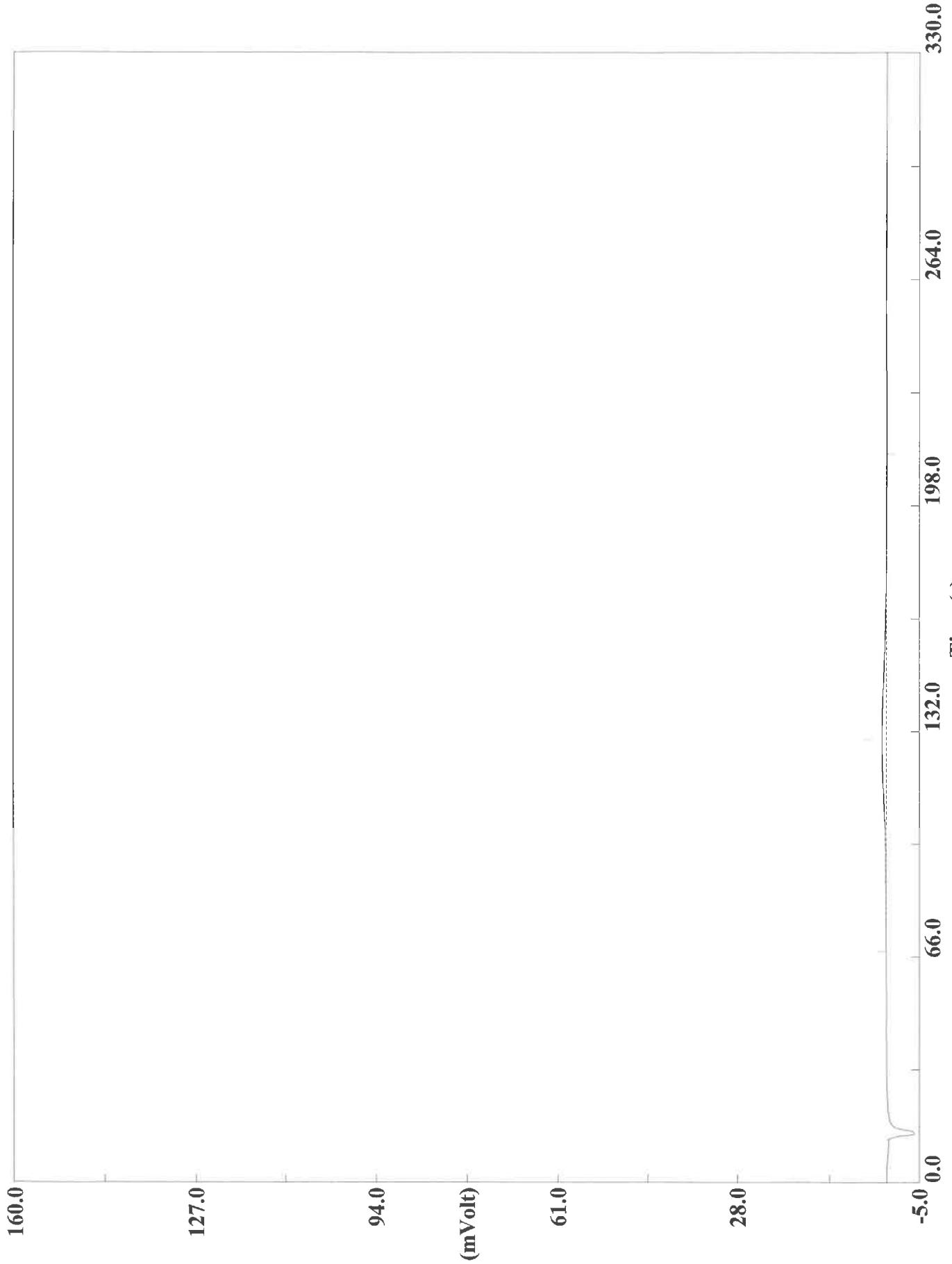
Page: 1 Sample: CCV (A092820121)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820121
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:13 Printed : 9/29/2020 06:49
Sample ID : CCV (# 132)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9940	234	5165964	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820122.DAT
Sample name :CCB Analysed :09/29/2020 01:18

Eager 300 Report

Page: 1 Sample: CCB (A092820122)

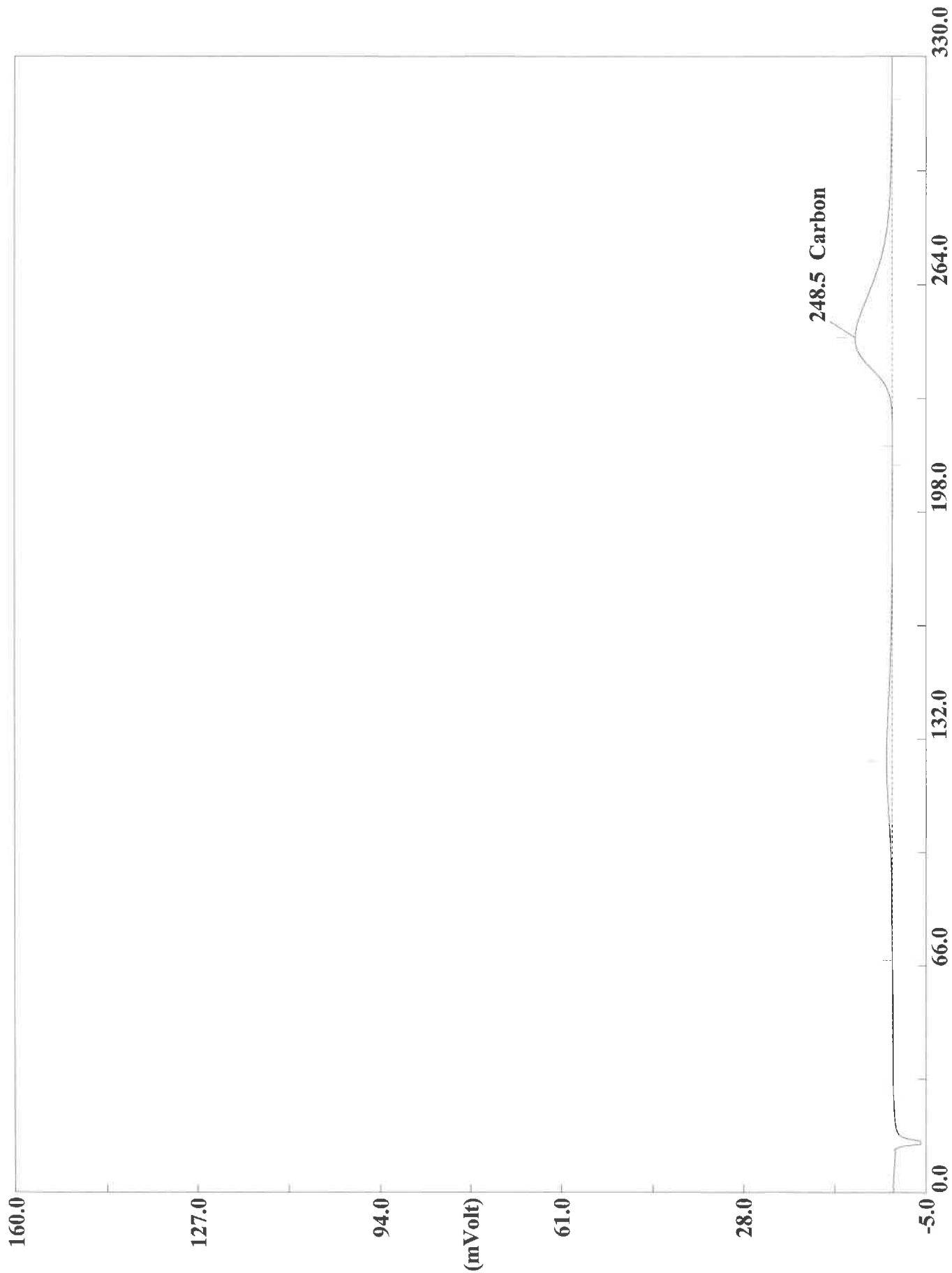
Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820122
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:18 Printed : 9/29/2020 06:49
Sample ID : CCB (# 133)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820123.DAT

Sample name :180-111287-A-8 Analysed :09/29/2020 01:24

Eager 300 Report

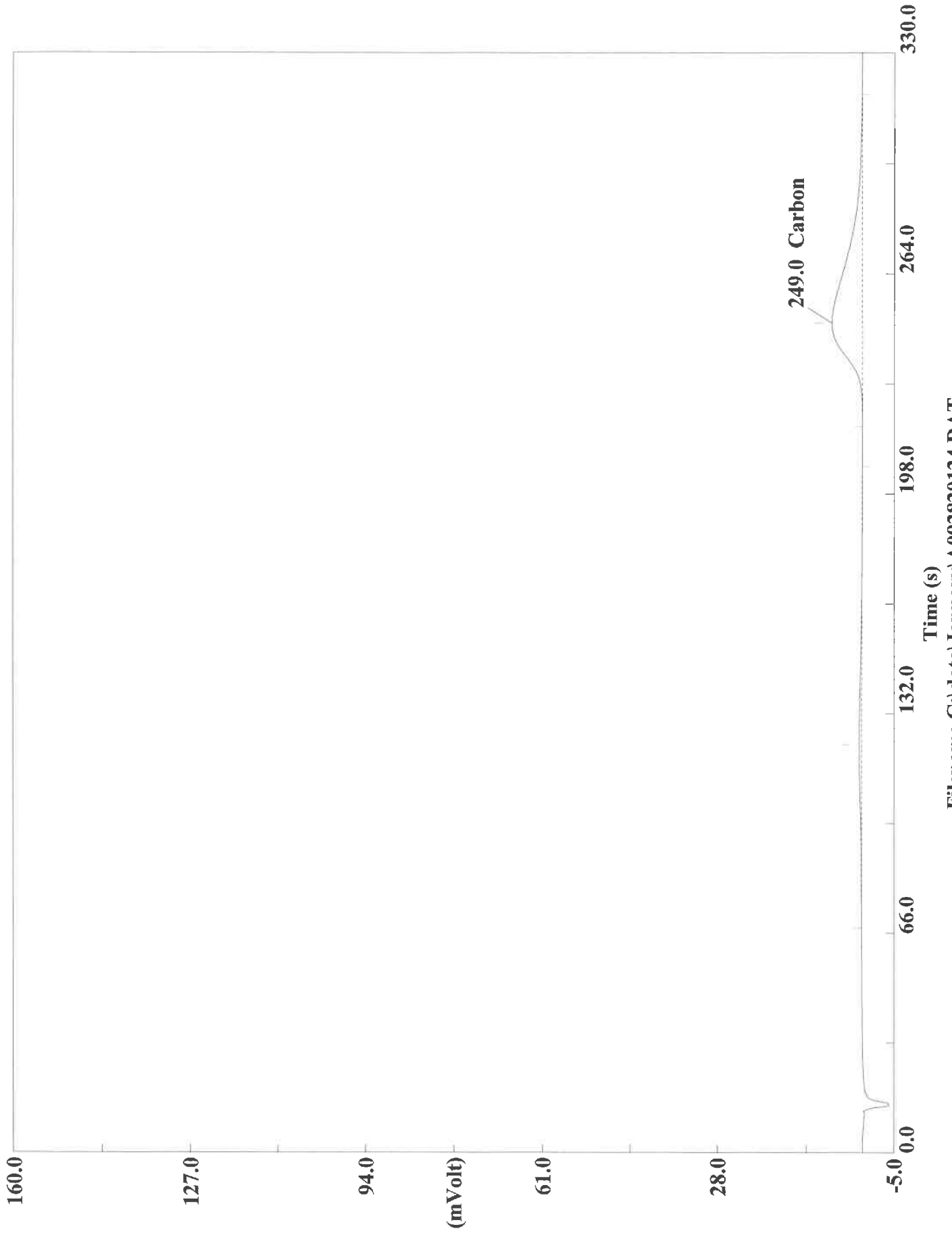
Page: 1 Sample: 180-111287-A-8 (A092820123)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820123
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:24 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-8 (# 134)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0536	249	1938586	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820124.DAT

Sample name :180-111287-A-8 Analysed :09/29/2020 01:29

Eager 300 Report

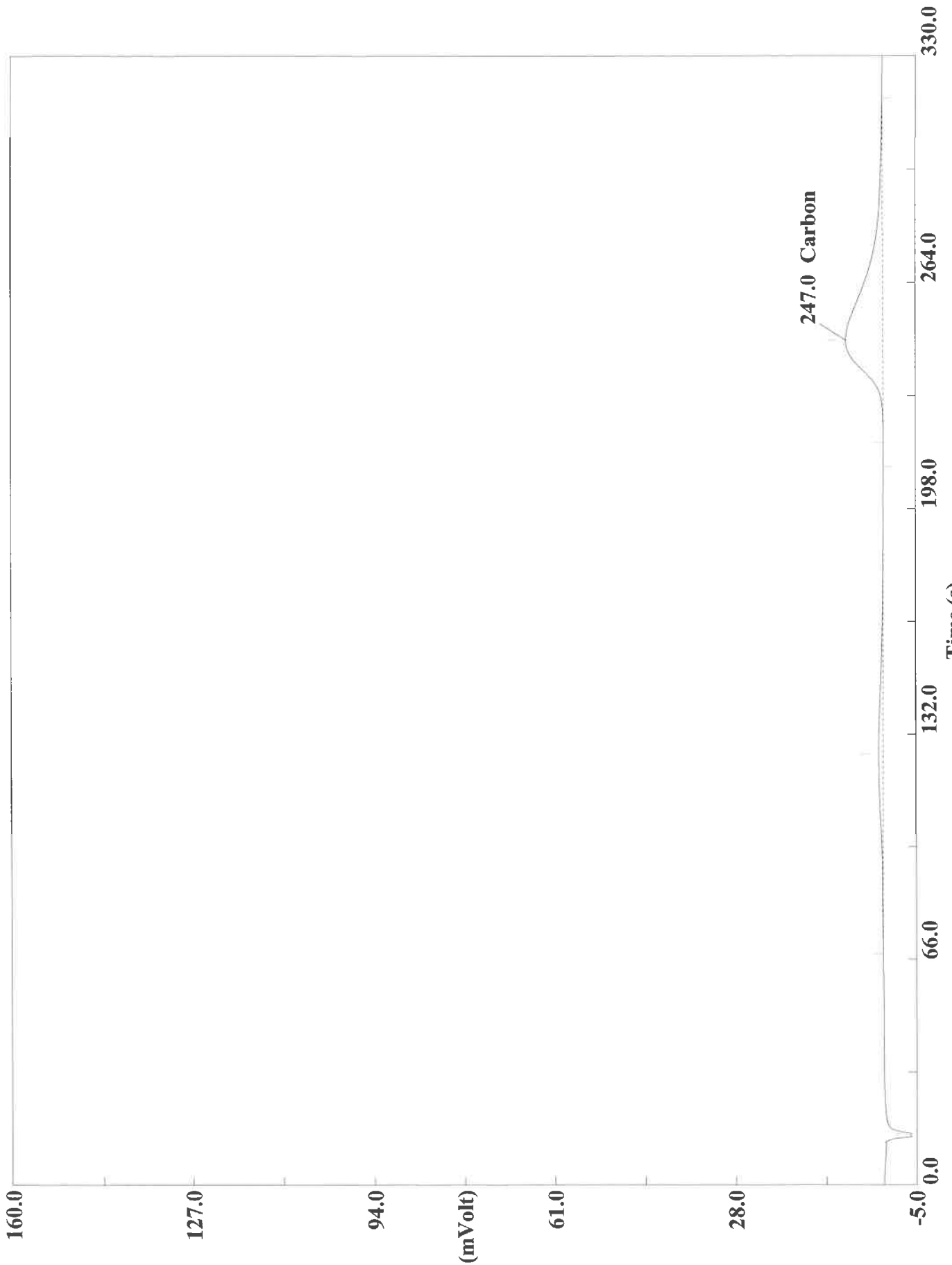
Page: 1 Sample: 180-111287-A-8 (A092820124)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820124
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:29 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-8 (# 135)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8929	249	1873962	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820126.DAT

Sample name :180-111287-A-9 Analysed :09/29/2020 01:41

Eager 300 Report

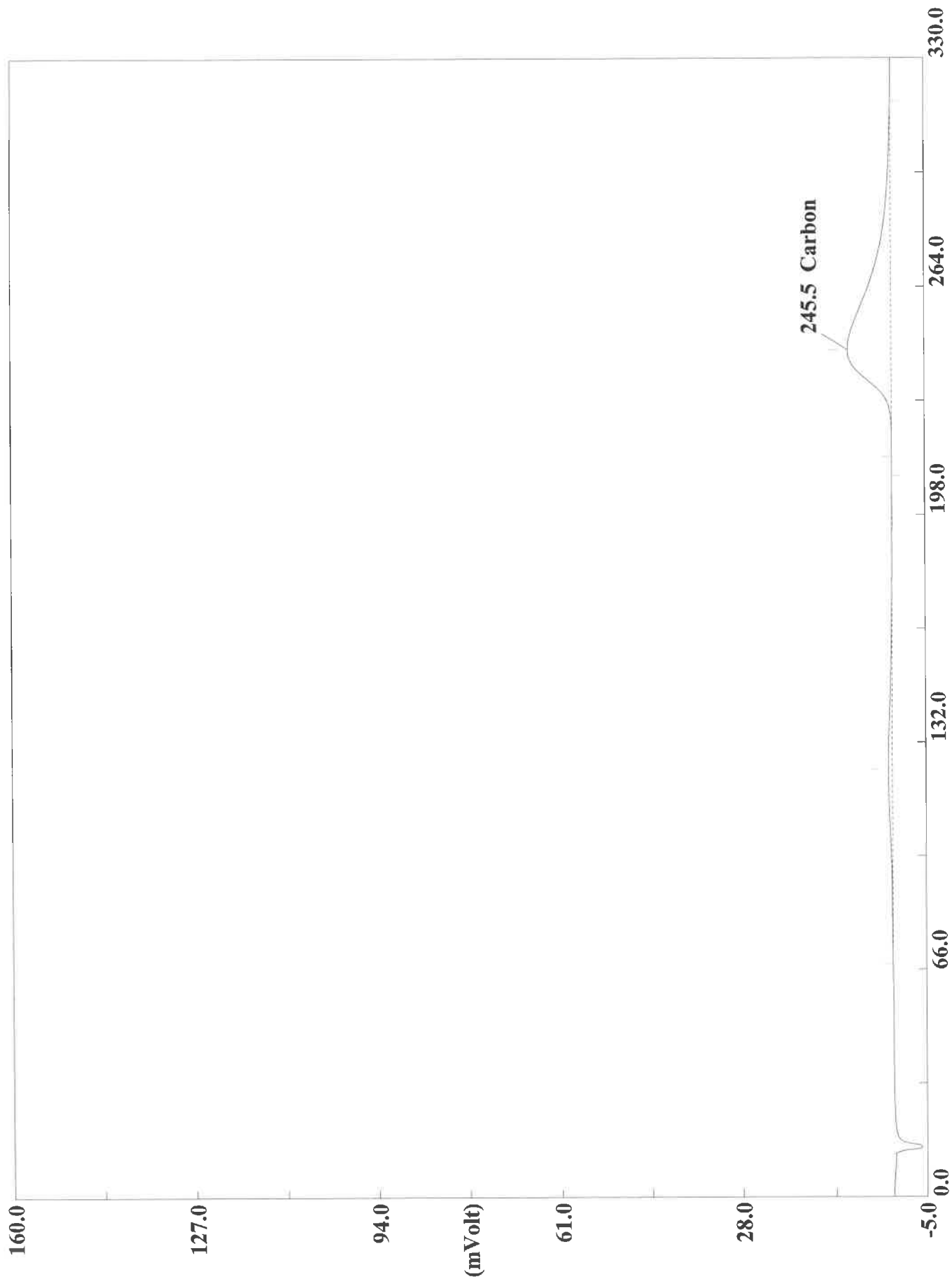
Page: 1 Sample: 180-111287-A-9 (A092820126)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820126
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:41 Printed : 9/29/2020 06:49
Sample ID : 180-111287-A-9 (# 137)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8477	247	1963721	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820127.DAT

Sample name :180-111287-A-9 Analysed :09/29/2020 01:46

Eager 300 Report

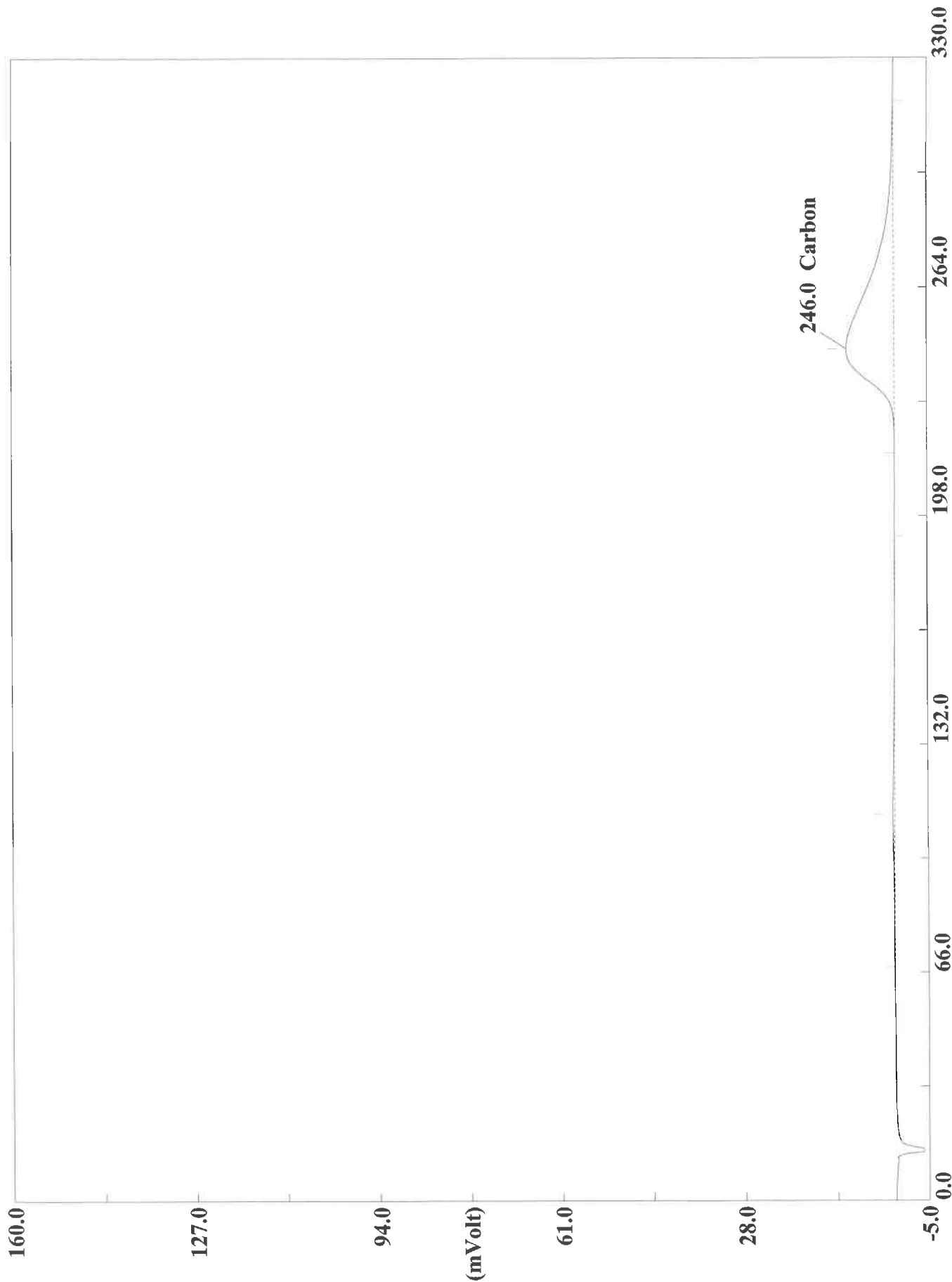
Page: 1 Sample: 180-111287-A-9 (A092820127)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820127
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:46 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-9 (# 138)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4137	246	2496884	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820129.DAT
Sample name :180-111287-A-10 Analysed :09/29/2020 01:57

Eager 300 Report

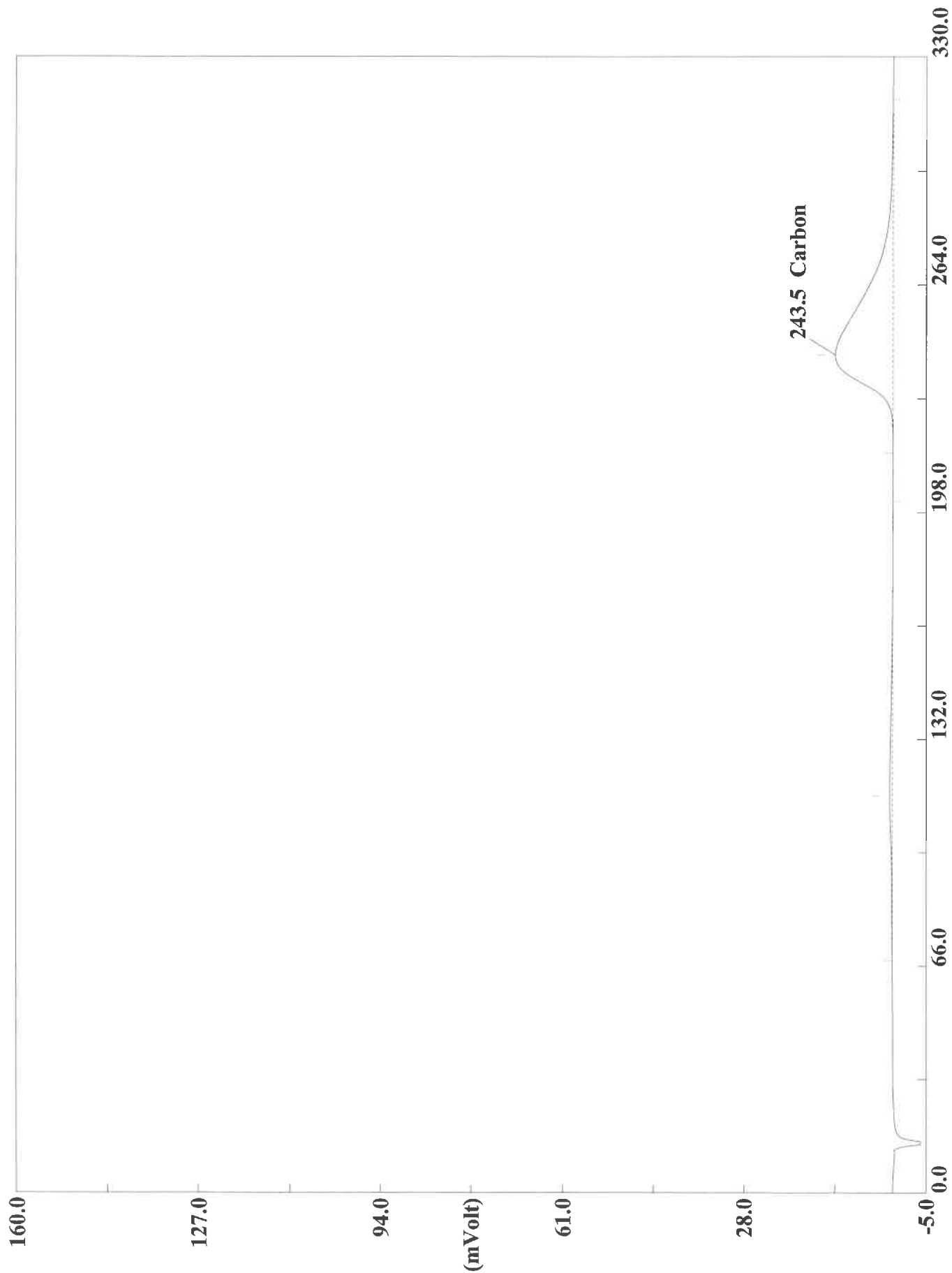
Page: 1 Sample: 180-111287-A-10 (A092820129)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820129
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 01:57 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-10 (# 140)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2371	246	2756313	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820130.DAT
Sample name :180-111287-A-10 Analysed :09/29/2020 02:03

Eager 300 Report

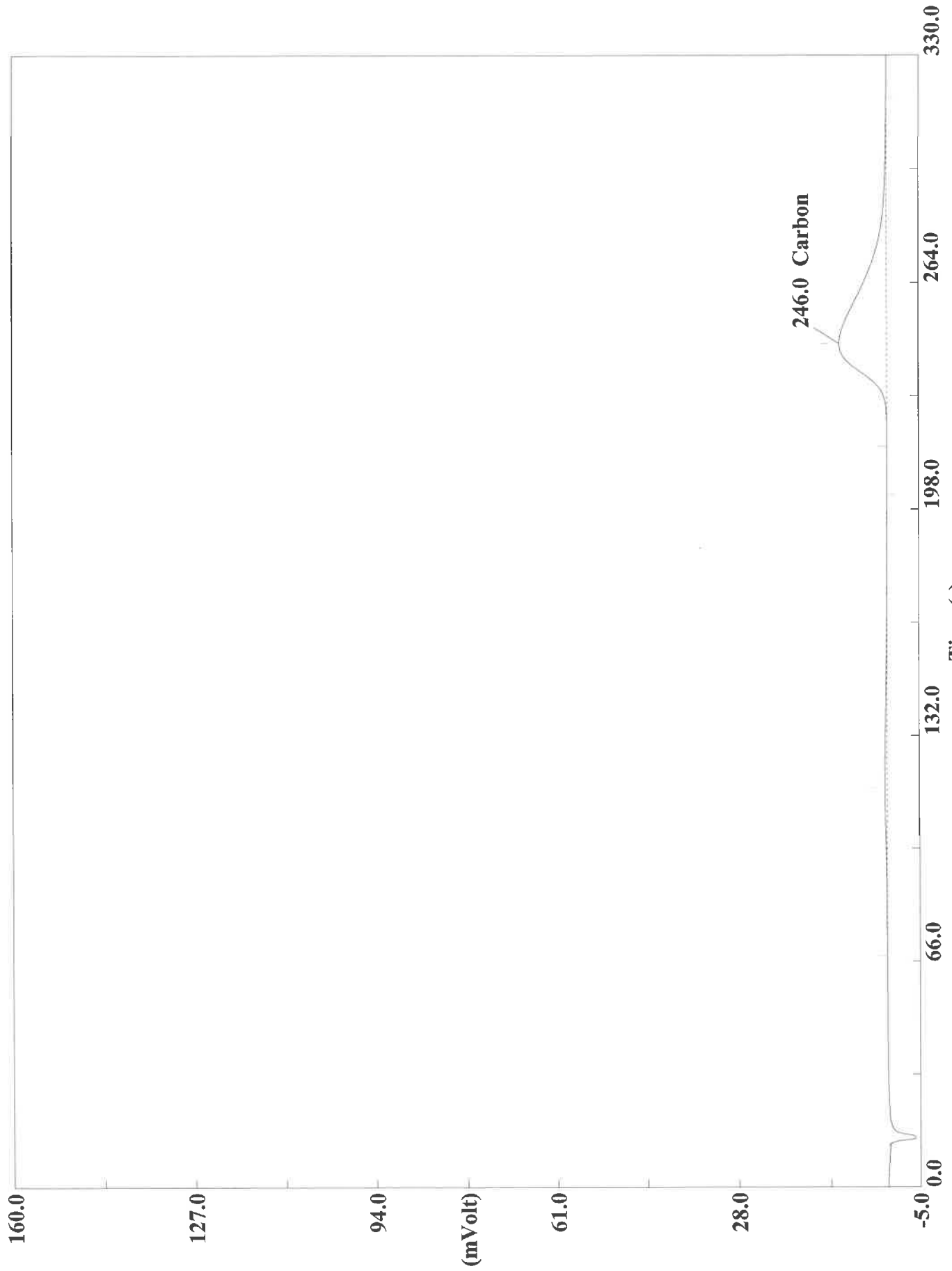
Page: 1 Sample: 180-111287-A-10 (A092820130)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820130
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:03 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-10 (# 141)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8265	244	2927901	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820132.DAT

Sample name : 180-111287-A-11 Analysed : 09/29/2020 02:14

Eager 300 Report

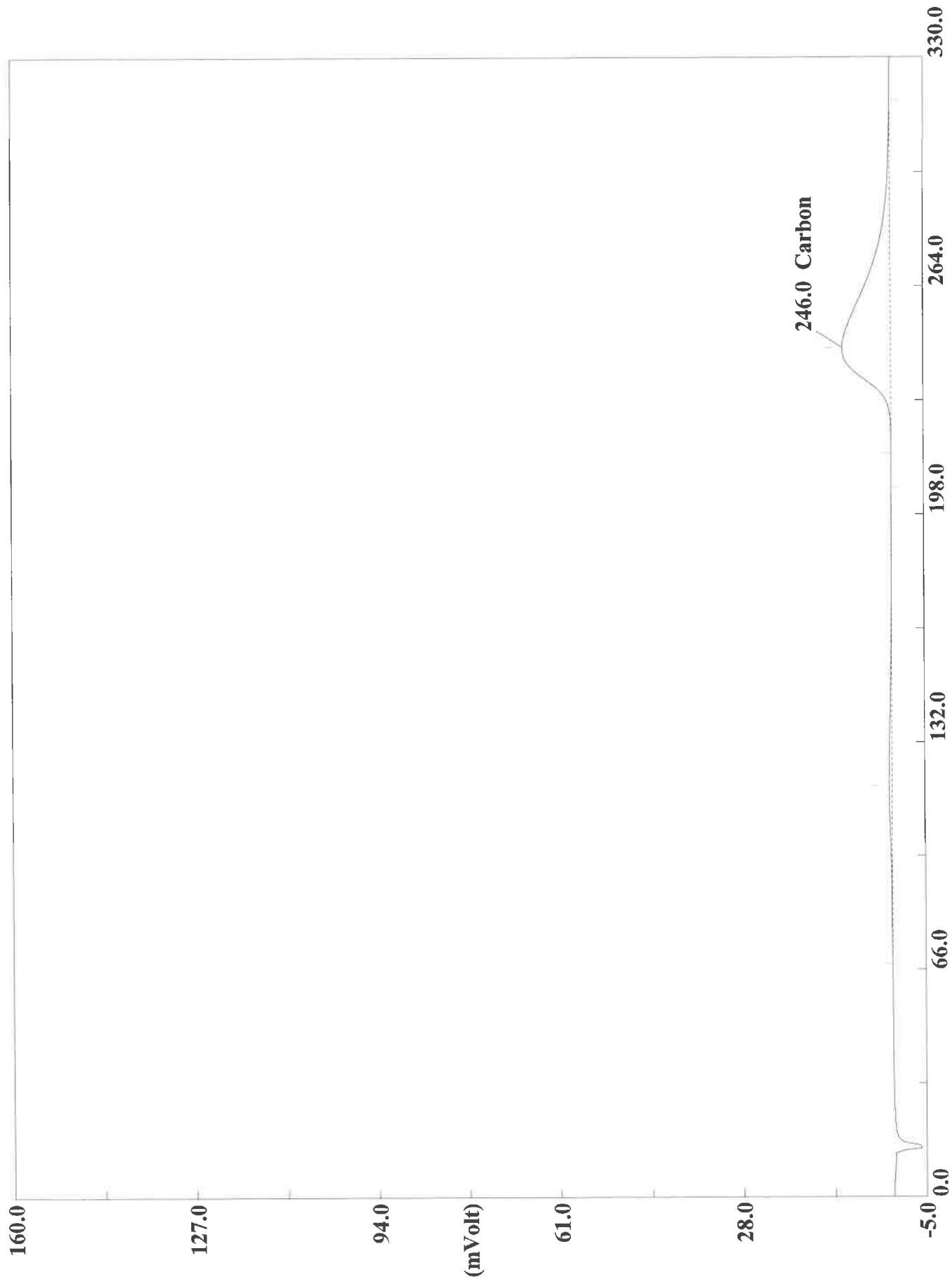
Page: 1 Sample: 180-111287-A-11 (A092820132)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820132
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:14 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-11 (# 143)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4170	246	2500311	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820133.DAT

Sample name :180-111287-A-11 Analysed :09/29/2020 02:20

Eager 300 Report

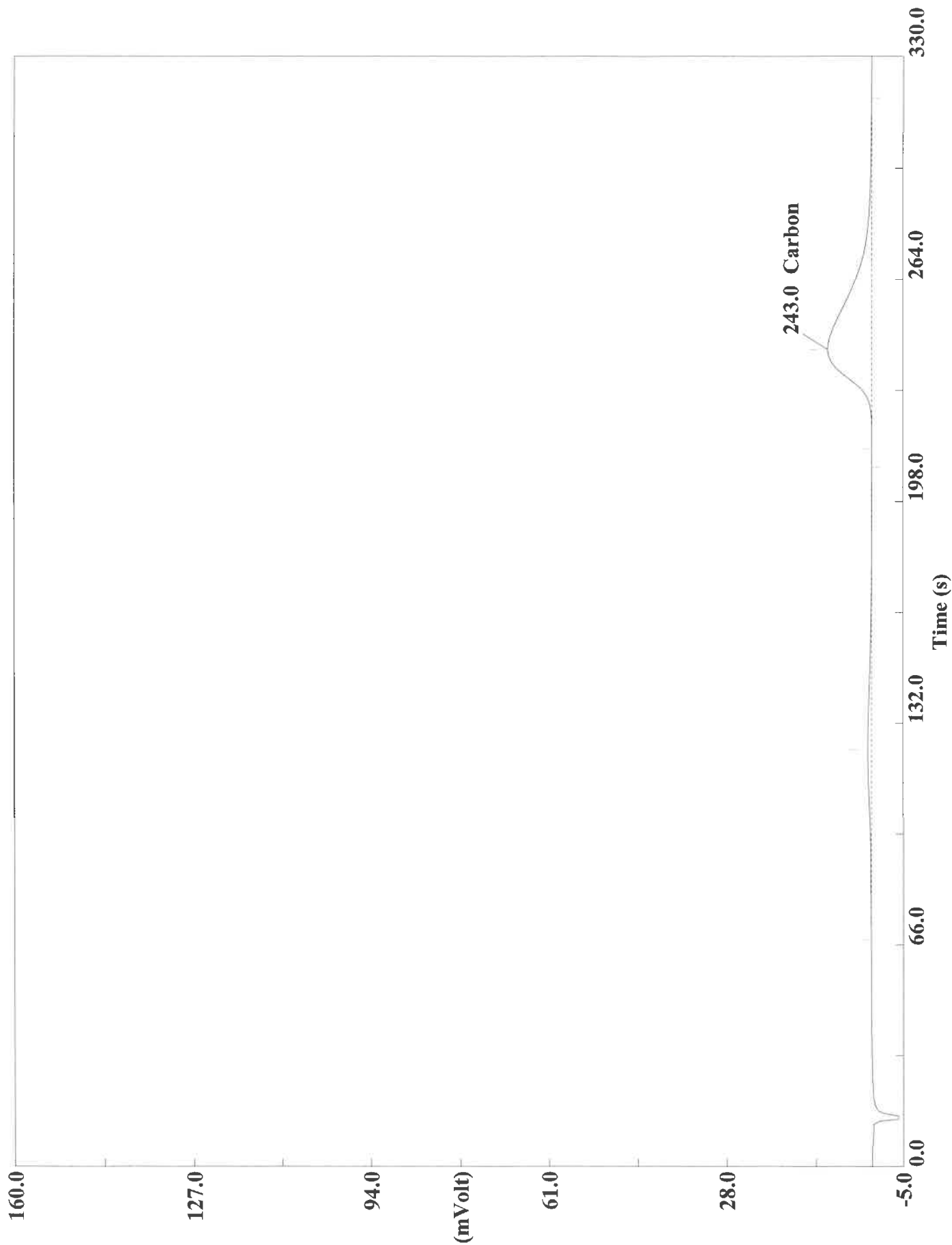
Page: 1 Sample: 180-111287-A-11 (A092820133)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820133
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:20 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-11 (# 144)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5293	246	2723267	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820135.DAT

Sample name : 180-111287-A-12 Analysed : 09/29/2020 02:31

Eager 300 Report

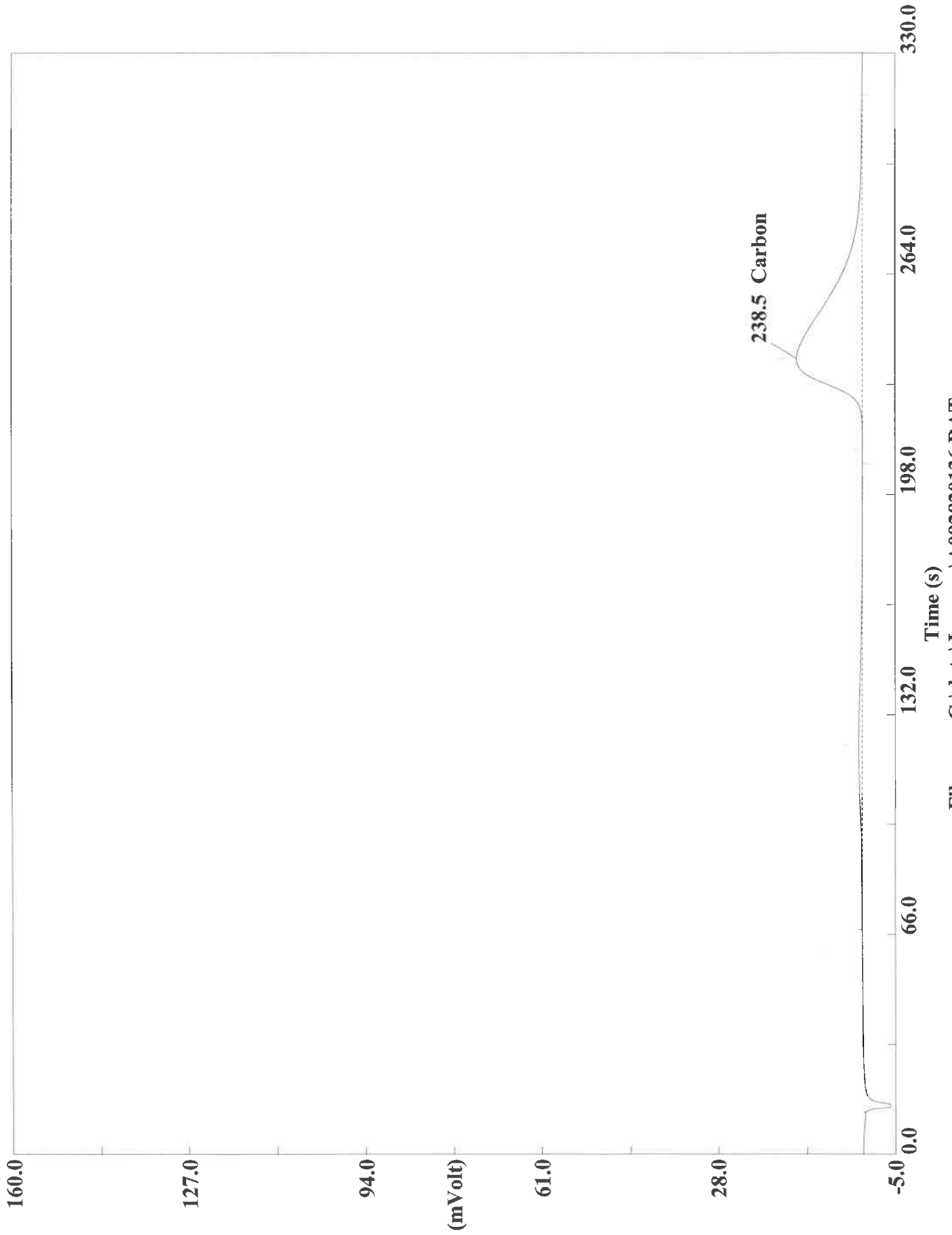
Page: 1 Sample: 180-111287-A-12 (A092820135)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820135
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:31 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-12 (# 146)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7086	243	2338140	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820136.DAT
Sample name :180-111287-A-12 Analysed :09/29/2020 02:36

Eager 300 Report

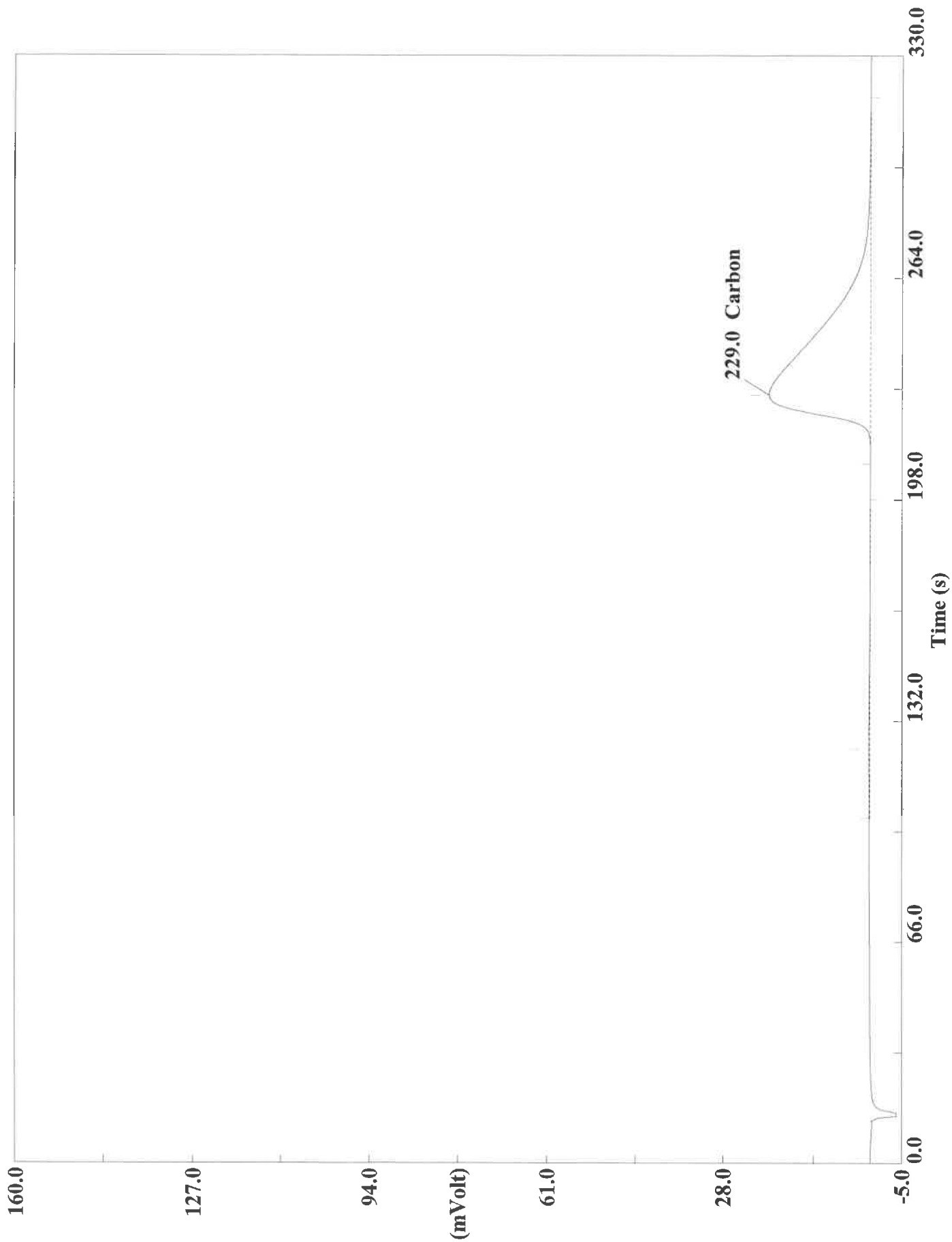
Page: 1 Sample: 180-111287-A-12 (A092820136)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820136
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:36 Printed : 9/29/2020 06:50
Sample ID : 180-111287-A-12 (# 147)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1186	239	3526039	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820138.DAT
Sample name :CCV Analysed :09/29/2020 02:48

Eager 300 Report

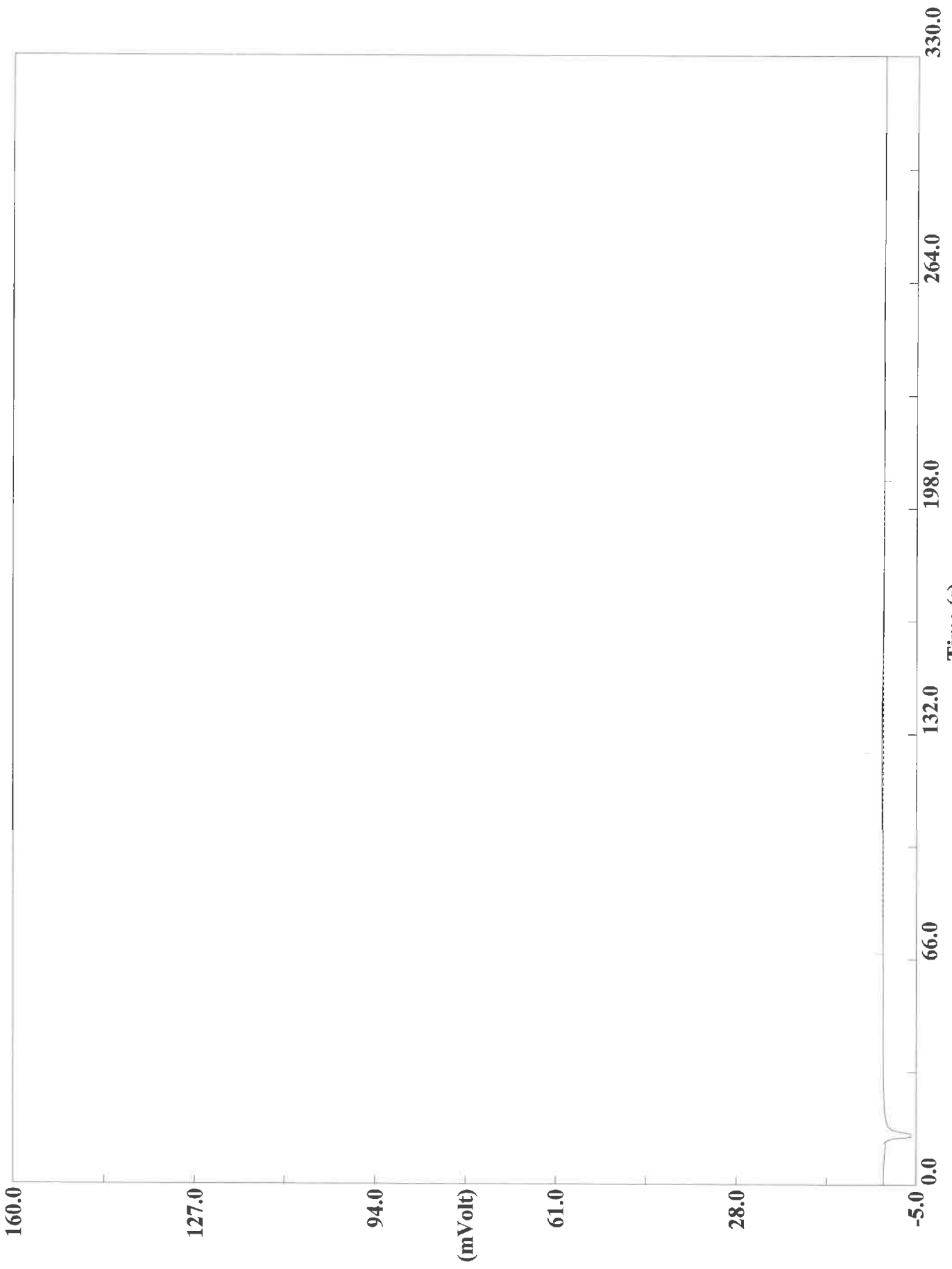
Page: 1 Sample: CCV (A092820138)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820138
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:48 Printed : 9/29/2020 06:50
Sample ID : CCV (# 149)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9821	229	5104192	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/29/20



Filename C:\data\January\A092820139.DAT
Sample name :CCB Analysed :09/29/2020 02:53

Eager 300 Report

Page: 1 Sample: CCB (A092820139)

Method Name : Lloyd Kahn
Method File : C:\data\January\092820A.mth
Chromatogram : A092820139
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 02:53 Printed : 9/29/2020 06:50
Sample ID : CCB (# 150)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092320A.mth

Sample table

Chromatogram overwrite : Enabled

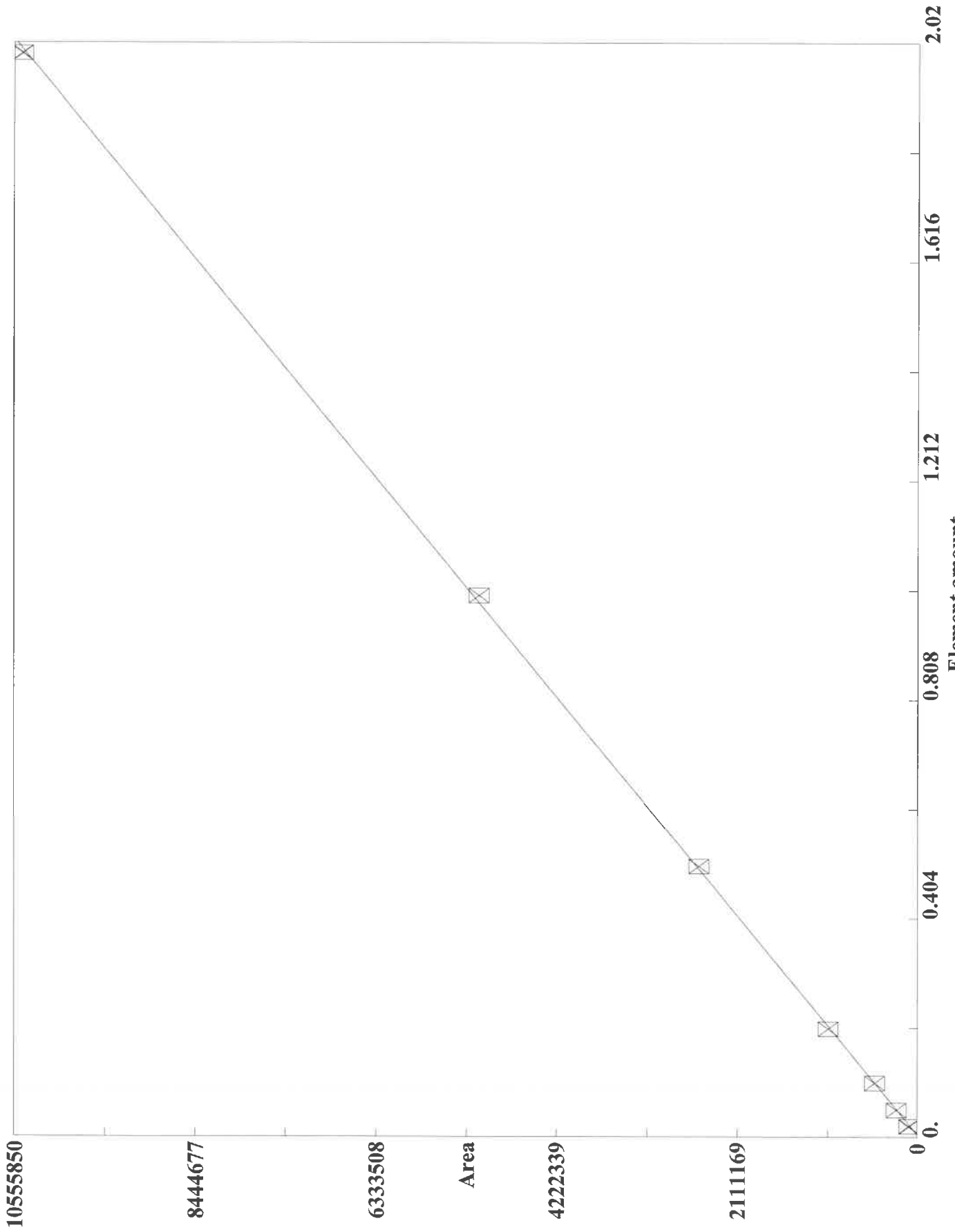
#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	CCV	A092320017	Unk	100	0
13	CCB	A092320018	Unk	20	0
14	MB	A092320019	Unk	21.1	0
15	MB	A092320020	Unk	24.4	0
16	LCS	A092320021	Unk	12.7	0
17	LCS	A092320022	Unk	9.8	0
18	180-110583-A-9	A092320023	Unk	18.2	0
19	180-110583-A-9	A092320024	Unk	18	0
20	Rinse	A092320025	Unk	1	0
21	180-110583-B-14	A092320026	Unk	10.6	0
22	180-110583-B-14	A092320027	Unk	7.4	0
23	Rinse	A092320028	Unk	1	0
24	180-110583-B-14 MS	A092320029	Unk	8.3	0
25	180-110583-B-14 MS	A092320030	Unk	6.6	0
26	Rinse	A092320031	Unk	1	0
27	180-110583-B-14 MSD	A092320032	Unk	7.7	0
28	180-110583-B-14 MSD	A092320033	Unk	7.8	0
29	Rinse	A092320034	Unk	1	0
30	180-110583-A-19	A092320035	Unk	13.1	0
31	180-110583-A-19	A092320036	Unk	16.6	0
32	Rinse	A092320037	Unk	1	0
33	CCV	A092320038	Unk	100	0
34	CCB	A092320039	Unk	20	0
35	180-110583-A-20	A092320040	Unk	11.9	0
36	180-110583-A-20	A092320041	Unk	9.1	0
37	Rinse	A092320042	Unk	1	0

Llyod Kahn %Readback Error Calculation Spreadsheet

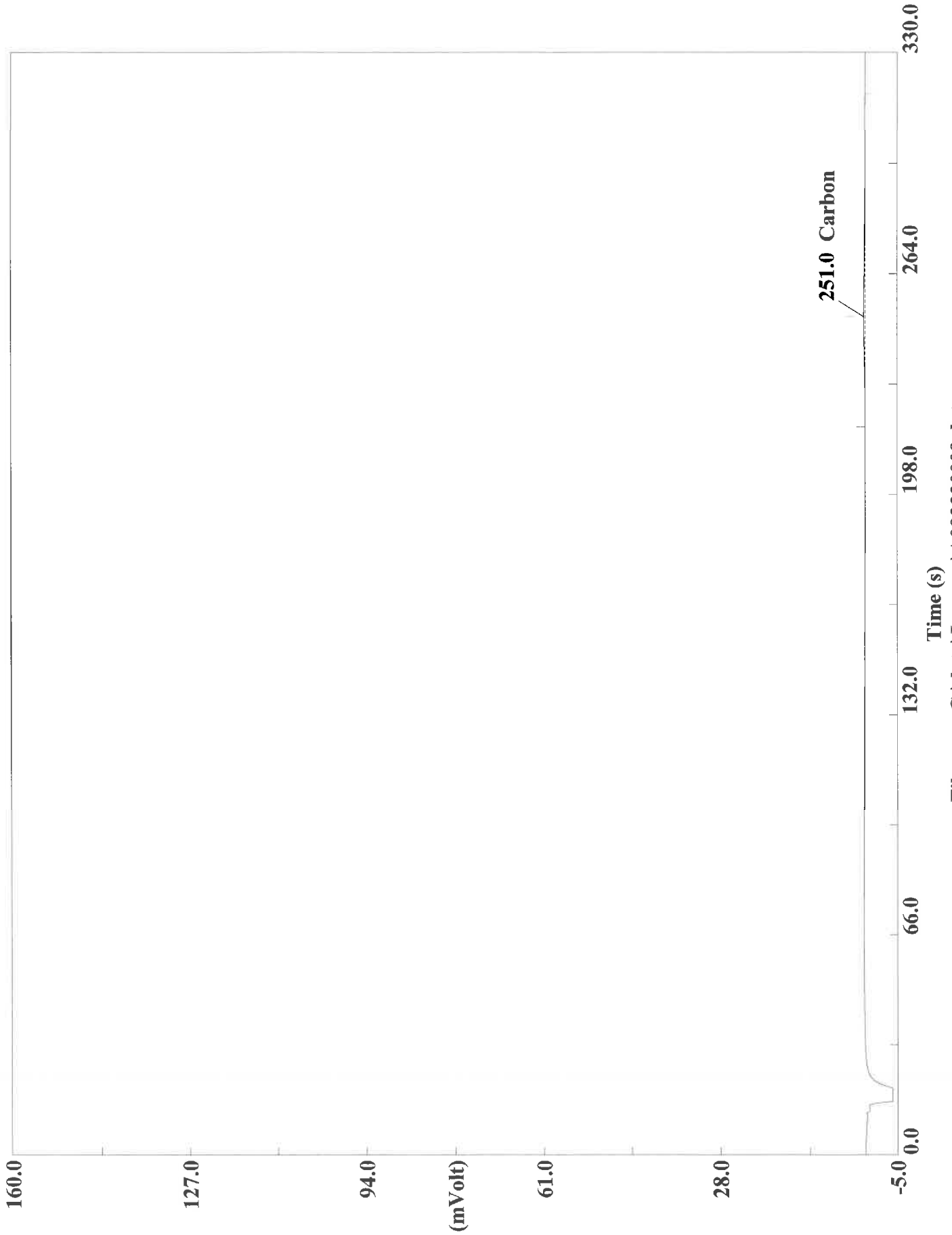
ICAL Std (ppm)	ICAL ID	Average Area	% Actual Carbon of Std.	%Readback Error	%Readback Criteria
1000	092320LK_ICAL	99423	0.0073	27.364	≤50%
2500	092320LK_ICAL	247009	0.0856	14.411	≤30%
5000	092320LK_ICAL	499611	0.0912	8.825	≤30%
10000	092320LK_ICAL	1048607	0.0982	1.838	≤30%
25000	092320LK_ICAL	2561375	0.9721	2.787	≤30%
50000	092320LK_ICAL	5128187	0.9777	2.231	≤30%
100000	092320LK_ICAL	10456420	0.9991	0.090	≤30%

Kb Value	Ke Value	Volume Cal Standard Injected	True Value Carbon Std in %
		200	0.01
		50	0.10
		100	0.10
		200	0.10
		50	1.00
		100	1.00
		200	1.00

Eager300 Calibration curve



NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320009.dat
Sample name : 1,000 KHP CT#3785365 Analysed : 09/23/2020 14:23

Eager 300 Report

Page: 1 Sample: 1,000 KHP CT#3785365 (A092320009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:23 Printed : 9/23/2020 14:29
Sample ID : 1,000 KHP CT#3785365 (# 4)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0100	251	99423	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320010.dat
Sample name :2,500 KHP CT#3785364 Analysed :09/23/2020 14:29

Eager 300 Report

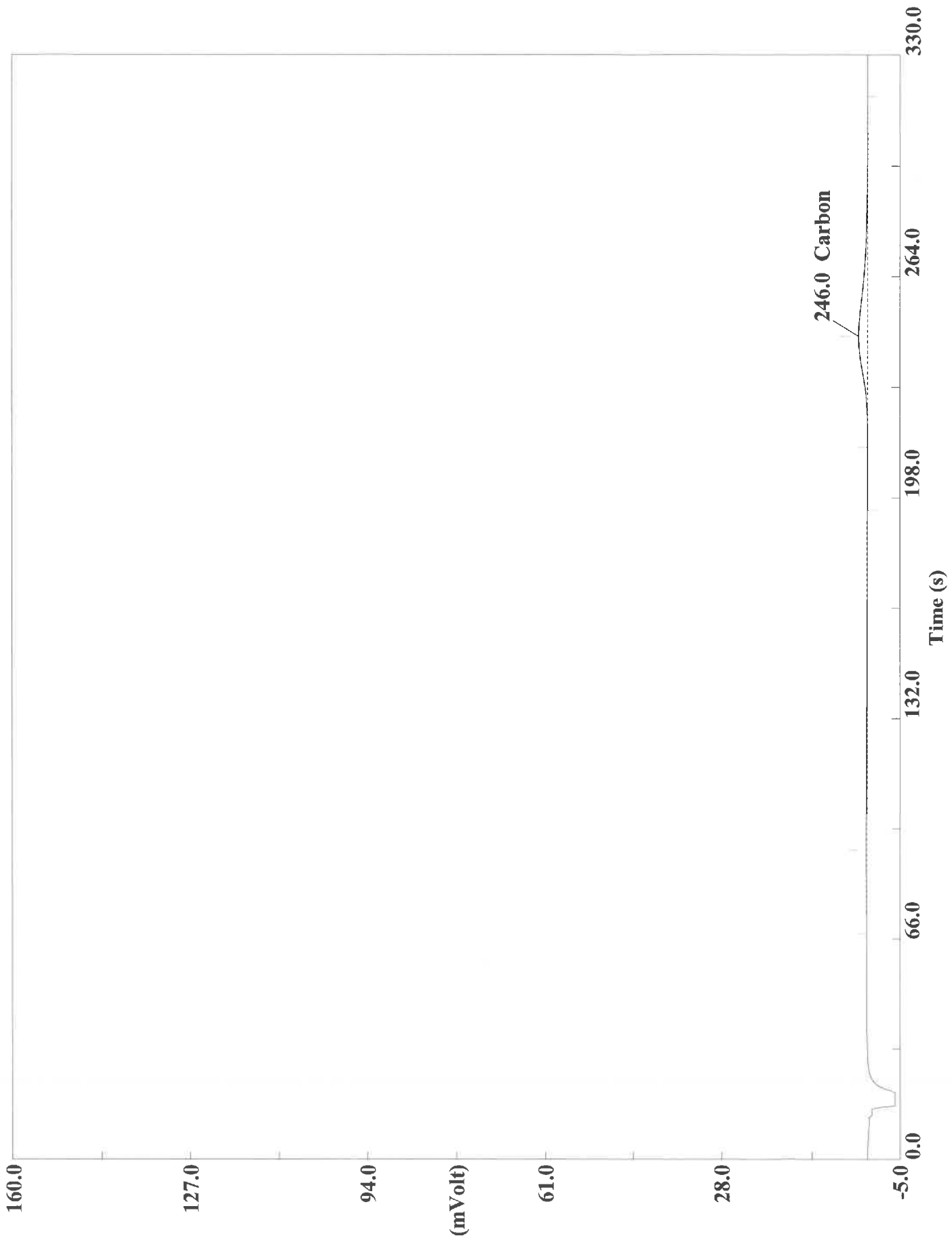
Page: 1 Sample: 2,500 KHP CT#3785364 (A092320010)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320010
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:29 Printed : 9/23/2020 14:34
Sample ID : 2,500 KHP CT#3785364 (# 5)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	248	247009	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320011.dat
Sample name :5,000 KHP CT#3785364 Analysed :09/23/2020 14:34

Eager 300 Report

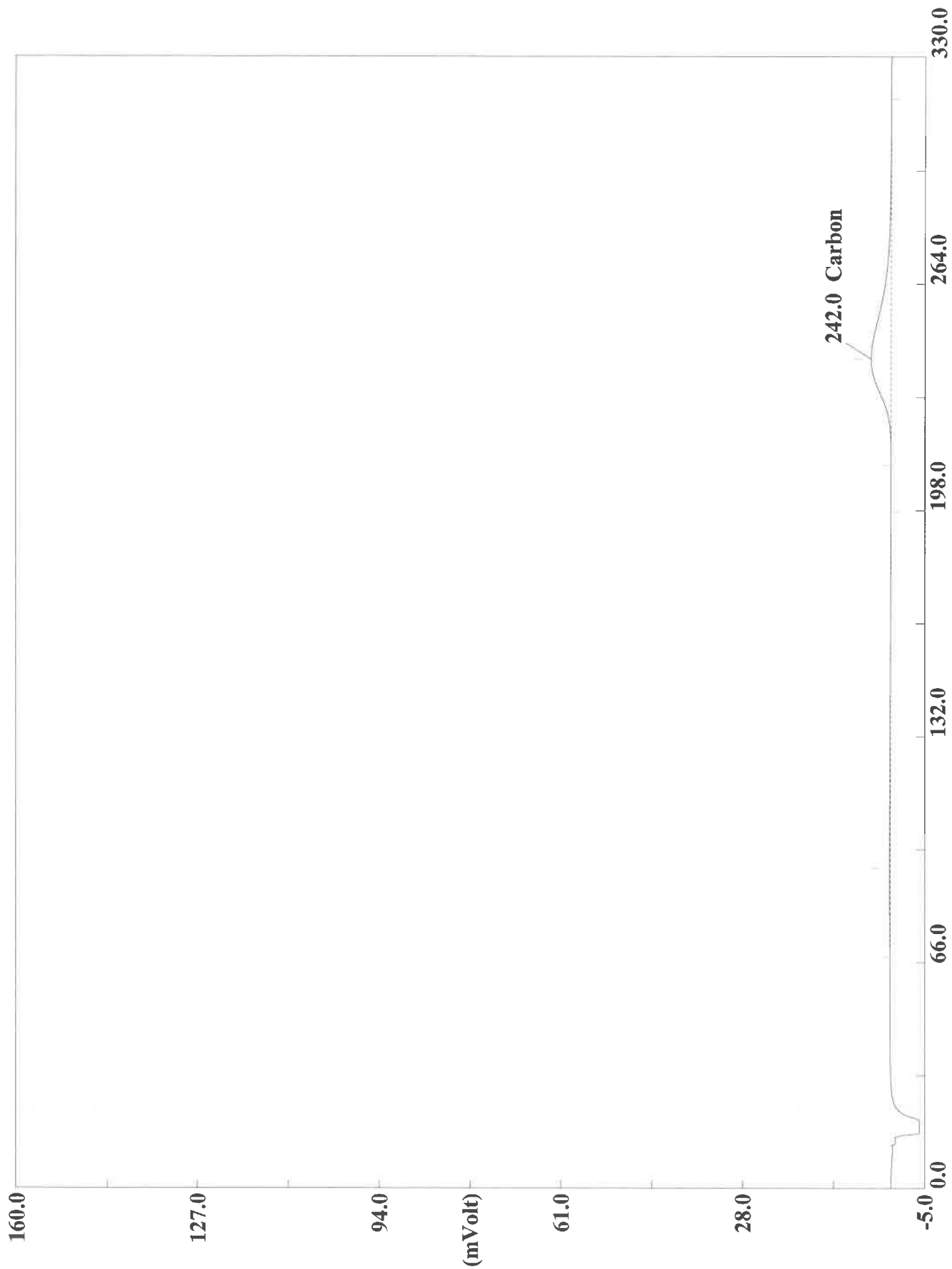
Page: 1 Sample: 5,000 KHP CT#3785364 (A092320011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:34 Printed : 9/23/2020 14:40
Sample ID : 5,000 KHP CT#3785364 (# 6)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	246	499611	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320012.dat
Sample name : 10,000 KHP CT#3785364 Analysed : 09/23/2020 14:40

Eager 300 Report

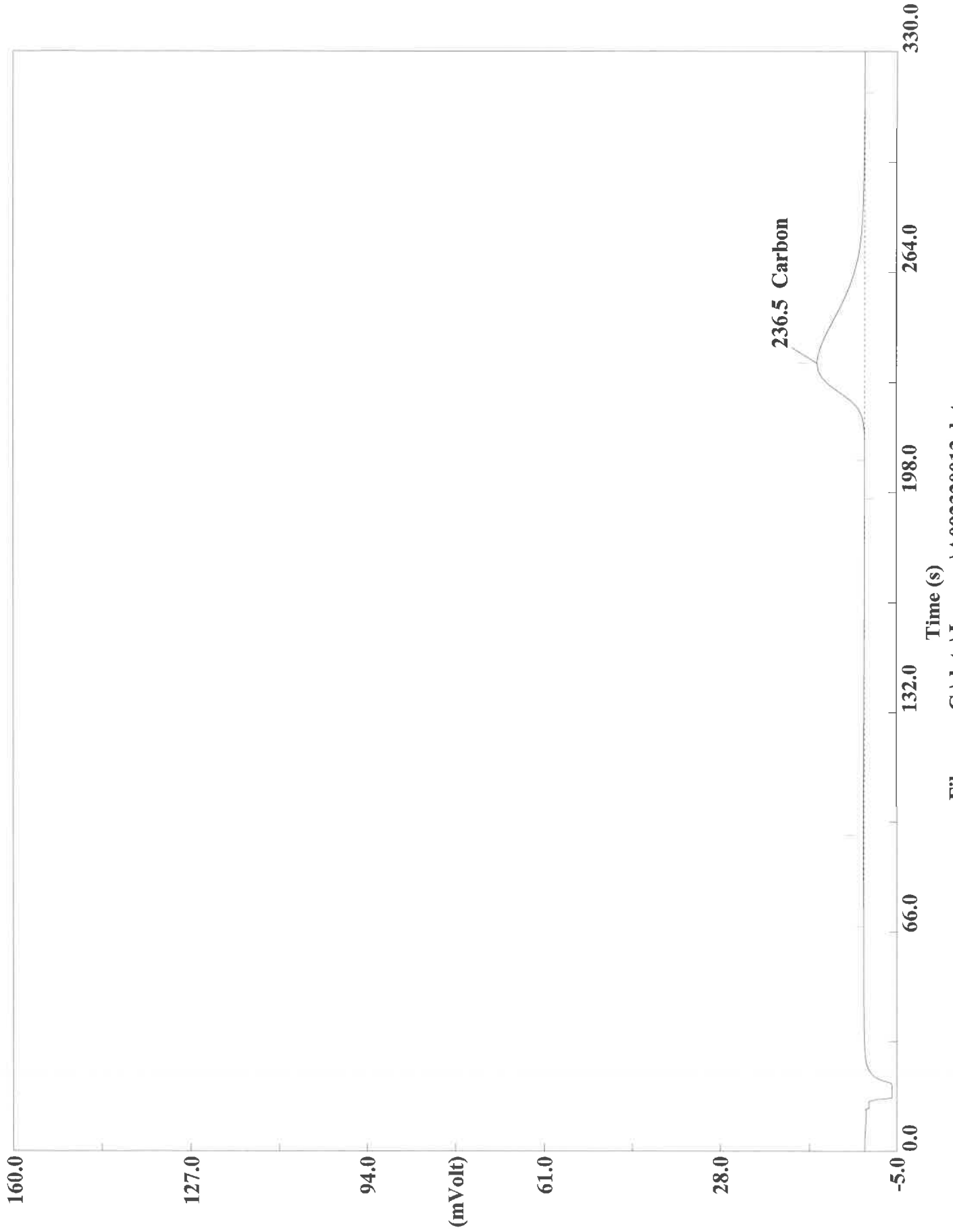
Page: 1 Sample: 10,000 KHP CT#3785364 (A092320012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:40 Printed : 9/23/2020 14:46
Sample ID : 10,000 KHP CT#3785364 (# 7)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	242	1048607	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320013.dat
Sample name :25,000 KHP CT#3785363 Analysed :09/23/2020 14:46

Eager 300 Report

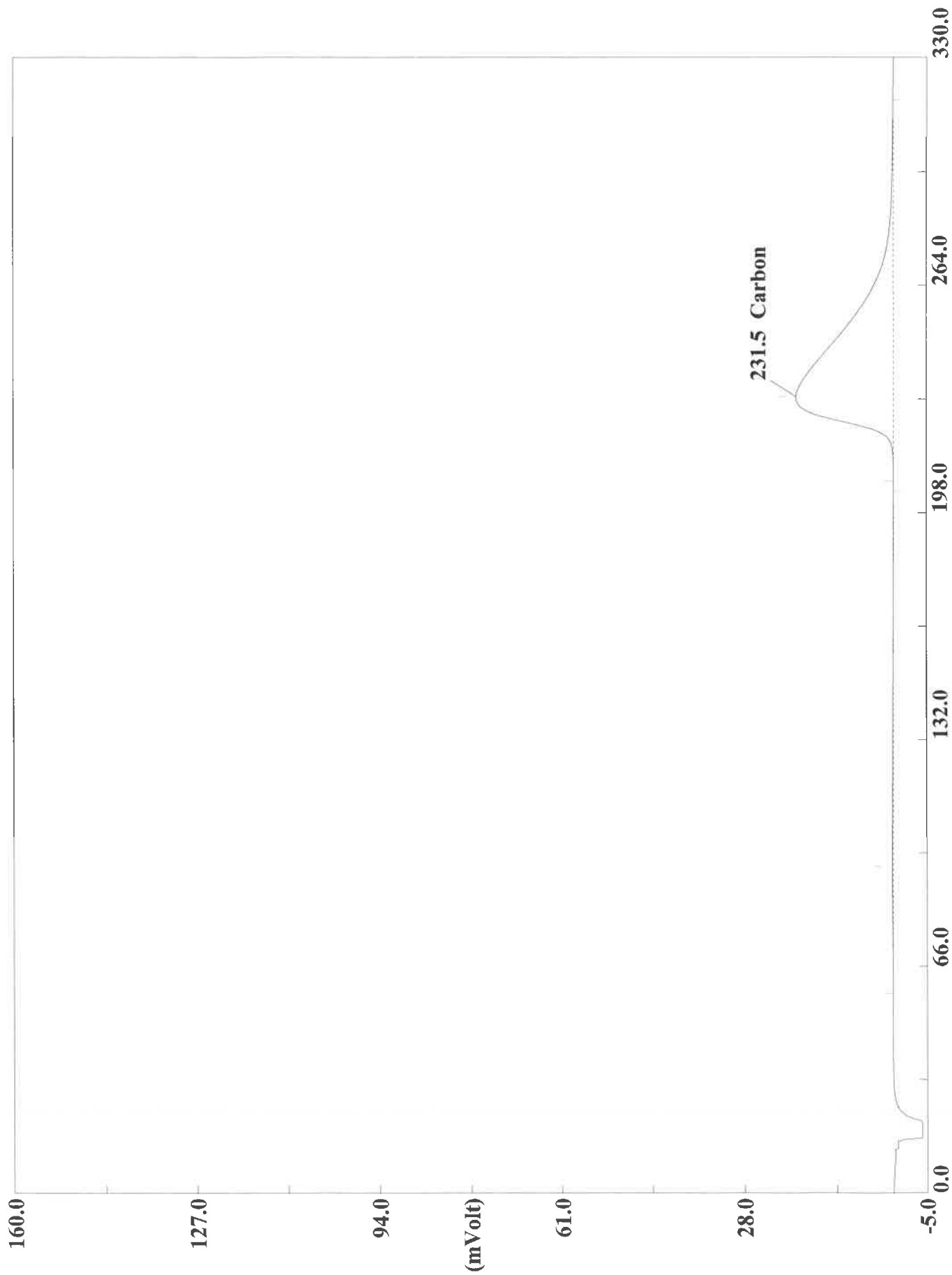
Page: 1 Sample: 25,000 KHP CT#3785363 (A092320013)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320013
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:46 Printed : 9/23/2020 14:51
Sample ID : 25,000 KHP CT#3785363 (# 8)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	237	2561375	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Time (s)

Filename C:\data\January\A092320014.dat

Sample name :50,000 KHP CT#3785363 Analysed :09/23/2020 14:51

Eager 300 Report

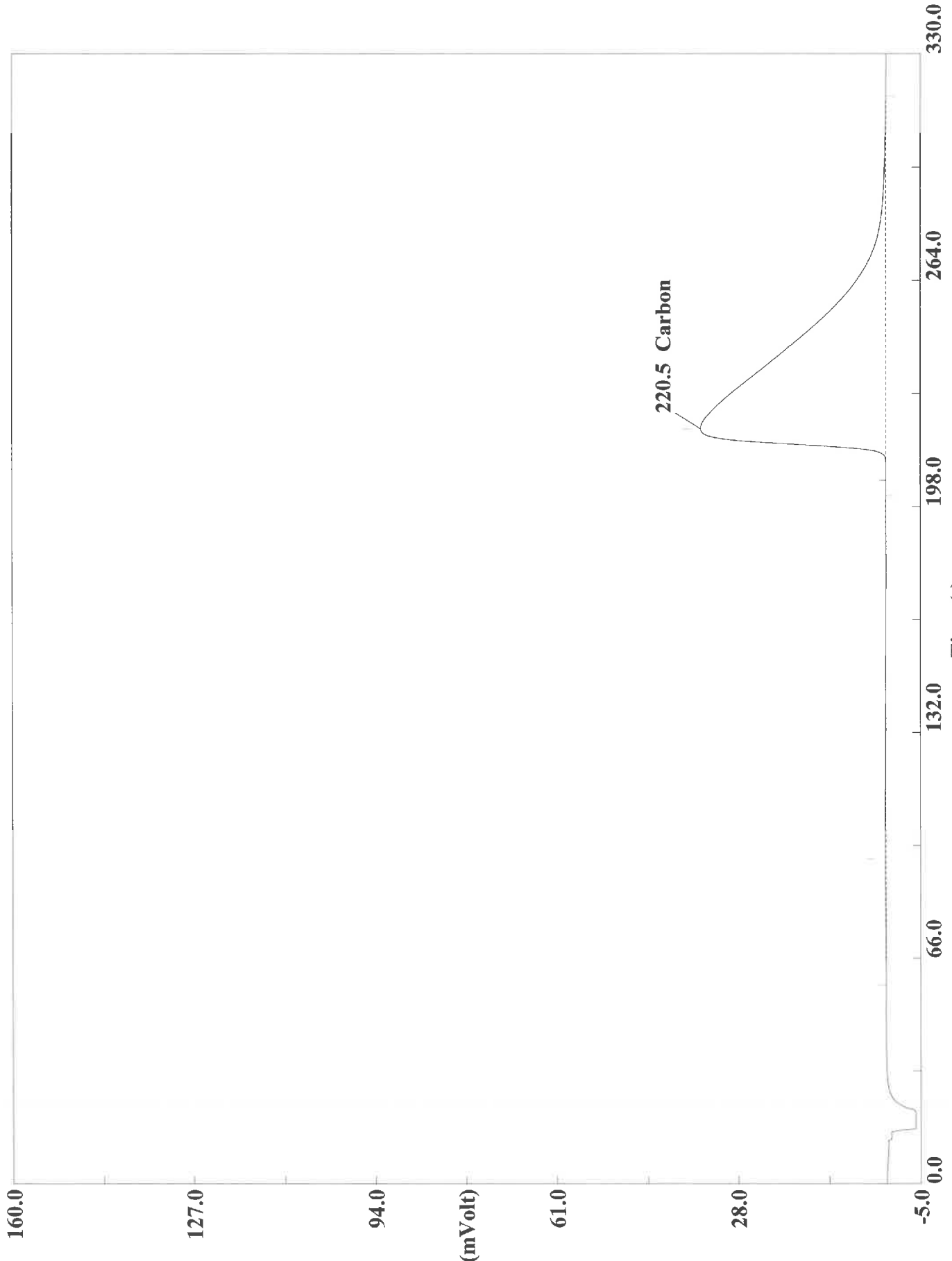
Page: 1 Sample: 50,000 KHP CT#3785363 (A092320014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:51 Printed : 9/23/2020 14:57
Sample ID : 50,000 KHP CT#3785363 (# 9)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	232	5128187	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320015.dat
Sample name : 100,000 KHP CT#3785363 Analysed : 09/23/2020 14:57

Eager 300 Report

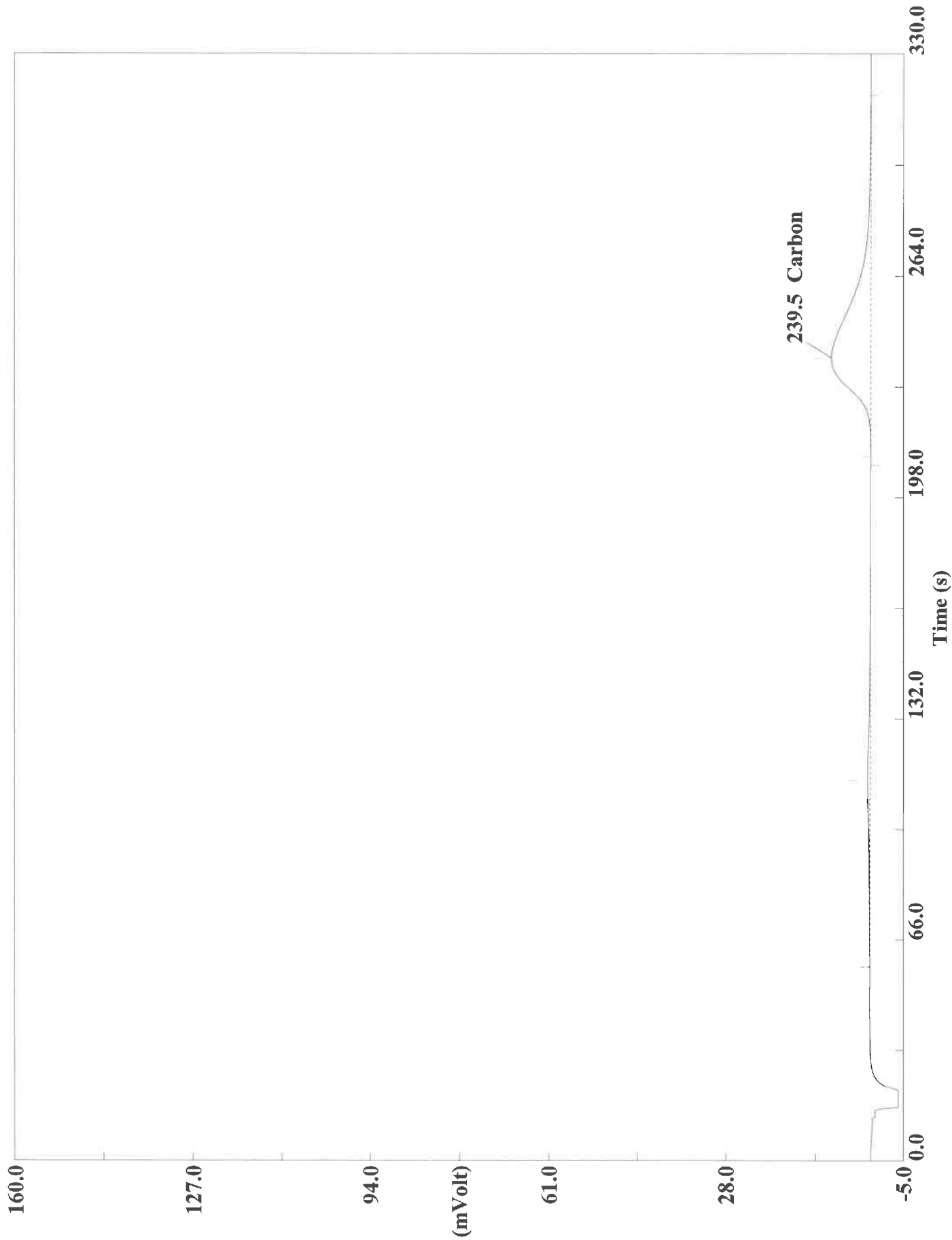
Page: 1 Sample: 100,000 KHP CT#3785363 (A092320015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:57 Printed : 9/23/2020 15:03
Sample ID : 100,000 KHP CT#3785363 (# 10)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	221	10456420	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320016.dat

Sample name :ICV 37,810 KHP CT#3742673 Analysed :09/23/2020 15:03

Eager 300 Report

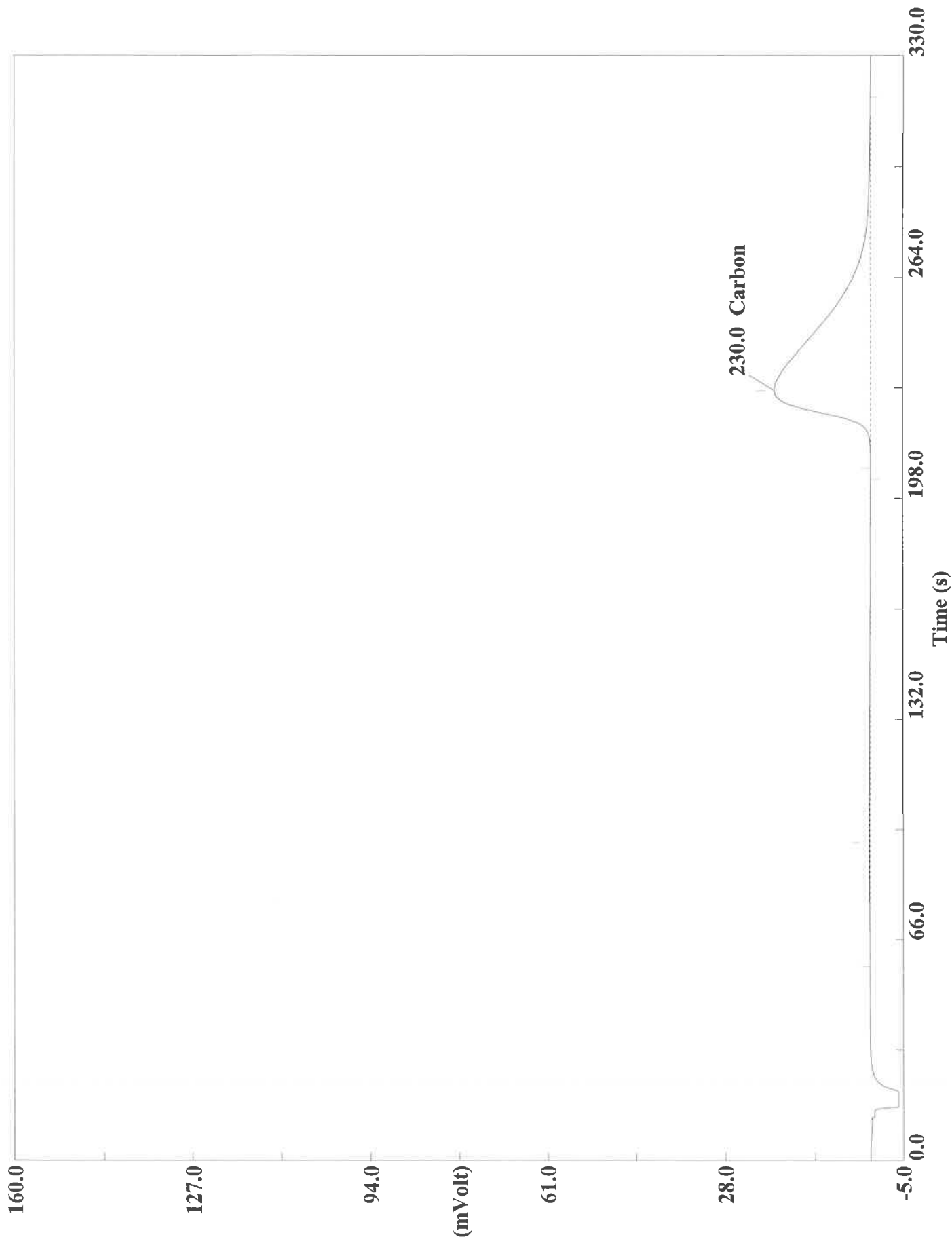
Page: 1 Sample: ICV 37,810 KHP CT#3742673 (A092320016)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320016
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:03 Printed : 9/23/2020 15:08
Sample ID : ICV 37,810 KHP CT#3742673 (# 11)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4865	240	2087987	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320017.dat
Sample name :CCV Analysed :09/23/2020 15:08

Eager 300 Report

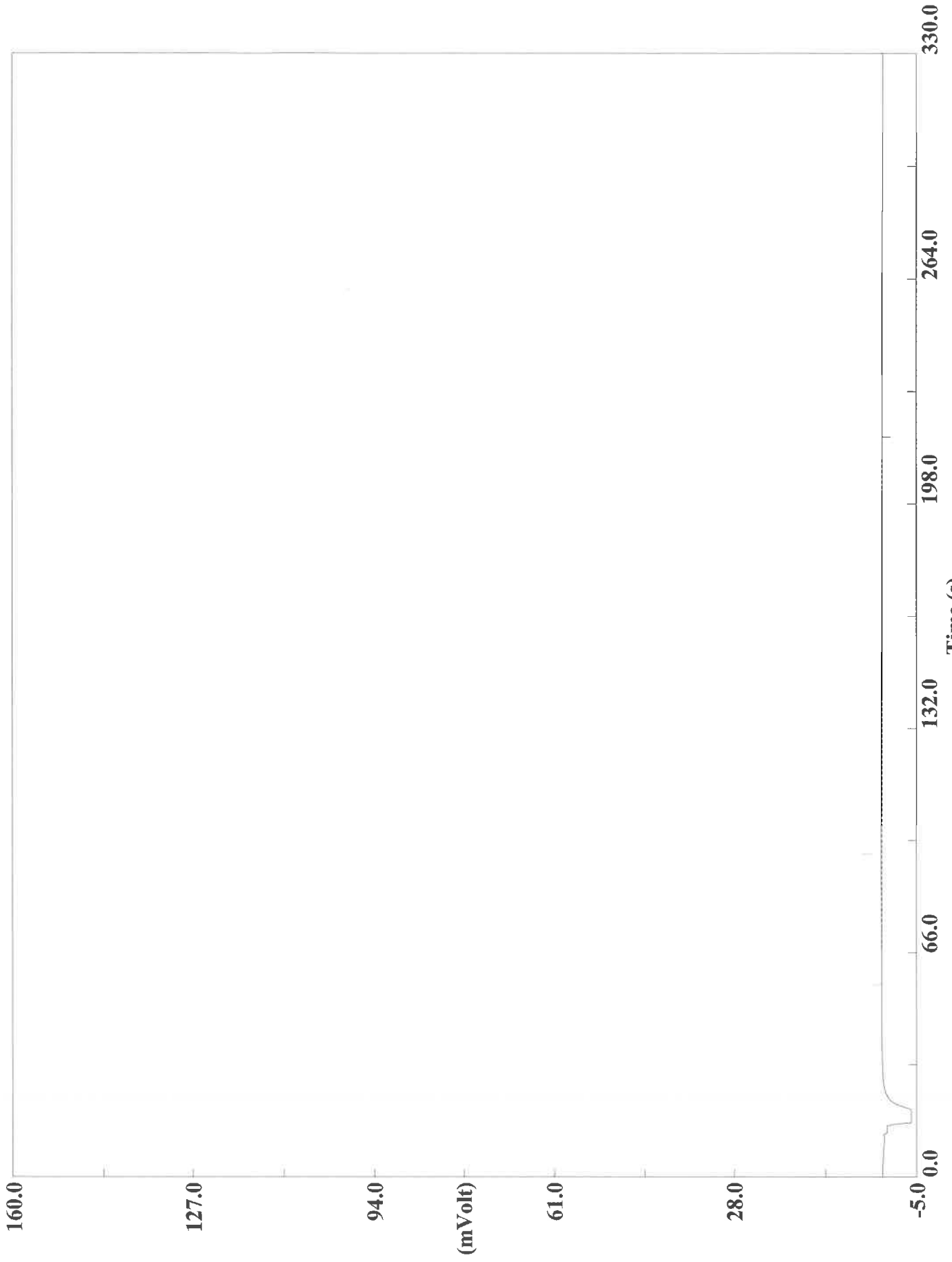
Page: 1 Sample: CCV (A092320017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:08 Printed : 9/23/2020 15:14
Sample ID : CCV (# 12)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9923	230	5157272	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320018.dat
Sample name :CCB Analysed :09/23/2020 15:14

Eager 300 Report

Page: 1 Sample: CCB (A092320018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:14 Printed : 9/23/2020 15:20
Sample ID : CCB (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092920A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 9/29/20 BATCH 331767

#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A092920001	Unk	1	0
13	CCV	A092920002	Unk	100	0
14	CCB	A092920003	Unk	20	0
15	MB	A092920004	Unk	22.3	0
16	MB	A092920005	Unk	21.9	0
17	LCS	A092920006	Unk	9.1	0
18	LCS	A092920007	Unk	12.8	0
19	180-111187-A-10	A092920008	Unk	19.5	0
20	180-111187-A-10	A092920009	Unk	23.2	0
21	Rinse	A092920010	Unk	1	0
22	180-111187-A-11	A092920011	Unk	20	0
23	180-111187-A-11	A092920012	Unk	24.3	0
24	Rinse	A092920013	Unk	1	0
25	180-111187-A-11 MS	A092920014	Unk	19.8	0
26	180-111187-A-11 MS	A092920015	Unk	21.5	0
27	Rinse	A092920016	Unk	1	0
28	180-111187-A-11 MSD	A092920017	Unk	19.2	0
29	180-111187-A-11 MSD	A092920018	Unk	23.5	0
30	Rinse	A092920019	Unk	1	0
31	180-111187-A-12	A092920020	Unk	19.8	0
32	180-111187-A-12	A092920021	Unk	21	0
33	Rinse	A092920022	Unk	1	0
34	CCV	A092920023	Unk	100	0
35	CCB	A092920024	Unk	20	0
36	180-111187-A-13	A092920025	Unk	20.1	0
37	180-111187-A-13	A092920026	Unk	20.8	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A092920027	Unk	1	0
39	180-111187-A-18	A092920028	Unk	20.3	0
40	180-111187-A-18	A092920029	Unk	19.8	0
41	Rinse	A092920030	Unk	1	0
42	180-111187-A-19	A092920031	Unk	24.9	0
43	180-111187-A-19	A092920032	Unk	24.4	0
44	Rinse	A092920033	Unk	1	0
45	180-111187-A-21	A092920034	Unk	23	0
46	180-111187-A-21	A092920035	Unk	21.4	0
47	Rinse	A092920036	Unk	1	0
48	180-111218-C-1	A092920037	Unk	23.2	0
49	180-111218-C-1	A092920038	Unk	21.3	0
50	Rinse	A092920039	Unk	1	0
51	180-111218-C-2	A092920040	Unk	24.3	0
52	180-111218-C-2	A092920041	Unk	21	0
53	Rinse	A092920042	Unk	1	0
54	CCV	A092920043	Unk	100	0
55	CCB	A092920044	Unk	20	0
56	180-111218-C-3	A092920045	Unk	20.9	0
57	180-111218-C-3	A092920046	Unk	20.2	0
58	Rinse	A092920047	Unk	1	0
59	180-111287-A-13	A092920048	Unk	17.7	0
60	180-111287-A-13	A092920049	Unk	17.9	0
61	Rinse	A092920050	Unk	1	0
62	180-111287-A-14	A092920051	Unk	22	0
63	180-111287-A-14	A092920052	Unk	23.9	0
64	Rinse	A092920053	Unk	1	0
65	180-111287-A-15	A092920054	Unk	22.4	0
66	180-111287-A-15	A092920055	Unk	23.2	0
67	Rinse	A092920056	Unk	1	0
68	180-111287-A-16	A092920057	Unk	23.8	0
69	180-111287-A-16	A092920058	Unk	21.5	0
70	Rinse	A092920059	Unk	1	0
71	180-111287-A-17	A092920060	Unk	22.9	0
72	180-111287-A-17	A092920061	Unk	22.3	0
73	Rinse	A092920062	Unk	1	0
74	CCV	A092920063	Unk	100	0
75	CCB	A092920064	Unk	20	0
76	180-111287-A-18	A092920065	Unk	21	0
77	180-111287-A-18	A092920066	Unk	22.3	0
78	Rinse	A092920067	Unk	1	0
79	180-111287-A-19	A092920068	Unk	17.8	0
80	180-111287-A-19	A092920069	Unk	21.1	0
81	Rinse	A092920070	Unk	1	0
82	180-111287-A-22	A092920071	Unk	20.7	0
83	180-111287-A-22	A092920072	Unk	21.7	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A092920073	Unk	1	0
85	180-111287-A-23	A092920074	Unk	22.9	0
86	180-111287-A-23	A092920075	Unk	23	0
87	Rinse	A092920076	Unk	1	0
88	180-111287-A-24	A092920077	Unk	21.2	0
89	180-111287-A-24	A092920078	Unk	20.2	0
90	Rinse	A092920079	Unk	1	0
91	CCV	A092920080	Unk	100	0
92	CCB	A092920081	Unk	20	0
93	MB	A092920082	Unk	20.4	0
94	MB	A092920083	Unk	25	0
95	LCS	A092920084	Unk	9.3	0
96	LCS	A092920085	Unk	10.3	0
97	180-111287-A-34	A092920086	Unk	24.8	0
98	180-111287-A-34	A092920087	Unk	24.6	0
99	Rinse	A092920088	Unk	1	0
100	180-111287-A-35	A092920089	Unk	24.7	0
101	180-111287-A-35	A092920090	Unk	19.1	0
102	Rinse	A092920091	Unk	1	0
103	180-111287-A-36	A092920092	Unk	22.1	0
104	180-111287-A-36	A092920093	Unk	21.8	0
105	Rinse	A092920094	Unk	1	0
106	460-218626-F-1	A092920095	Unk	18.1	0
107	460-218626-F-1	A092920096	Unk	17.2	0
108	Rinse	A092920097	Unk	1	0
109	460-218626-F-2	A092920098	Unk	24.5	0
110	460-218626-F-2	A092920099	Unk	22.5	0
111	Rinse	A092920100	Unk	1	0
112	CCV	A092920101	Unk	100	0
113	CCB	A092920102	Unk	20	0
114	460-218640-F-1	A092920103	Unk	27.1	0
115	460-218640-F-1	A092920104	Unk	27.7	0
116	Rinse	A092920105	Unk	1	0
117	460-218640-F-1 MS	A092920106	Unk	23.5	0
118	460-218640-F-1 MS	A092920107	Unk	28.9	0
119	Rinse	A092920108	Unk	1	0
120	460-218640-E-1 MSD	A092920109	Unk	27.1	0
121	460-218640-E-1 MSD	A092920110	Unk	24.8	0
122	Rinse	A092920111	Unk	1	0
123	460-218640-E-2	A092920112	Unk	16.3	0
124	460-218640-E-2	A092920113	Unk	17.6	0
125	Rinse	A092920114	Unk	1	0
126	460-218640-F-3	A092920115	Unk	23	0
127	460-218640-F-3	A092920116	Unk	30.7	0
128	Rinse	A092920117	Unk	1	0
129	460-218641-F-1	A092920118	Unk	22.2	0

#	Sample name	Filename	Type	Weight	Hum. %
130	460-218641-F-1	A092920119	Unk	20.2	0
131	Rinse	A092920120	Unk	1	0
132	CCV	A092920121	Unk	100	0
133	CCB	A092920122	Unk	20	0
134	460-218641-E-2	A092920123	Unk	21.4	0
135	460-218641-E-2	A092920124	Unk	19.3	0
136	Rinse	A092920125	Unk	1	0
137	460-218641-E-3	A092920126	Unk	21.3	0
138	460-218641-E-3	A092920127	Unk	18.5	0
139	Rinse	A092920128	Unk	1	0
140	460-218641-E-3MS	A092920129	Unk	20.7	0
141	460-218641-E-3MS	A092920130	Unk	24.1	0
142	Rinse	A092920131	Unk	1	0
143	460-218641-E-3MSD	A092920132	Unk	22.9	0
144	460-218641-E-3MSD	A092920133	Unk	24.4	0
145	Rinse	A092920134	Unk	1	0
146	460-218641-E-4	A092920135	Unk	21	0
147	460-218641-E-4	A092920136	Unk	17.6	0
148	Rinse	A092920137	Unk	1	0
149	CCV	A092920138	Unk	100	0
150	CCB	A092920139	Unk	20	0

Analyst: *Don Ferguson*

Date: *9/29/20*

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	22.3	
	MB	21.9	22.1
	LCS	9.1	
	LCS	12.8	10.95
180-111187-11	111187-11	20.0	
	-11	24.3	22.15
	111187-11MS	19.8+9.4	
	-11MS	21.5+9.5	20.65+9.45
	111187-11MSD	19.2+9.4	
	-11MSD	23.5+8.0	21.35+8.7
	MB	20.4	
	MB	25.0	22.7
	LCS	9.3	
	LCS	10.3	9.8
460-218460-1	218460-1	27.1	
	218460-1	27.7	27.4
	218460-1MS	23.5+9.8	
	-1MS	28.9+9.0	26.2+9.4
	218460-1MSD	27.1+13.1	
	-1MSD	24.8+8.7	25.95+10.9
460-218641-3	218641-3	21.3	
	-3	18.5	19.9
	218641-3MS	20.7+7.5	
	-3MS	24.1+12.5	22.4+10.0
	218641-3MSD	22.9+9.8	
	-3MSD	24.4+10.1	23.65+9.95

Lloyd Kahn %RPD Replicate Calculation Spreadsheet

BATCH 331767

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0		
	MB	0	0.000	#DIV/0!
	LCS	3.79651713		
	LCS	2.96586442	3.381	24.57
	180-111187-A-10	0.9731198		
	180-111187-A-10	0.43132097	0.702	77.16
	180-111187-A-11	0.2934258		
	180-111187-A-11	0.29116666	0.292	0.77
	180-111187-A-11 MS	1.98752153		
	180-111187-A-11 MS	1.68222821	1.835	16.64
	180-111187-A-11 MSD	2.28559589		
	180-111187-A-11 MSD	1.32947505	1.808	52.90
	180-111187-A-12	0.35215071		
	180-111187-A-12	0.30137837	0.327	15.54
	180-111187-A-13	0.1849052		
	180-111187-A-13	0.13045405	0.158	34.53
	180-111187-A-18	0.10405687		
	180-111187-A-18	0.09181388	0.098	12.50
	180-111187-A-19	0.07512931		
	180-111187-A-19	0.06788709	0.072	10.13
	180-111187-A-21	0.08030054		
	180-111187-A-21	0.0839979	0.082	4.50
	180-111218-C-1	1.41970932		
	180-111218-C-1	1.36077833	1.390	4.24
	180-111218-C-2	1.72709858		
	180-111218-C-2	1.62611938	1.677	6.02
	180-111218-C-3	1.46579432		
	180-111218-C-3	1.47248065	1.469	0.46
	180-111287-A-13	2.54177761		
	180-111287-A-13	2.96643853	2.754	15.42
	180-111287-A-14	2.92432952		
	180-111287-A-14	2.07613039	2.500	33.92
	180-111287-A-15	2.18419862		
	180-111287-A-15	1.86411655	2.024	15.81
	180-111287-A-16	0.92925125		
	180-111287-A-16	0.95227581	0.941	2.45
	180-111287-A-17	0.952344		
	180-111287-A-17	0.96601975	0.959	1.43
	180-111287-A-18	1.15990186		
	180-111287-A-18	1.23671114	1.198	6.41
	180-111287-A-19	2.19050431		
	180-111287-A-19	2.22214437	2.206	1.43
	180-111287-A-22	1.84412885		
	180-111287-A-22	2.55063486	2.197	32.15
	180-111287-A-23	2.25811481		
	180-111287-A-23	2.75360894	2.506	19.77
	180-111287-A-24	2.55157542		
	180-111287-A-24	2.87113285	2.711	11.79
	MB	0		
	MB	0	0.000	#DIV/0!

✓

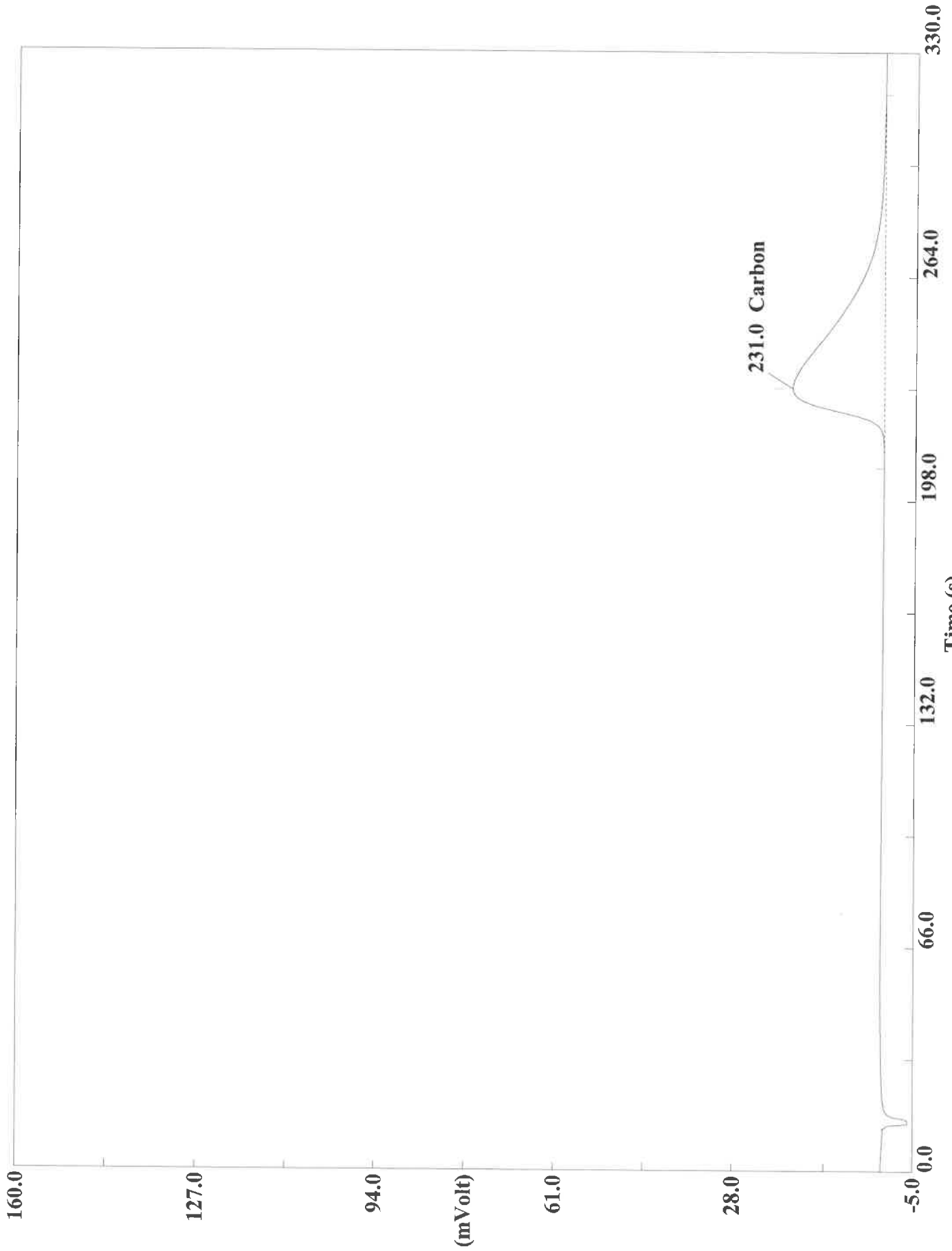
u/cm?

Lloyd Kahn %RPD Replicate Calculation Spreadsheet

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	LCS	3.92538381		
	LCS	4.2236352	4.075	7.32
	180-111287-A-34	0.68006092		
	180-111287-A-34	0.67574352	0.678	0.64
	180-111287-A-35	0.4298819		
	180-111287-A-35	0.59552902	0.513	32.31
	180-111287-A-36	0.43974087		
	180-111287-A-36	0.43286297	0.436	1.58
	460-218626-F-1	1.70225251		
	460-218626-F-1	1.68701661	1.695	0.90
	460-218626-F-2	1.40834475		
	460-218626-F-2	1.48263109	1.445	5.14
	460-218640-F-1	0		
	460-218640-F-1	0	0.000	#DIV/0!
	460-218640-F-1 MS	1.66630256		
	460-218640-F-1 MS	1.47785819	1.572	11.99
	460-218640-E-1 MSD	1.84478617		
	460-218640-E-1 MSD	1.55876088	1.702	16.81
	460-218640-E-2	1.36317551		
	460-218640-E-2	1.45034552	1.407	6.20
	460-218640-F-3	0		
	460-218640-F-3	0	0.000	#DIV/0!
	460-218641-F-1	0.66947716		
	460-218641-F-1	0.58340812	0.626	13.74
	460-218641-E-2	3.33502531		
	460-218641-E-2	6.47131586	4.903	63.96
	460-218641-E-3	0.52036774		
	460-218641-E-3	0.73393041	0.627	34.05
	460-218641-E-3MS	1.48189163		
	460-218641-E-3MS	1.94709003	1.714	27.13
	460-218641-E-3MSD	1.55684507		
	460-218641-E-3MSD	1.57432485	1.566	1.12
	460-218641-E-4	1.85043573		
	460-218641-E-4	1.83892441	1.845	0.62
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!
			#DIV/0!	#DIV/0!

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920002.DAT

Sample name :CCV Analysed :09/29/2020 12:57

Eager 300 Report

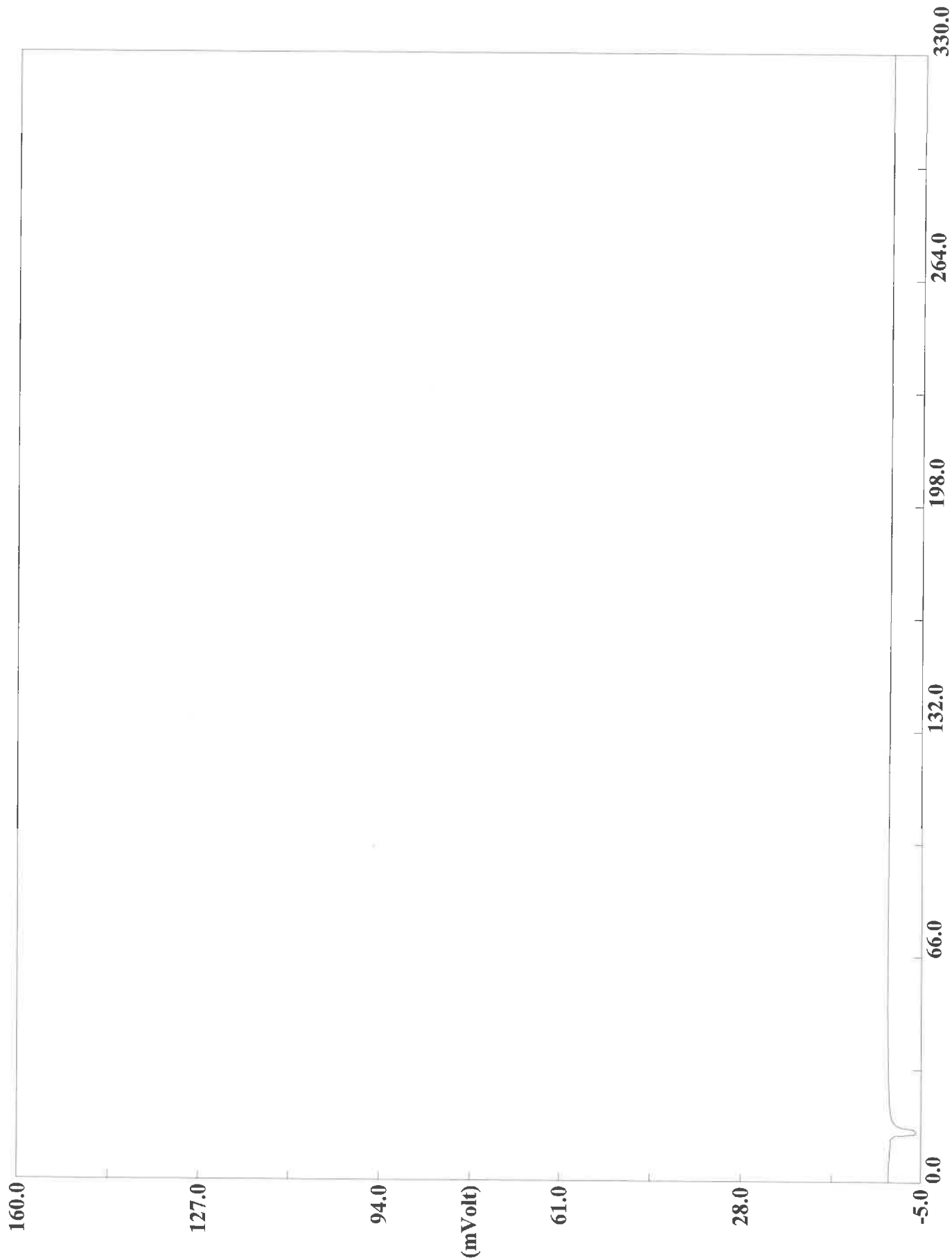
Page: 1 Sample: CCV (A092920002)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 12:57 Printed : 9/30/2020 06:59
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9706	231	5044052	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920003.DAT
Sample name :CCB Analysed :09/29/2020 13:03

Eager 300 Report

Page: 1 Sample: CCB (A092920003)

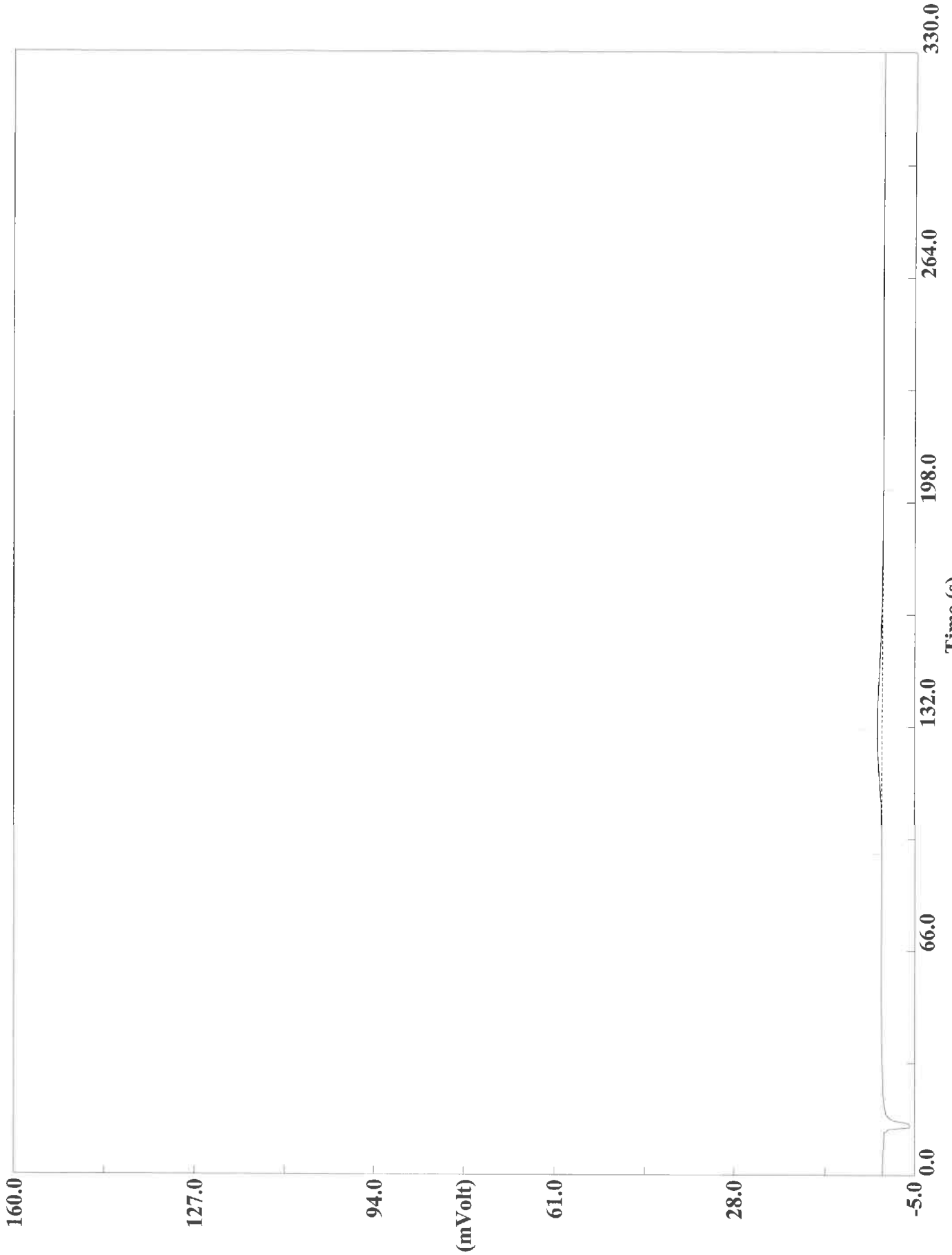
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:03 Printed : 9/30/2020 06:59
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920004.DAT
Sample name :MB Analysed :09/29/2020 13:25

Eager 300 Report

Page: 1 Sample: MB (A092920004)

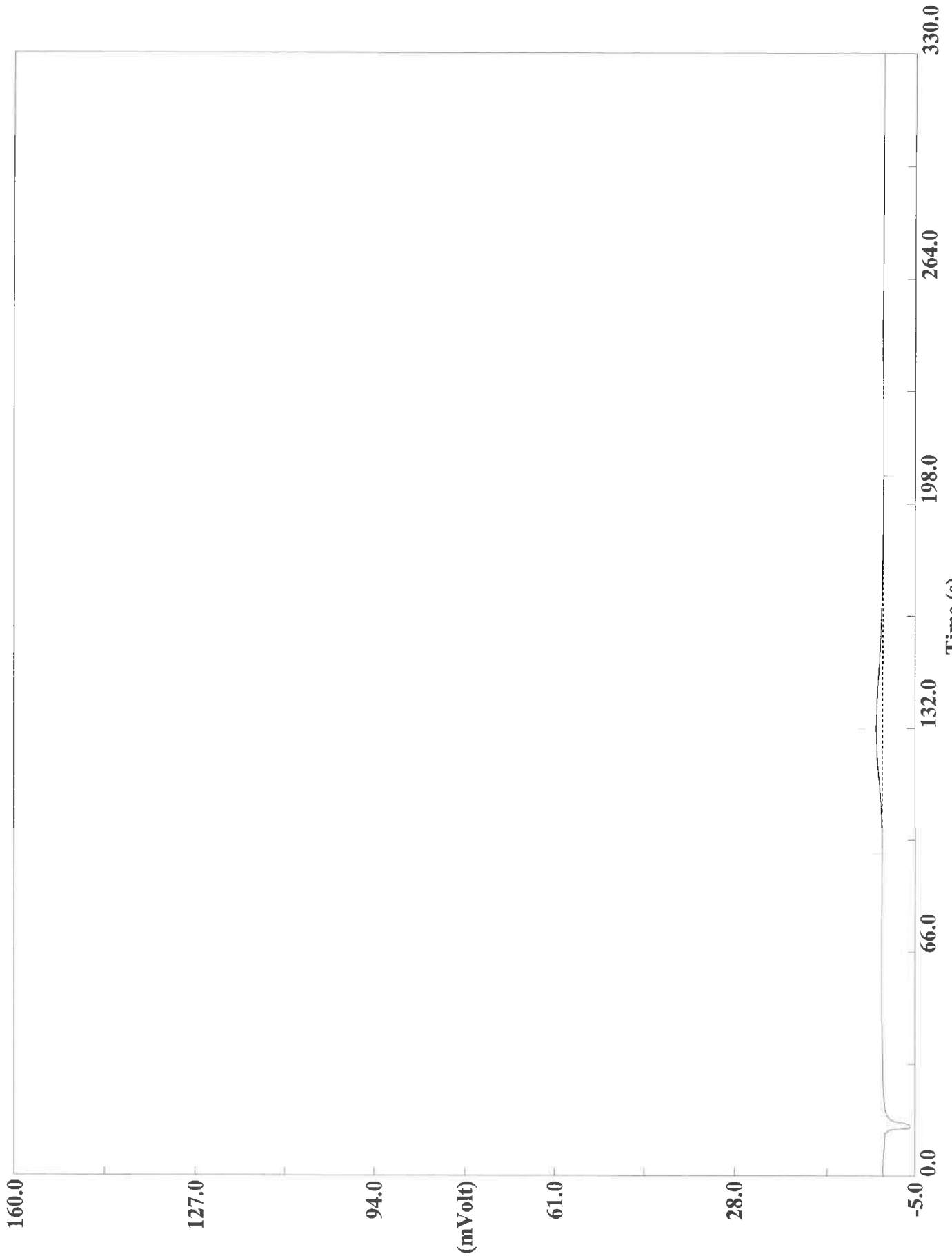
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:25 Printed : 9/30/2020 06:59
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920005.DAT
Sample name :MB Analyzed :09/29/2020 13:31

Eager 300 Report

Page: 1 Sample: MB (A092920005)

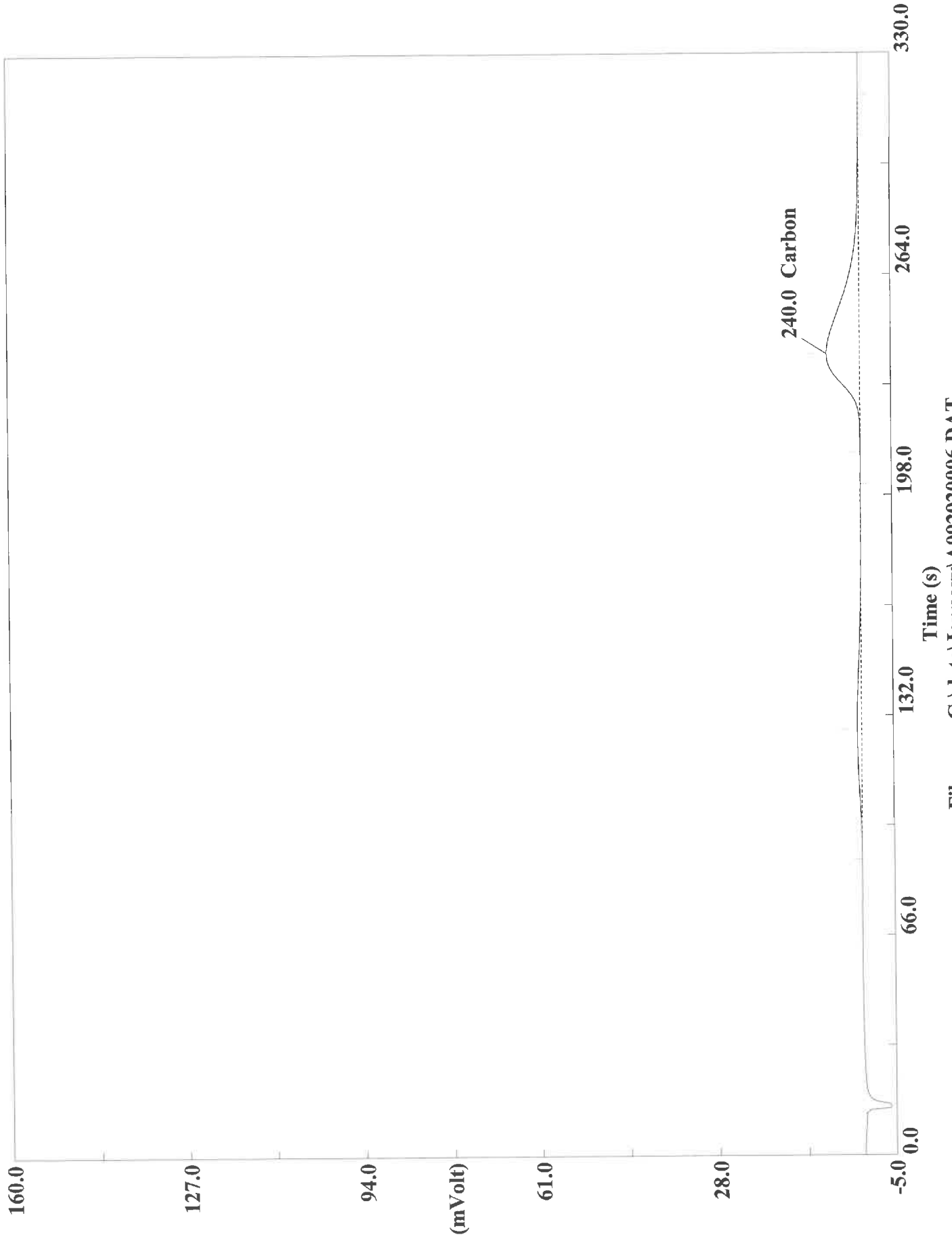
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:31 Printed : 9/30/2020 06:59
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.9

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920006.DAT
Sample name :LCS Analysed :09/29/2020 13:37

Eager 300 Report

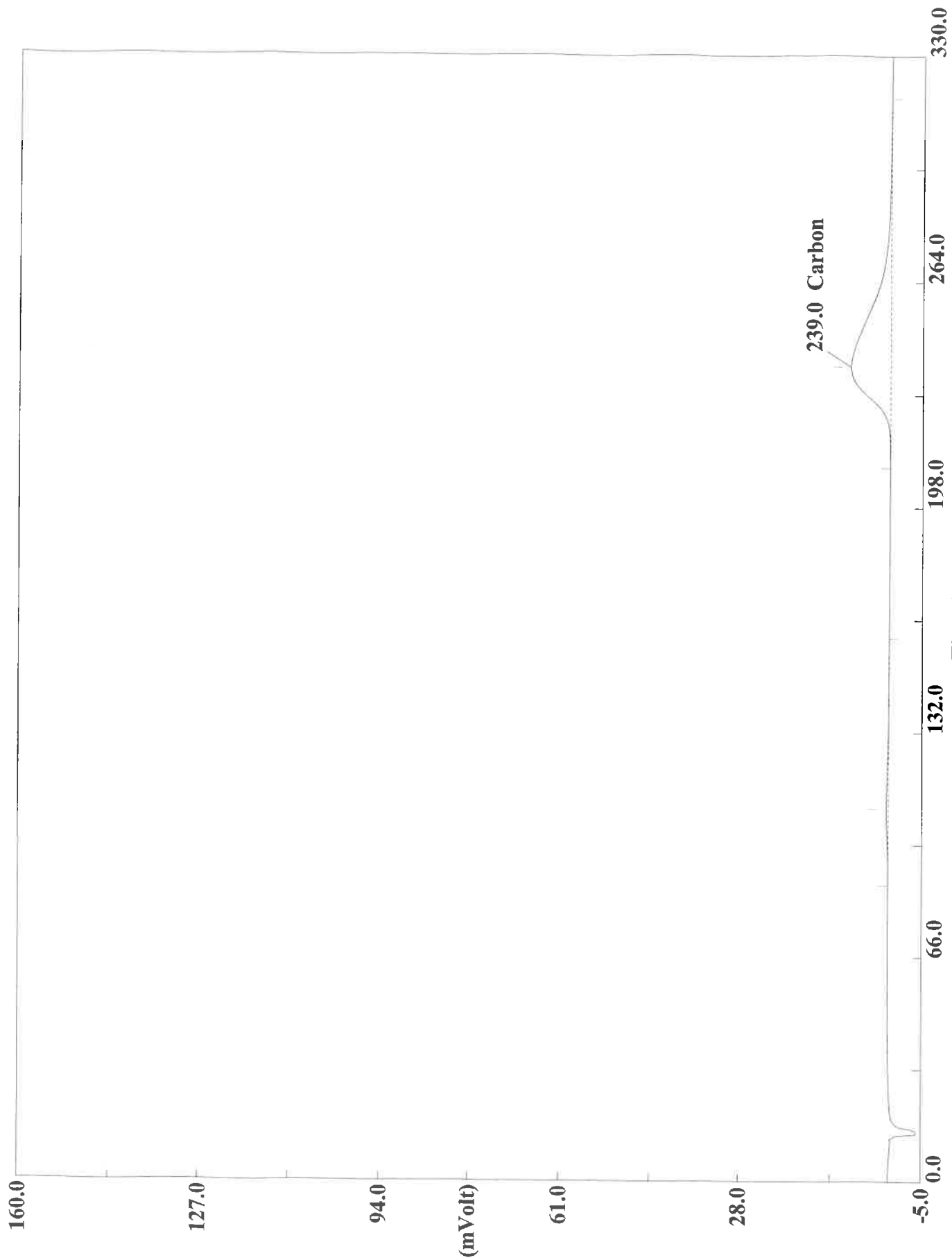
Page: 1 Sample: LCS (A092920006)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:37 Printed : 9/30/2020 06:59
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7965	240	1780227	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920007.DAT
Sample name: JCS Analyzed: 00/20/2020 13:42

Eager 300 Report

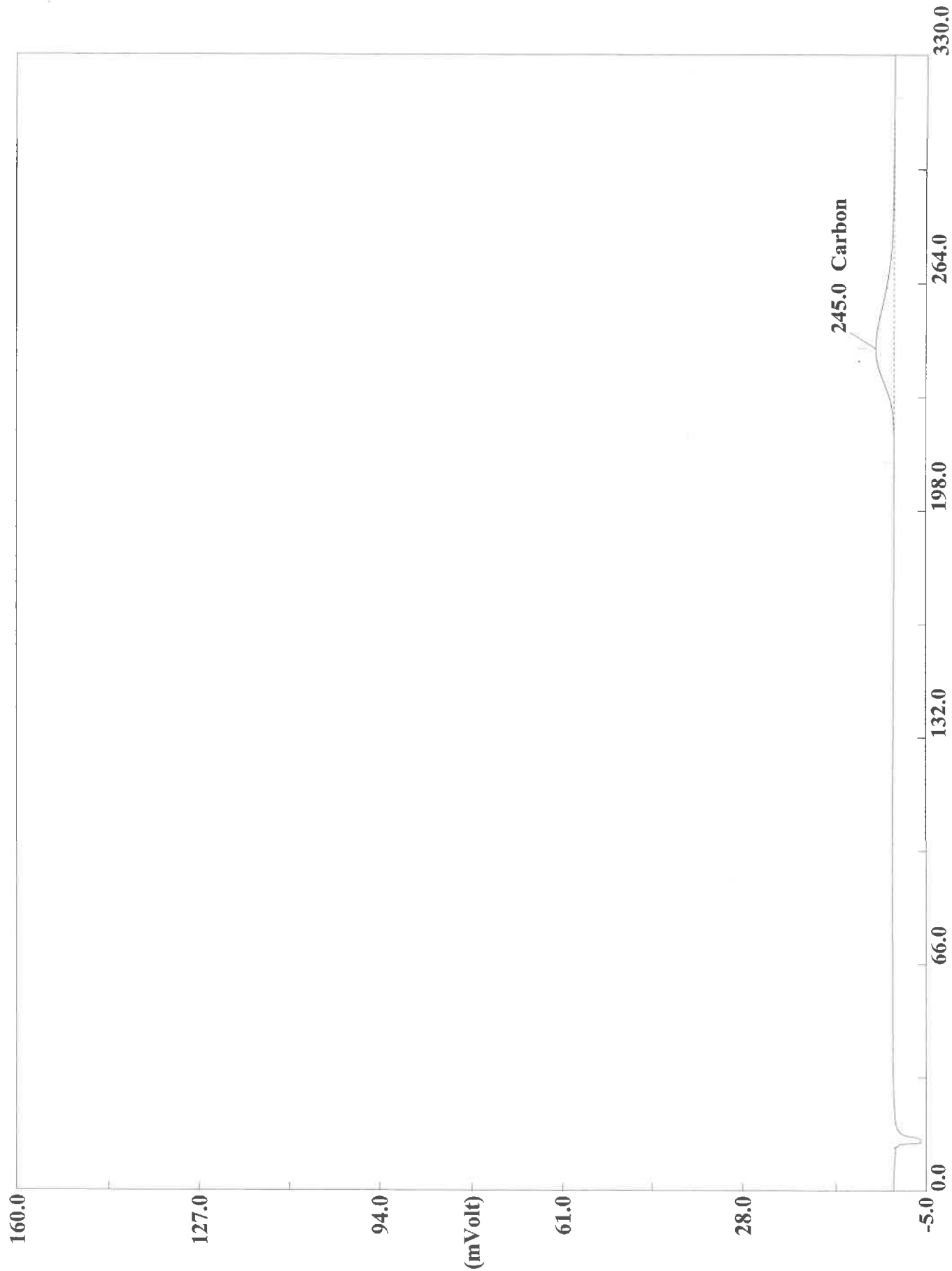
Page: 1 Sample: LCS (A092920007)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:42 Printed : 9/30/2020 06:59
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 12.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9659	239	1958515	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920008.DAT

Sample name : 180-111187-A-10 Analysed : 09/29/2020 13:48

Eager 300 Report

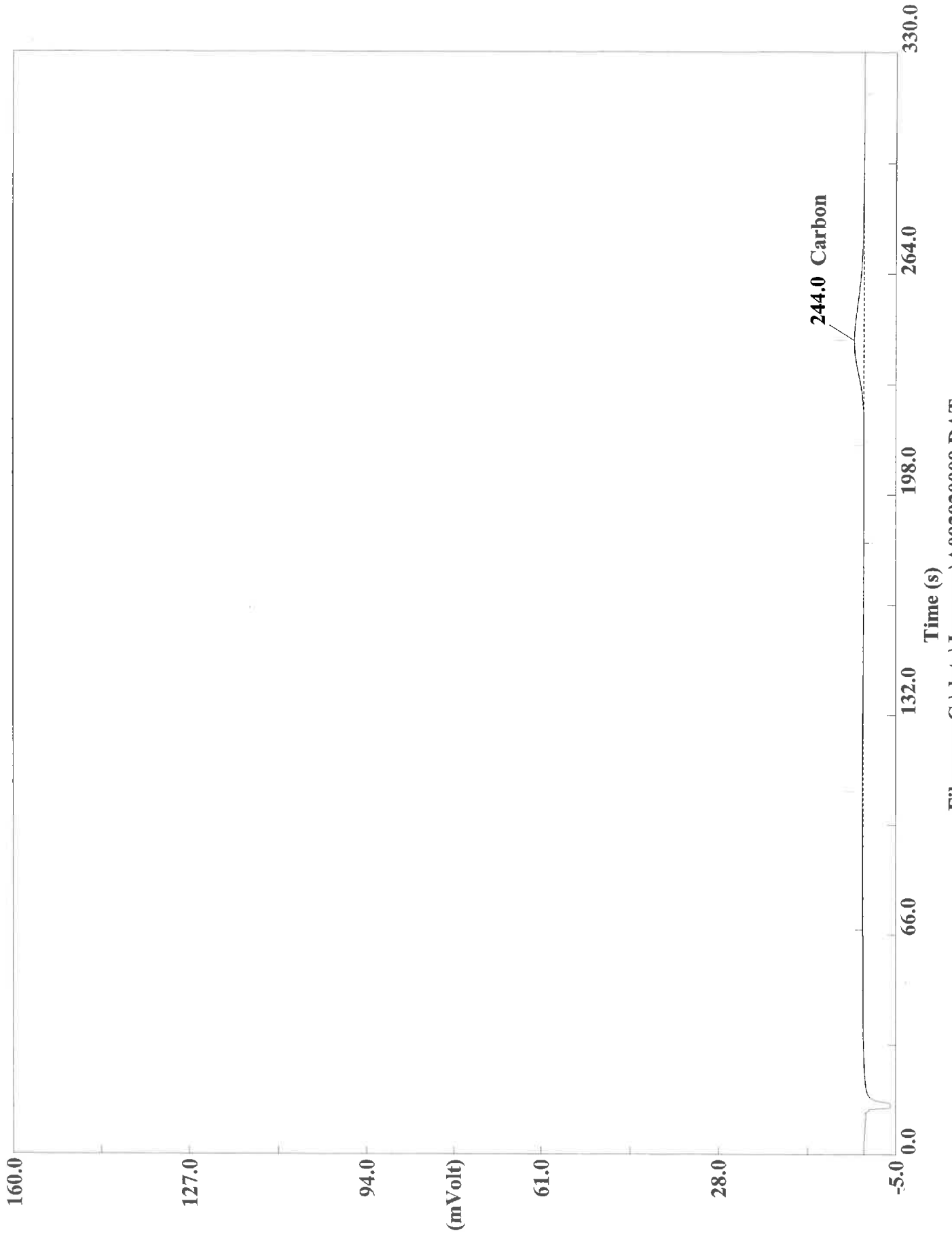
Page: 1 Sample: 180-111187-A-10 (A092920008)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:48 Printed : 9/30/2020 07:01
Sample ID : 180-111187-A-10 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9731	245	967173	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920009.DAT
Sample name '180-111187-A-10' Analysed :09/29/2020 13:53

Eager 300 Report

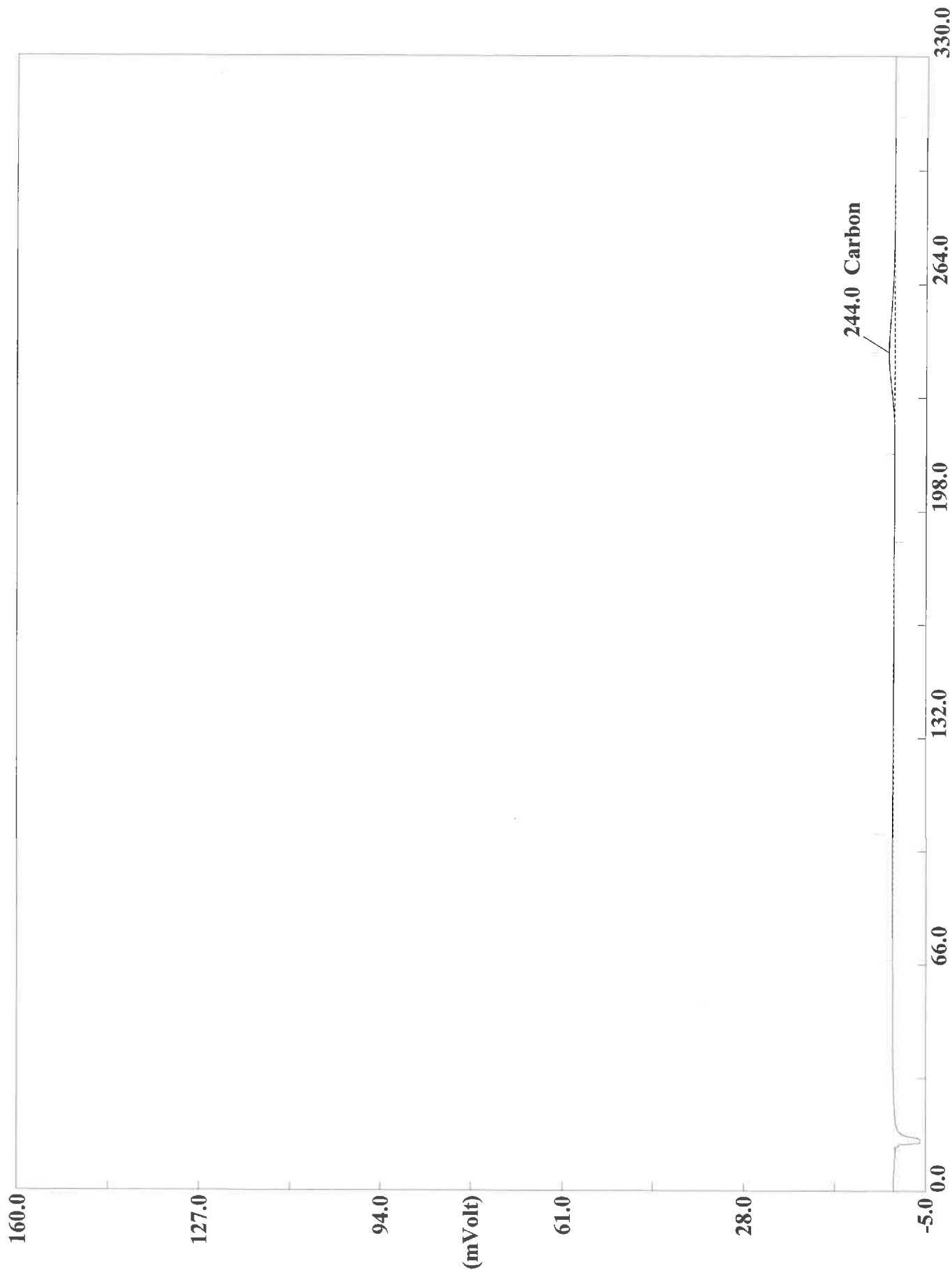
Page: 1 Sample: 180-111187-A-10 (A092920009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 13:53 Printed : 9/30/2020 07:01
Sample ID : 180-111187-A-10 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4313	244	498882	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920011.DAT

Sample name : 180-111187-A-11 Analysed : 09/29/2020 14:04

Eager 300 Report

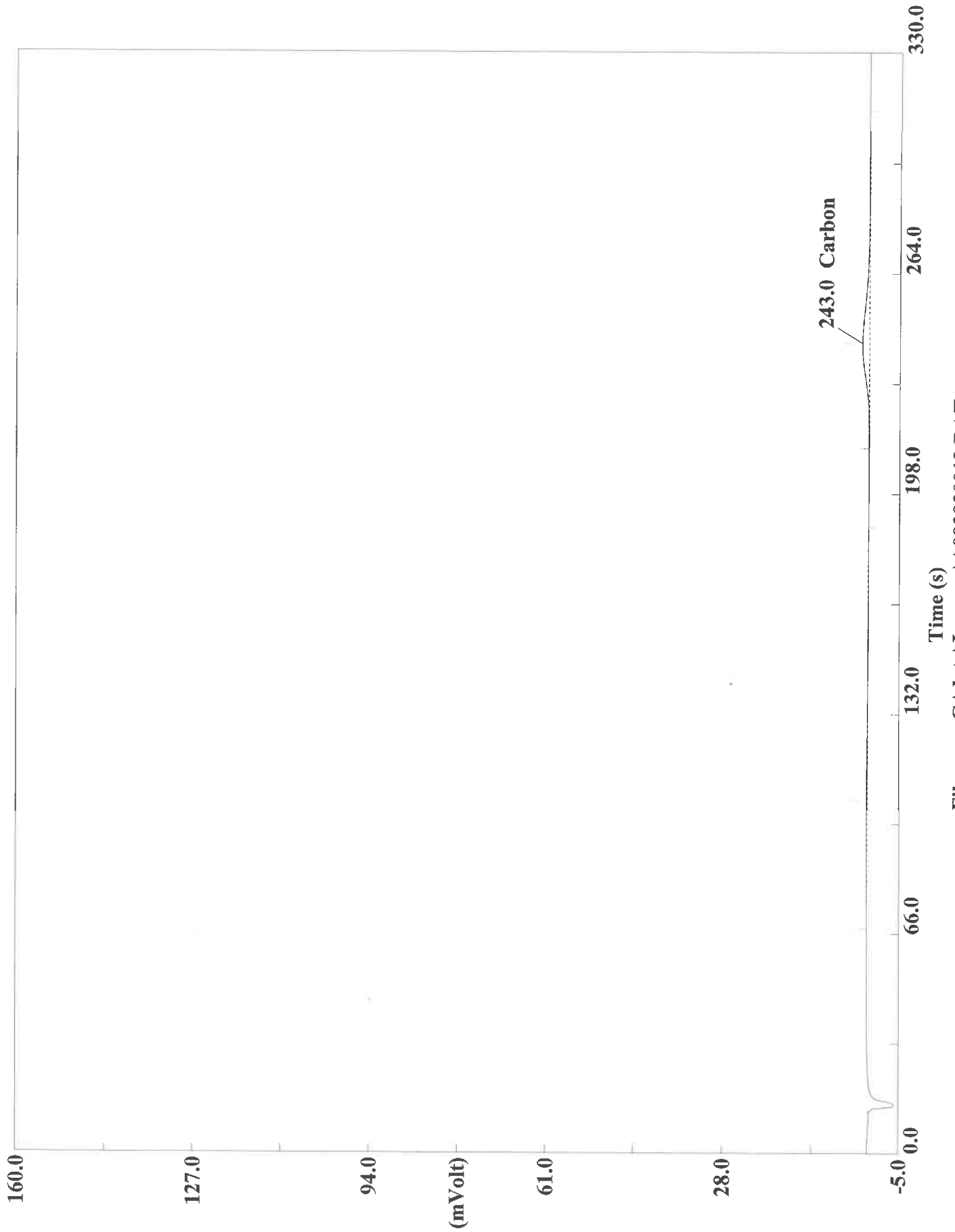
Page: 1 Sample: 180-111187-A-11 (A092920011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:04 Printed : 9/30/2020 07:01
Sample ID : 180-111187-A-11 (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2934	244	282826	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920012.DAT

Sample name : 180-111187-A-11 Analysed : 09/29/2020 14:10

Eager 300 Report

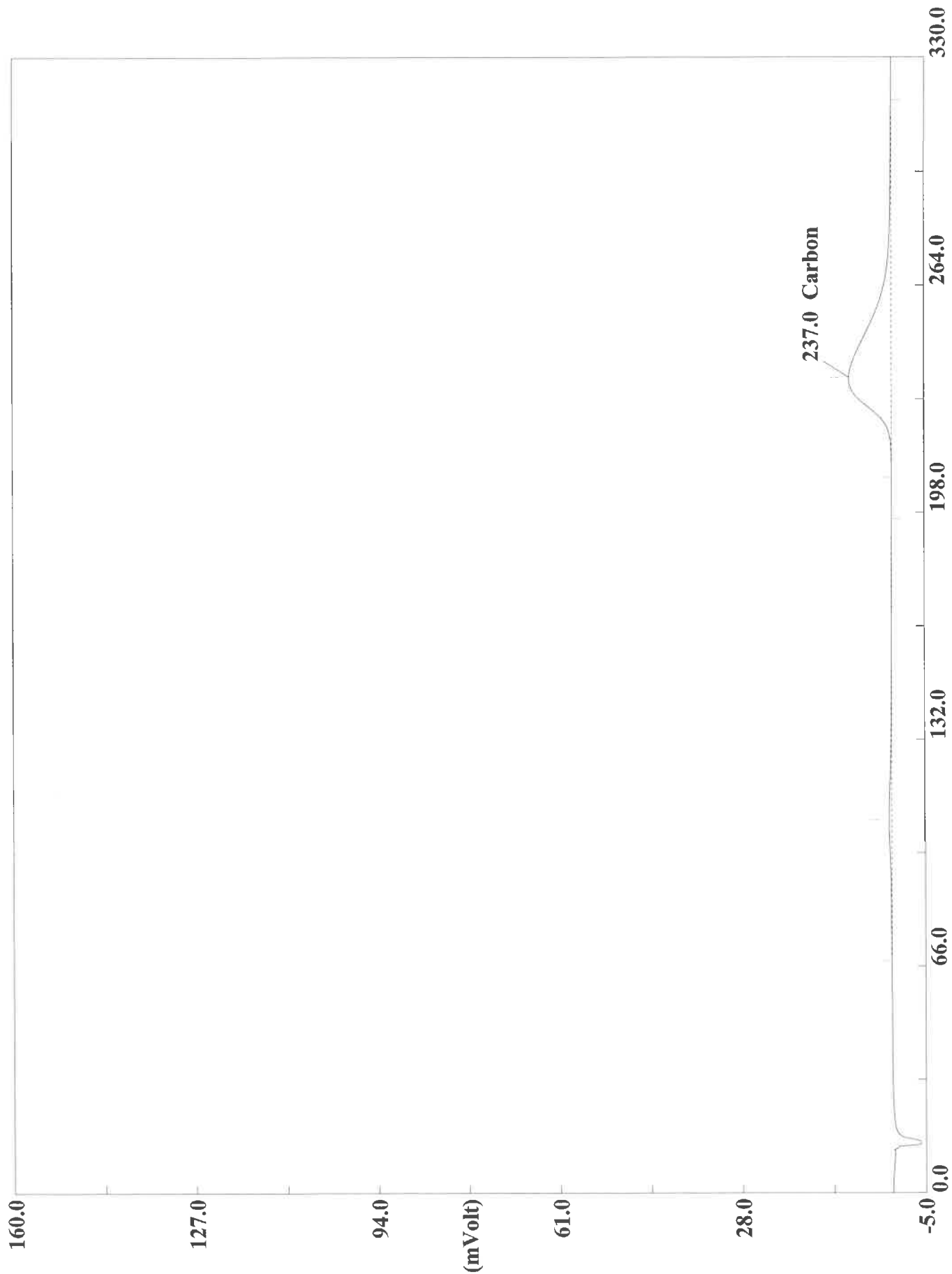
Page: 1 Sample: 180-111187-A-11 (A092920012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:10 Printed : 9/30/2020 07:01
Sample ID : 180-111187-A-11 (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2912	243	345836	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920014.DAT
Sample name :180-111187-A-11 MS Analysed :09/29/2020 14:21

Eager 300 Report

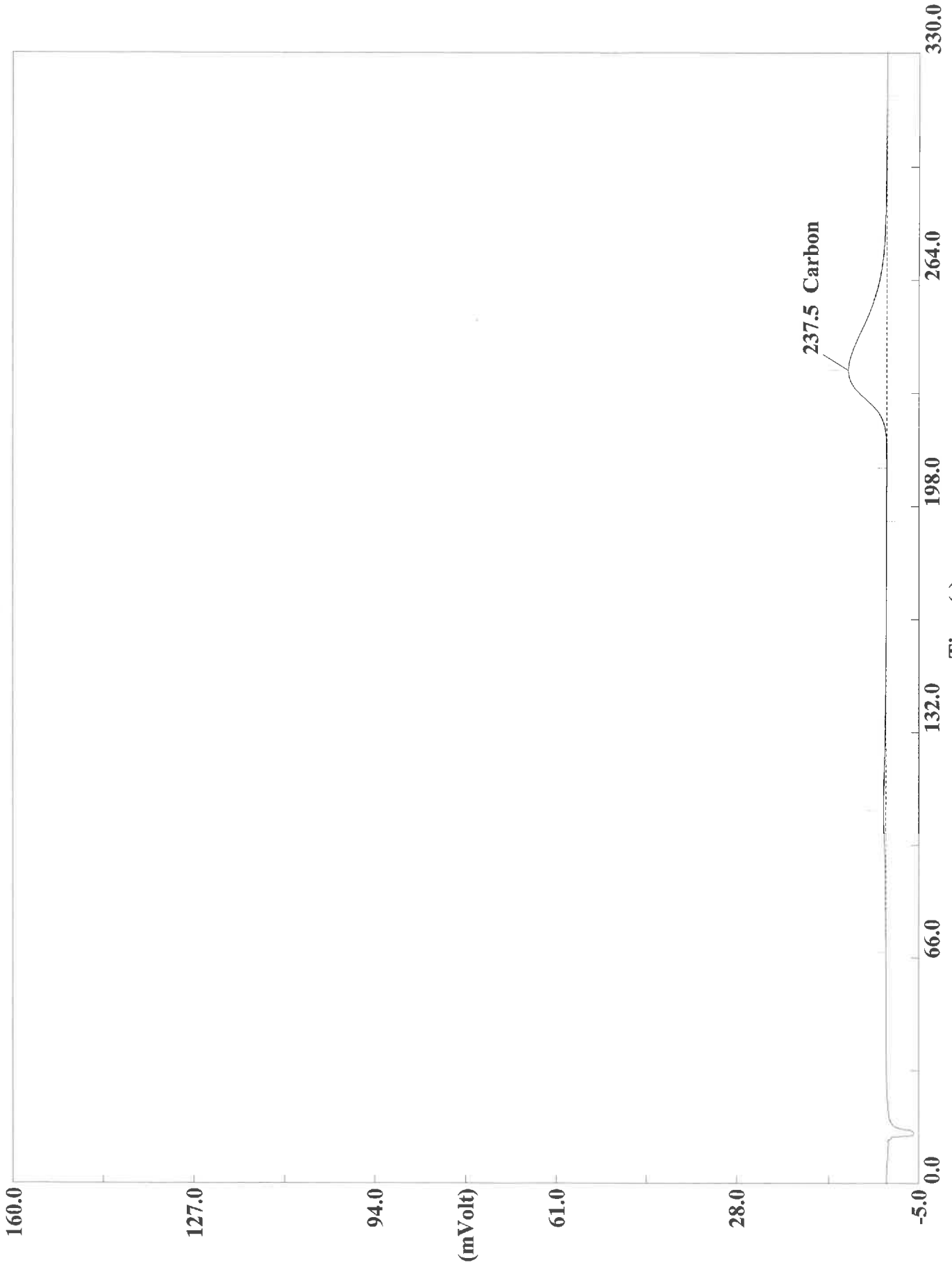
Page: 1 Sample: 180-111187-A-11 MS (A092920014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:21 Printed : 9/30/2020 07:02
Sample ID : 180-111187-A-11 MS (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9875	237	2031081	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920015.DAT

Sample name :180-111187-A-11 MS Analysed :09/29/2020 14:27

Eager 300 Report

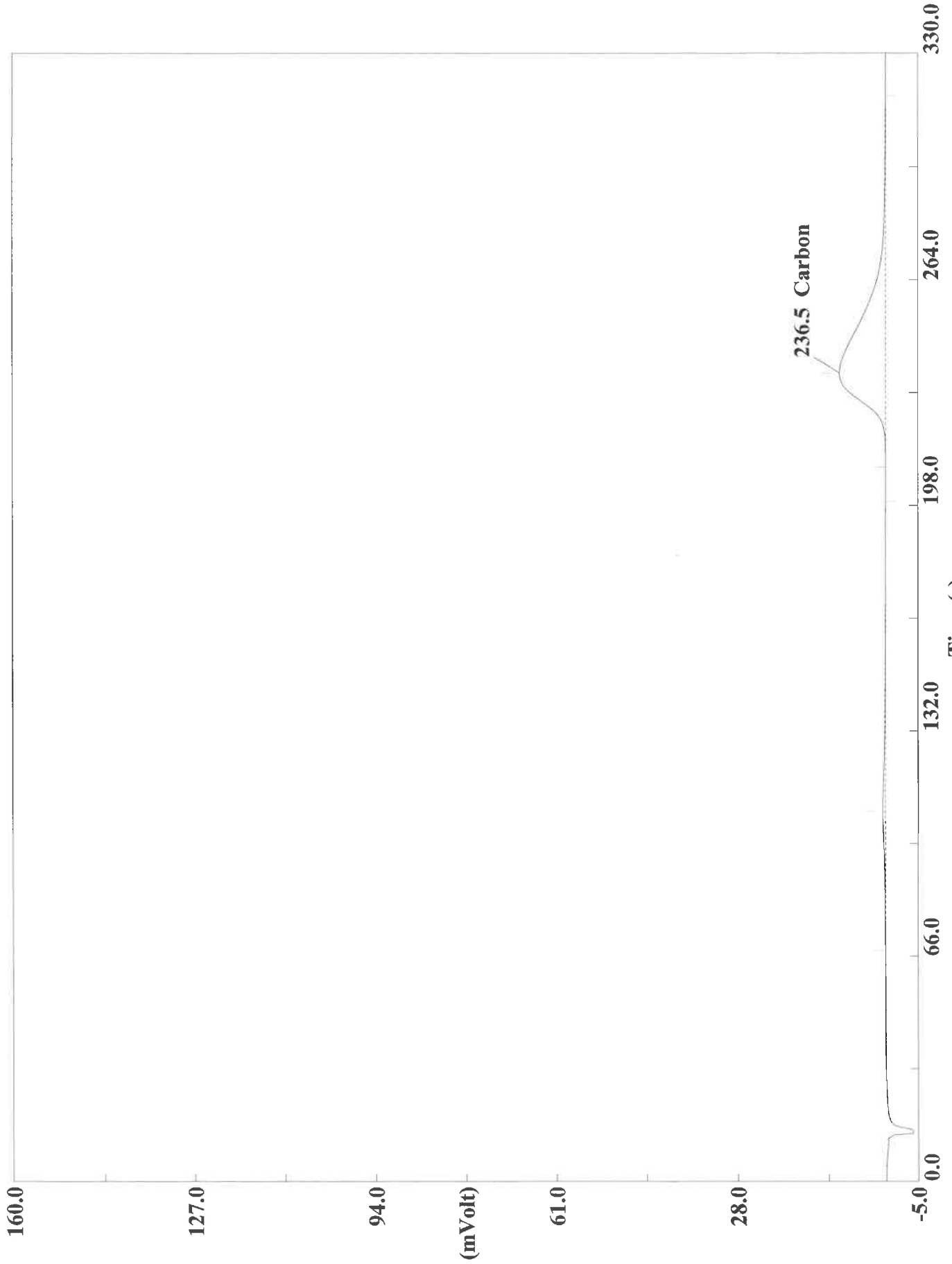
Page: 1 Sample: 180-111187-A-11 MS (A092920015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:27 Printed : 9/30/2020 07:02
Sample ID : 180-111187-A-11 MS (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6822	238	1864788	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920017.DAT
Sample name : 180-111187-A-11 MSD Analysed : 09/29/2020 14:38

Eager 300 Report

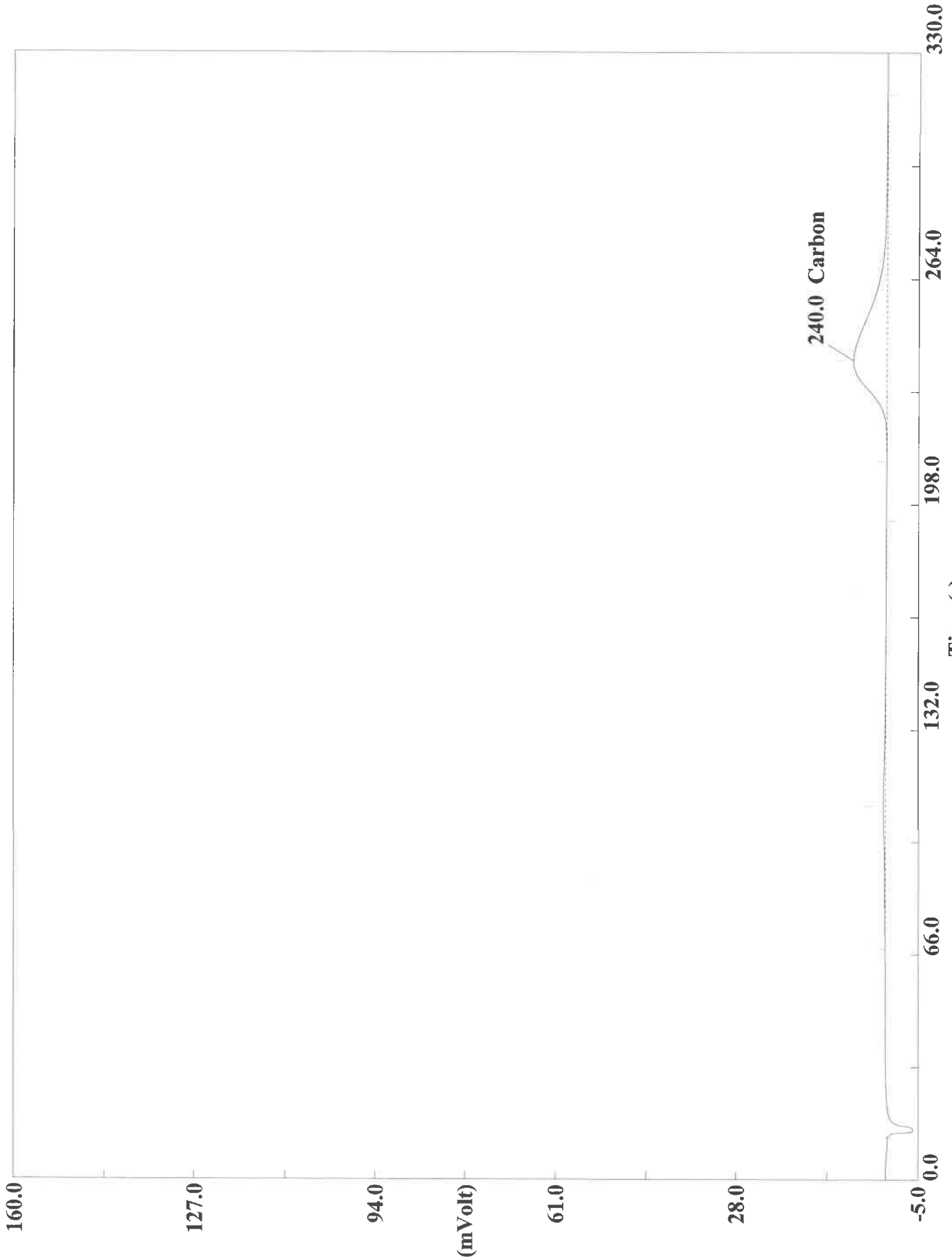
Page: 1 Sample: 180-111187-A-11 MSD (A092920017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:38 Printed : 9/30/2020 07:02
Sample ID : 180-111187-A-11 MSD (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2856	237	2267624	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920018.DAT

Sample name :180-111187-A-11 MSD Analysed :09/29/2020 14:44

Eager 300 Report

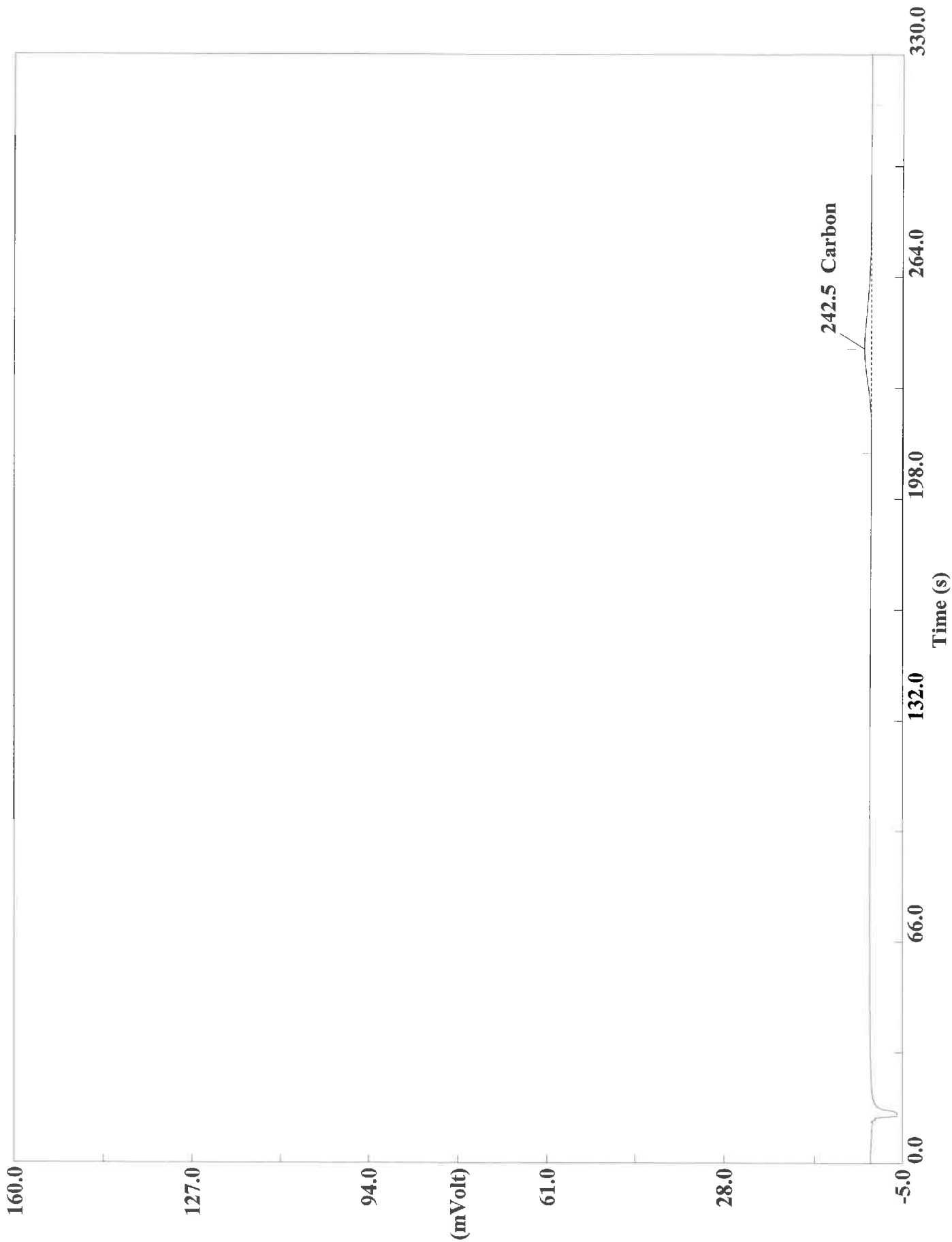
Page: 1 Sample: 180-111187-A-11 MSD (A092920018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:44 Printed : 9/30/2020 07:02
Sample ID : 180-111187-A-11 MSD (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3295	240	1607636	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920020.DAT

Sample name : 180-111187-A-12 Analysed : 09/29/2020 14:55

Eager 300 Report

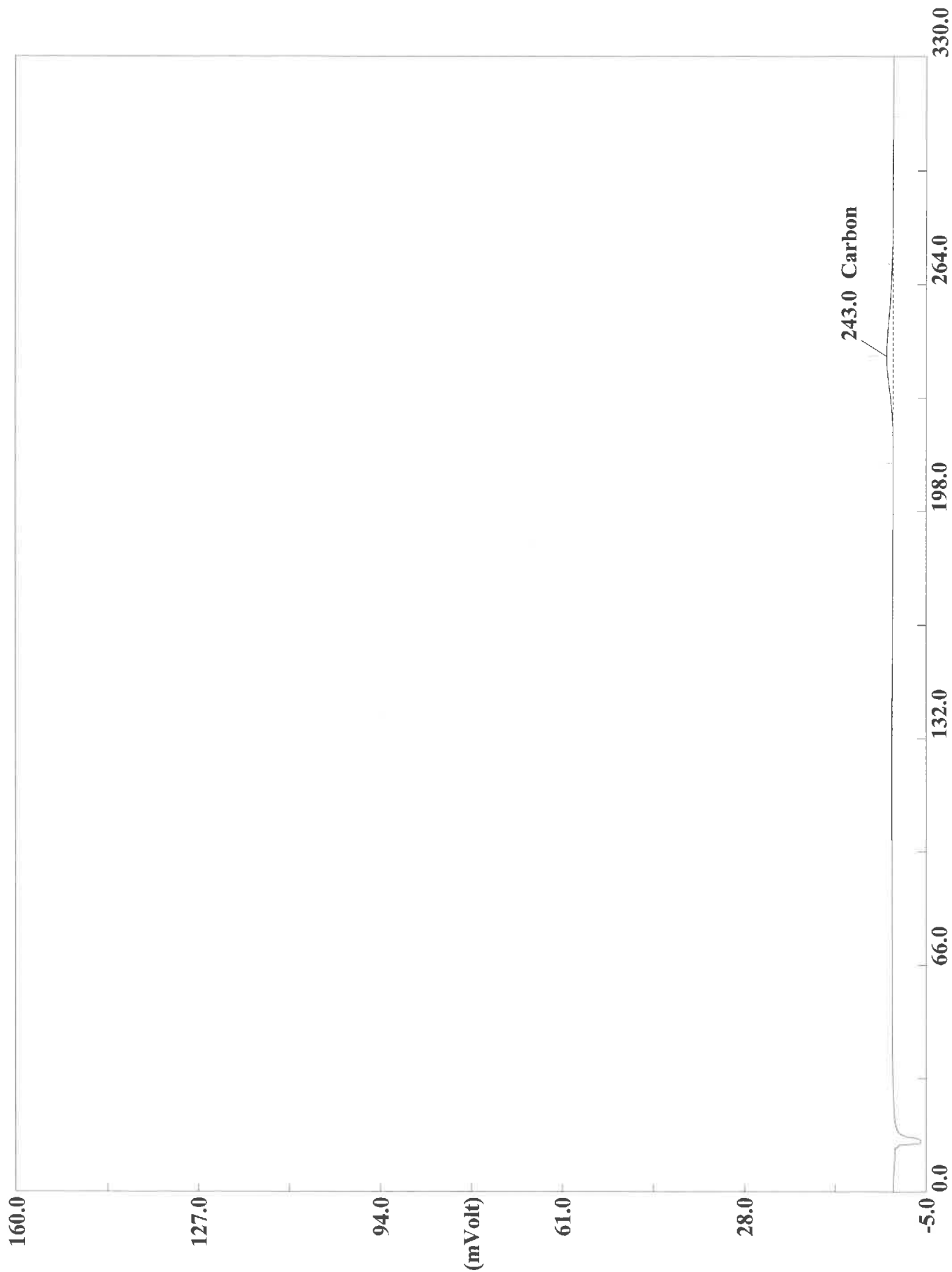
Page: 1 Sample: 180-111187-A-12 (A092920020)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 14:55 Printed : 9/30/2020 07:02
Sample ID : 180-111187-A-12 (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3522	243	340471	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920021.DAT
Sample name :180-111187-A-12 Analysed :09/29/2020 15:00

Eager 300 Report

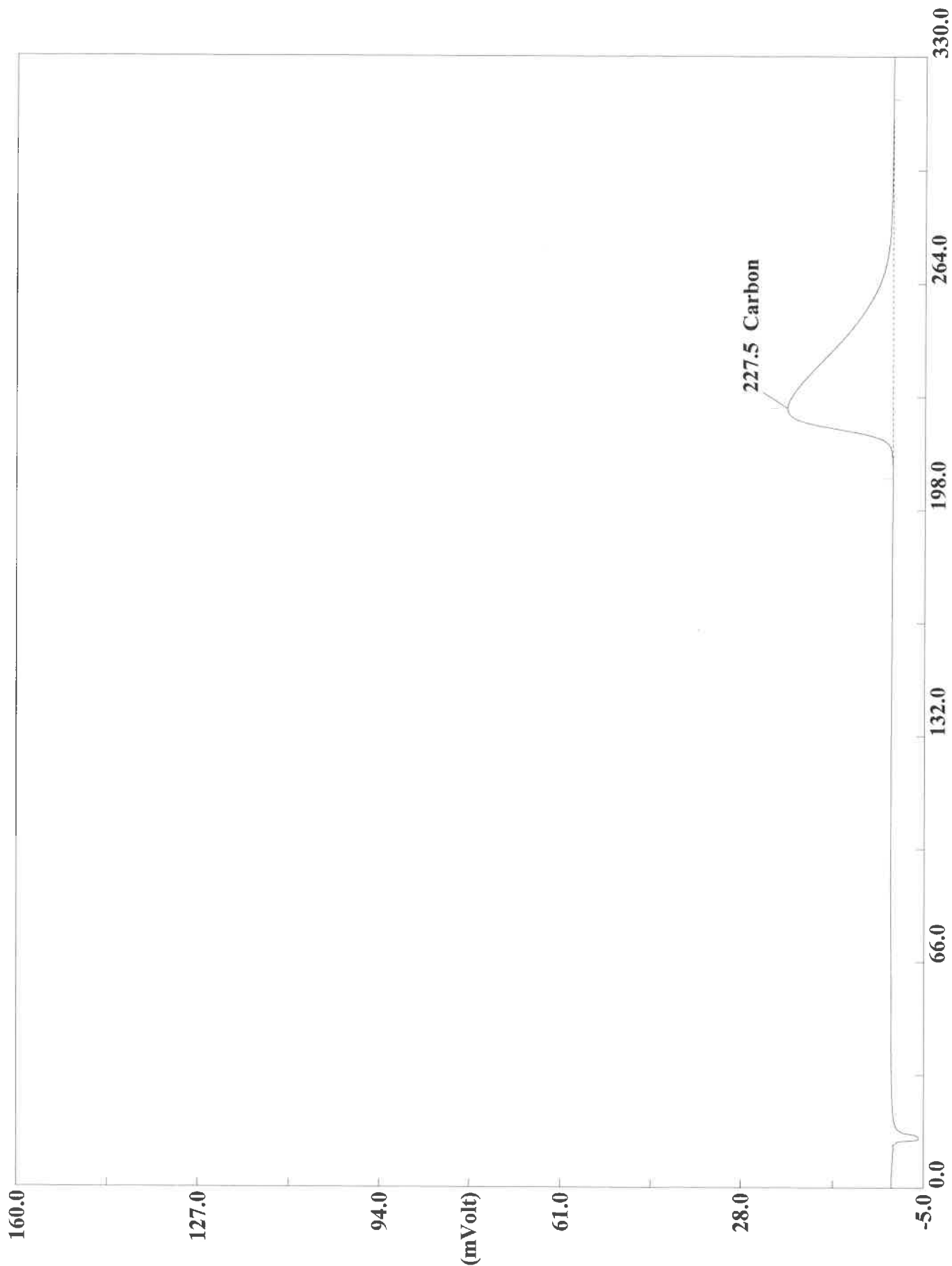
Page: 1 Sample: 180-111187-A-12 (A092920021)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:00 Printed : 9/30/2020 07:03
Sample ID : 180-111187-A-12 (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3014	243	306866	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920023.DAT
Sample name :CCV Analysed :09/29/2020 15:11

Eager 300 Report

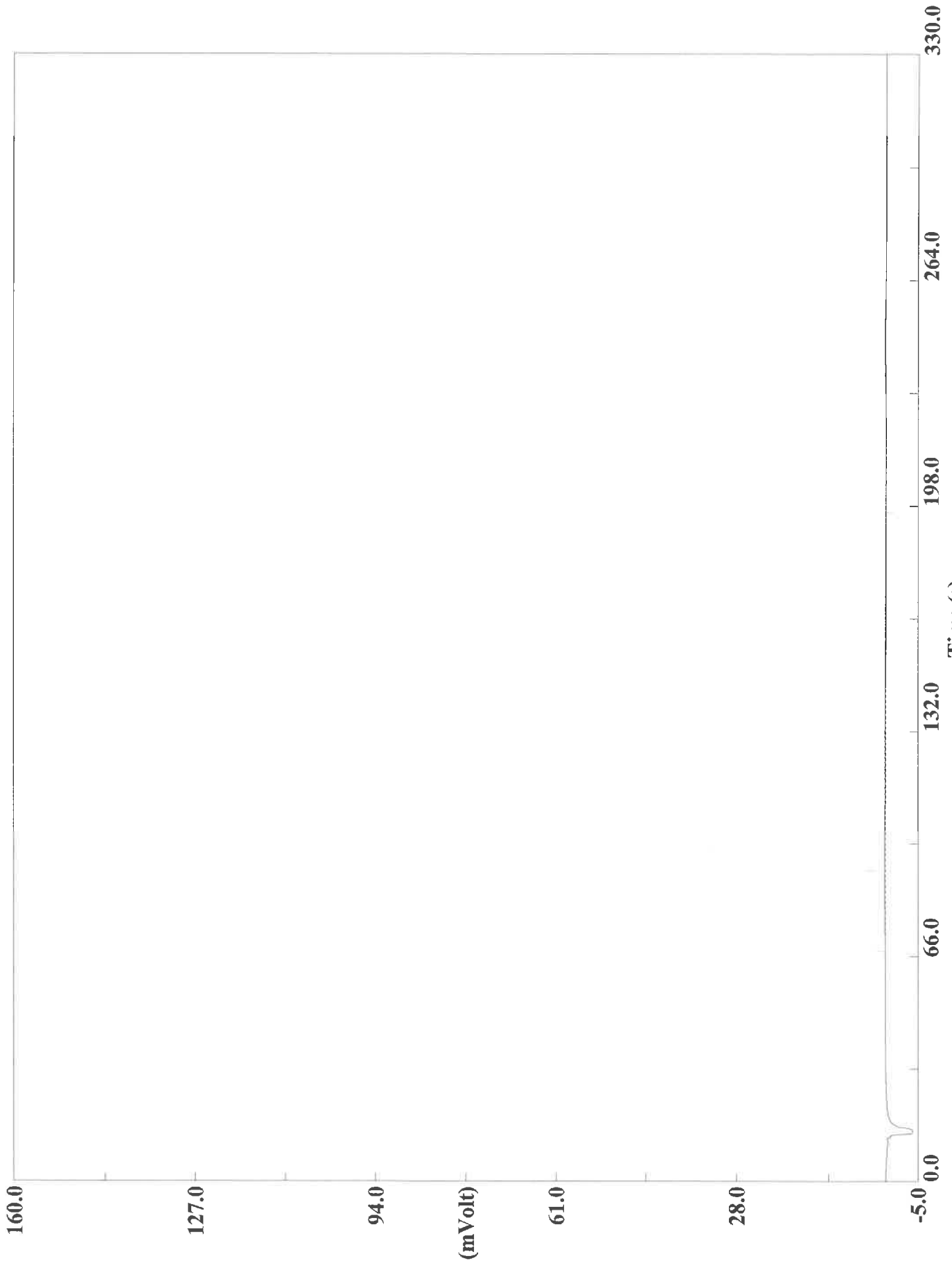
Page: 1 Sample: CCV (A092920023)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:11 Printed : 9/30/2020 07:03
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9908	228	5149408	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920024.DAT
Sample name :CCB Analysed :09/29/2020 15:17

Eager 300 Report

Page: 1 Sample: CCB (A092920024)

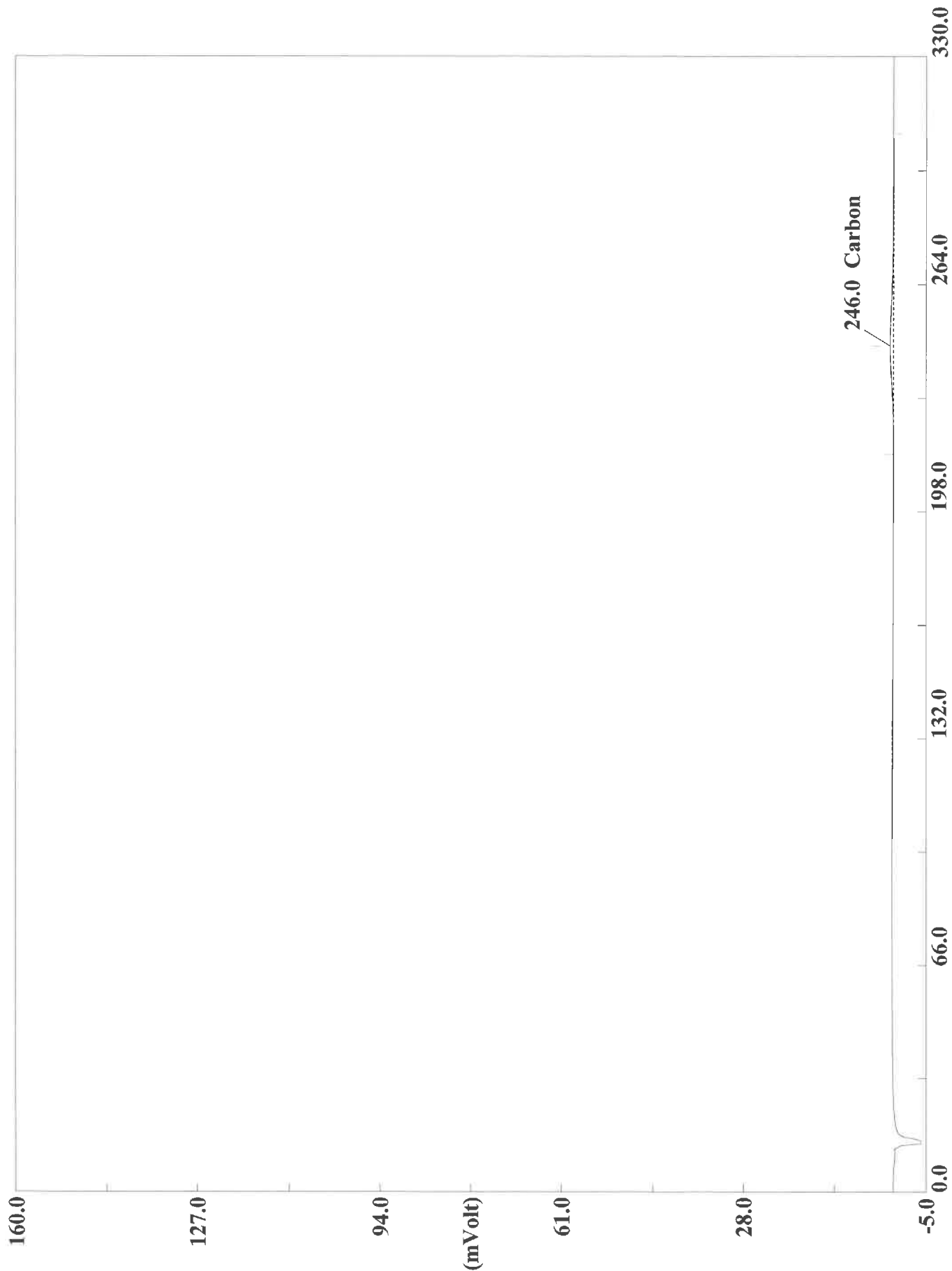
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:17 Printed : 9/30/2020 07:03
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920025.DAT
Sample name :180-111187-A-13 Analysed :09/29/2020 15:23

Eager 300 Report

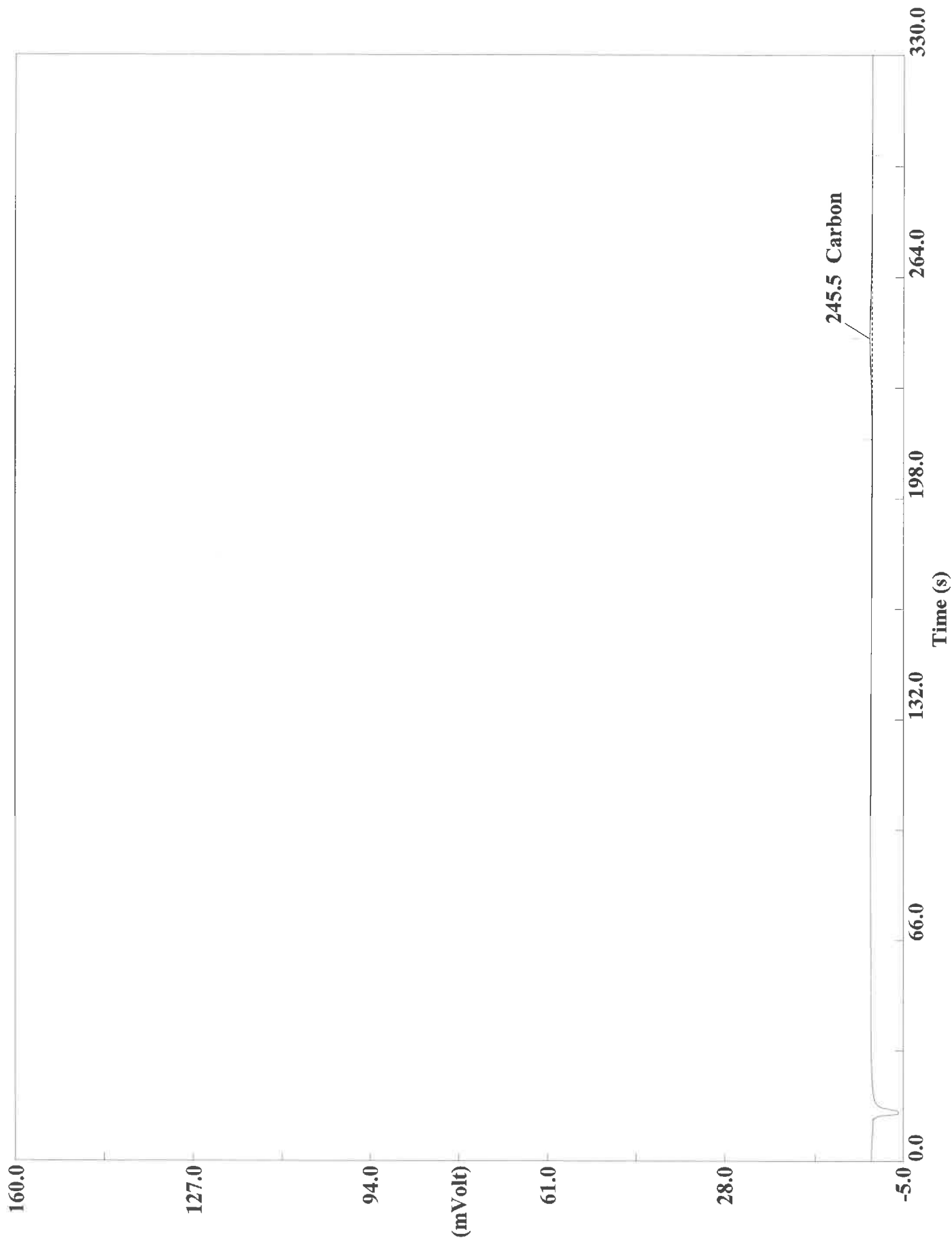
Page: 1 Sample: 180-111187-A-13 (A092920025)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:23 Printed : 9/30/2020 07:03
Sample ID : 180-111187-A-13 (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1849	246	170472	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920026.DAT
Sample name : 180-111187-A-13 Analysed : 09/29/2020 15:28

Eager 300 Report

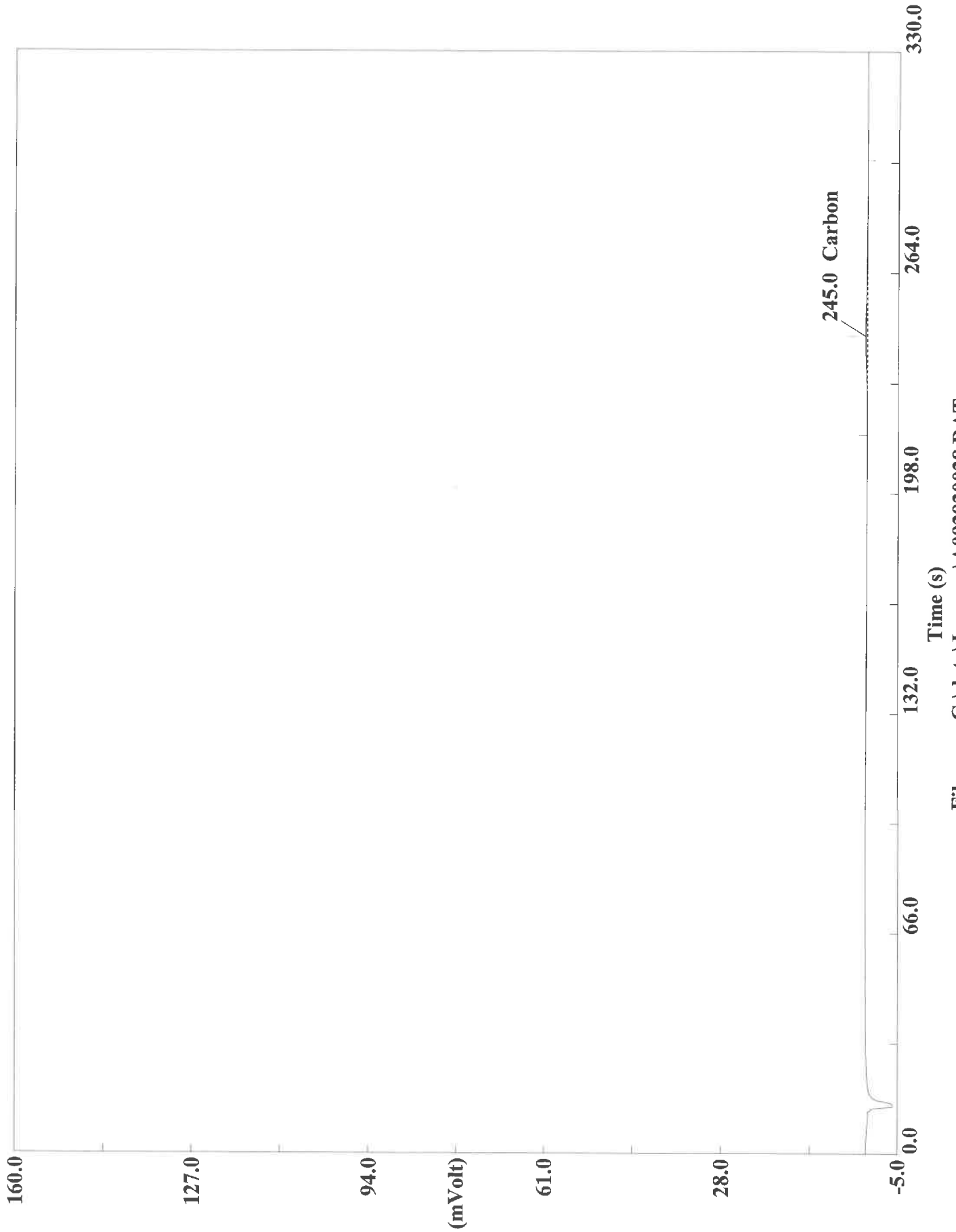
Page: 1 Sample: 180-111187-A-13 (A092920026)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:28 Printed : 9/30/2020 07:03
Sample ID : 180-111187-A-13 (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1305	246	118097	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920028.DAT
Sample name :180-111187-A-18 Analysed :09/29/2020 15:39

Eager 300 Report

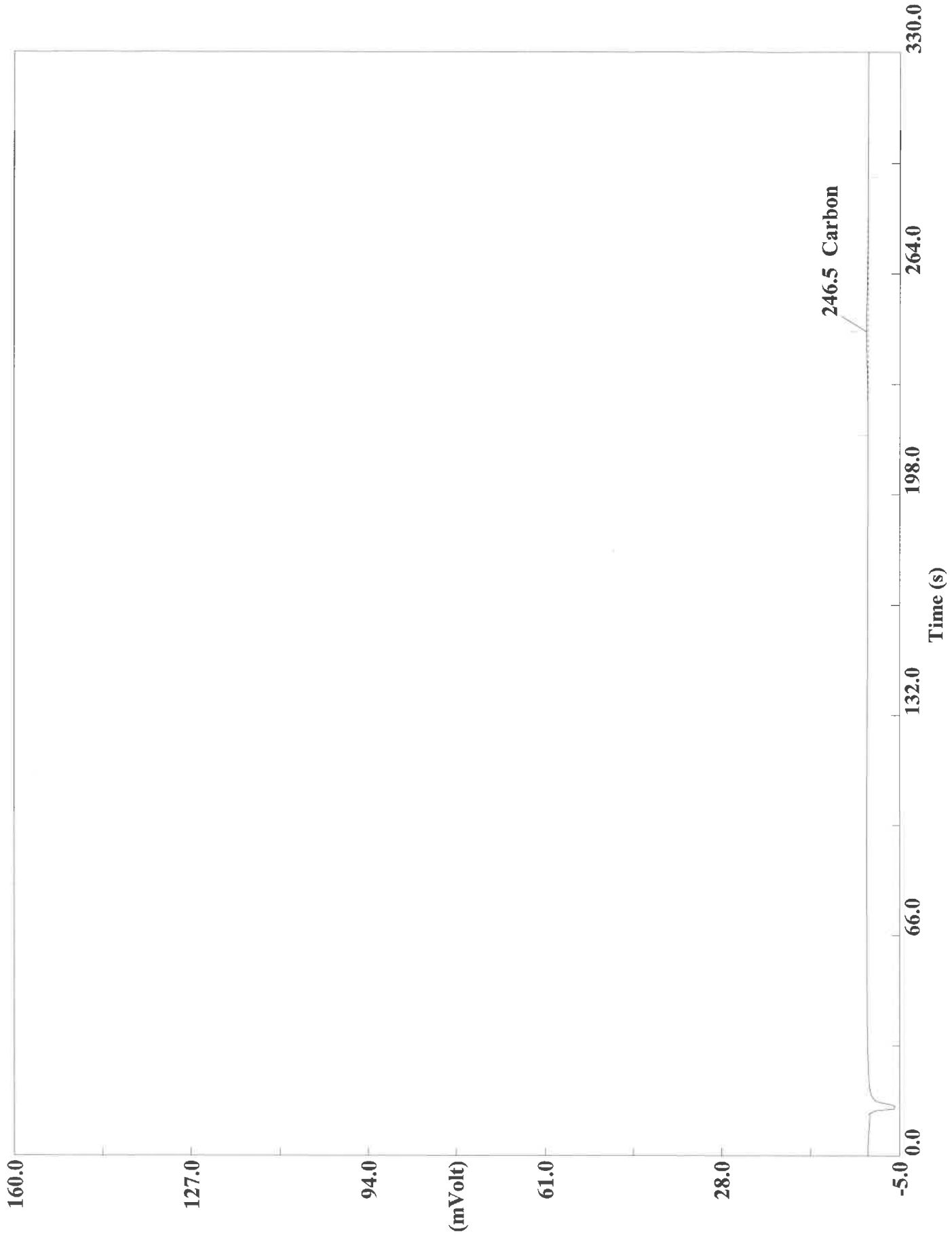
Page: 1 Sample: 180-111187-A-18 (A092920028)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:39 Printed : 9/30/2020 07:04
Sample ID : 180-111187-A-18 (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1041	245	86713	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920029.DAT
Sample name :180-111187-A-18 Analysed :09/29/2020 15:45

Eager 300 Report

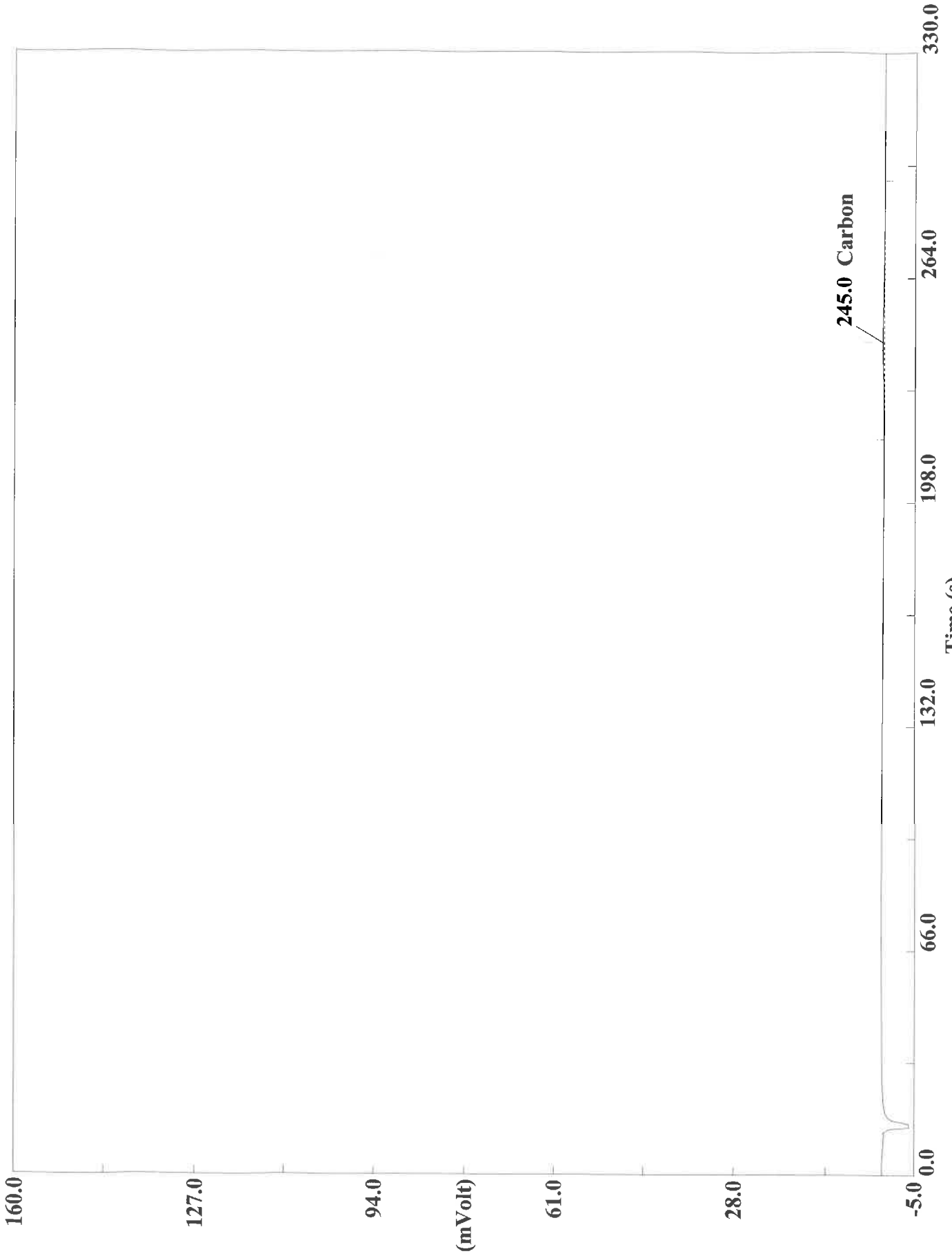
Page: 1 Sample: 180-111187-A-18 (A092920029)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:45 Printed : 9/30/2020 07:05
Sample ID : 180-111187-A-18 (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0918	247	71340	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920031.DAT
Sample name :180-111187-A-19 Analysed :09/29/2020 15:56

Eager 300 Report

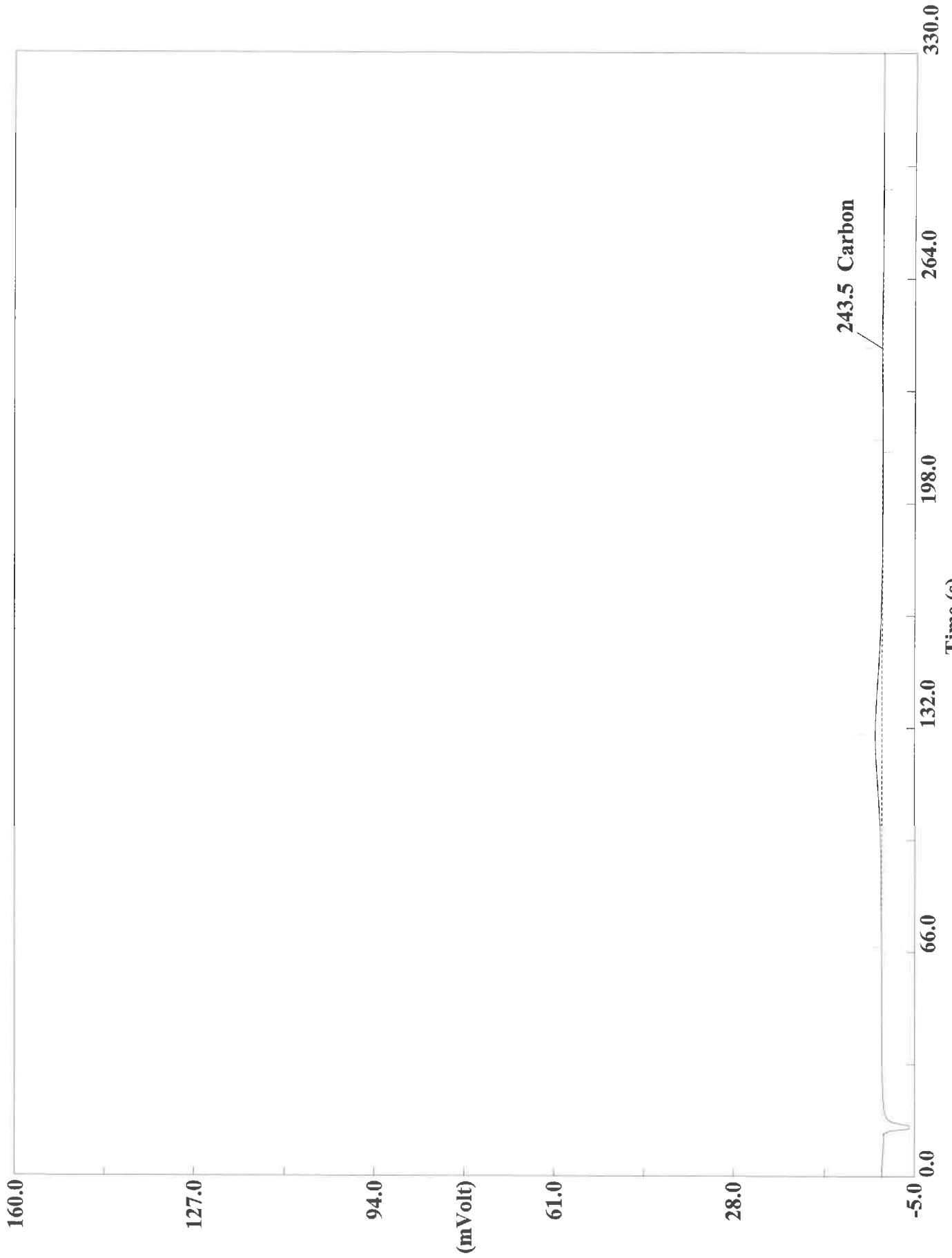
Page: 1 Sample: 180-111187-A-19 (A092920031)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 15:56 Printed : 9/30/2020 07:05
Sample ID : 180-111187-A-19 (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0751	245	74097	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920032.DAT
Sample name : 180-111187-A-19 Analysed : 09/29/2020 16:02

Eager 300 Report

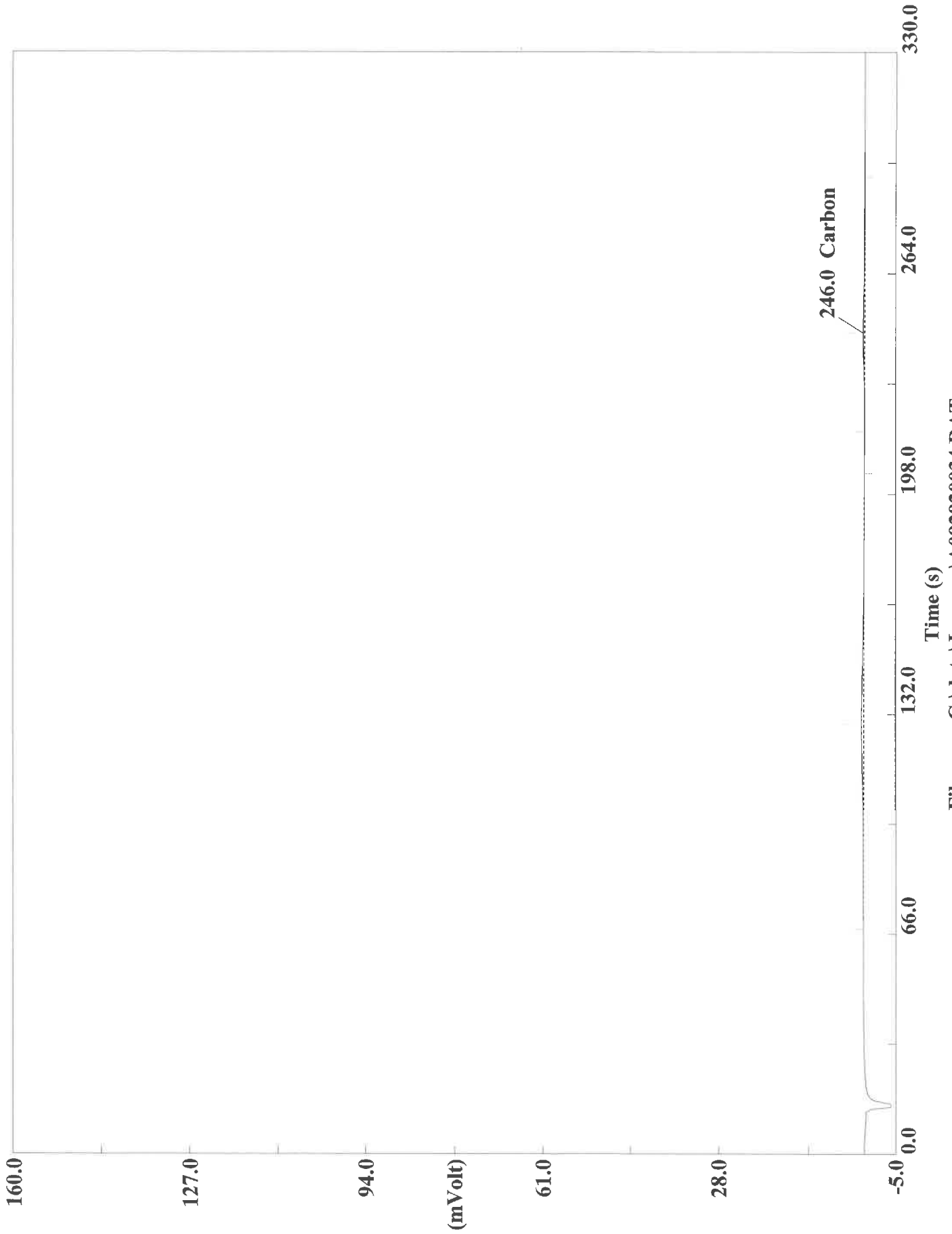
Page: 1 Sample: 180-111187-A-19 (A092920032)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:02 Printed : 9/30/2020 07:05
Sample ID : 180-111187-A-19 (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0679	244	62910	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920034.DAT
Sample name : 180-111187-A-21 Analysed : 09/29/2020 16:13

Eager 300 Report

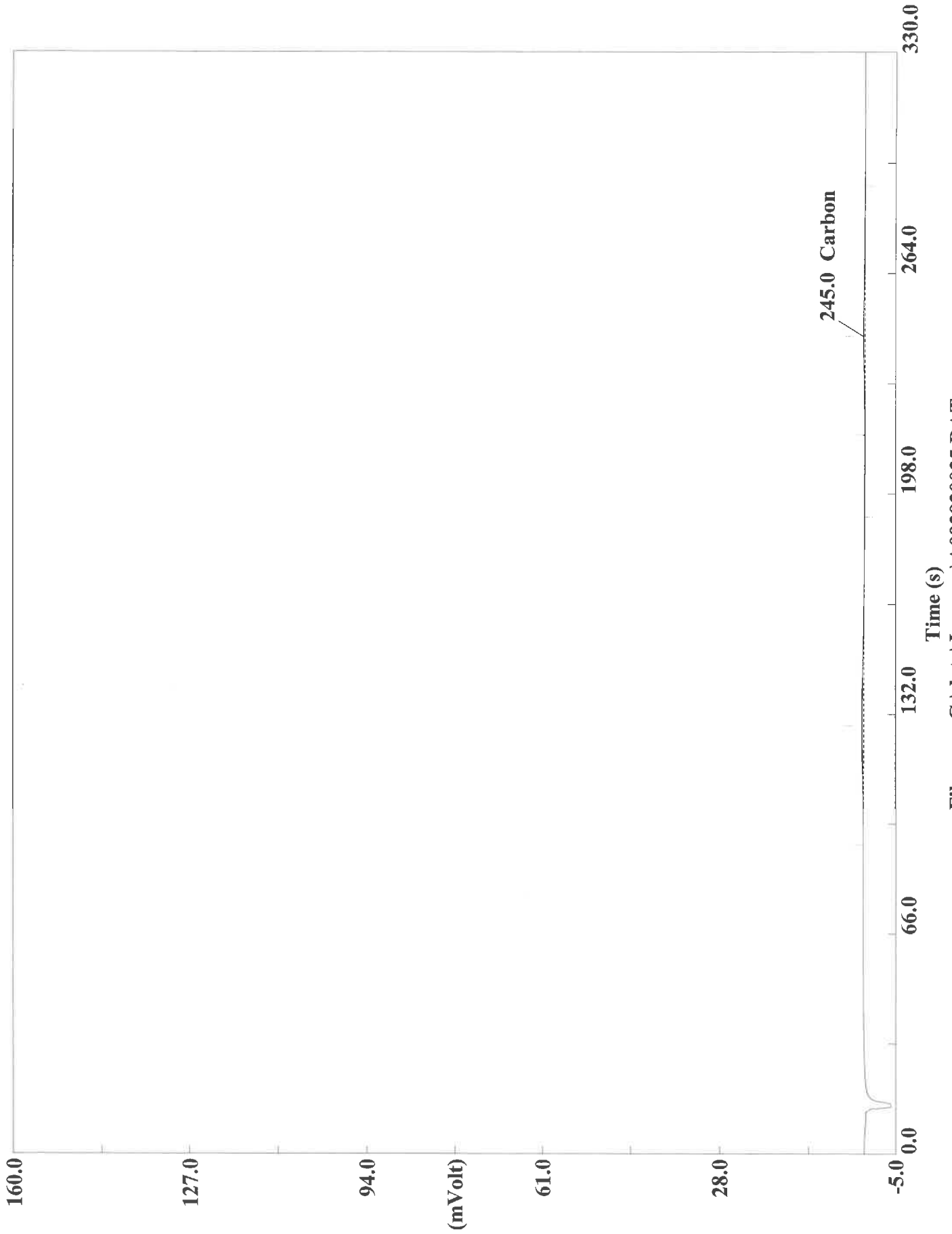
Page: 1 Sample: 180-111187-A-21 (A092920034)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:13 Printed : 9/30/2020 07:05
Sample ID : 180-111187-A-21 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0803	246	72854	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920035.DAT
Sample name :180-111187-A-21 Analysed :09/29/2020 16:18

Eager 300 Report

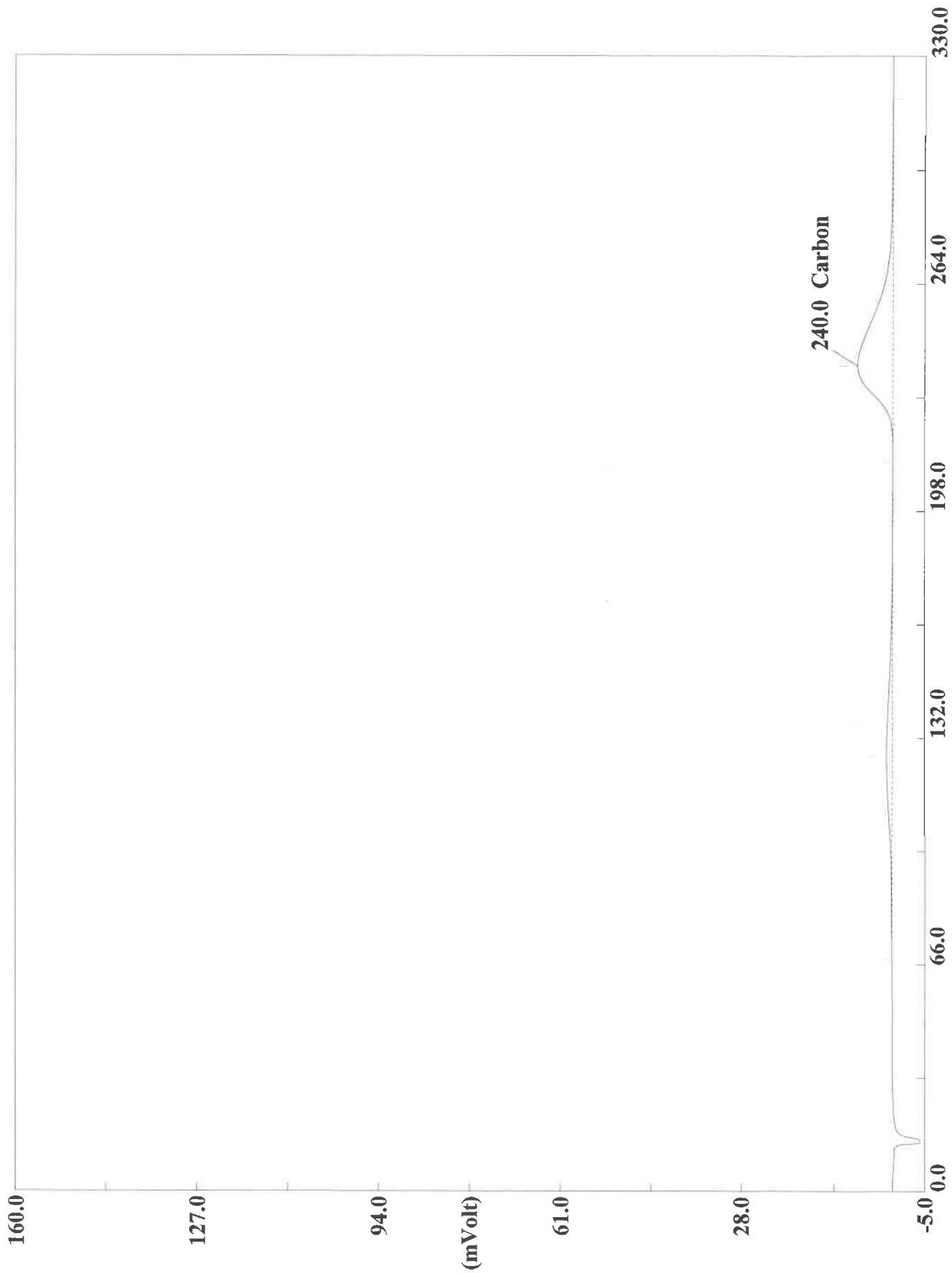
Page: 1 Sample: 180-111187-A-21 (A092920035)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:18 Printed : 9/30/2020 07:05
Sample ID : 180-111187-A-21 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0840	245	70277	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920037.DAT

Sample name : 180-111218-C-1 Analysed : 09/29/2020 16:30

Eager 300 Report

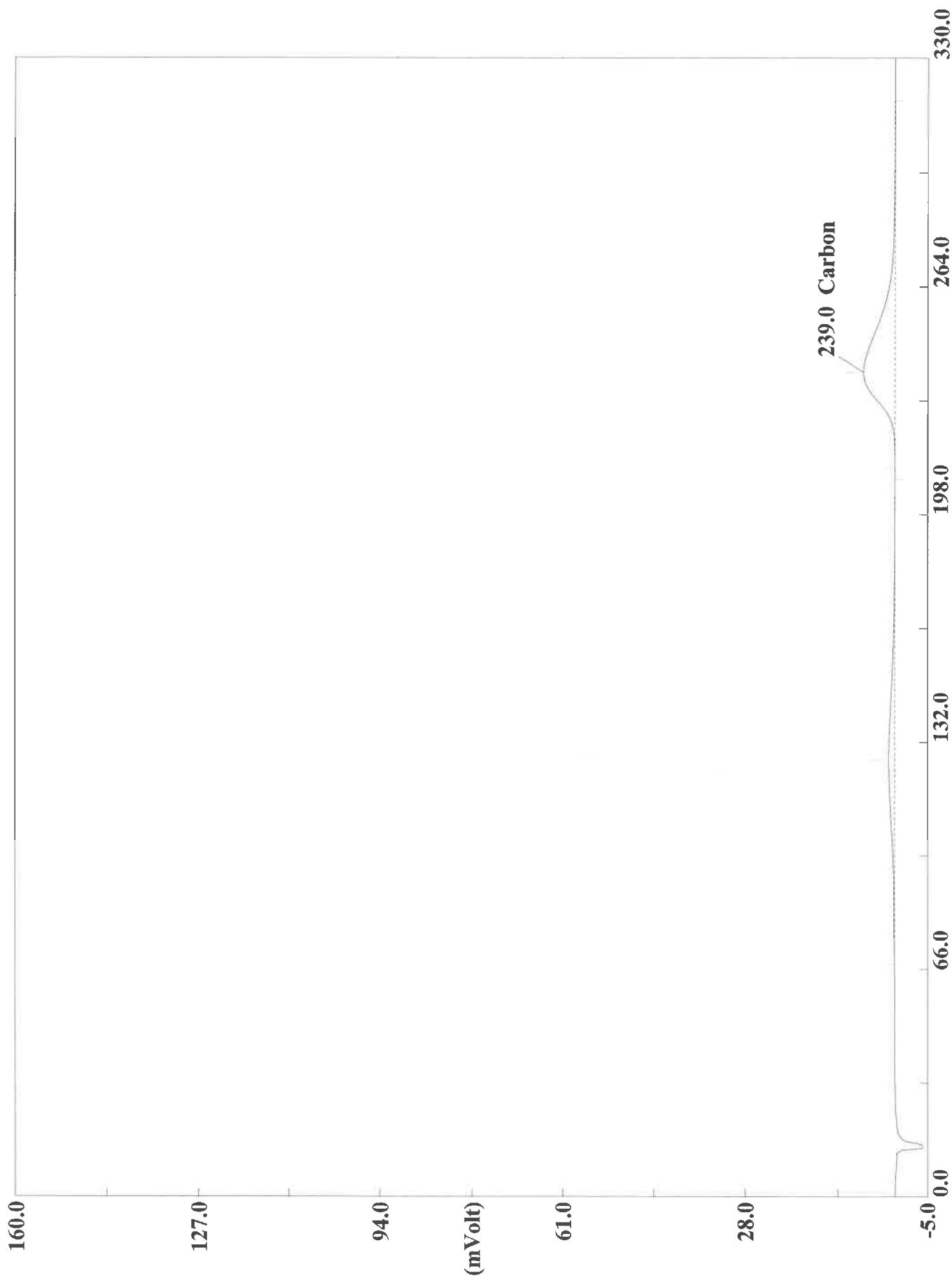
Page: 1 Sample: 180-111218-C-1 (A092920037)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:30 Printed : 9/30/2020 07:06
Sample ID : 180-111218-C-1 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4197	240	1696113	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920038.DAT

Sample name :180-111218-C-1 Analysed :09/29/2020 16:35

Eager 300 Report

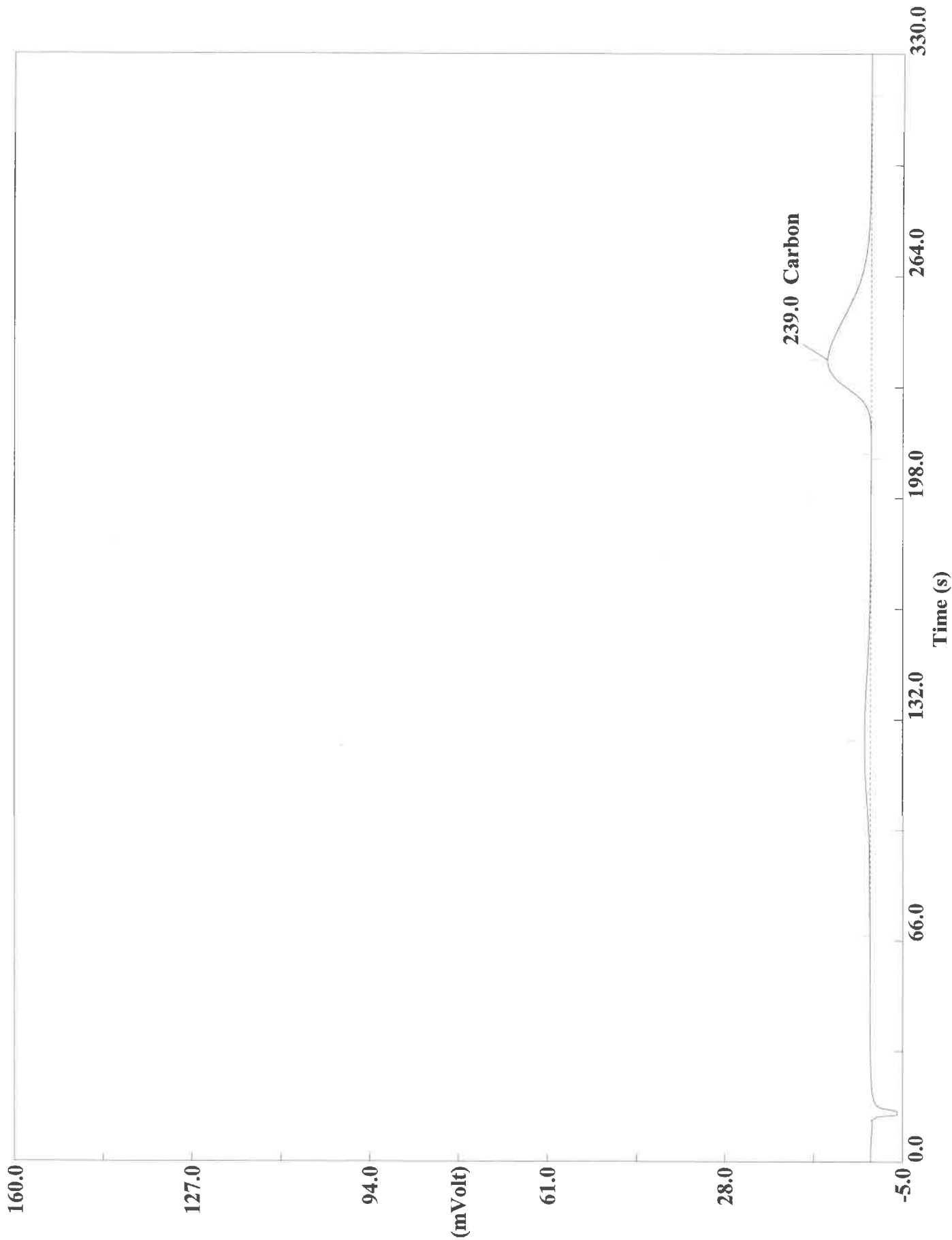
Page: 1 Sample: 180-111218-C-1 (A092920038)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:35 Printed : 9/30/2020 07:06
Sample ID : 180-111218-C-1 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3608	239	1489739	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920040.DAT

Sample name :180-111218-C-2 Analysed :09/29/2020 16:47

Eager 300 Report

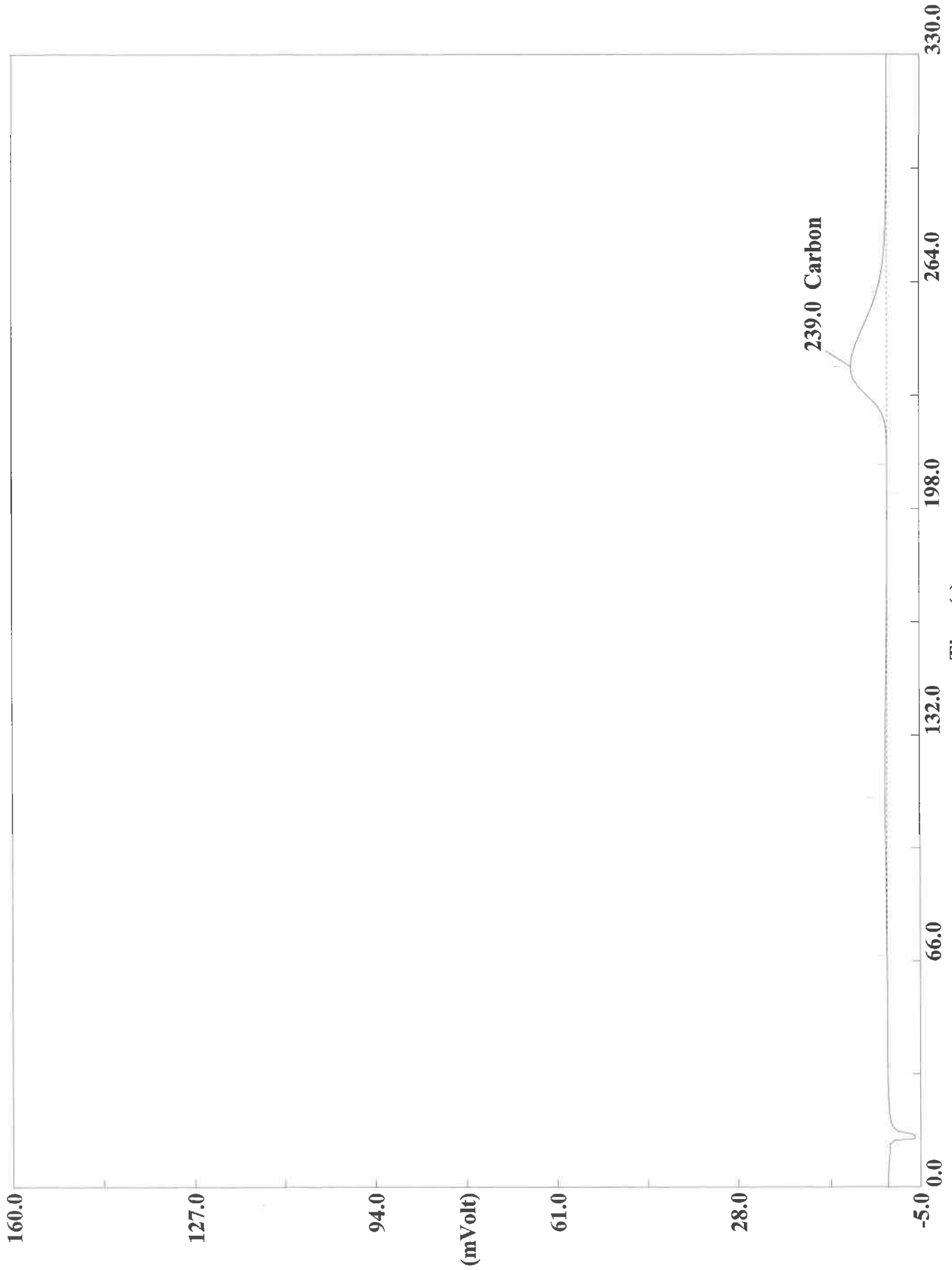
Page: 1 Sample: 180-111218-C-2 (A092920040)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:47 Printed : 9/30/2020 07:06
Sample ID : 180-111218-C-2 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7271	239	2167643	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920041.DAT
Sample name :180-111218-C-2 Analysed :09/29/2020 16:52

Eager 300 Report

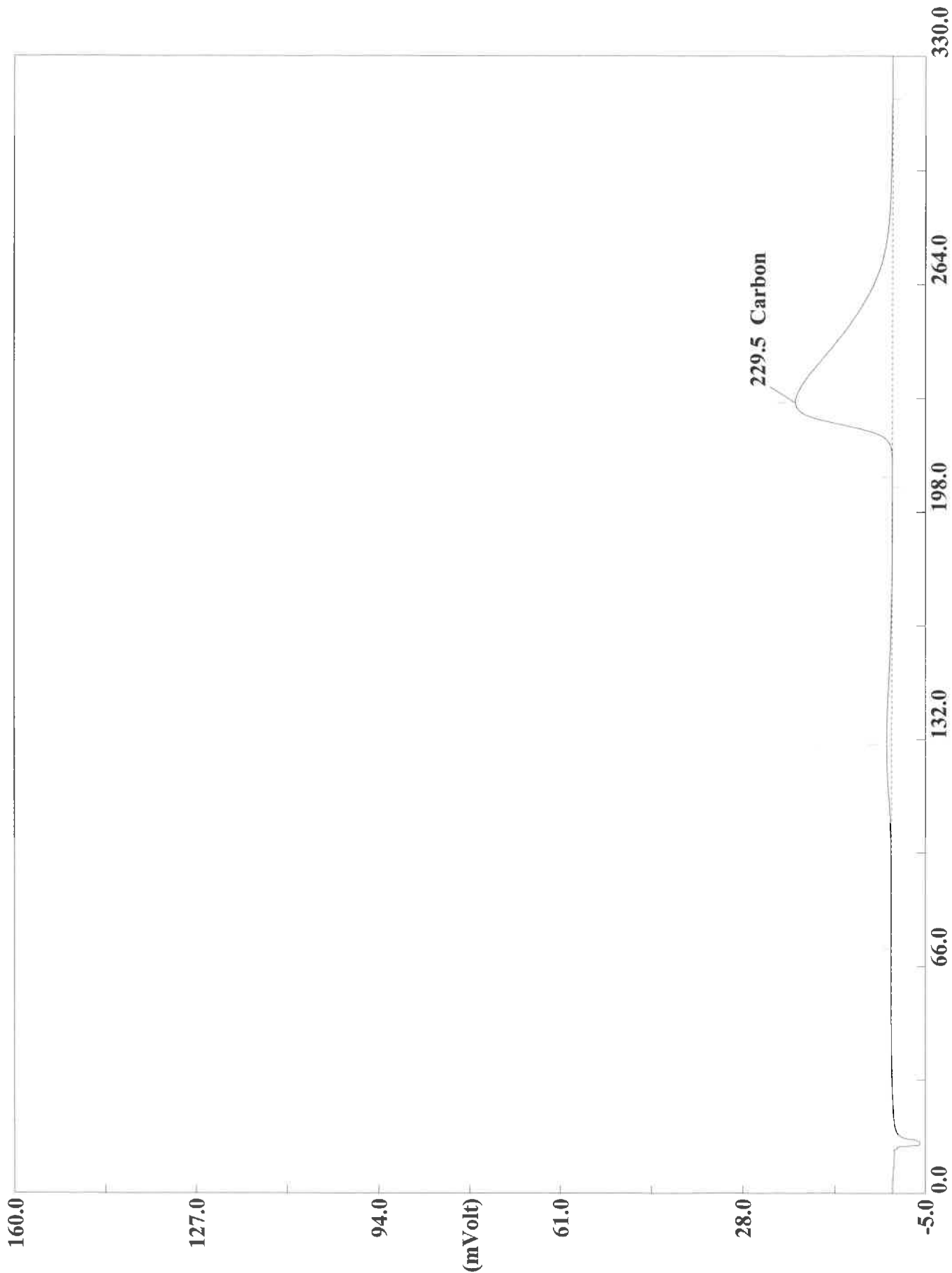
Page: 1 Sample: 180-111218-C-2 (A092920041)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 16:52 Printed : 9/30/2020 07:06
Sample ID : 180-111218-C-2 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6261	239	1759353	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920043.DAT
Sample name :CCV Analysed :09/29/2020 17:32

Eager 300 Report

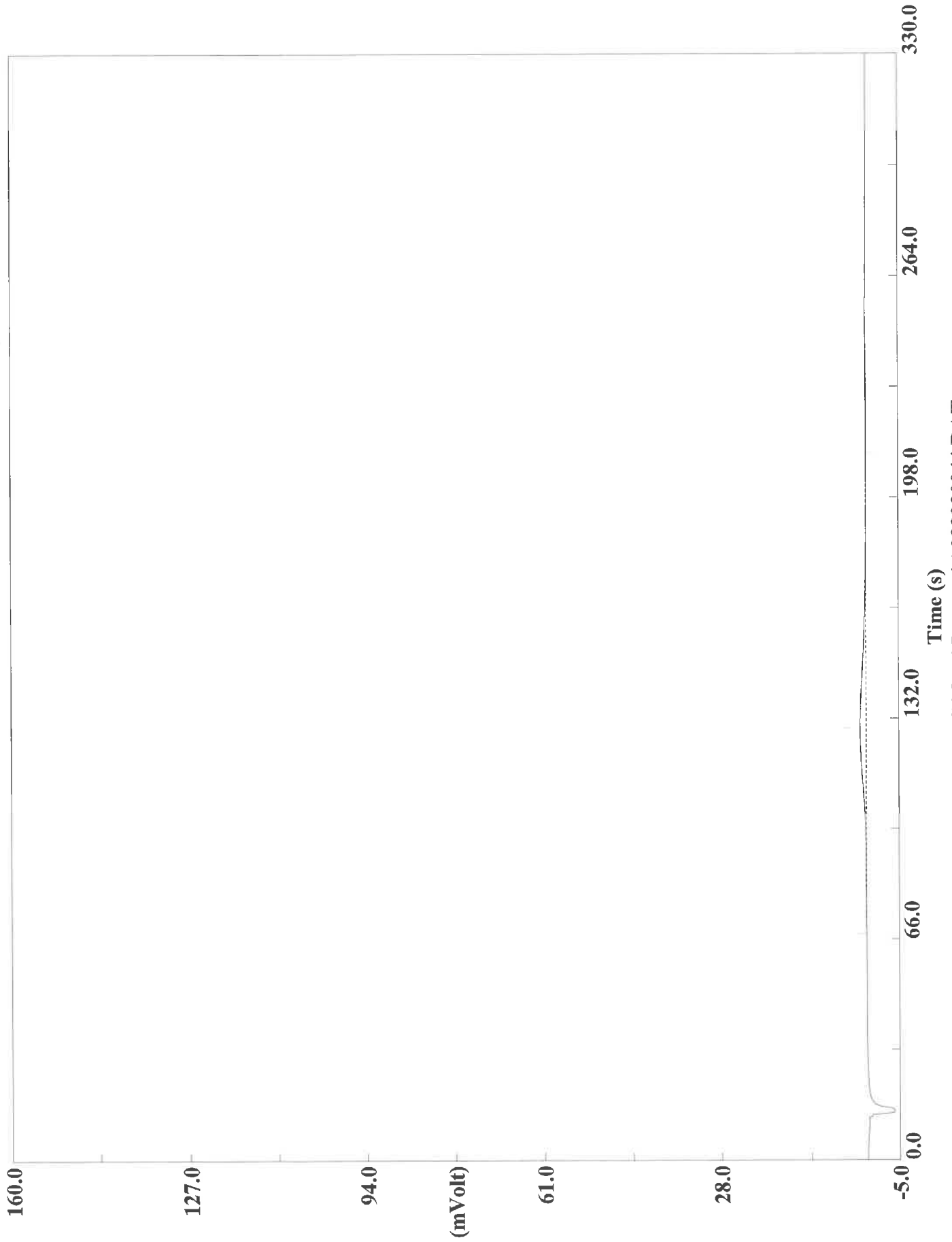
Page: 1 Sample: CCV (A092920043)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 17:32 Printed : 9/30/2020 07:07
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9798	230	5091971	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920044.DAT
Sample name :CCB Analysed :09/29/2020 17:38

Eager 300 Report

Page: 1 Sample: CCB (A092920044)

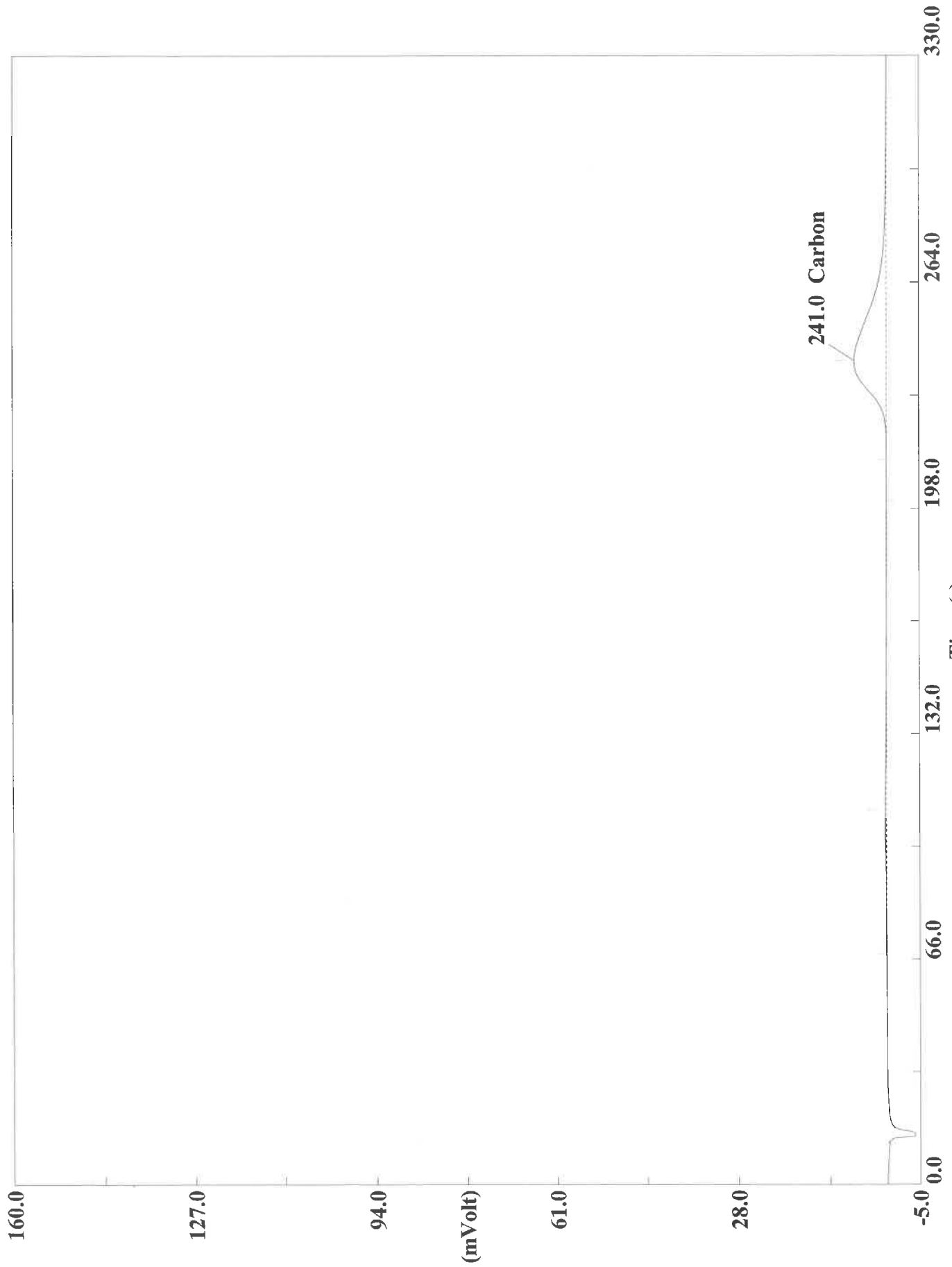
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920044
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 17:38 Printed : 9/30/2020 07:08
Sample ID : CCB (# 55)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920045.DAT
Sample name :180-111218-C-3 Analysed :09/29/2020 17:43

Eager 300 Report

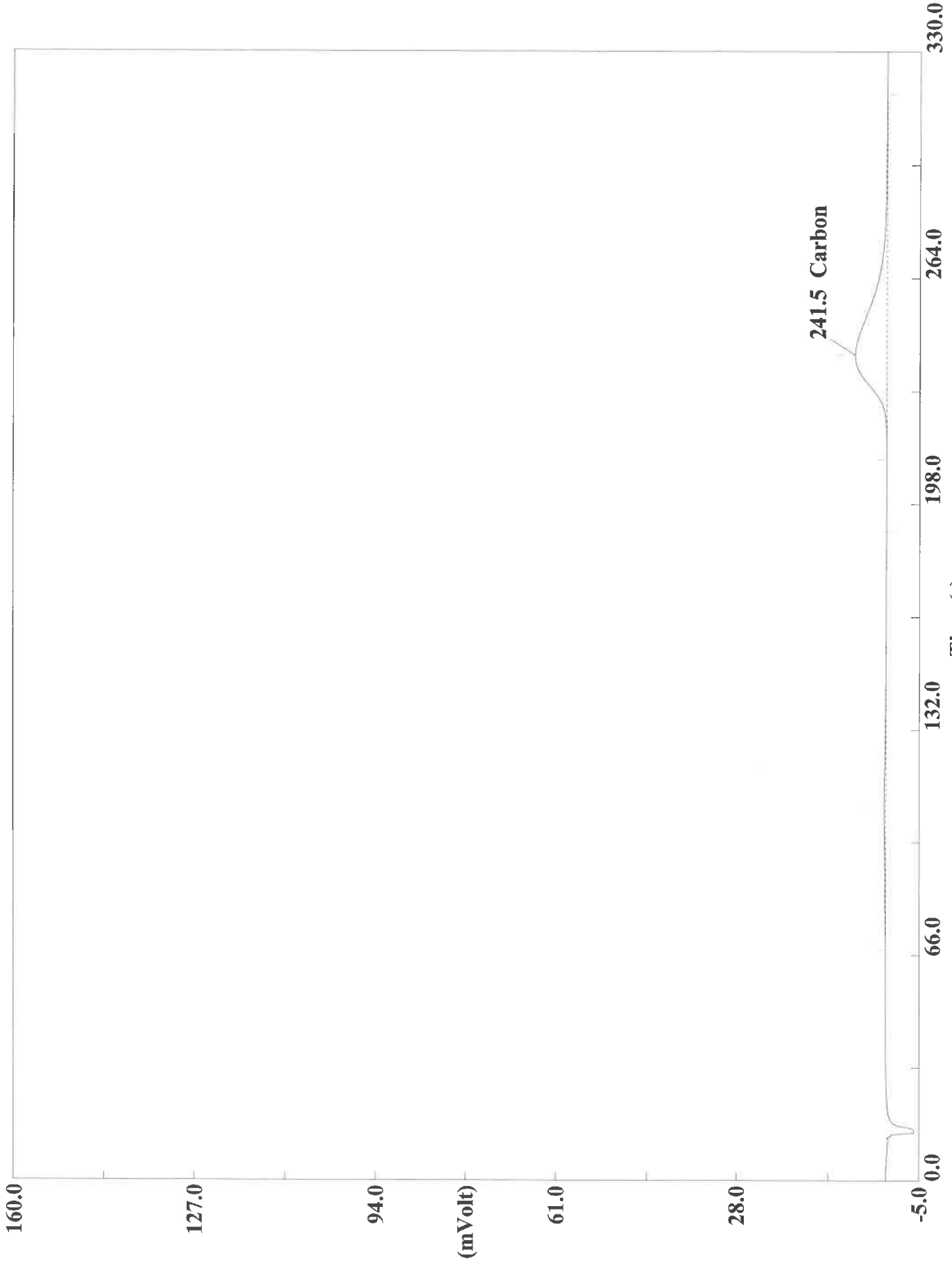
Page: 1 Sample: 180-111218-C-3 (A092920045)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920045
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 17:43 Printed : 9/30/2020 07:08
Sample ID : 180-111218-C-3 (# 56)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4658	241	1575915	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920046.DAT
Sample name :180-111218-C-3 Analysed :09/29/2020 17:49

Eager 300 Report

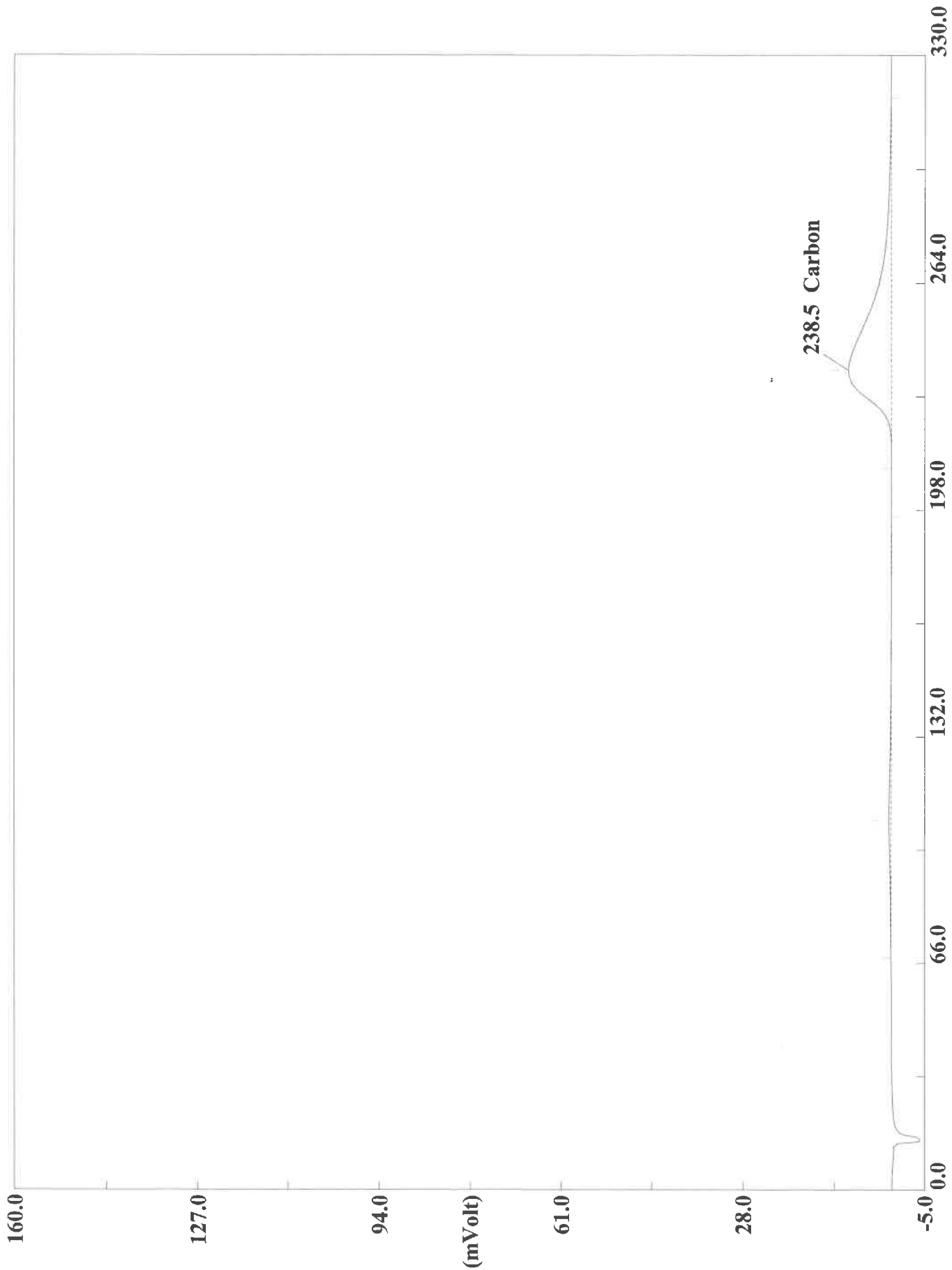
Page: 1 Sample: 180-111218-C-3 (A092920046)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920046
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 17:49 Printed : 9/30/2020 07:08
Sample ID : 180-111218-C-3 (# 57)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4725	242	1529395	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920048.DAT

Sample name :180-111287-A-13 Analysed :09/29/2020 18:00

Eager 300 Report

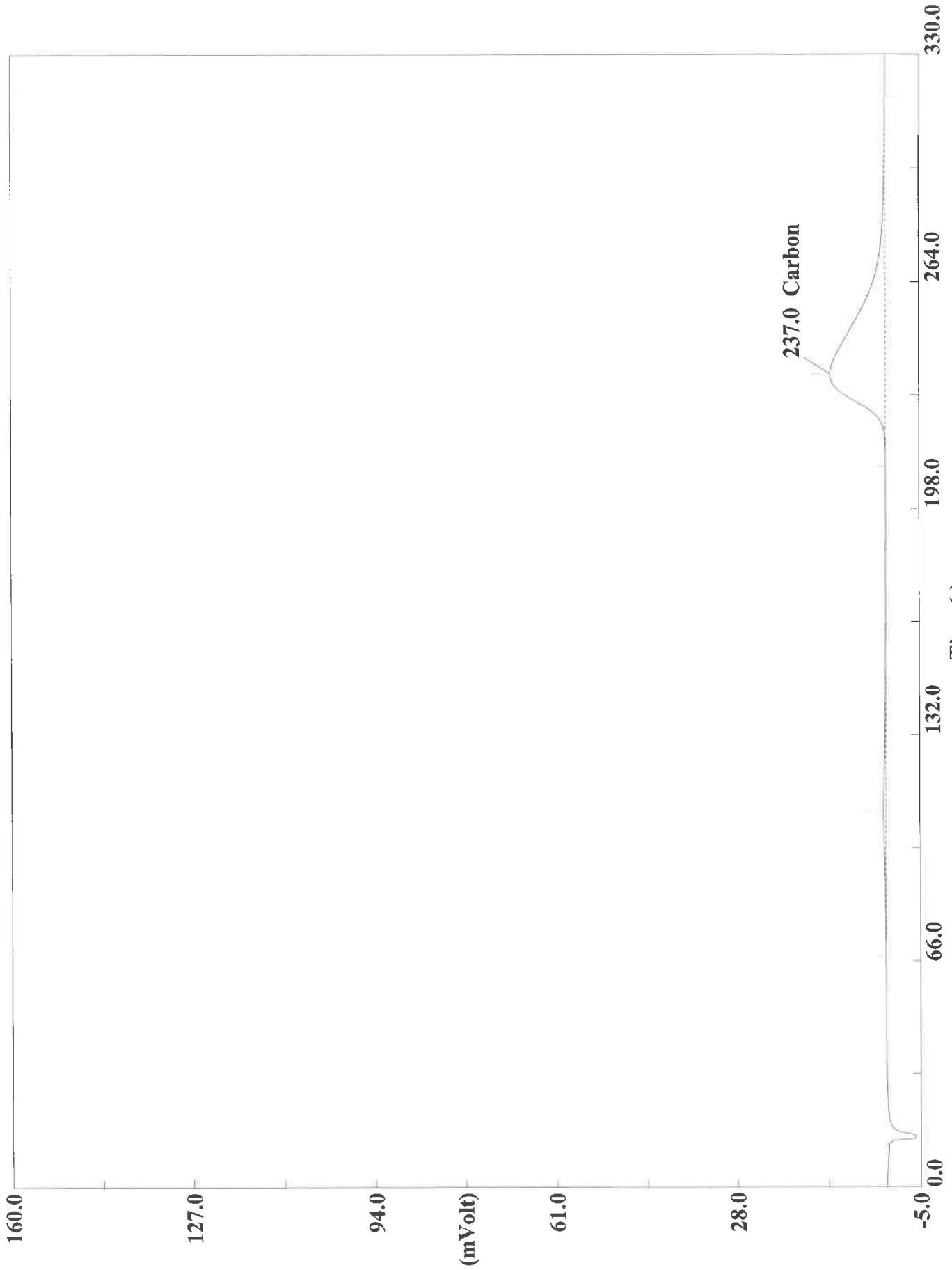
Page: 1 Sample: 180-111287-A-13 (A092920048)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920048
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:00 Printed : 9/30/2020 07:08
Sample ID : 180-111287-A-13 (# 59)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5418	239	2325371	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920049.DAT
Sample name : 180-111287-A-13 Analysed : 09/29/2020 18:06

Eager 300 Report

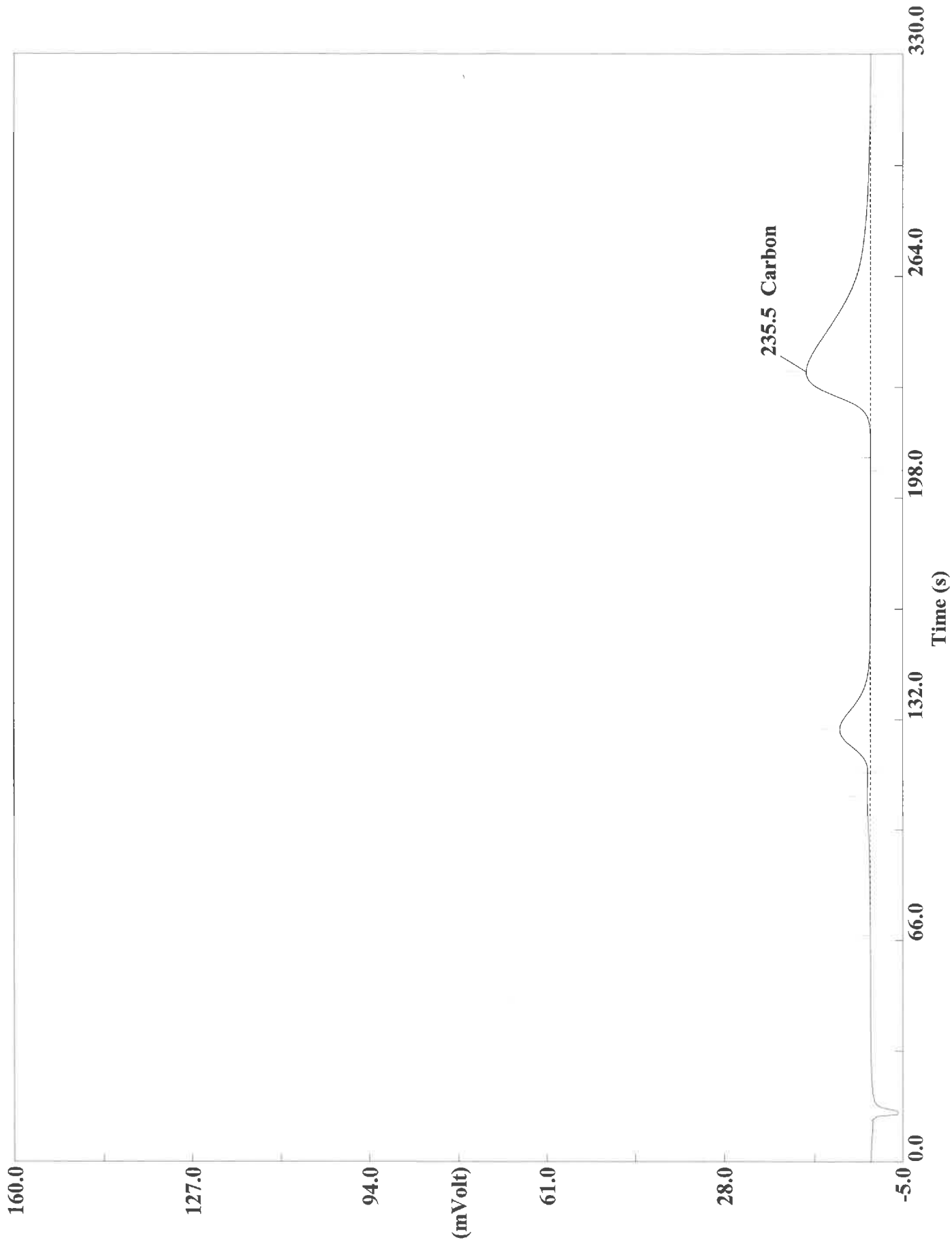
Page: 1 Sample: 180-111287-A-13 (A092920049)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920049
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:06 Printed : 9/30/2020 07:08
Sample ID : 180-111287-A-13 (# 60)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9664	237	2748791	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920051.DAT

Sample name : 180-111287-A-14 Analysed : 09/29/2020 18:17

Eager 300 Report

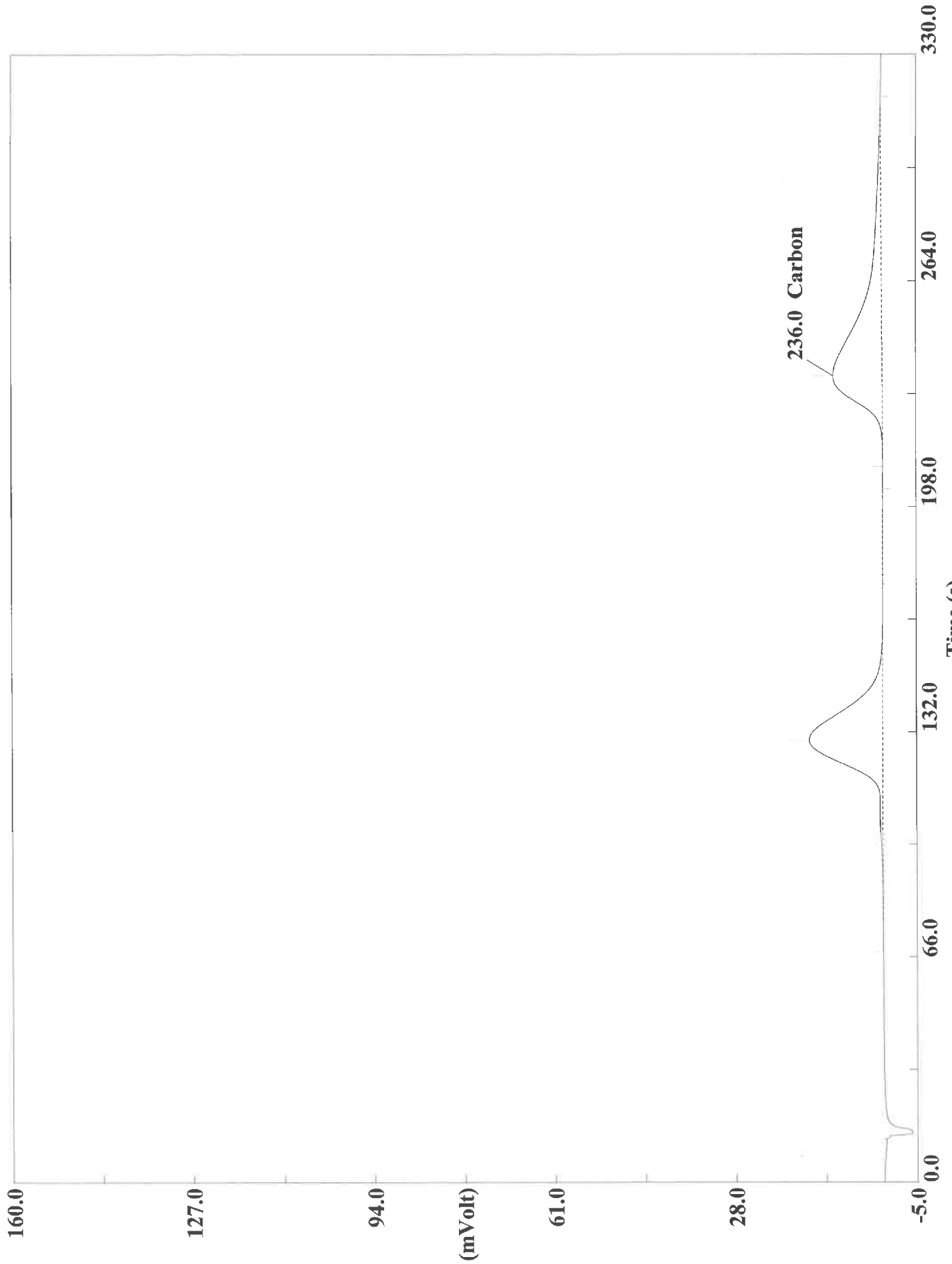
Page: 1 Sample: 180-111287-A-14 (A092920051)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920051
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:17 Printed : 9/30/2020 07:09
Sample ID : 180-111287-A-14 (# 62)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9243	236	3335434	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920052.DAT
Sample name : 180-111287-A-14 Analysed : 09/29/2020 18:23

Eager 300 Report

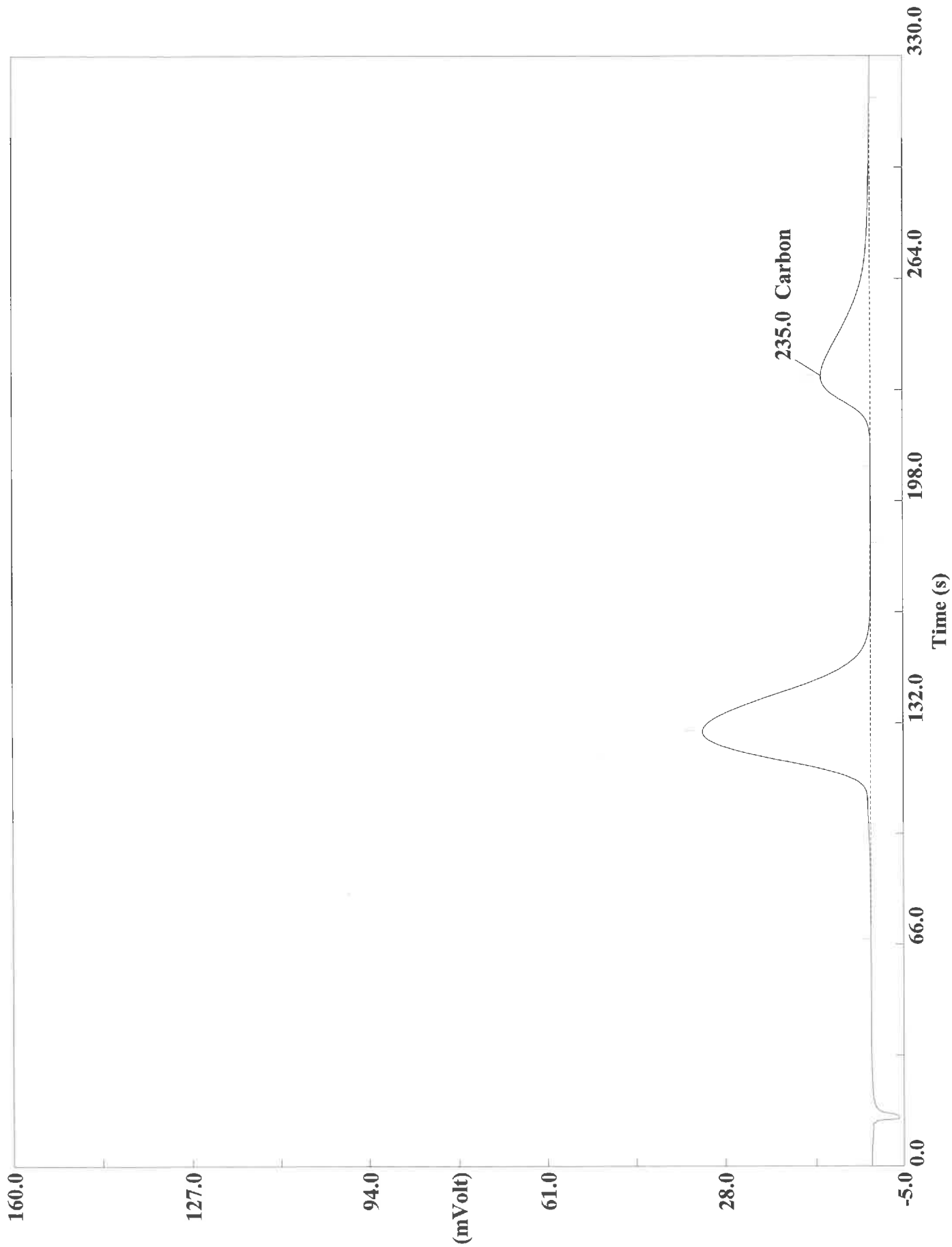
Page: 1 Sample: 180-111287-A-14 (A092920052)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920052
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:23 Printed : 9/30/2020 07:09
Sample ID : 180-111287-A-14 (# 63)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0761	236	2567110	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920054.DAT
Sample name :180-111287-A-15 Analysed :09/29/2020 18:34

Eager 300 Report

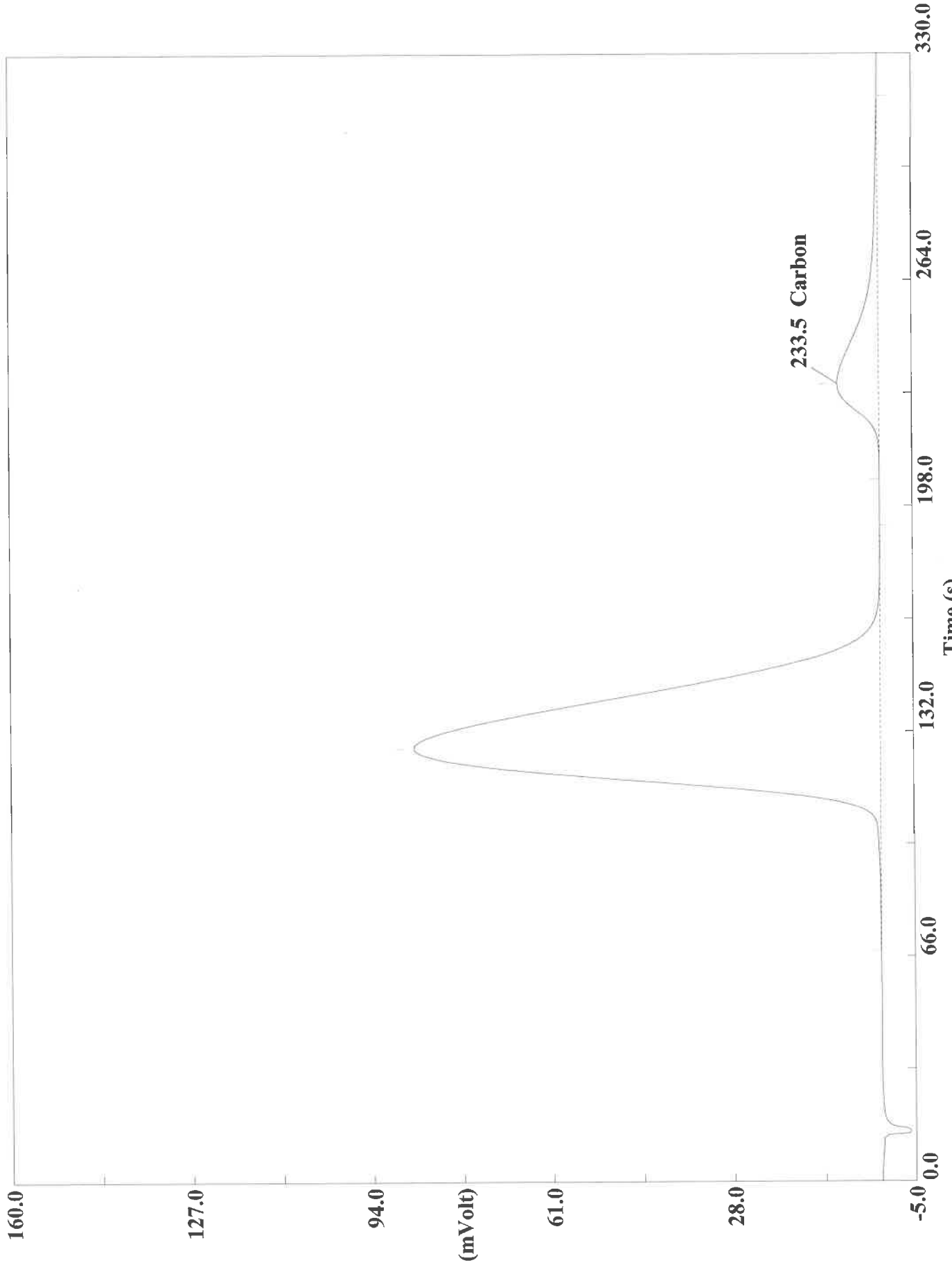
Page: 1 Sample: 180-111287-A-15 (A092920054)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920054
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:34 Printed : 9/30/2020 07:09
Sample ID : 180-111287-A-15 (# 65)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1842	235	2530904	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920055.DAT
Sample name :180-111287-A-15 Analysed :09/29/2020 18:39

Eager 300 Report

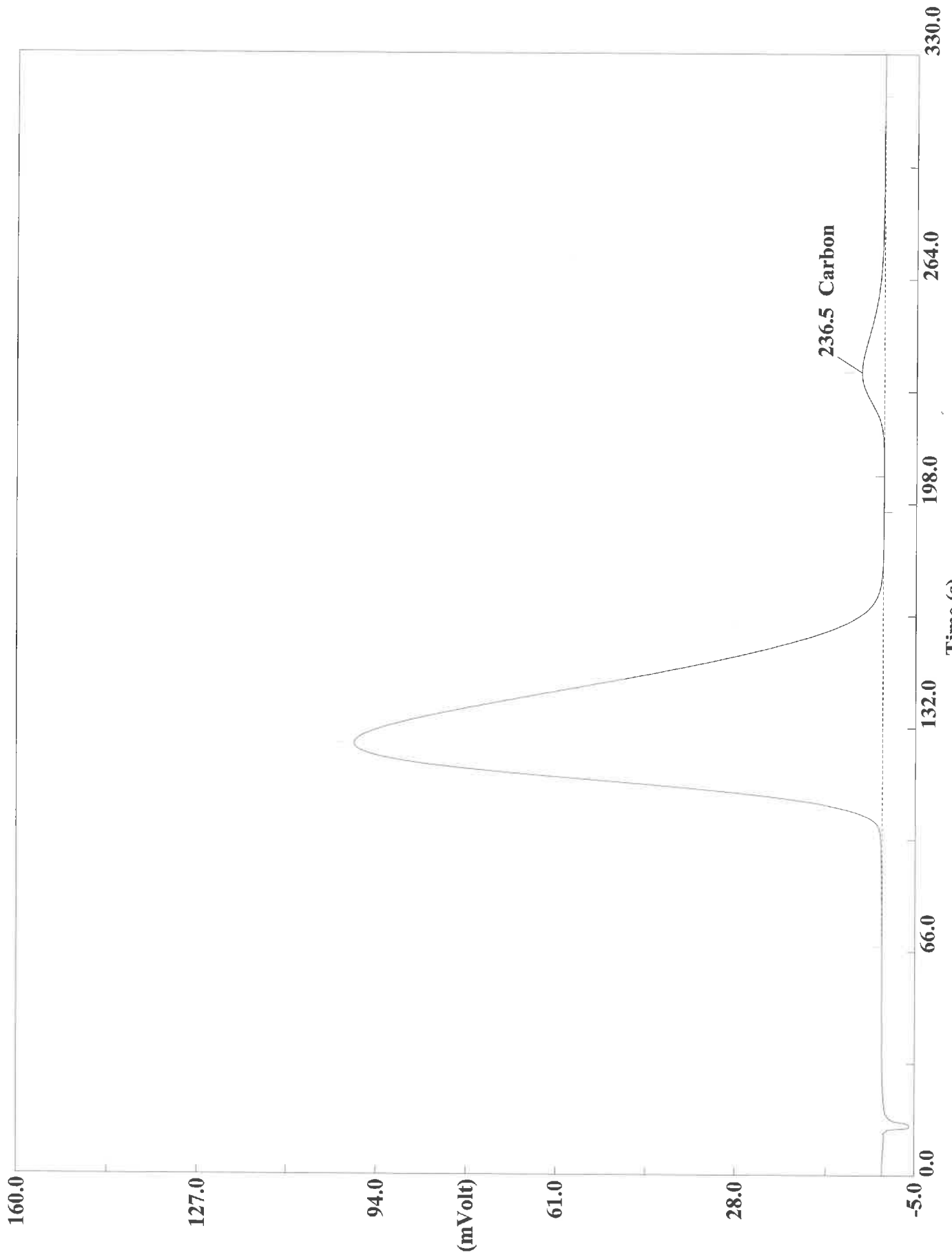
Page: 1 Sample: 180-111287-A-15 (A092920055)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920055
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:39 Printed : 9/30/2020 07:09
Sample ID : 180-111287-A-15 (# 66)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8641	234	2234421	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920057.DAT

Sample name : 180-111287-A-16 Analysed : 09/29/2020 18:50

Eager 300 Report

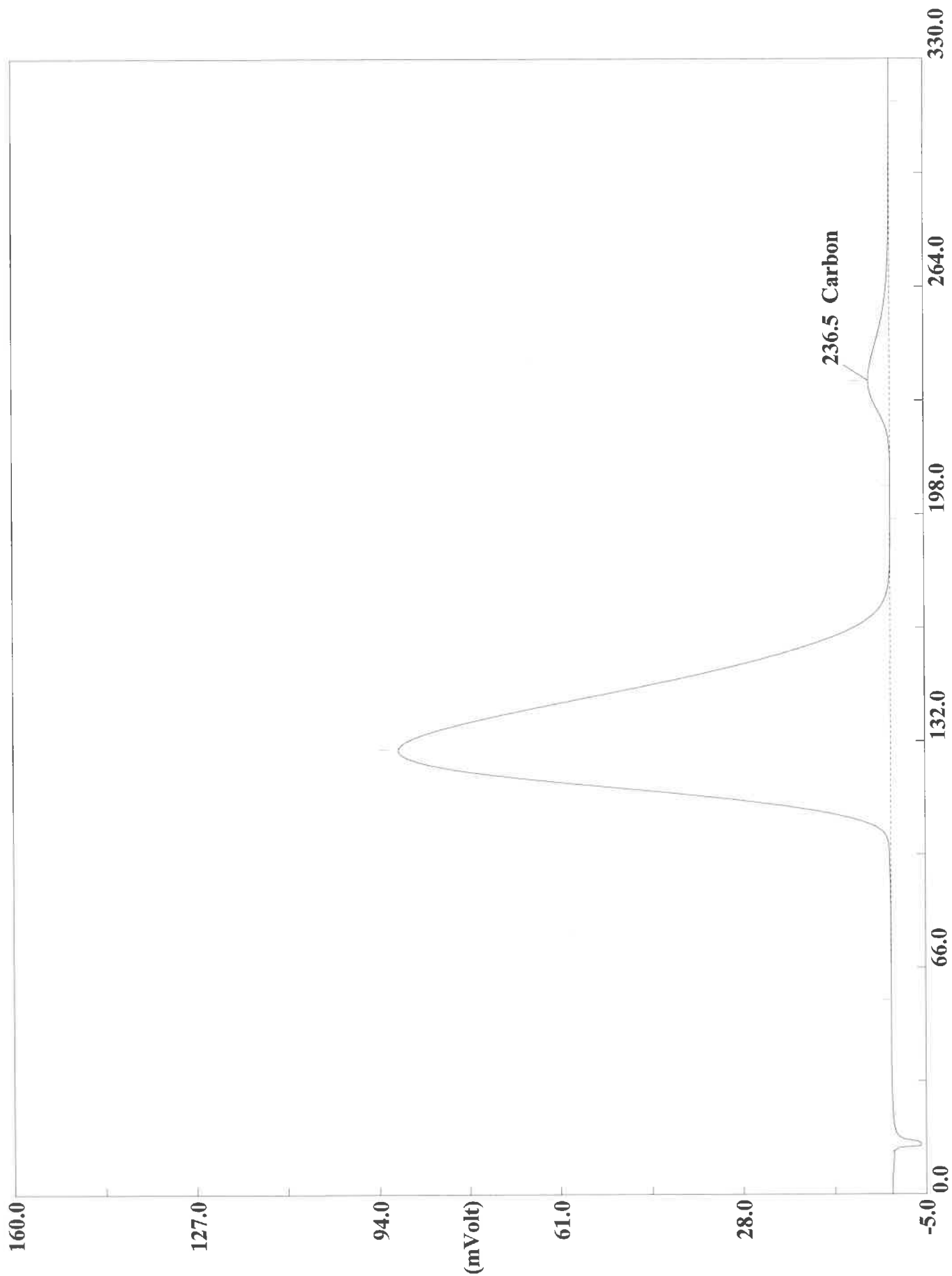
Page: 1 Sample: 180-111287-A-16 (A092920057)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920057
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:50 Printed : 9/30/2020 07:10
Sample ID : 180-111287-A-16 (# 68)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9293	237	1131133	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920058.DAT
Sample name :180-111287-A-16 Analysed :09/29/2020 18:56

Eager 300 Report

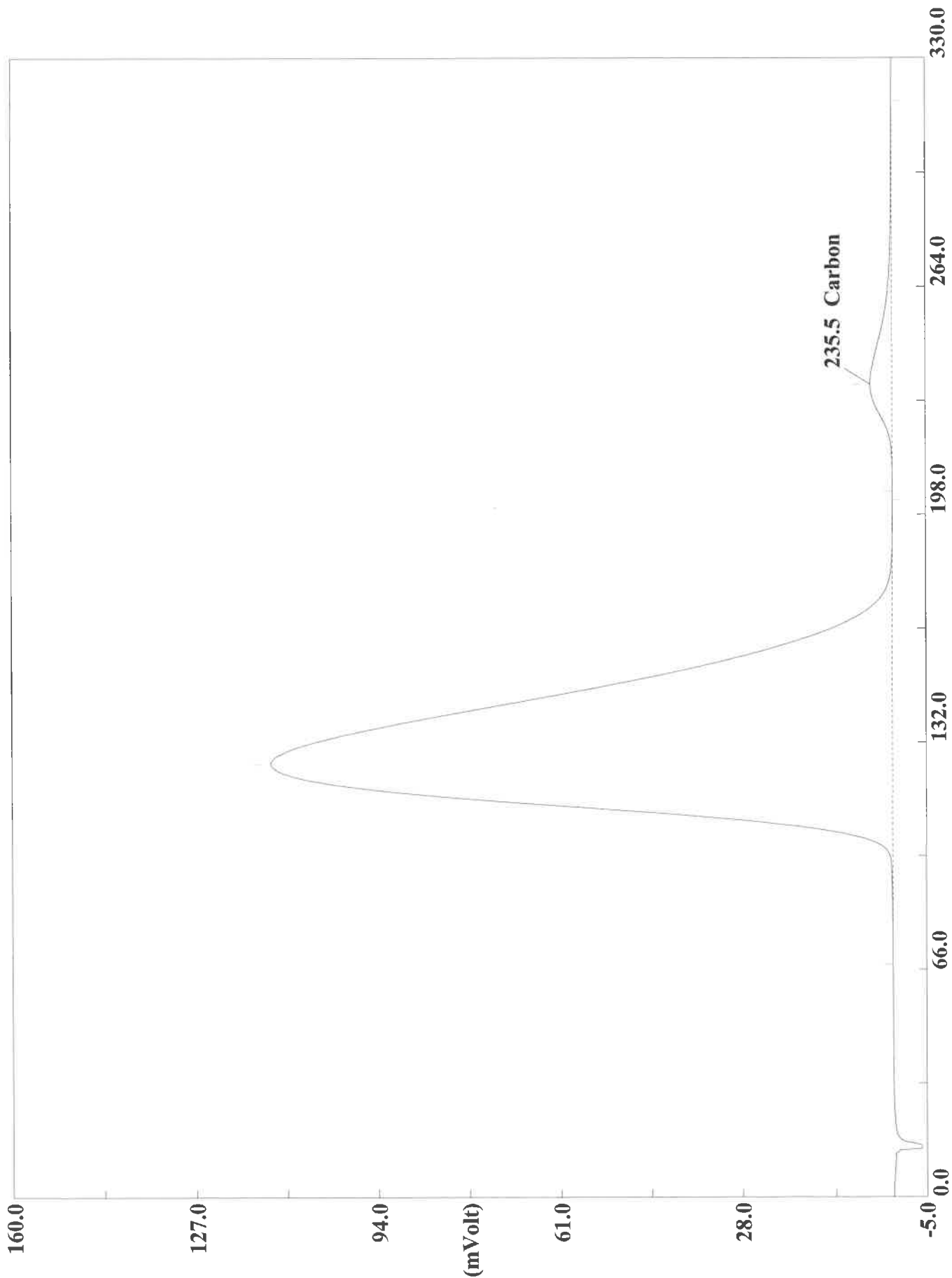
Page: 1 Sample: 180-111287-A-16 (A092920058)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920058
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 18:56 Printed : 9/30/2020 07:11
Sample ID : 180-111287-A-16 (# 69)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9523	237	1045390	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920060.DAT
Sample name :180-111287-A-17 Analysed :09/29/2020 19:07

Eager 300 Report

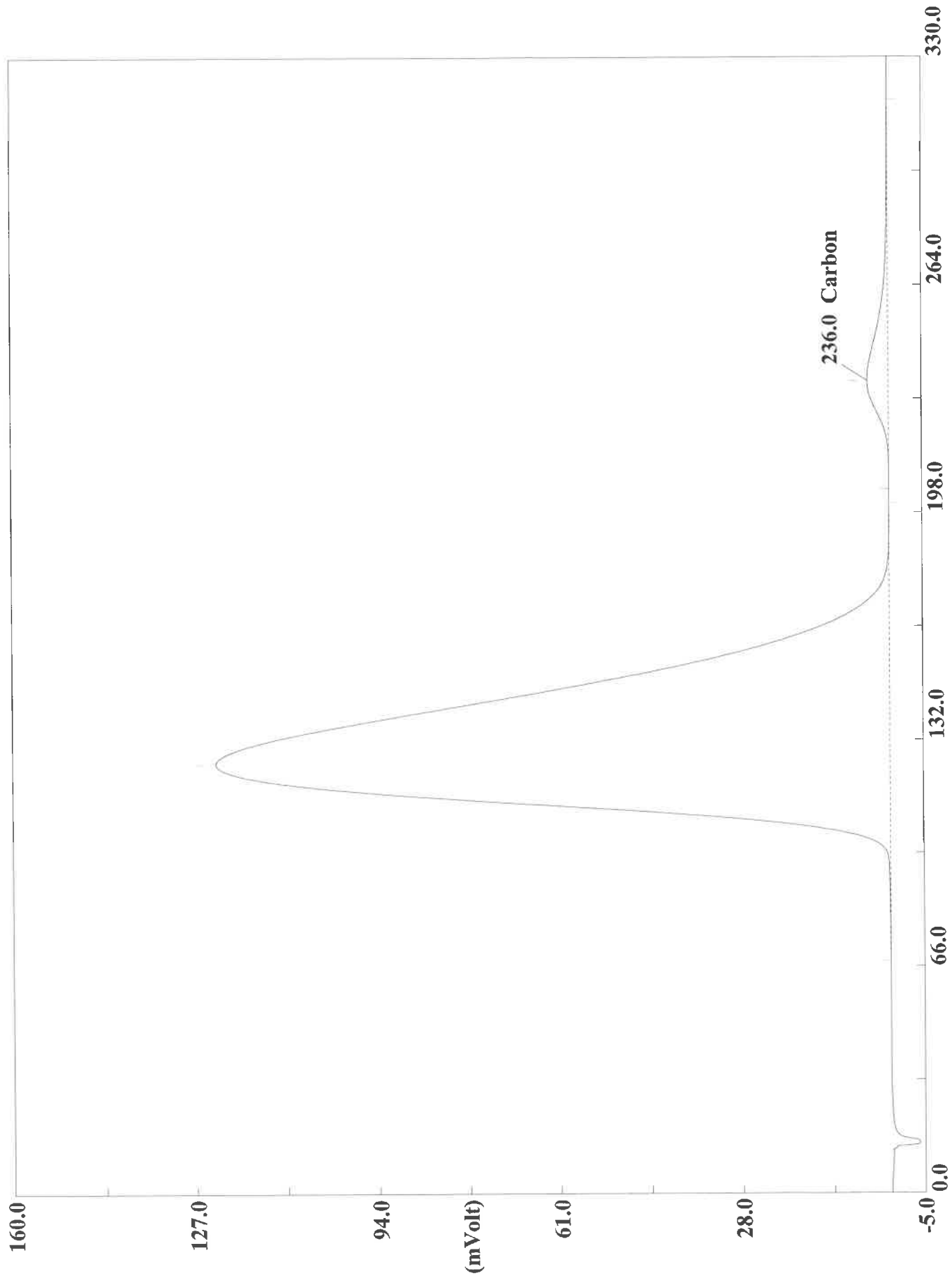
Page: 1 Sample: 180-111287-A-17 (A092920060)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920060
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:07 Printed : 9/30/2020 07:12
Sample ID : 180-111287-A-17 (# 71)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9523	236	1115078	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920061.DAT
Sample name :180-111287-A-17 Analysed :09/29/2020 19:13

Eager 300 Report

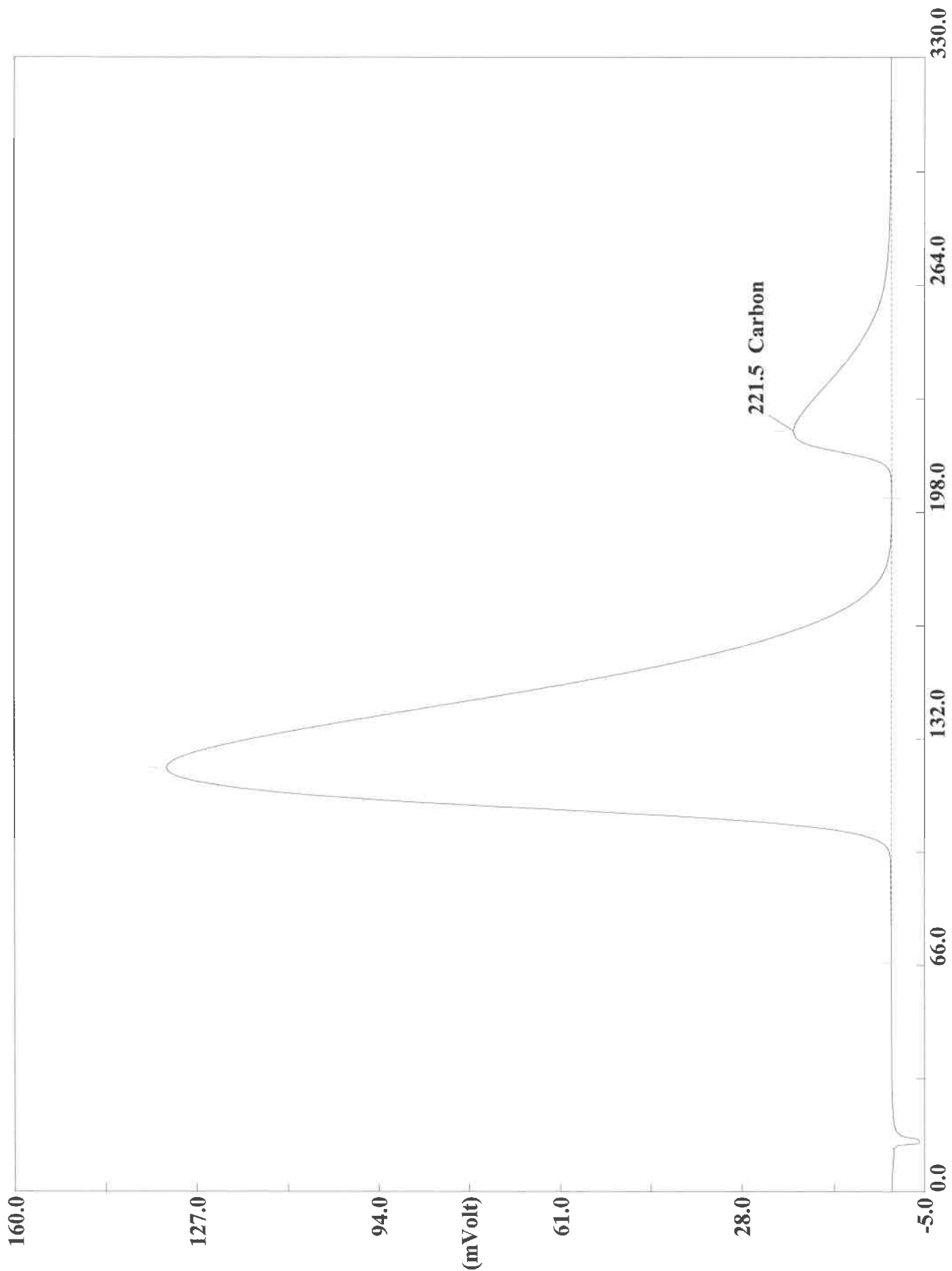
Page: 1 Sample: 180-111287-A-17 (A092920061)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920061
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:13 Printed : 9/30/2020 07:12
Sample ID : 180-111287-A-17 (# 72)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9660	236	1101167	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920063.DAT
Sample name :CCV Analysed :09/29/2020 19:24

Eager 300 Report

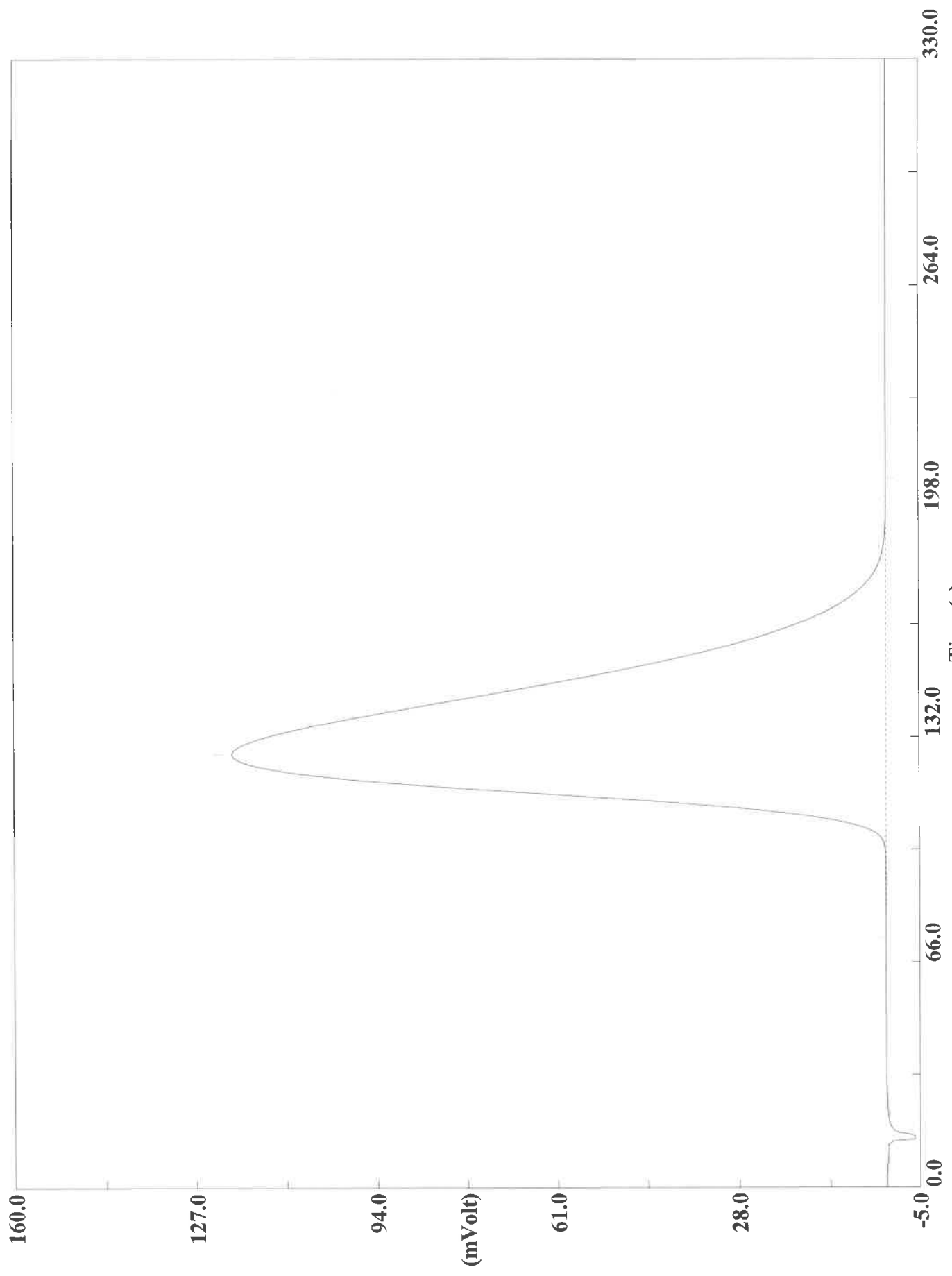
Page: 1 Sample: CCV (A092920063)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920063
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:24 Printed : 9/30/2020 07:13
Sample ID : CCV (# 74)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9318	222	4841385	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920064.DAT
Sample name :CCB Analysed :09/29/2020 19:30

Eager 300 Report

Page: 1 Sample: CCB (A092920064)

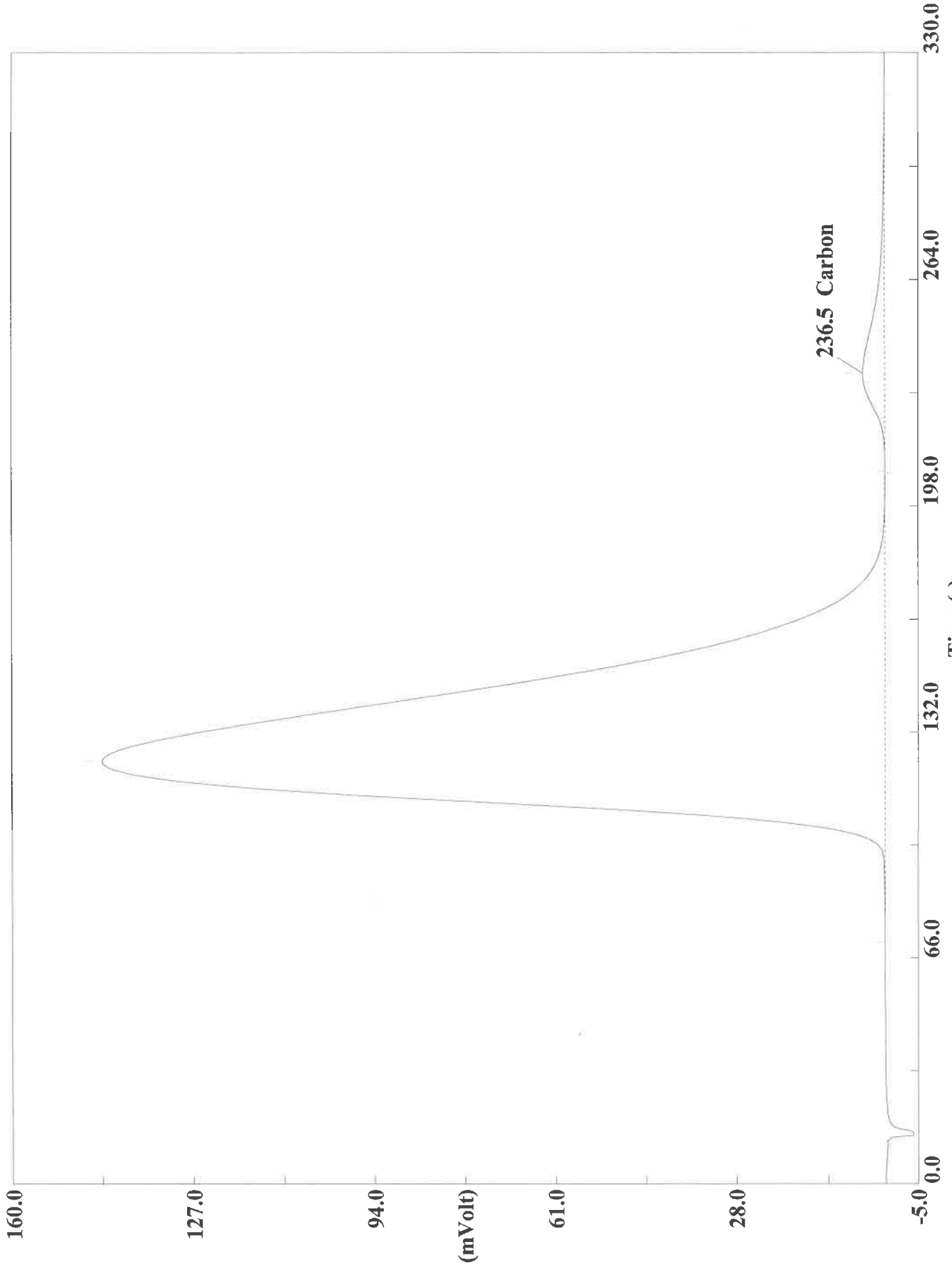
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920064
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:30 Printed : 9/30/2020 07:13
Sample ID : CCB (# 75)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920065.DAT
Sample name : 180-111287-A-18 Analysed : 09/29/2020 19:35

Eager 300 Report

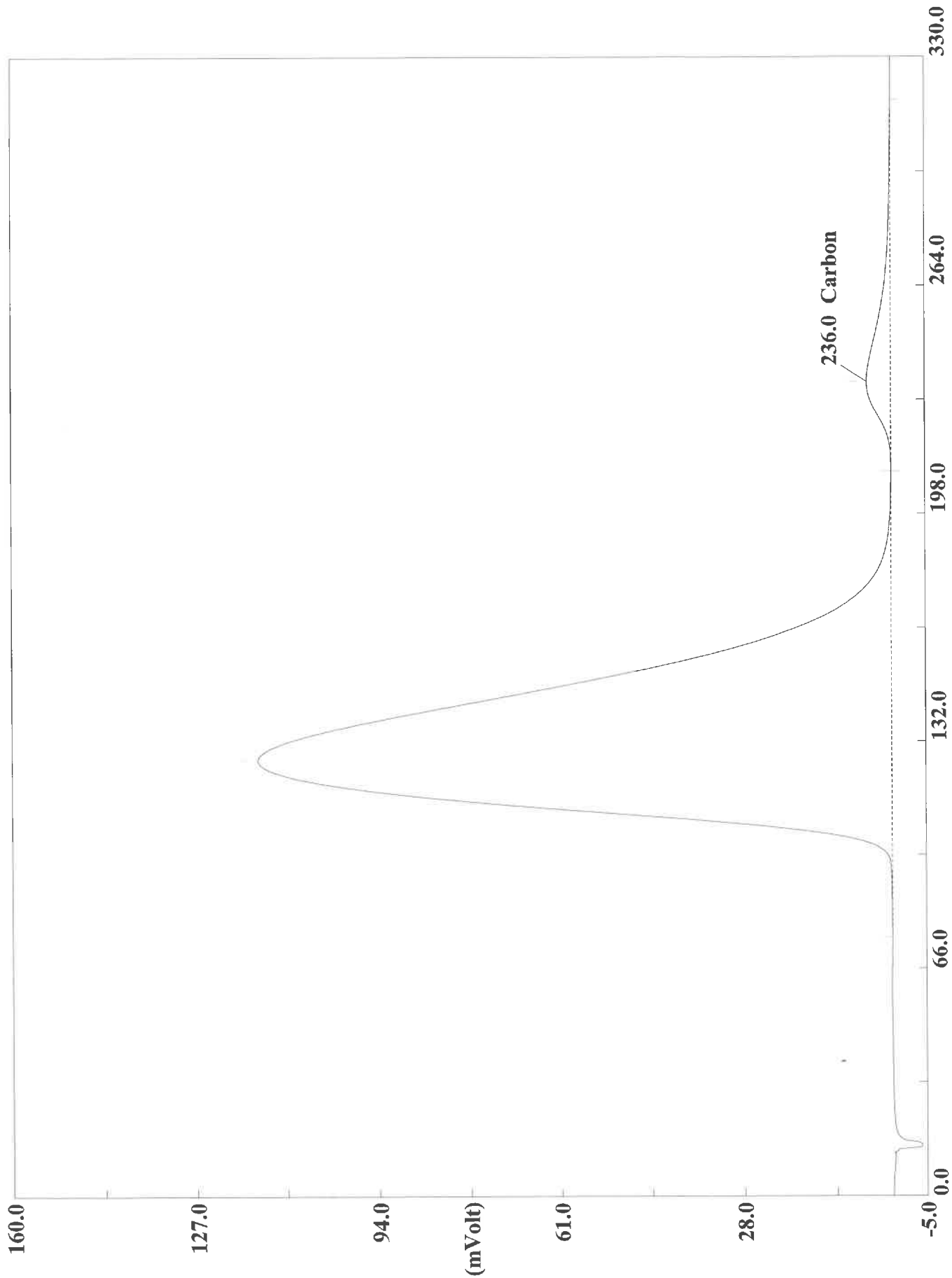
Page: 1 Sample: 180-111287-A-18 (A092920065)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920065
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:35 Printed : 9/30/2020 07:13
Sample ID : 180-111287-A-18 (# 76)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1599	237	1248178	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920066.DAT
Sample name :180-111287-A-18 Analysed :09/29/2020 19:41

Eager 300 Report

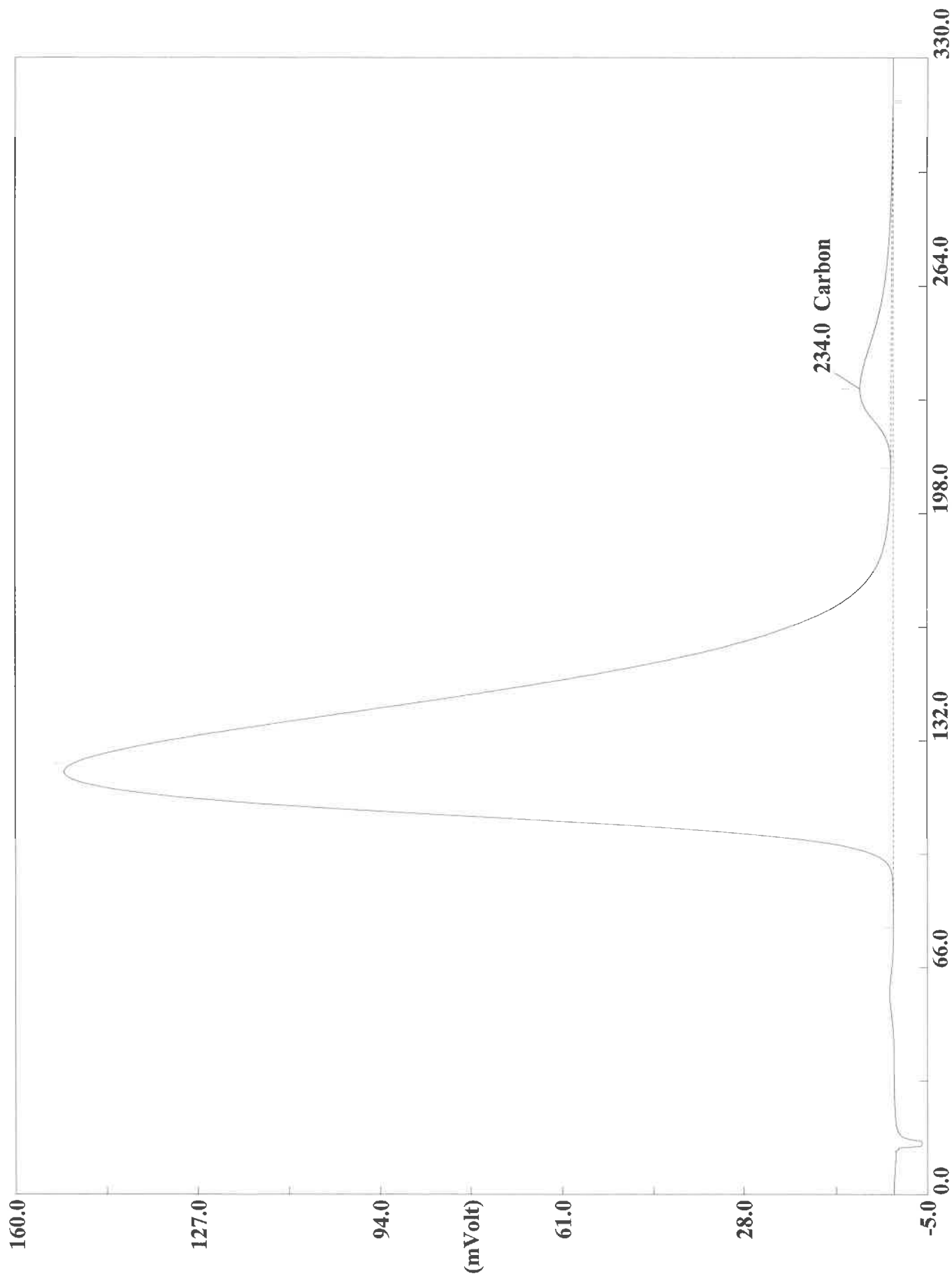
Page: 1 Sample: 180-111287-A-18 (A092920066)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920066
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:41 Printed : 9/30/2020 07:13
Sample ID : 180-111287-A-18 (# 77)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2367	236	1416335	RS	1.000000	

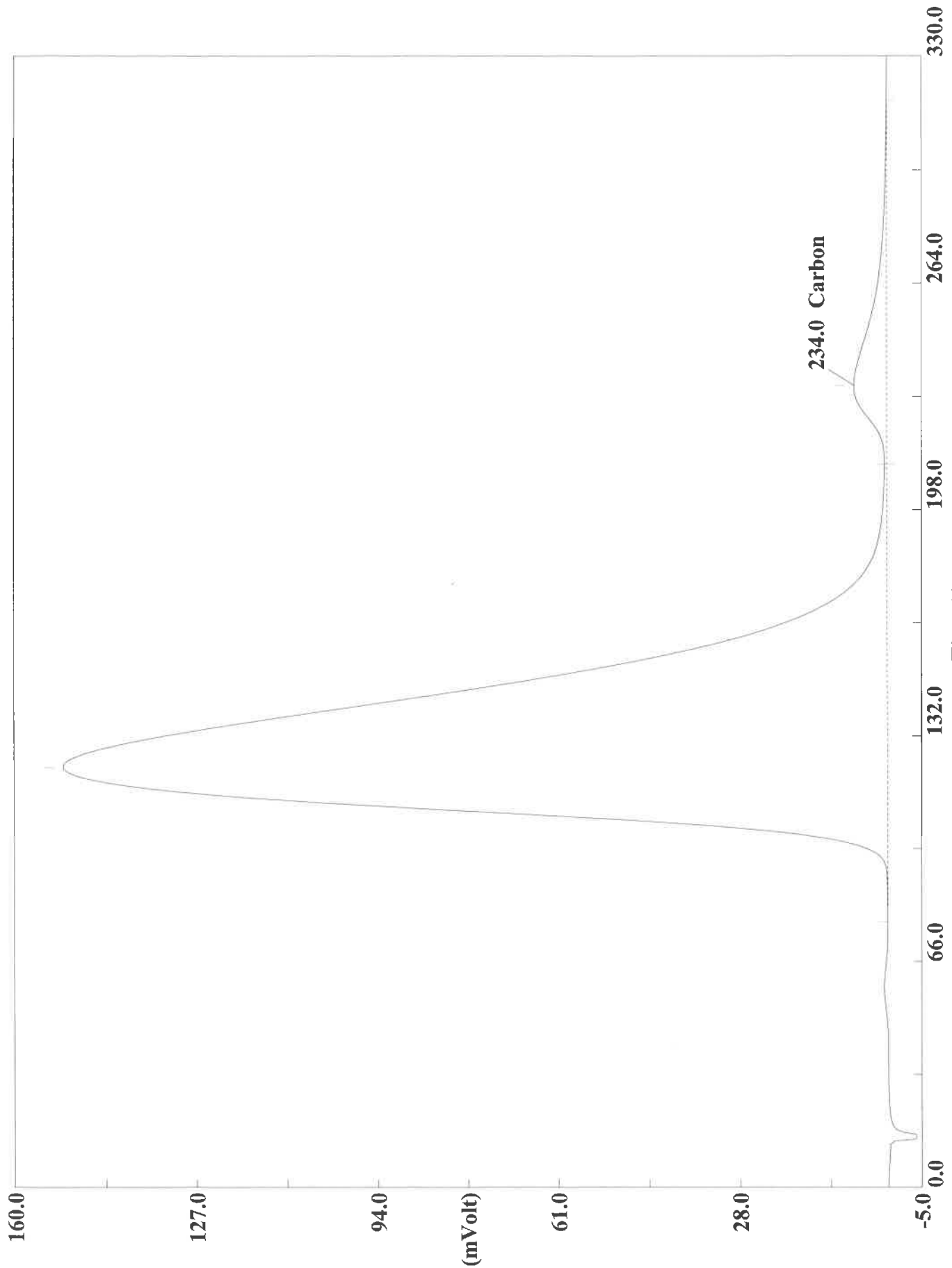
NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920068.DAT

Sample name : 180-111287-A-19 Analysed : 09/29/2020 19:52

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920068.DAT
Sample name :180-111287-A-19 Analysed :09/29/2020 19:52

Eager 300 Report

Page: 1 Sample: 180-111287-A-19 (A092920068)

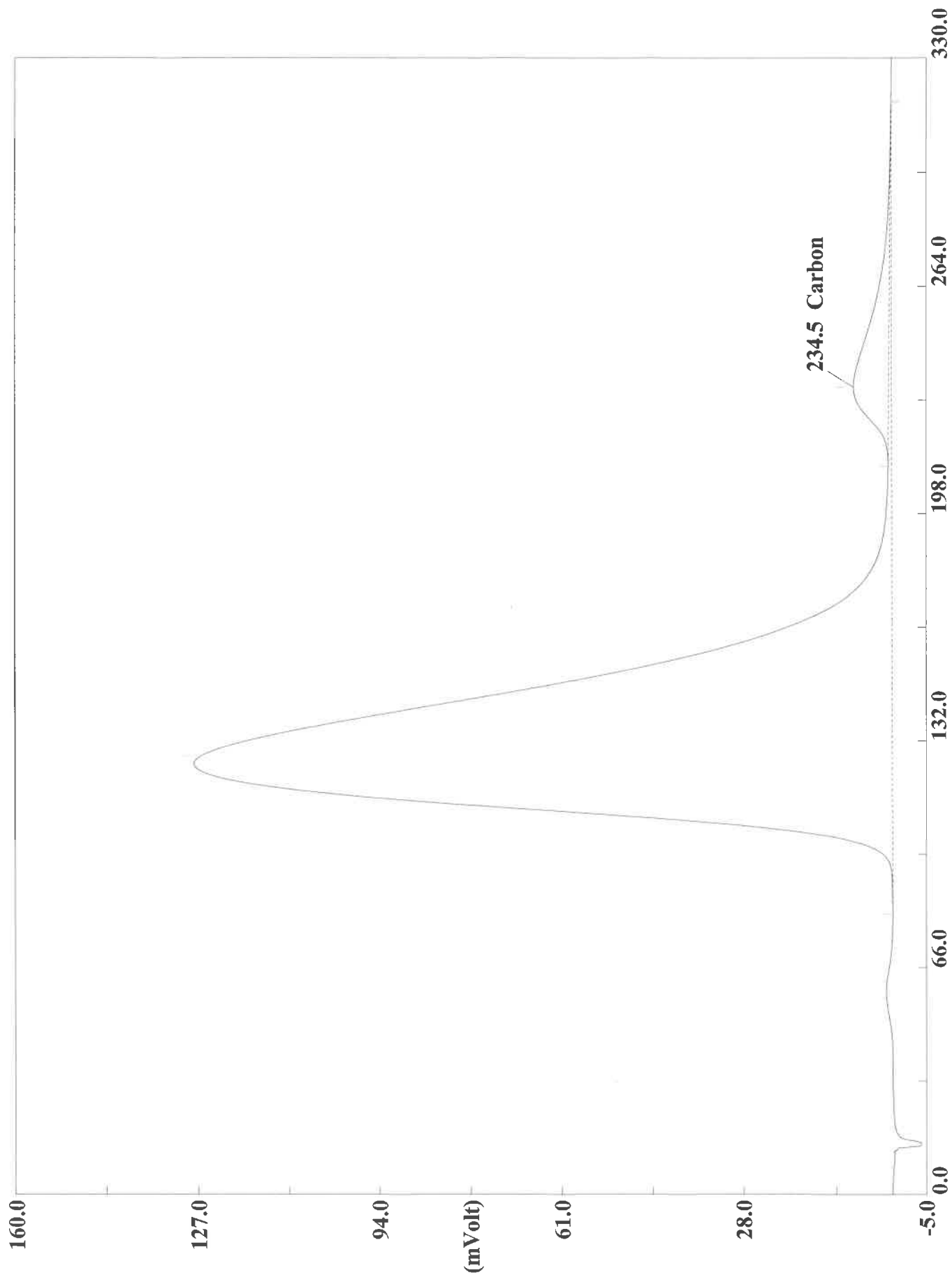
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920068
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:52 Printed : 9/30/2020 07:14
Sample ID : 180-111287-A-19 (# 79)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.8

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

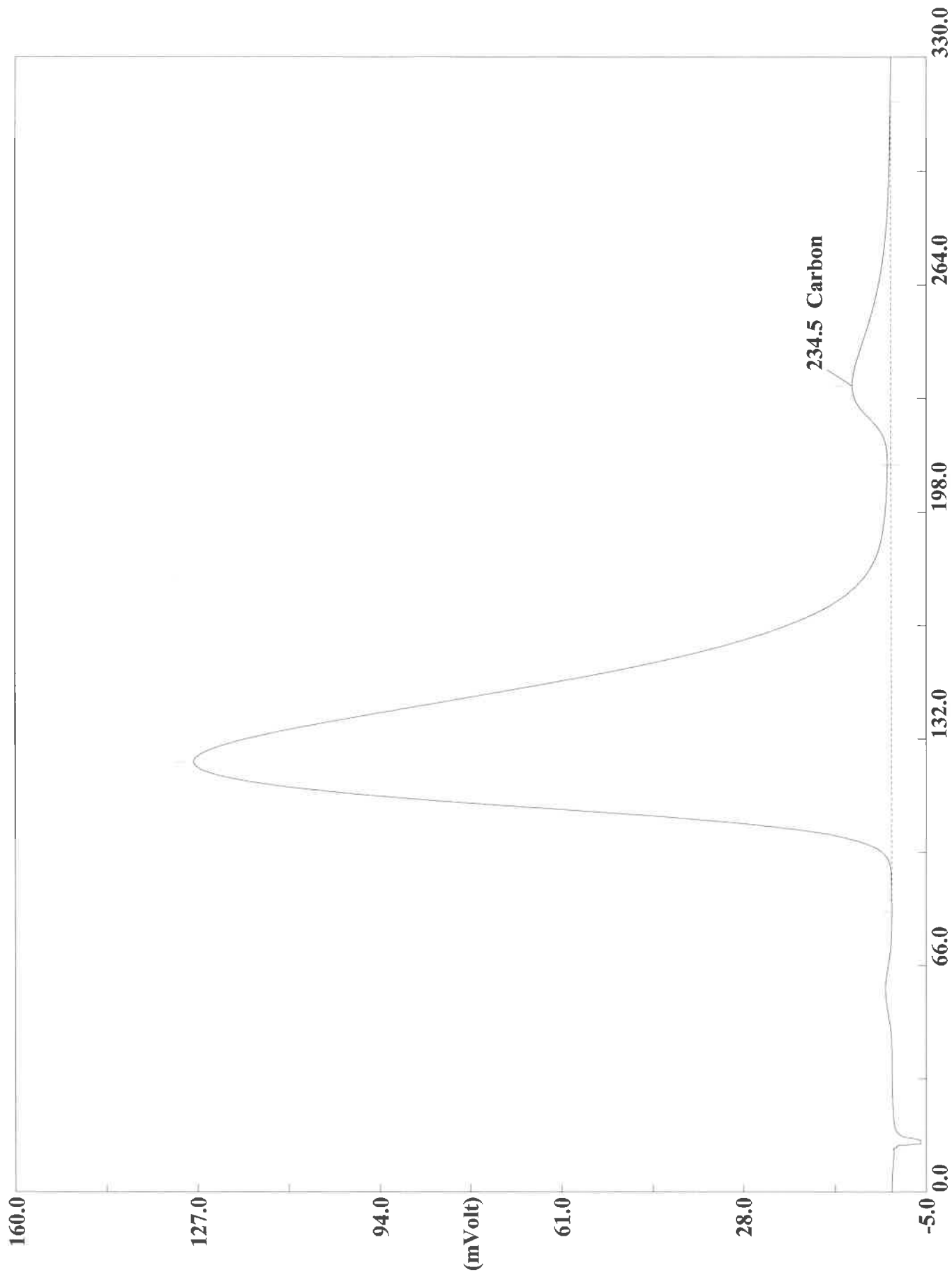
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1905	234	2012183	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920069.DAT
Sample name : 180-111287-A-19 Analysed : 09/29/2020 19:57

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920069.DAT
Sample name : 180-111287-A-19 Analysed : 09/29/2020 19:57

Eager 300 Report

Page: 1 Sample: 180-111287-A-19 (A092920069)

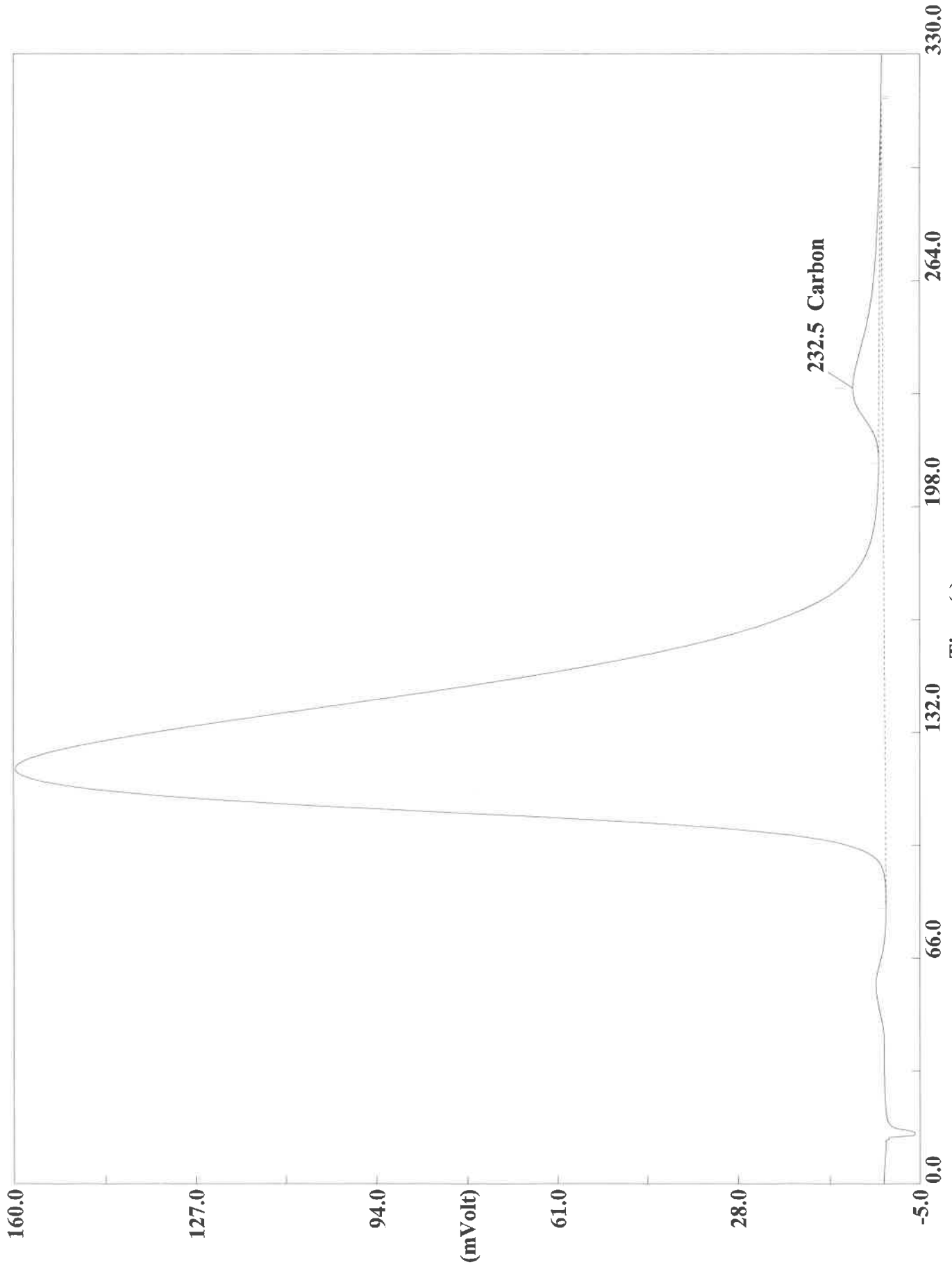
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920069
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 19:57 Printed : 9/30/2020 07:15
Sample ID : 180-111287-A-19 (# 80)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

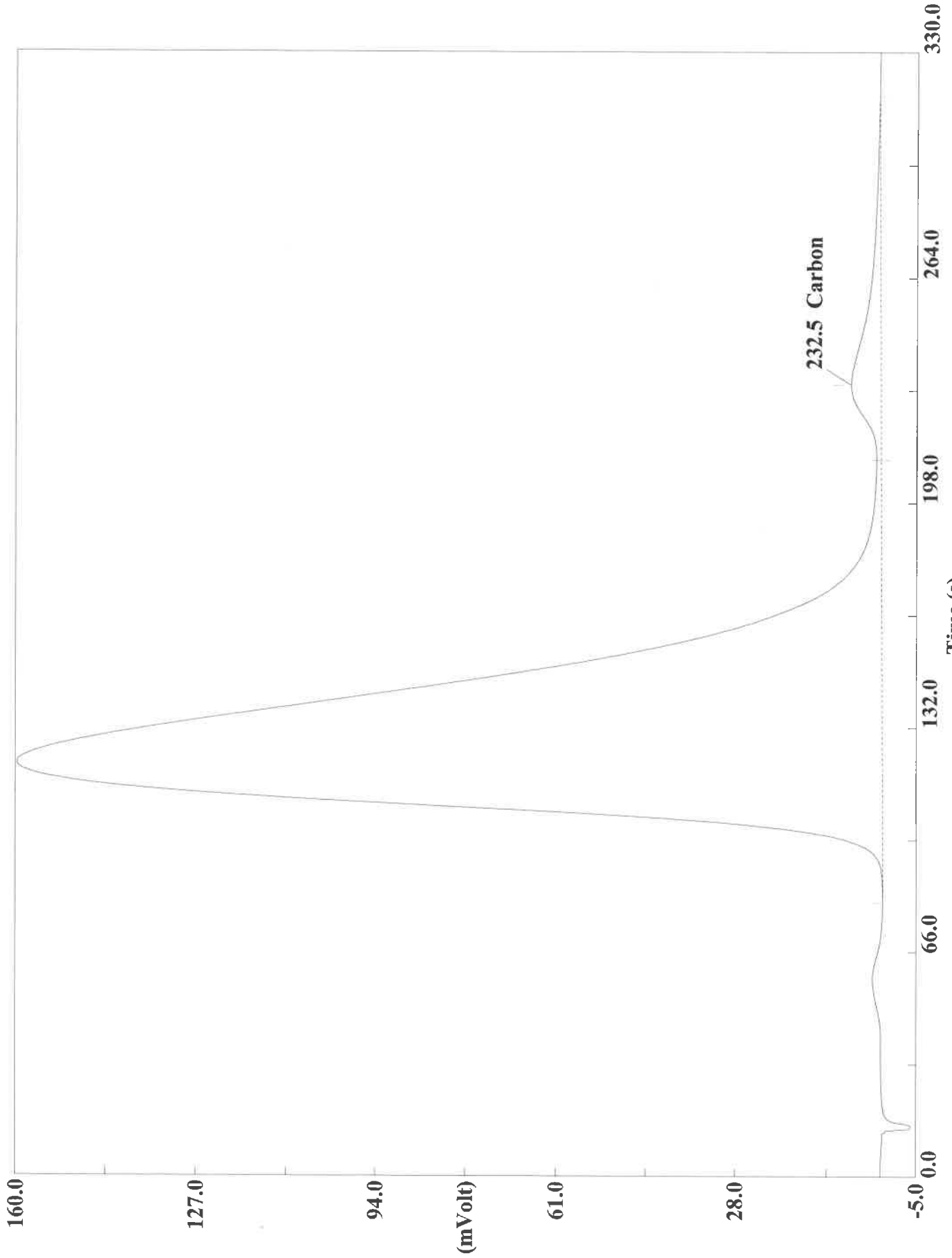
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2221	235	2424456	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920071.DAT
Sample name : 180-111287-A-22 Analysed : 09/29/2020 20:09

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920071.DAT
Sample name : 180-111287-A-22 Analyzed : 09/29/2020 20:09

Eager 300 Report

Page: 1 Sample: 180-111287-A-22 (A092920071)

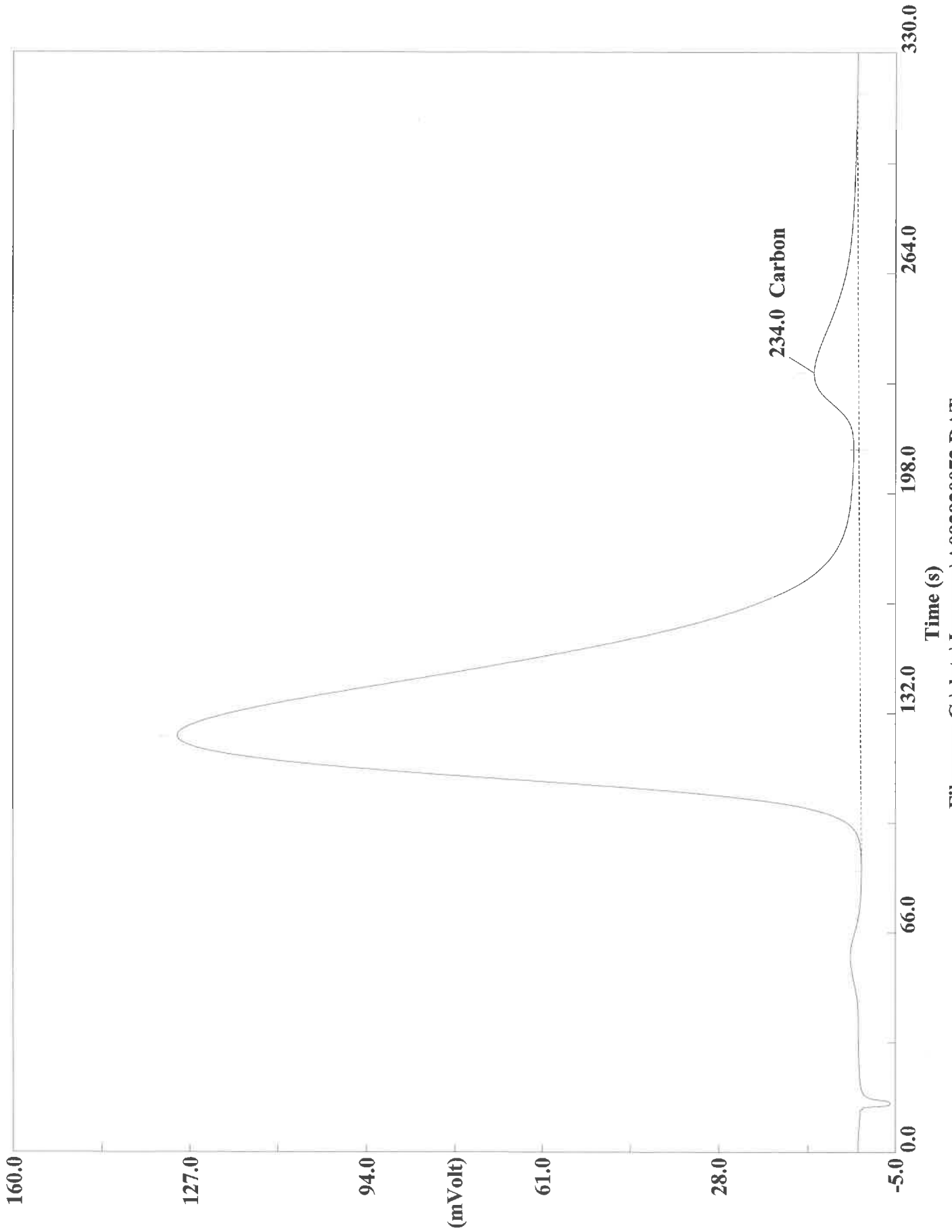
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920071
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:09 Printed : 9/30/2020 07:15
Sample ID : 180-111287-A-22 (# 82)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.7

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8441	233	1969500	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920072.DAT

Sample name : 180-111287-A-22 Analysed : 09/29/2020 20:14

Eager 300 Report

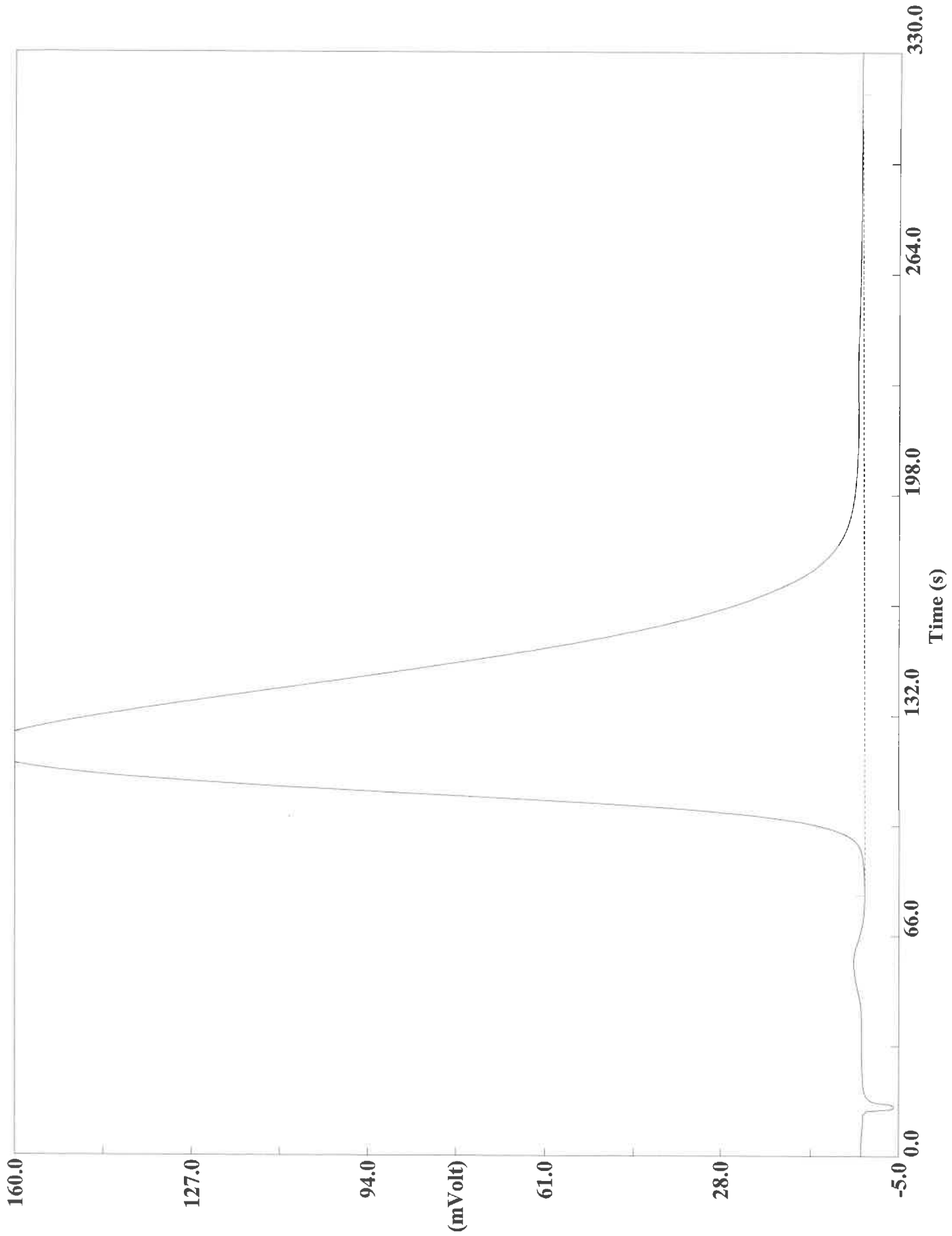
Page: 1 Sample: 180-111287-A-22 (A092920072)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920072
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:14 Printed : 9/30/2020 07:16
Sample ID : 180-111287-A-22 (# 83)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

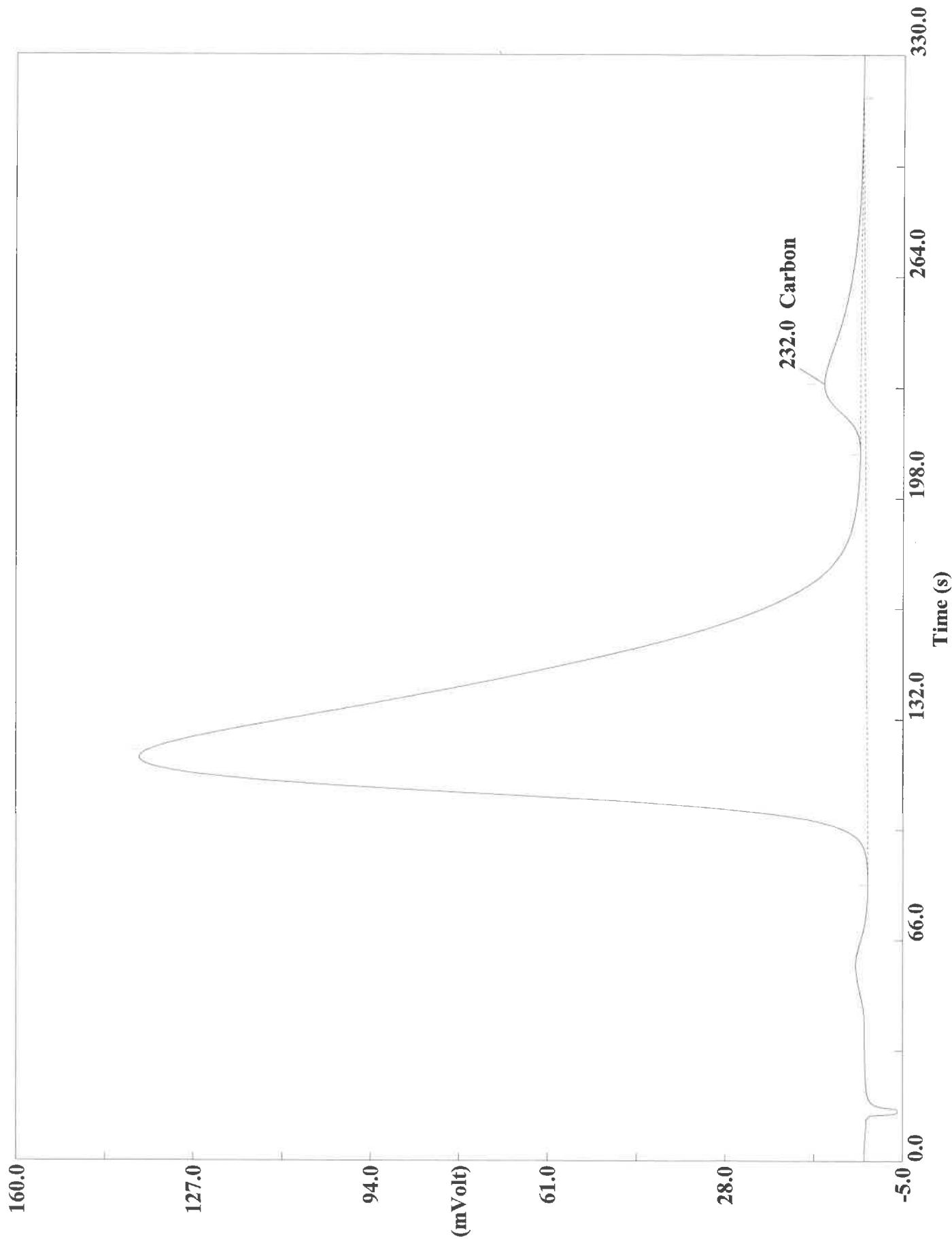
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5506	234	2866241	FU	1.000000	

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920073.DAT
Sample name :Rinse Analysed :09/29/2020 20:20

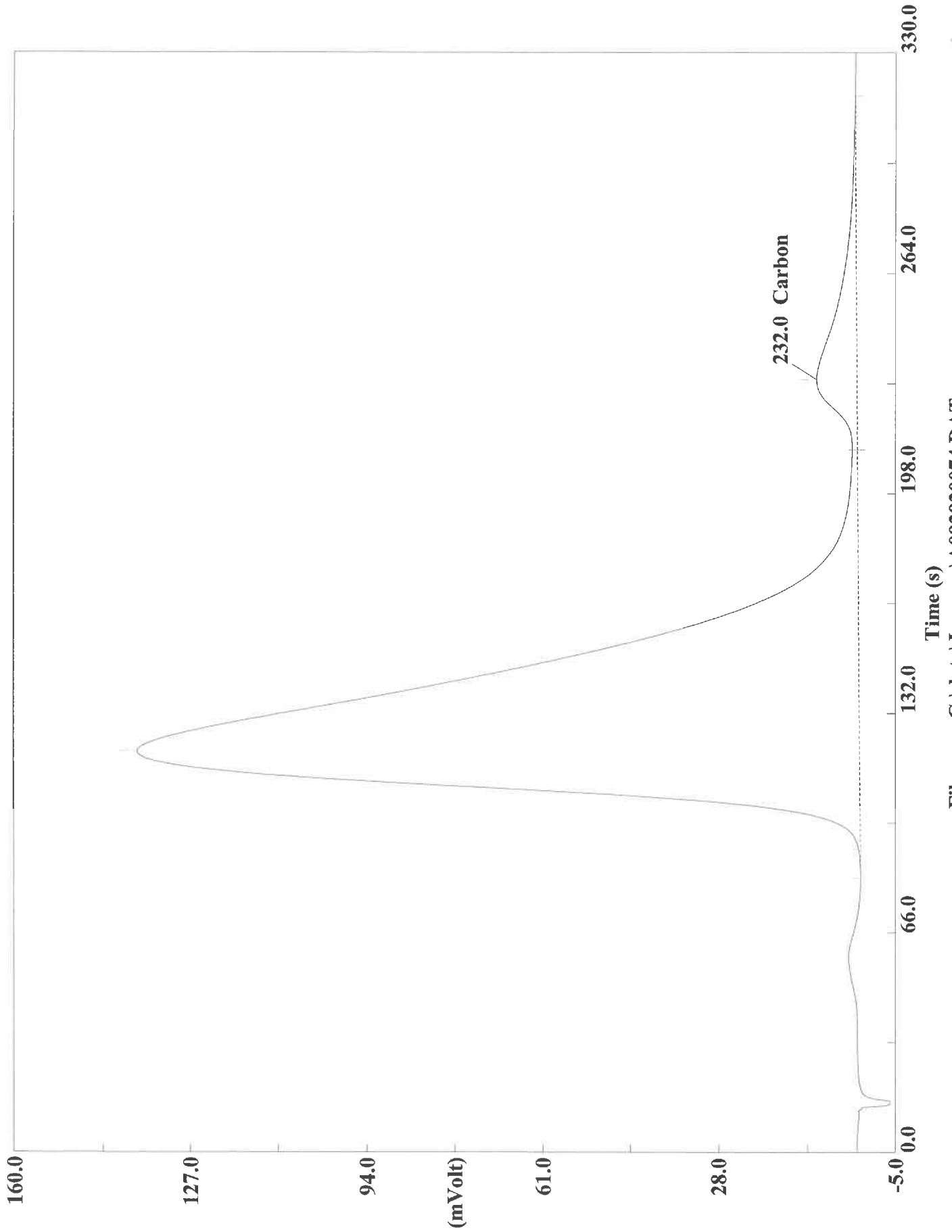
NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920074.DAT

Sample name :180-111287-A-23 Analysed :09/29/2020 20:25

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920074.DAT
Sample name : 180-111287-A-23 Analysed : 09/29/2020 20:25

Eager 300 Report

Page: 1 Sample: 180-111287-A-23 (A092920074)

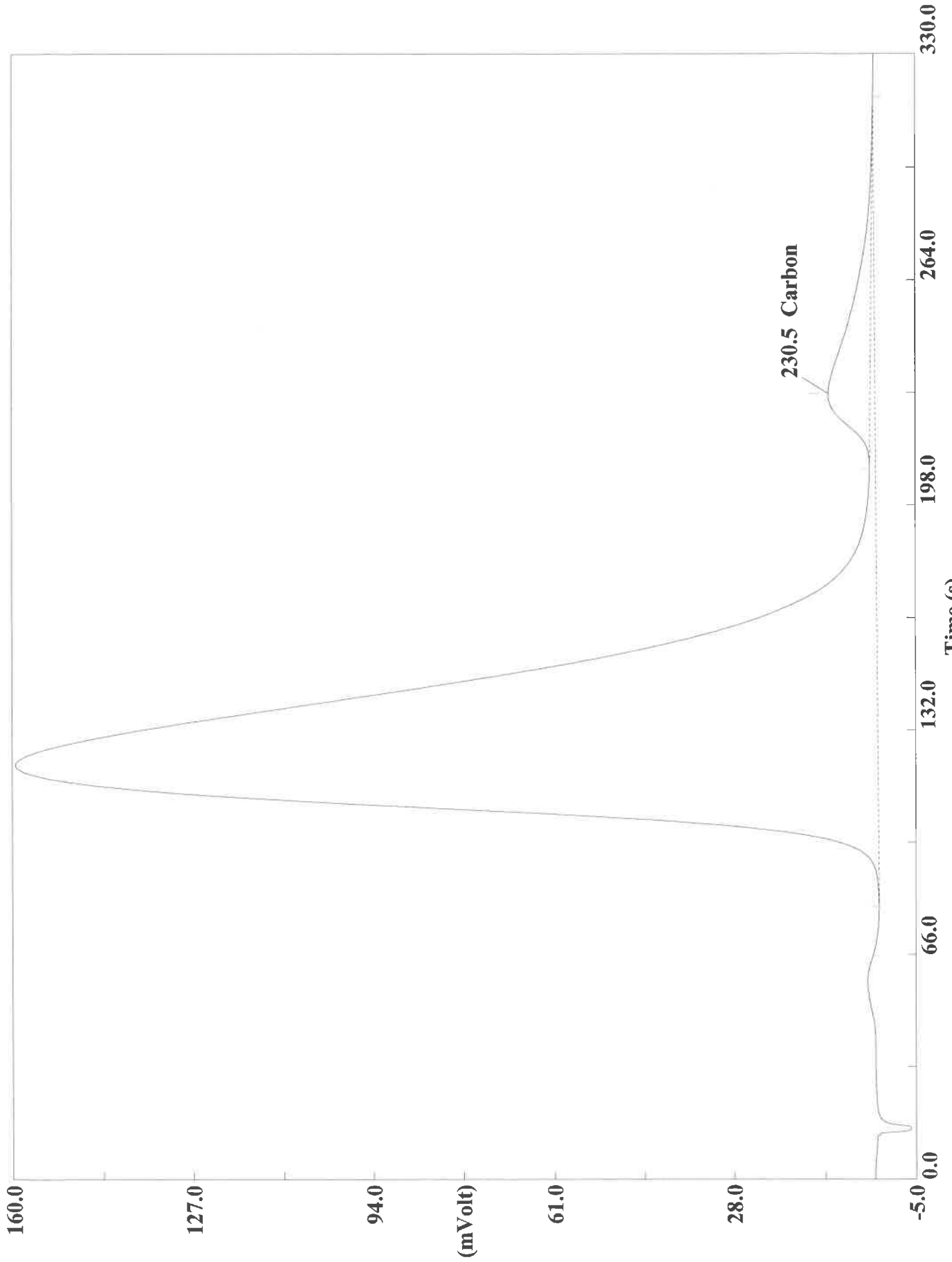
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920074
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:25 Printed : 9/30/2020 07:16
Sample ID : 180-111287-A-23 (# 85)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

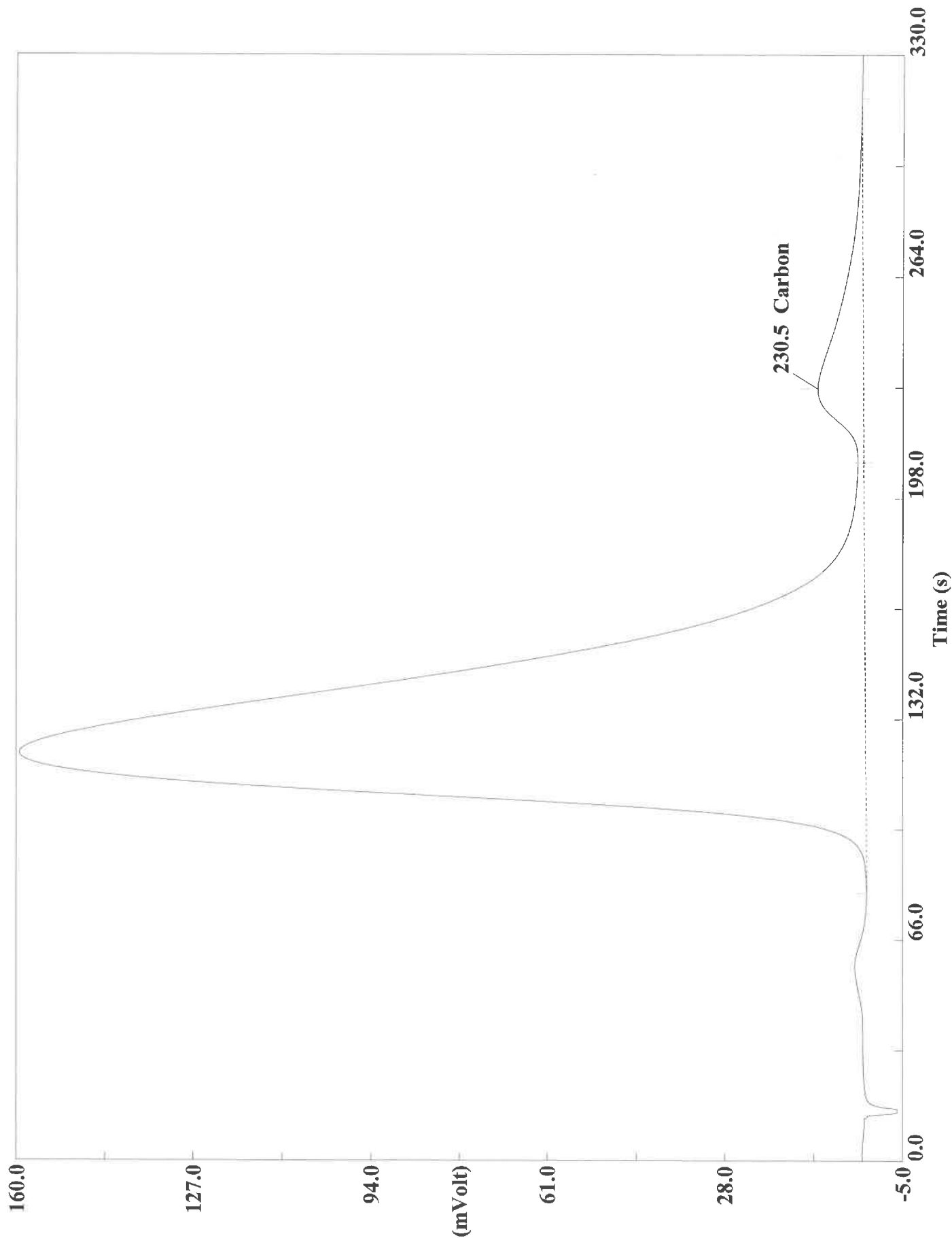
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2581	232	2676300	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920075.DAT
Sample name : 180-111287-A-23 Analysed : 09/29/2020 20:31

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920075.DAT
Sample name :180-111287-A-23 Analysed :09/29/2020 20:31

Eager 300 Report

Page: 1 Sample: 180-111287-A-23 (A092920075)

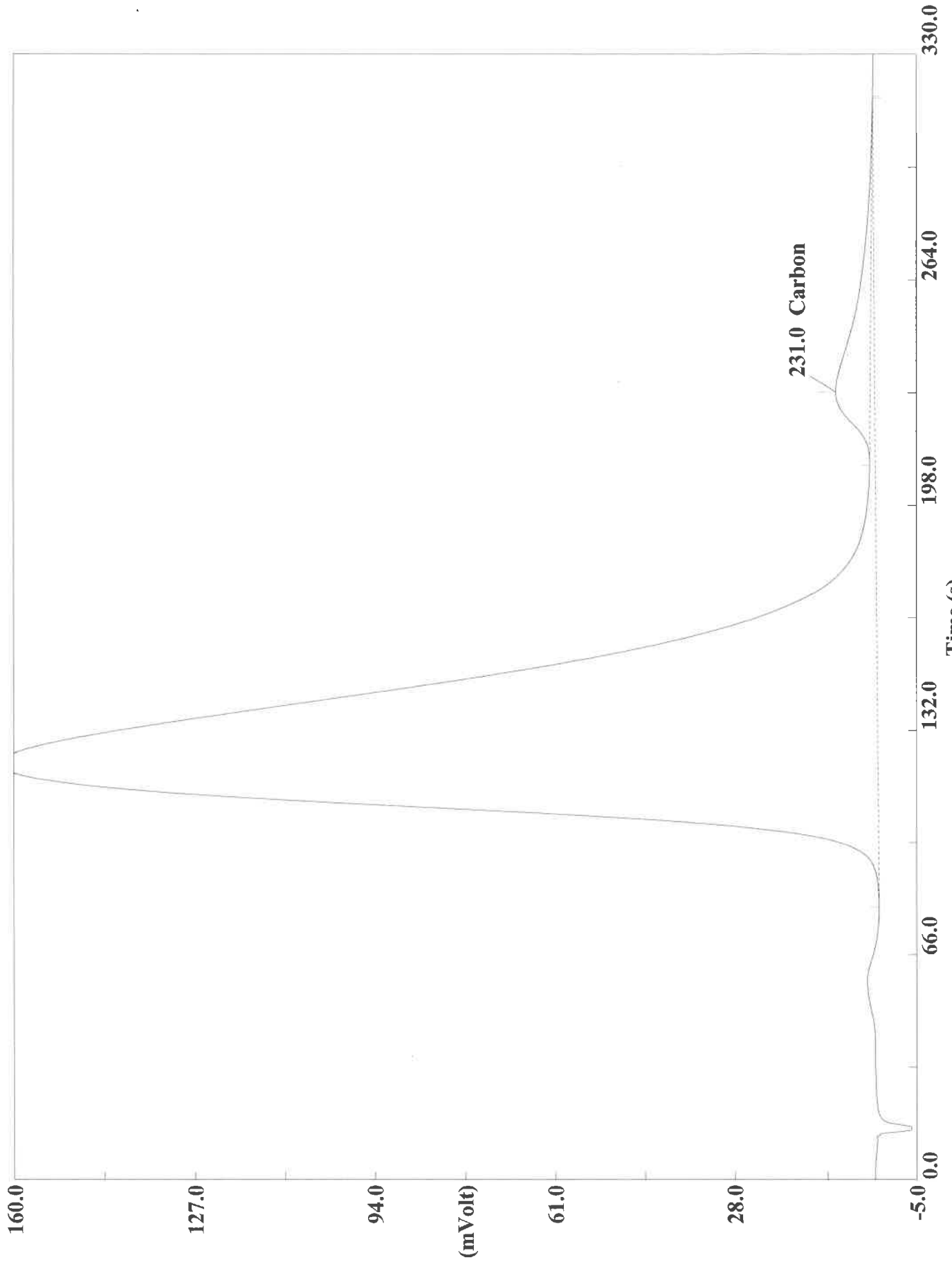
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920075
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:31 Printed : 9/30/2020 07:16
Sample ID : 180-111287-A-23 (# 86)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

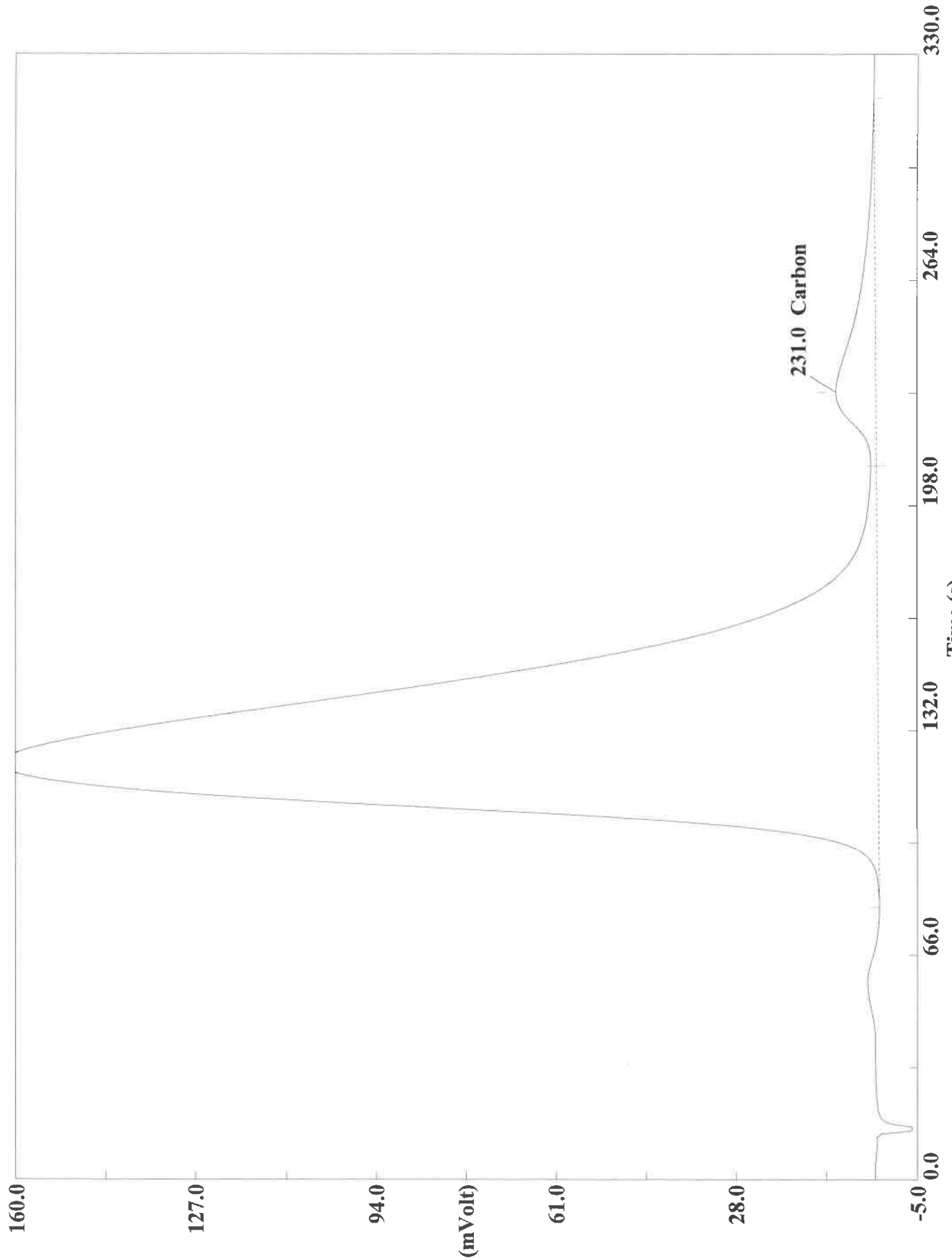
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7536	231	3283105	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920077.DAT
Sample name : 180-111287-A-24 Analysed : 09/29/2020 20:42

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920077.DAT
Sample name : 180-111287-A-24 Analysed : 09/29/2020 20:42

Eager 300 Report

Page: 1 Sample: 180-111287-A-24 (A092920077)

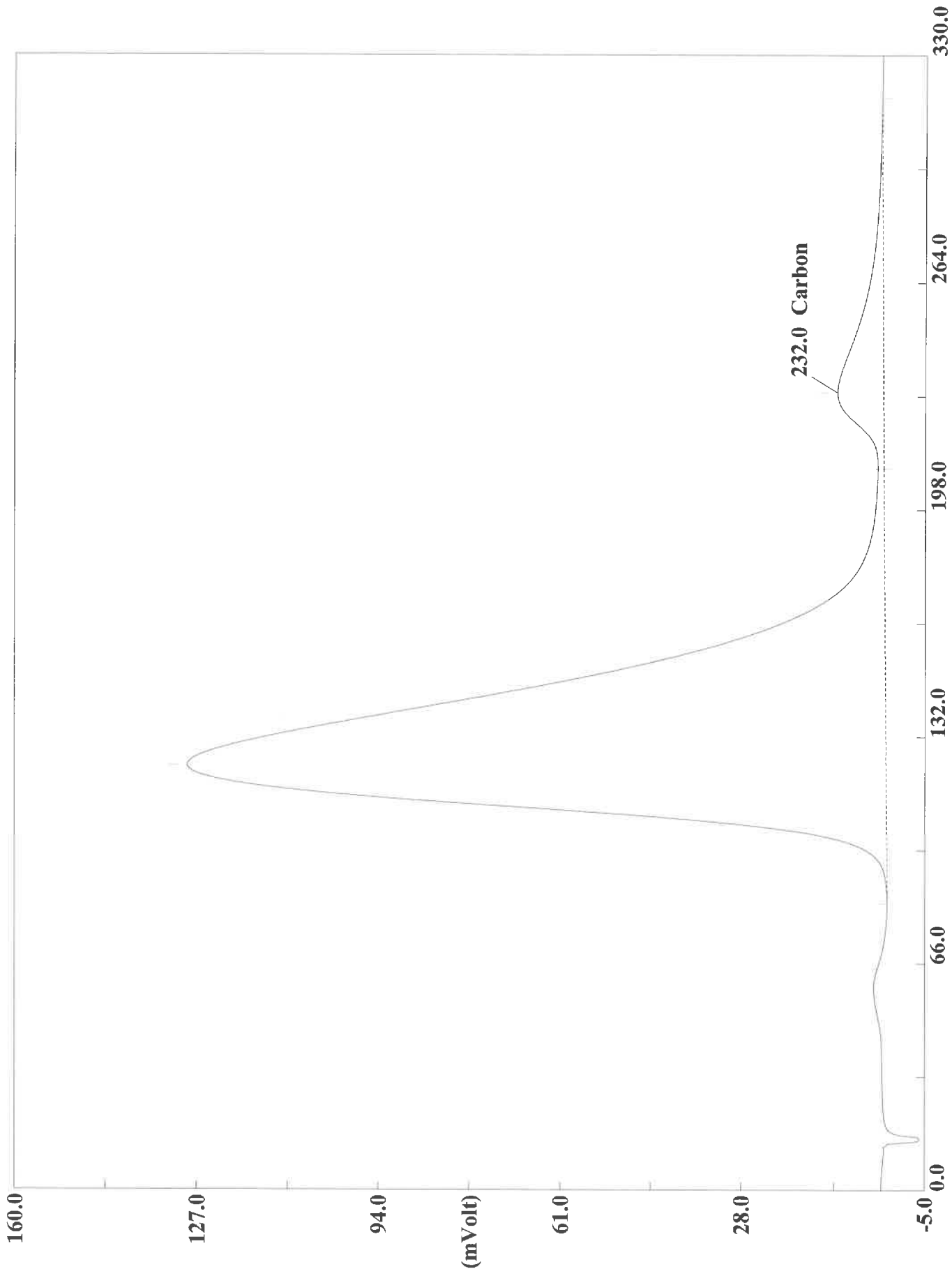
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920077
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:42 Printed : 9/30/2020 07:17
Sample ID : 180-111287-A-24 (# 88)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5516	231	2800696	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920078.DAT

Sample name : 180-111287-A-24 Analysed : 09/29/2020 20:48

Eager 300 Report

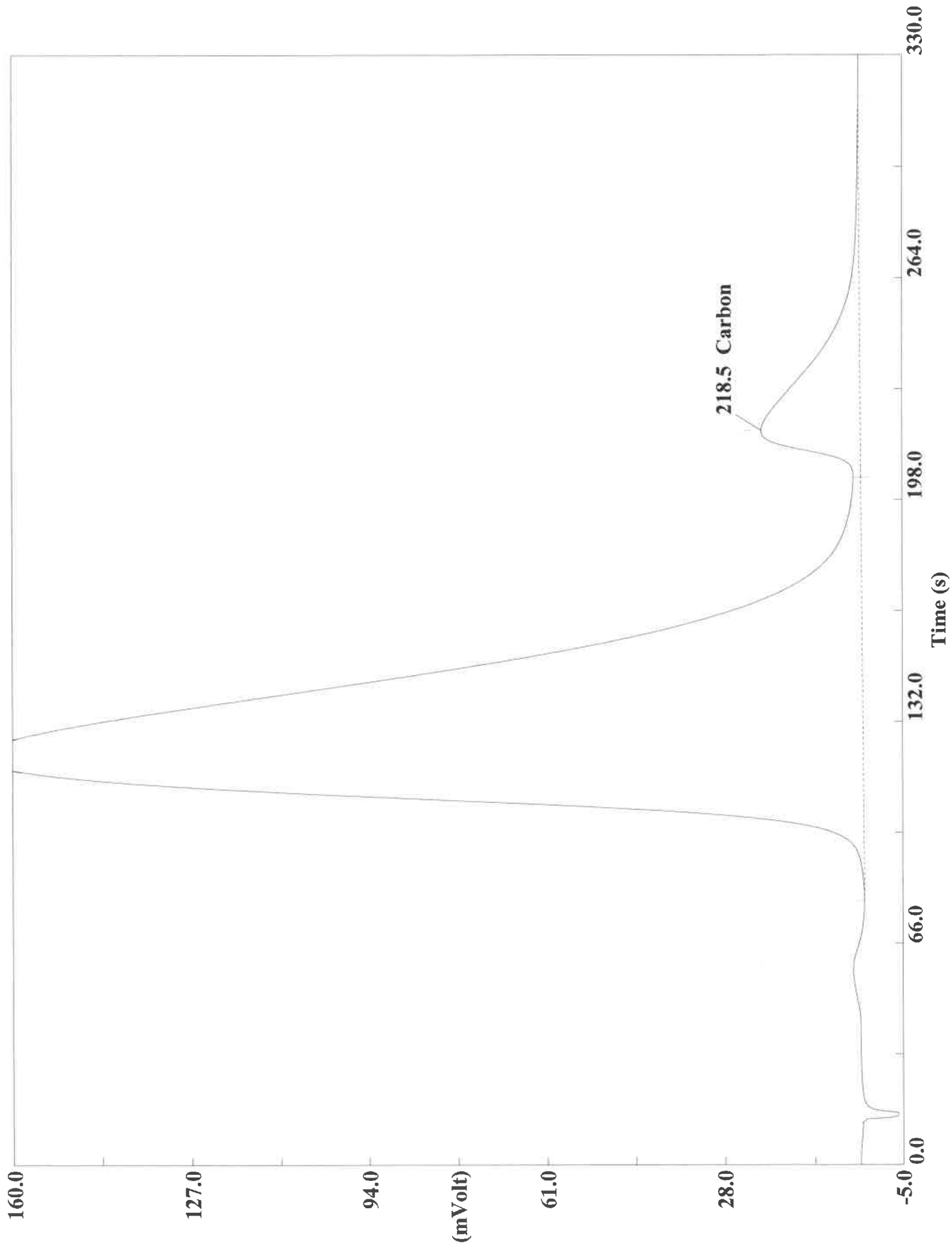
Page: 1 Sample: 180-111287-A-24 (A092920078)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920078
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:48 Printed : 9/30/2020 07:17
Sample ID : 180-111287-A-24 (# 89)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8711	232	3004501	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920080.DAT
Sample name :CCV Analysed :09/29/2020 20:59

Eager 300 Report

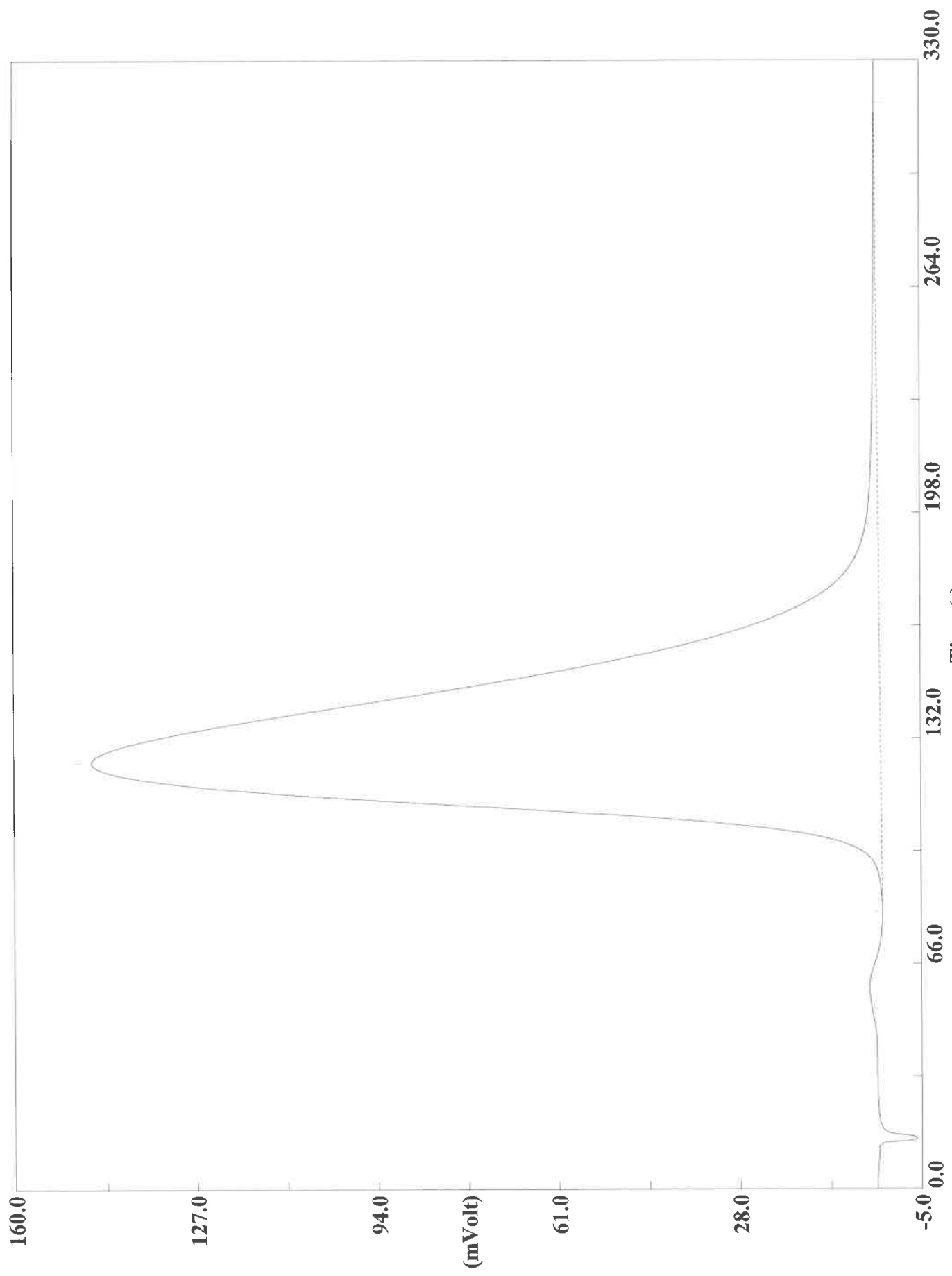
Page: 1 Sample: CCV (A092920080)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920080
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 20:59 Printed : 9/30/2020 07:18
Sample ID : CCV (# 91)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0253	219	5329710	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920081.DAT
Sample name :CCB Analysed :09/29/2020 21:04

Eager 300 Report

Page: 1 Sample: CCB (A092920081)

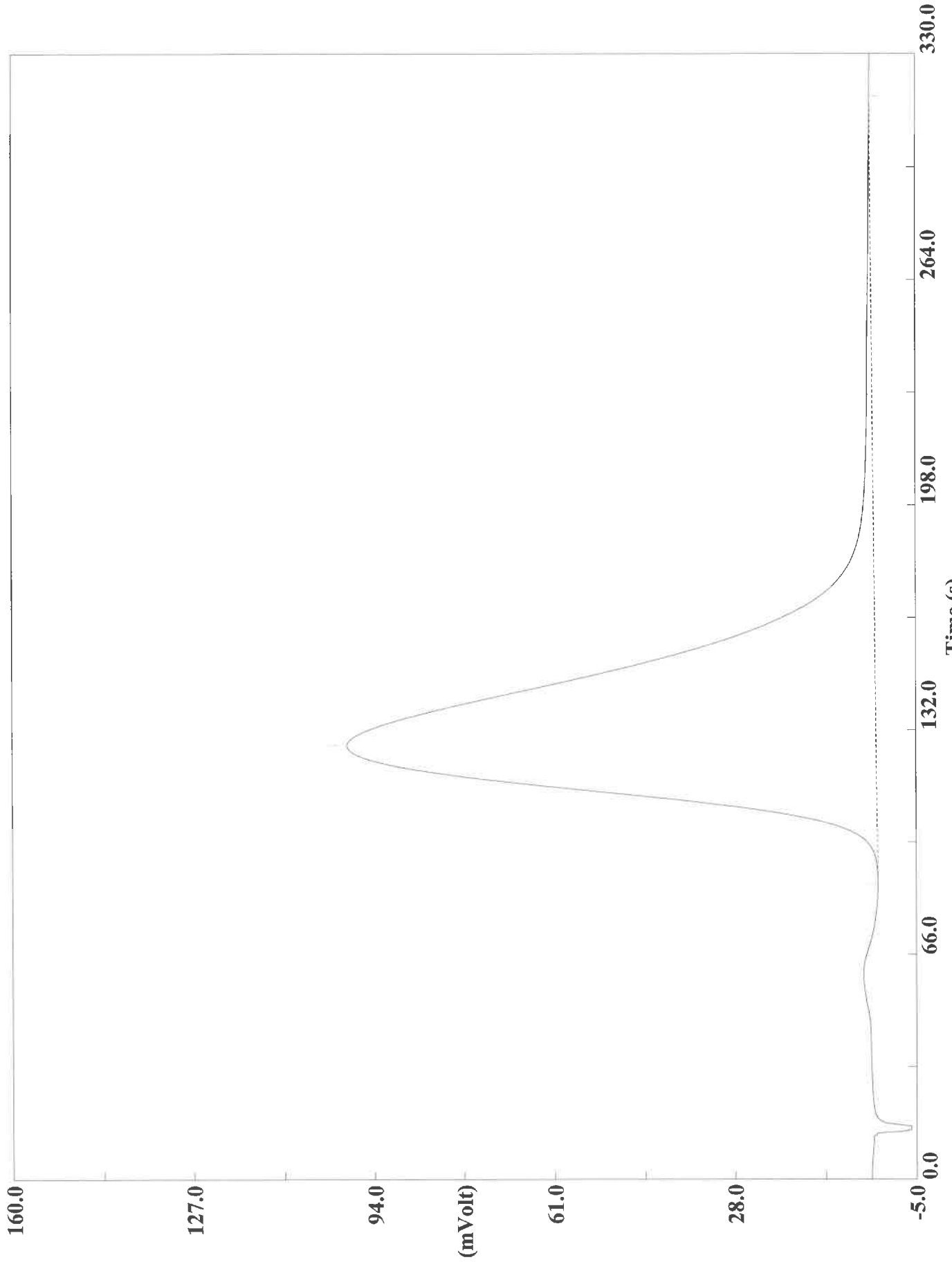
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920081
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:04 Printed : 9/30/2020 07:18
Sample ID : CCB (# 92)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920082.DAT
Sample name :MB Analysed :09/29/2020 21:10

Eager 300 Report

Page: 1 Sample: MB (A092920082)

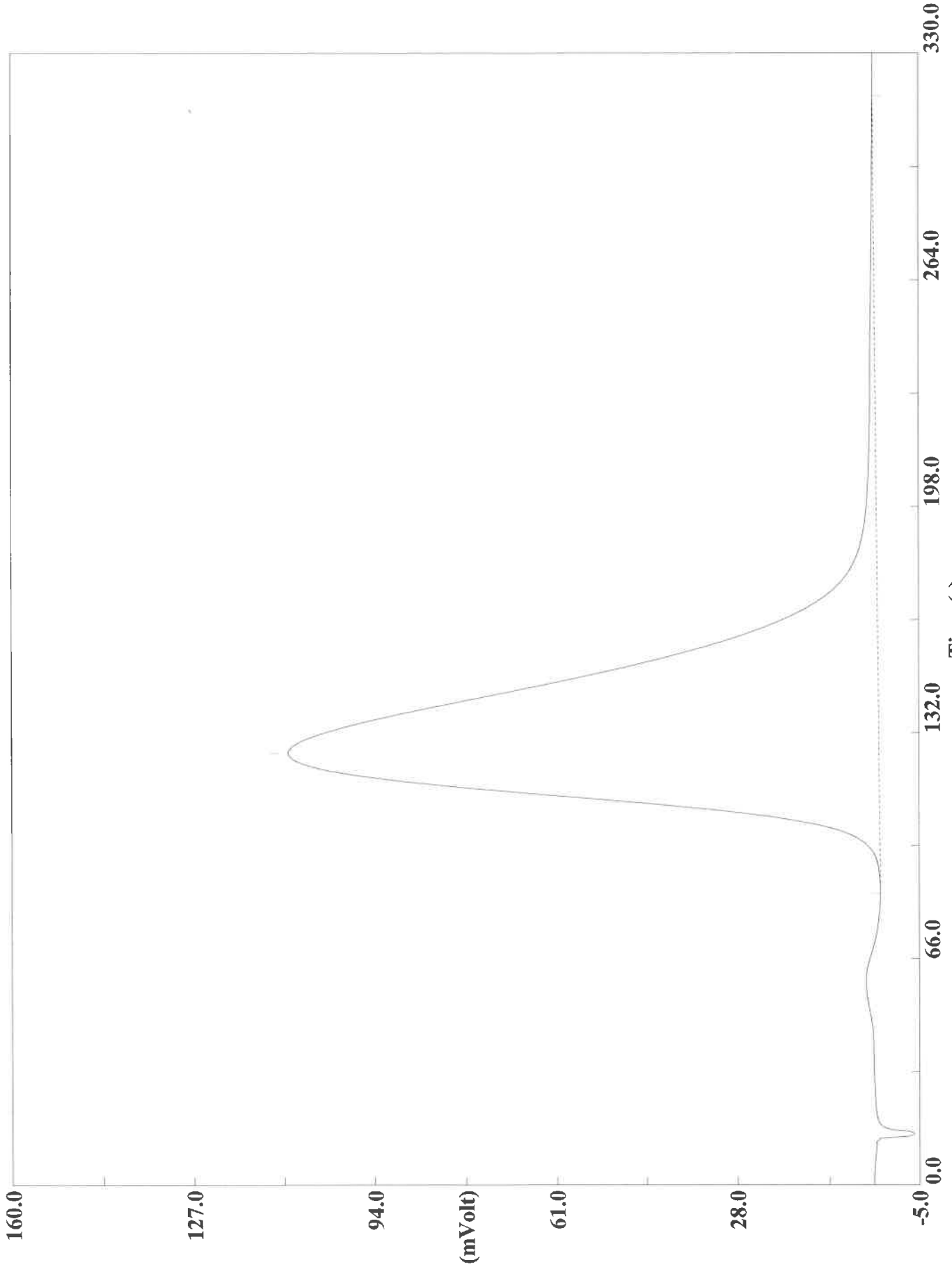
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920082
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:10 Printed : 9/30/2020 07:18
Sample ID : MB (# 93)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920083.DAT
Sample name :MB Analysed :09/29/2020 21:16

Eager 300 Report

Page: 1 Sample: MB (A092920083)

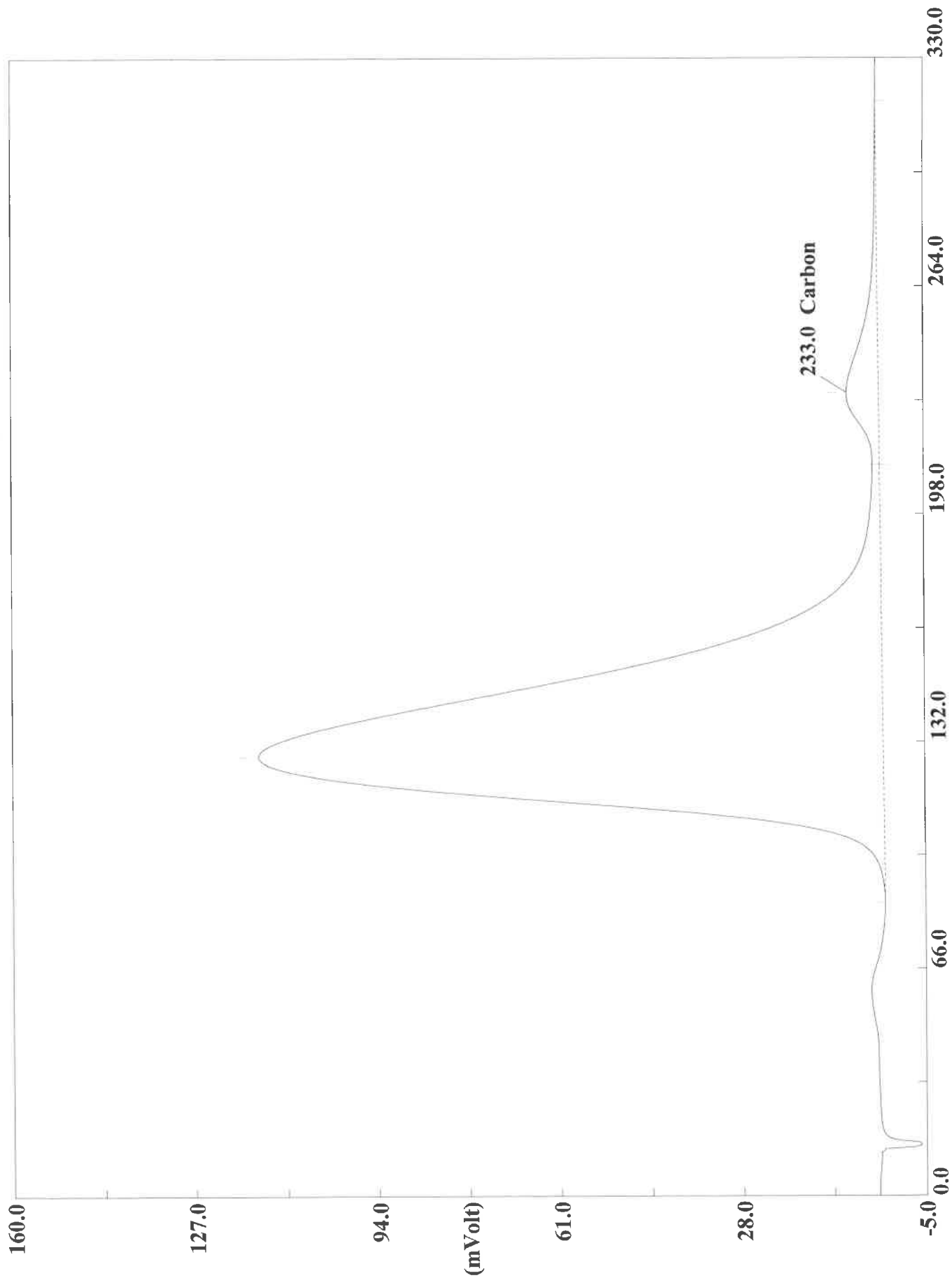
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920083
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:16 Printed : 9/30/2020 07:18
Sample ID : MB (# 94)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920084.DAT
Sample name :LCS Analysed :09/29/2020 21:21

Eager 300 Report

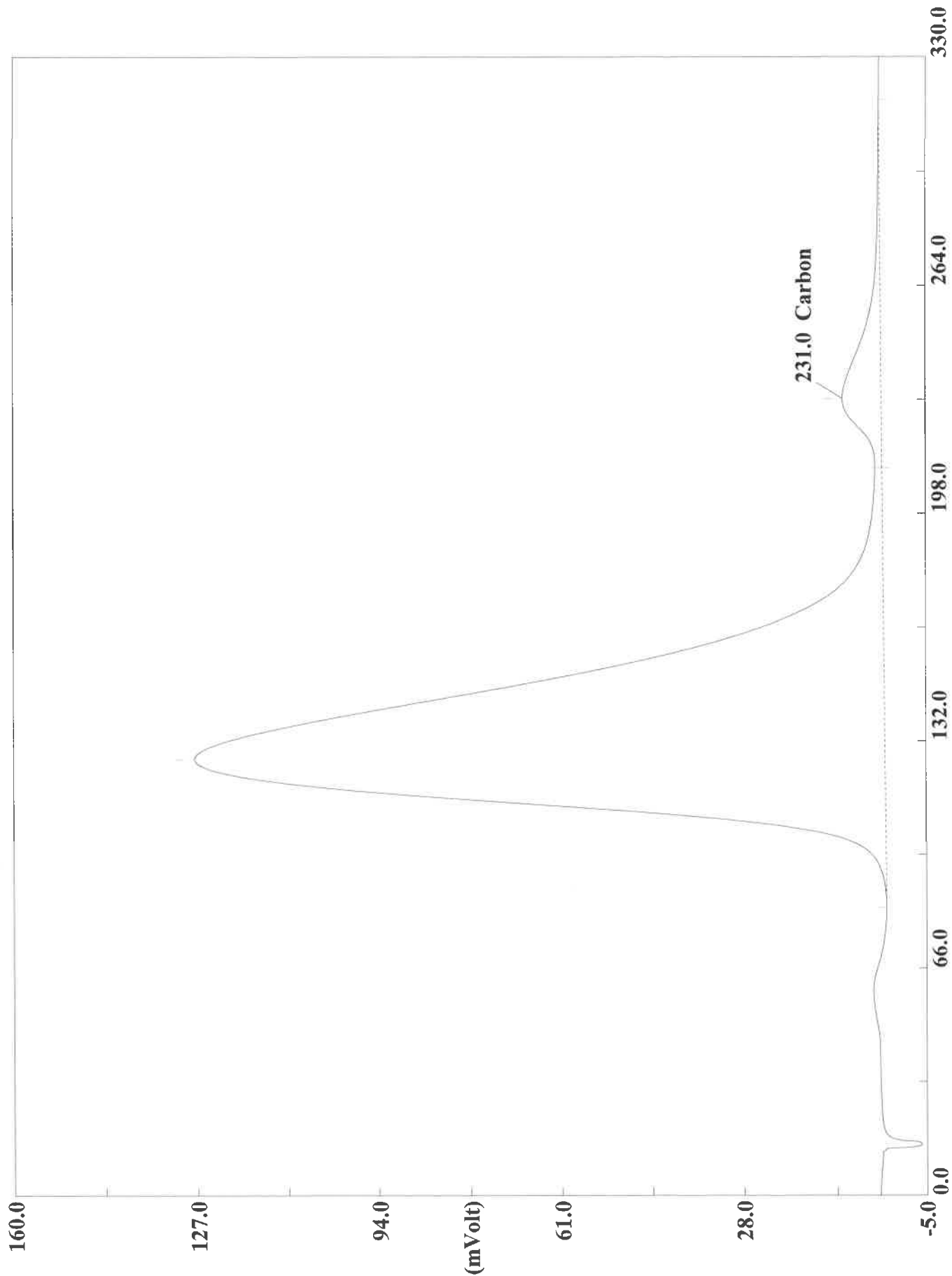
Page: 1 Sample: LCS (A092920084)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920084
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:21 Printed : 9/30/2020 07:18
Sample ID : LCS (# 95)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.9254	233	1882444	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920085.DAT
Sample name :LCS Analysed :09/29/2020 21:27

Eager 300 Report

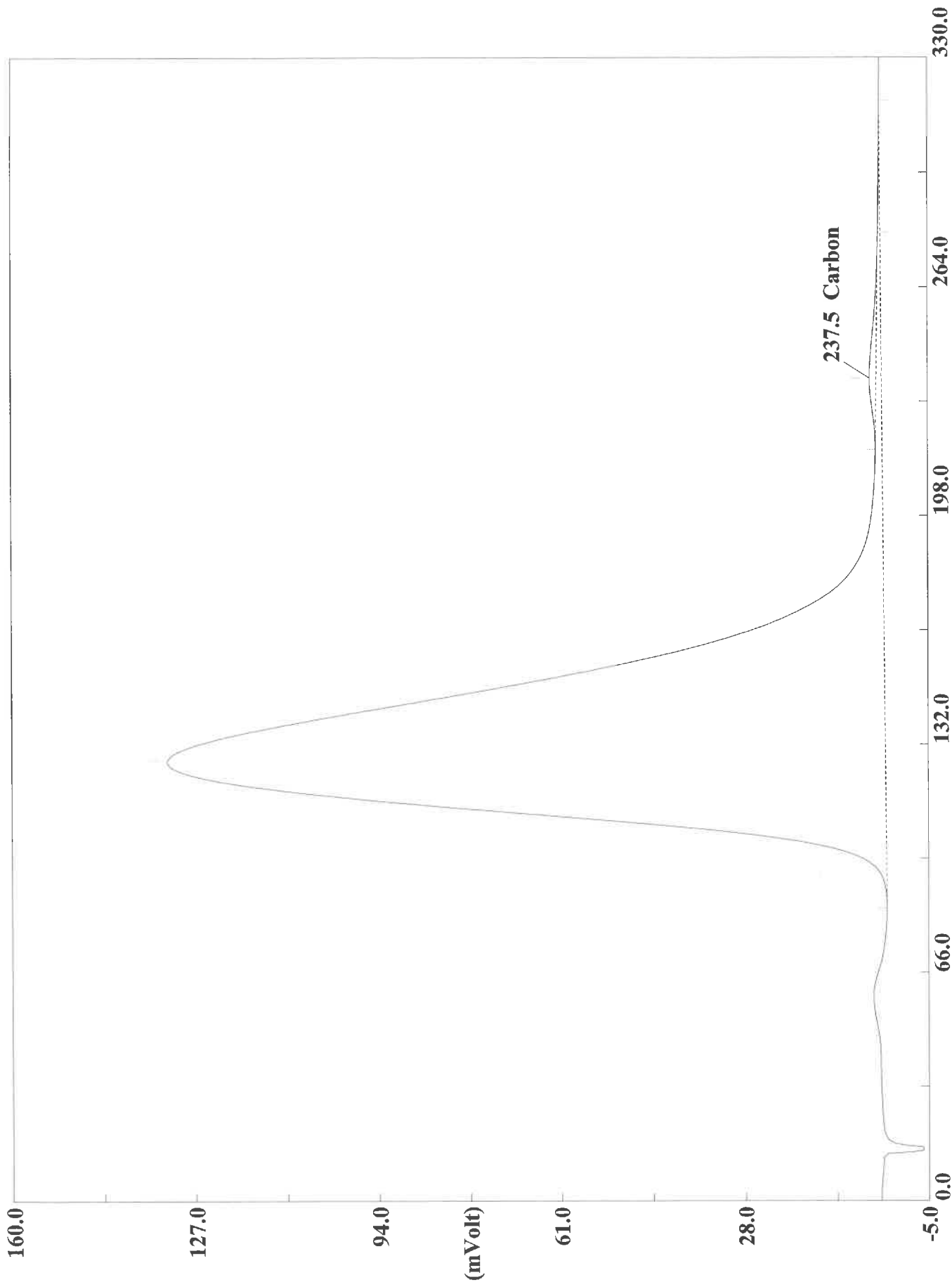
Page: 1 Sample: LCS (A092920085)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920085
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:27 Printed : 9/30/2020 07:18
Sample ID : LCS (# 96)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.3

Calib. method : using 'Least Squares to Linear fit'

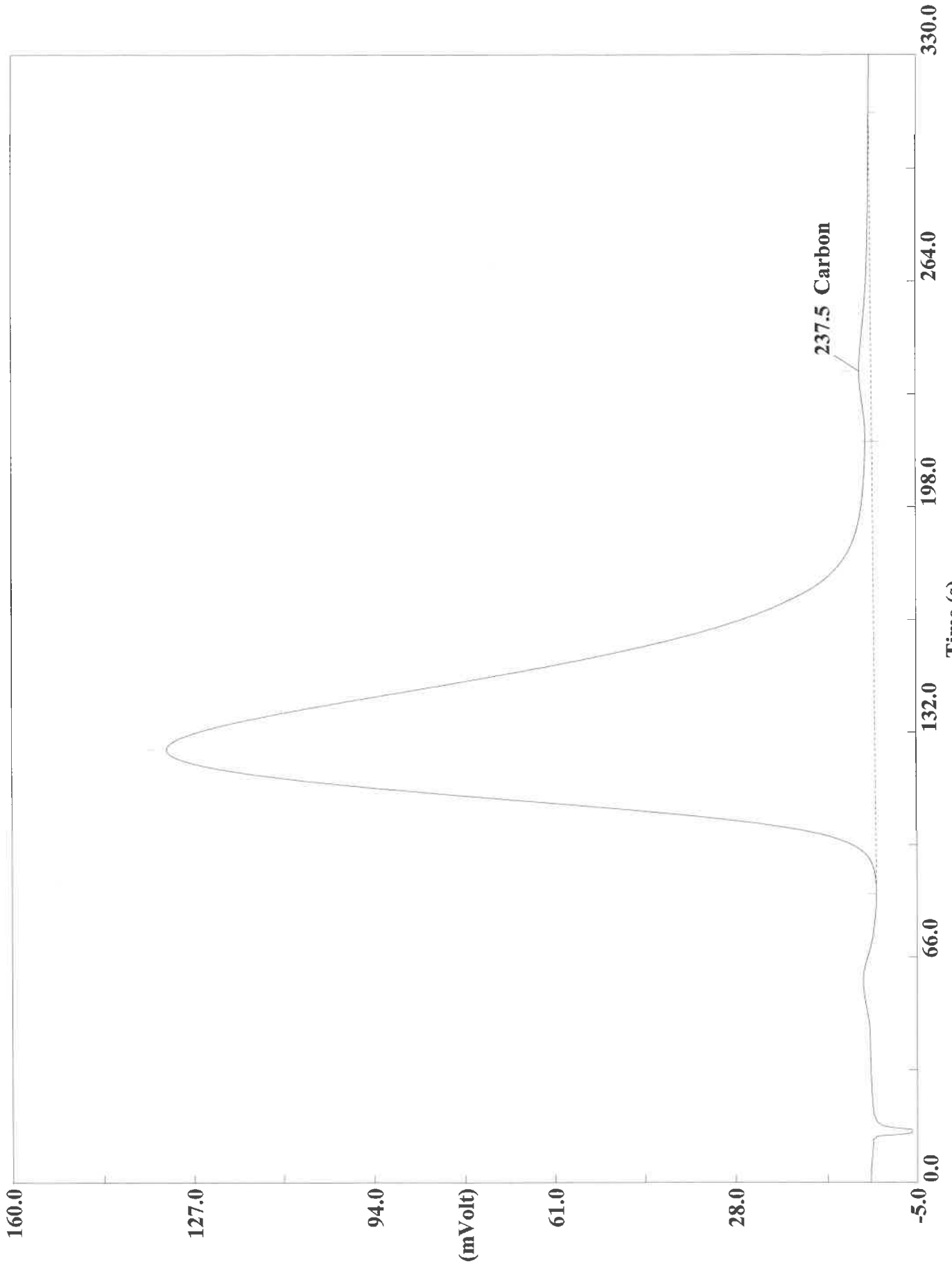
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2236	231	2247784	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920086.DAT
Sample name :180-111287-A-34 Analysed :09/29/2020 21:32

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920086.DAT
Sample name : 180-111287-A-34 Analysed : 09/29/2020 21:32

Eager 300 Report

Page: 1 Sample: 180-111287-A-34 (A092920086)

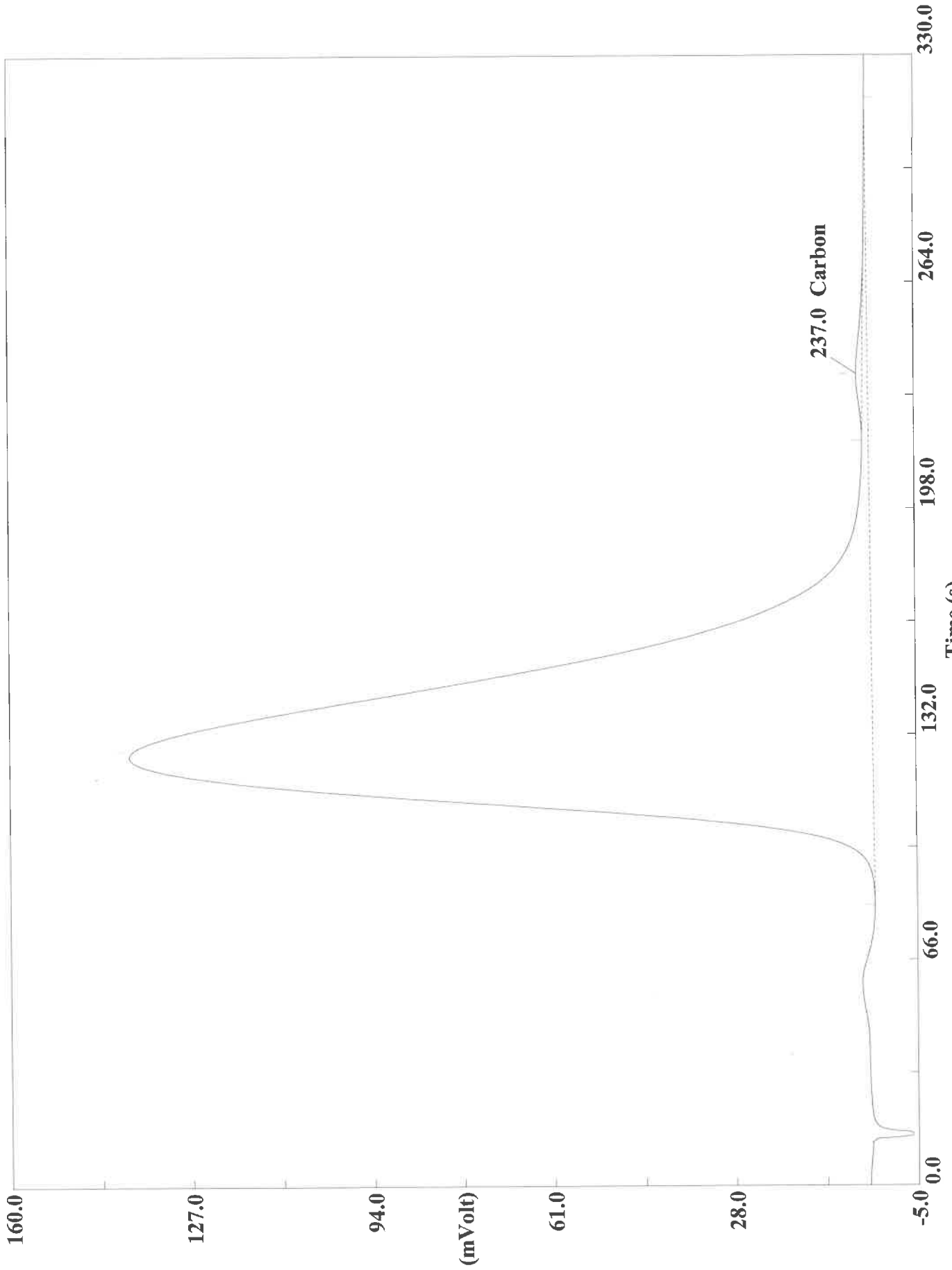
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920086
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:32 Printed : 9/30/2020 07:19
Sample ID : 180-111287-A-34 (# 97)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.8

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

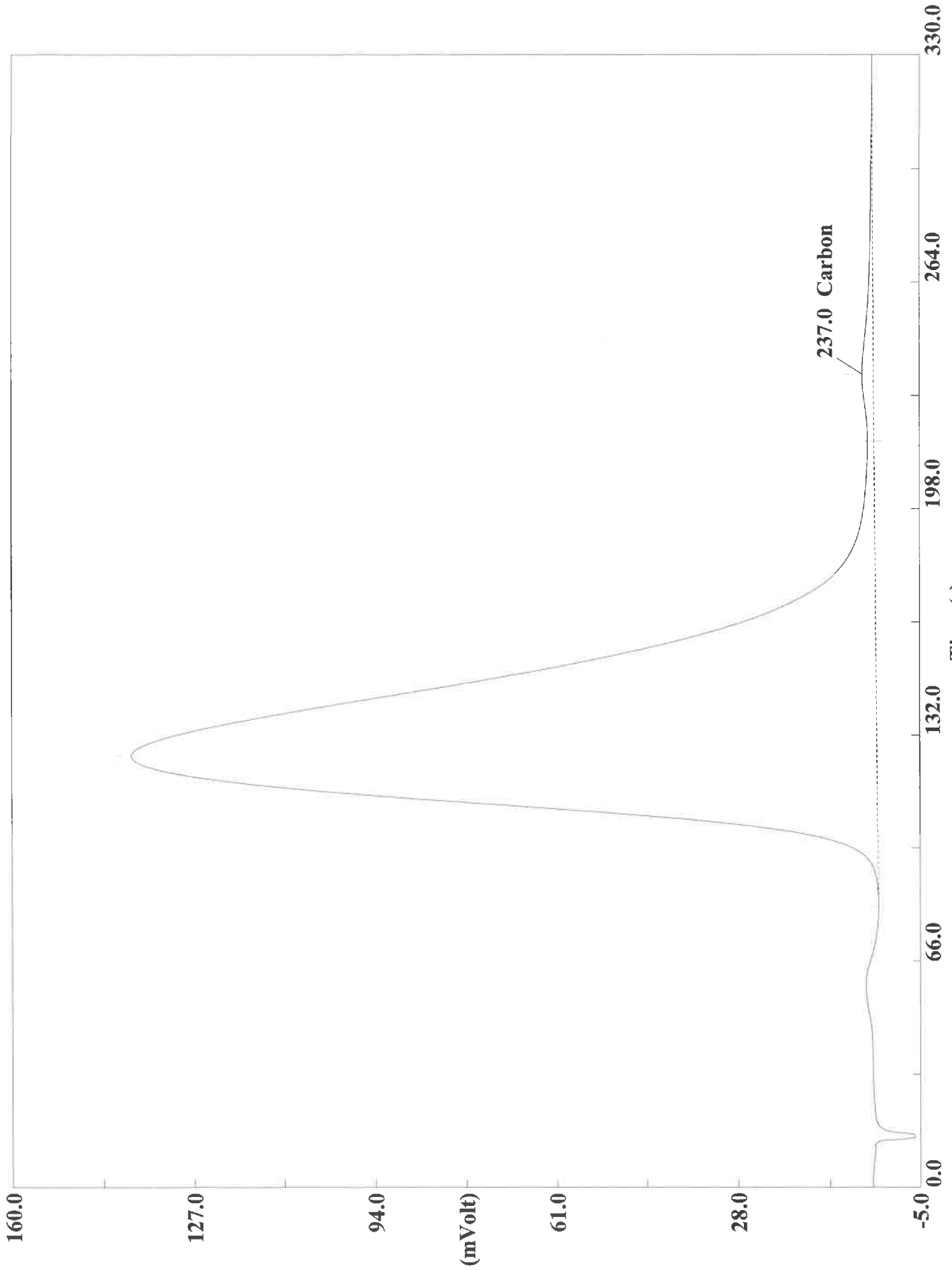
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.6801	238	856990	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920087.DAT
Sample name :180-111287-A-34 Analysed :09/29/2020 21:38

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920087.DAT
Sample name : 180-111287-A-34 Analysed : 09/29/2020 21:38

Eager 300 Report

Page: 1 Sample: 180-111287-A-34 (A092920087)

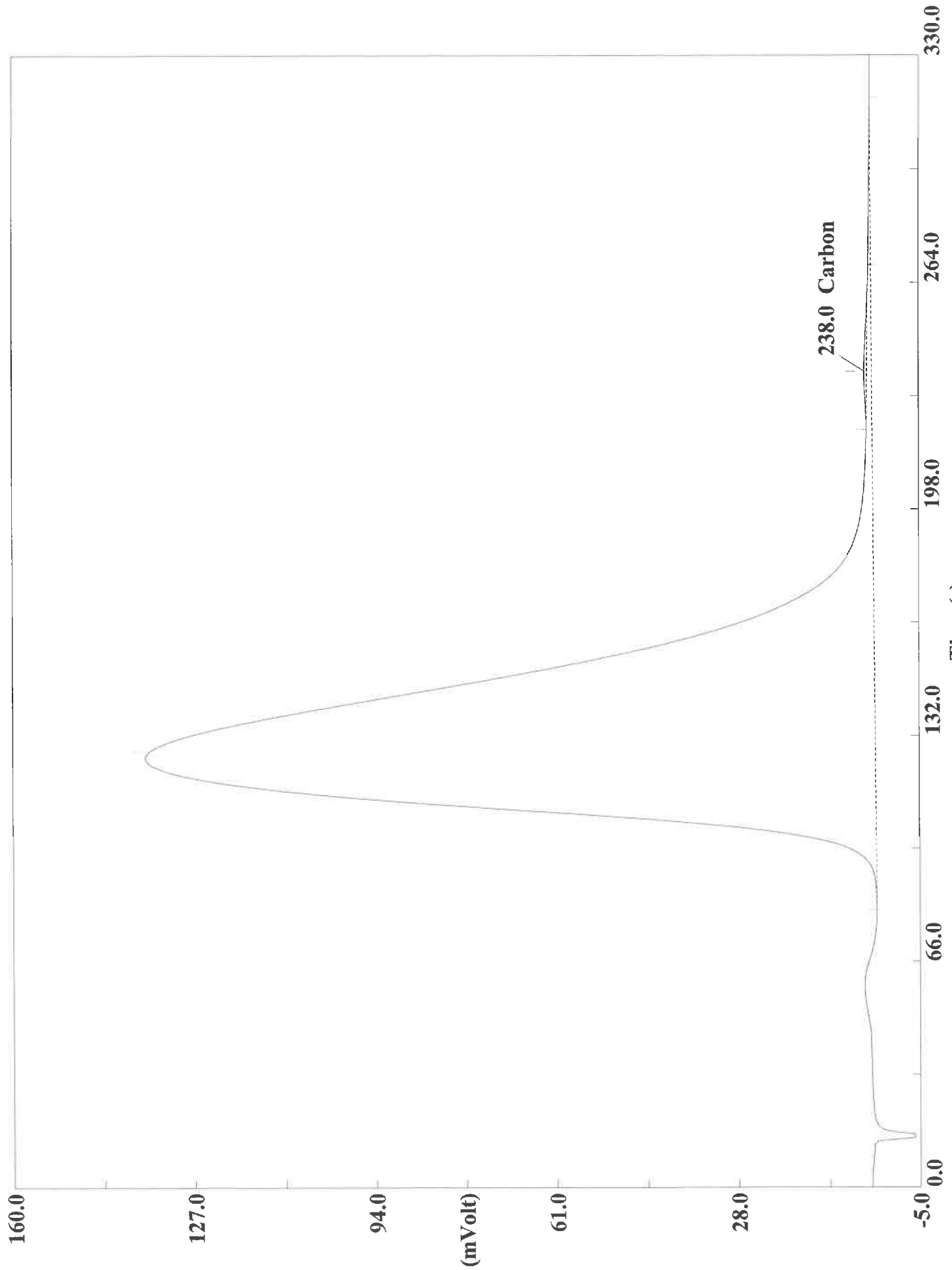
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920087
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:38 Printed : 9/30/2020 07:19
Sample ID : 180-111287-A-34 (# 98)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.6

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

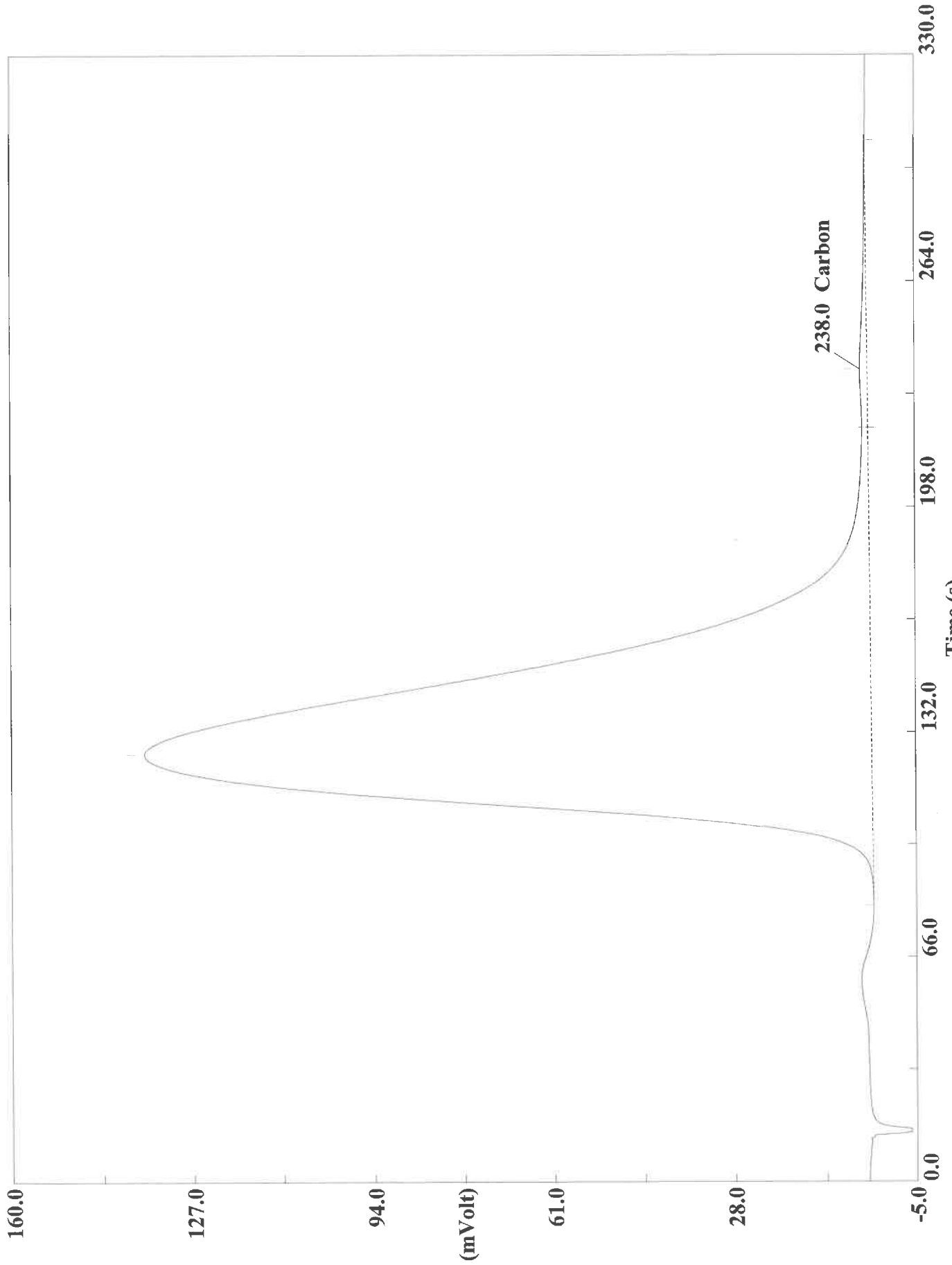
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.6757	237	844344	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920089.DAT
Sample name :180-111287-A-35 Analysed :09/29/2020 21:49

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920089.DAT
Sample name : 180-111287-A-35 Analysed : 09/29/2020 21:49

Eager 300 Report

Page: 1 Sample: 180-111287-A-35 (A092920089)

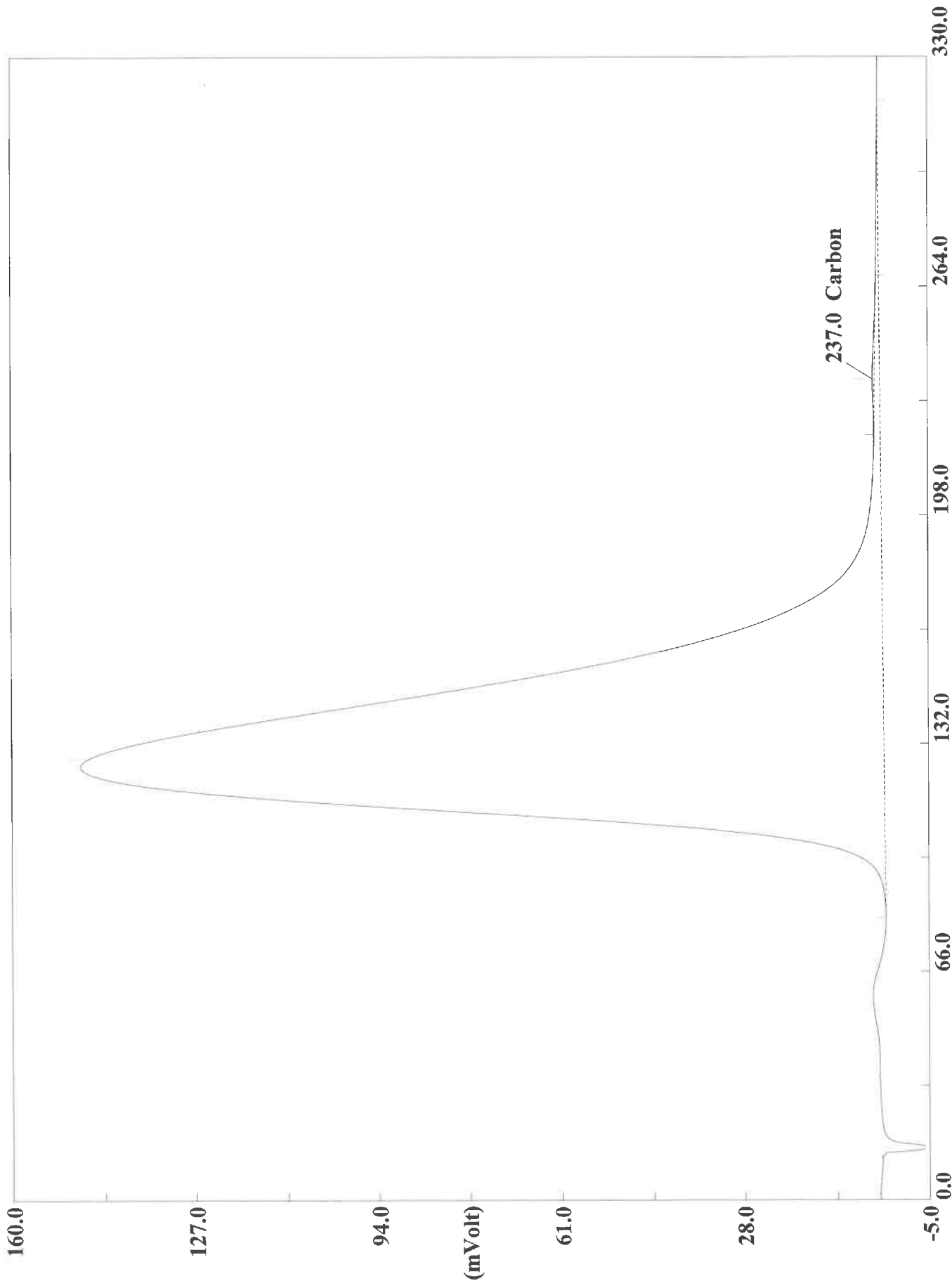
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920089
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:49 Printed : 9/30/2020 07:20
Sample ID : 180-111287-A-35 (# 100)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.7

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

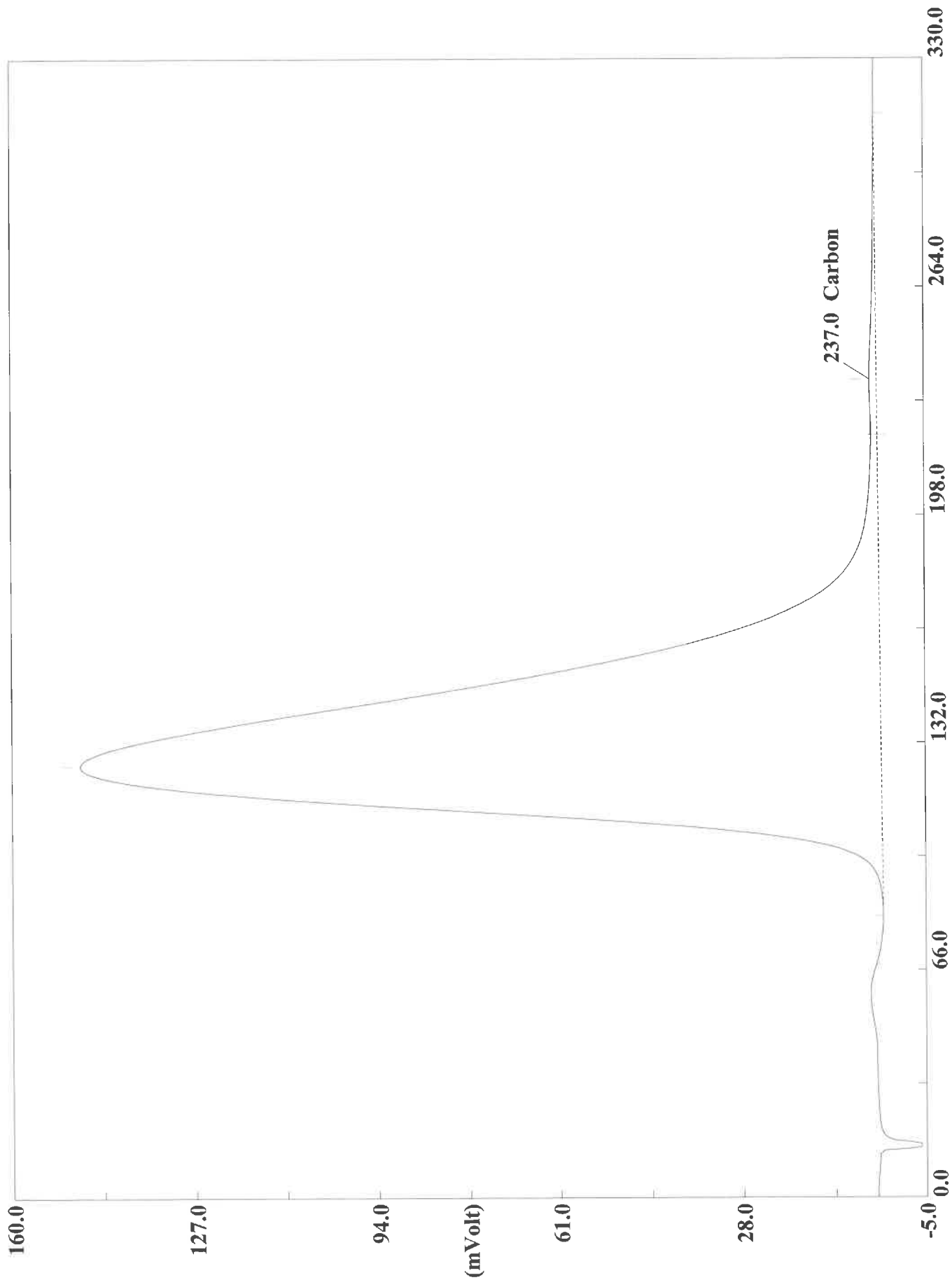
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4299	238	530806	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920090.DAT
Sample name :180-111287-A-35 Analysed :09/29/2020 21:55

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920090.DAT
Sample name : 180-111287-A-35 Analysed : 09/29/2020 21:55

Eager 300 Report

Page: 1 Sample: 180-111287-A-35 (A092920090)

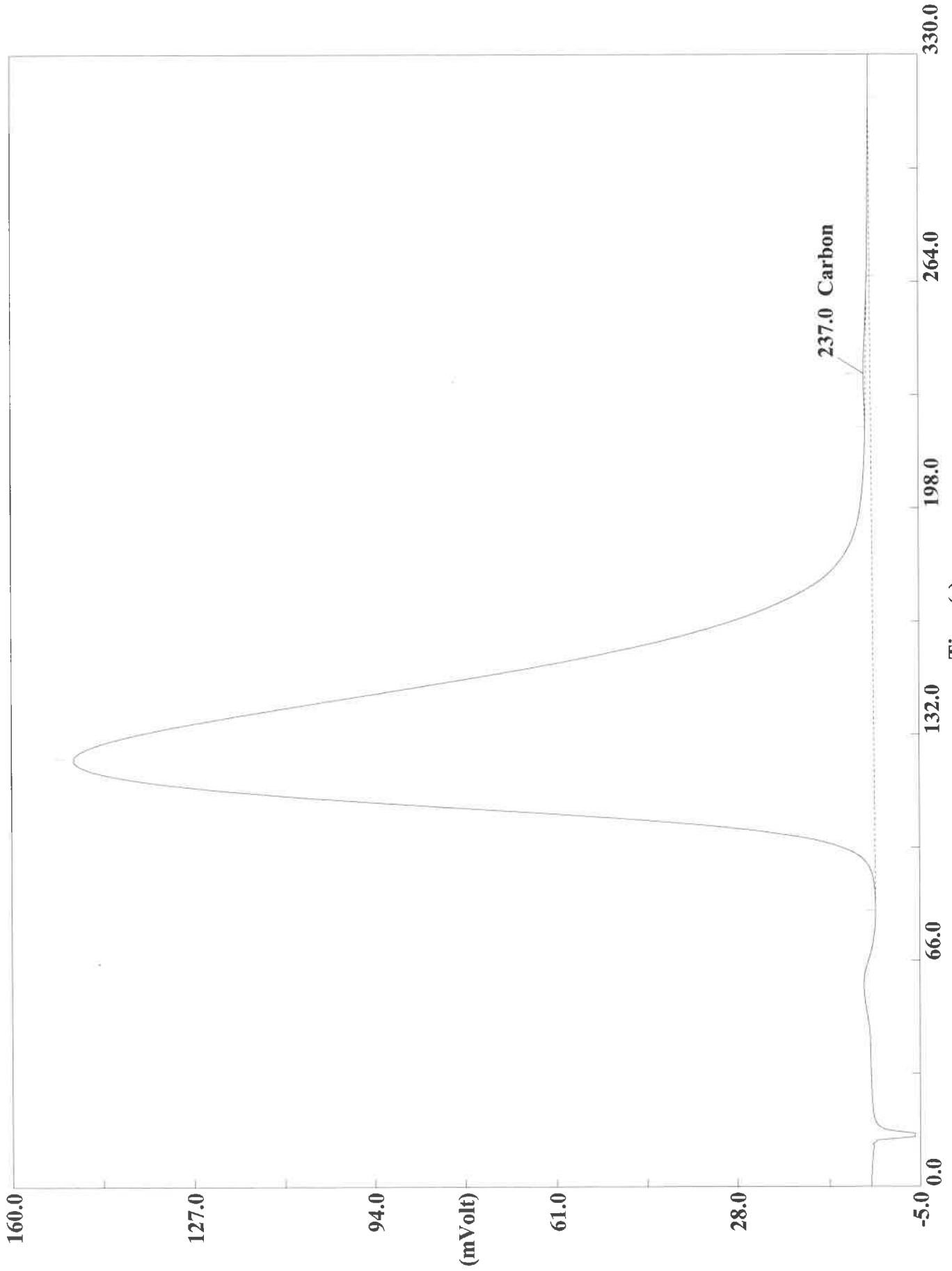
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920090
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 21:55 Printed : 9/30/2020 07:21
Sample ID : 180-111287-A-35 (# 101)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.1

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

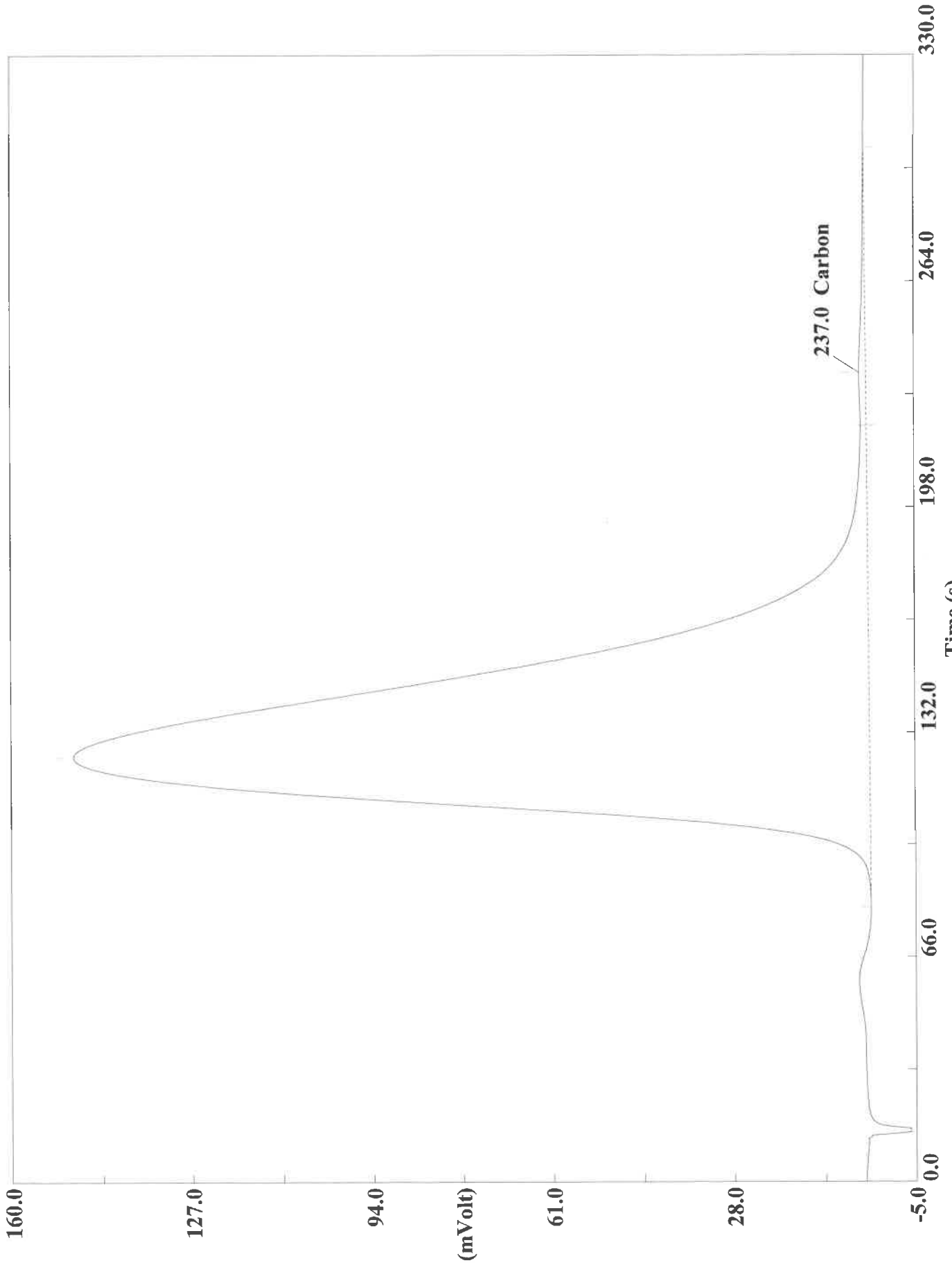
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.5955	237	570305	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920092.DAT
Sample name : 180-111287-A-36 Analysed : 09/29/2020 22:06

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920092.DAT
Sample name : 180-111287-A-36 Analysed : 09/29/2020 22:06

Eager 300 Report

Page: 1 Sample: 180-111287-A-36 (A092920092)

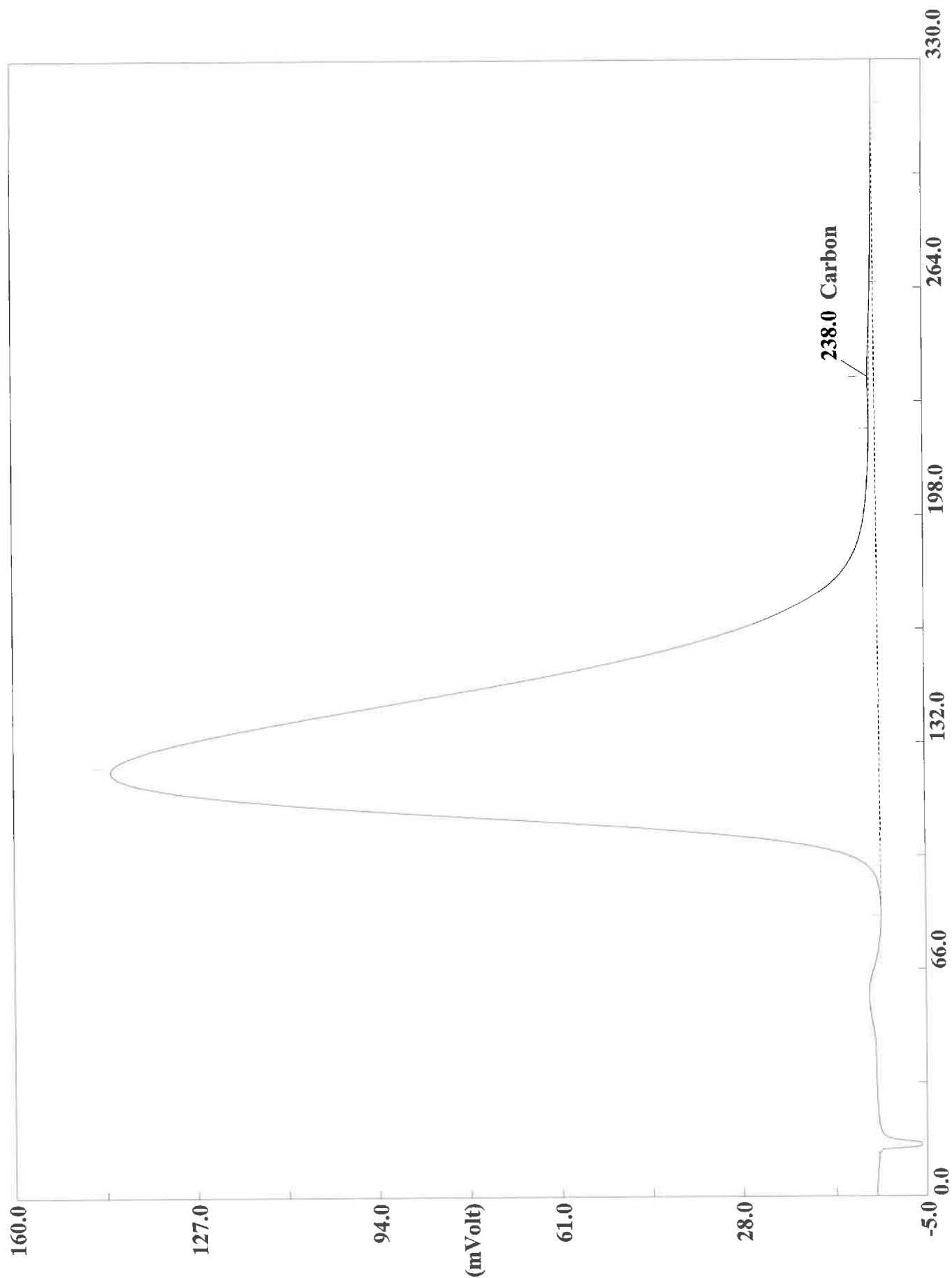
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920092
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:06 Printed : 9/30/2020 07:22
Sample ID : 180-111287-A-36 (# 103)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.1

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

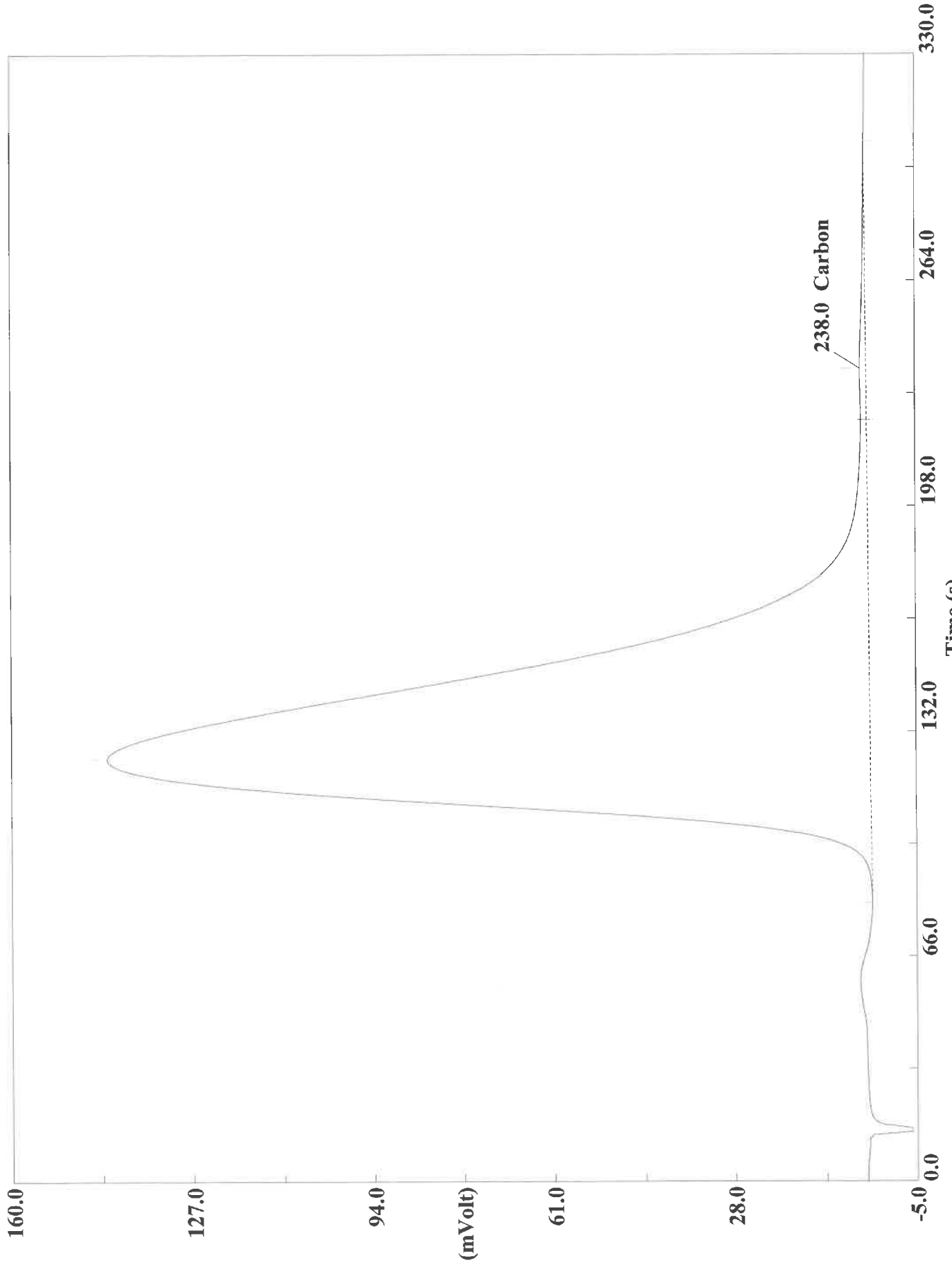
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4397	237	483826	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920093.DAT
Sample name :180-111287-A-36 Analysed :09/29/2020 22:11

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920093.DAT
Sample name : 180-111287-A-36 Analysed : 09/29/2020 22:11

Eager 300 Report

Page: 1 Sample: 180-111287-A-36 (A092920093)

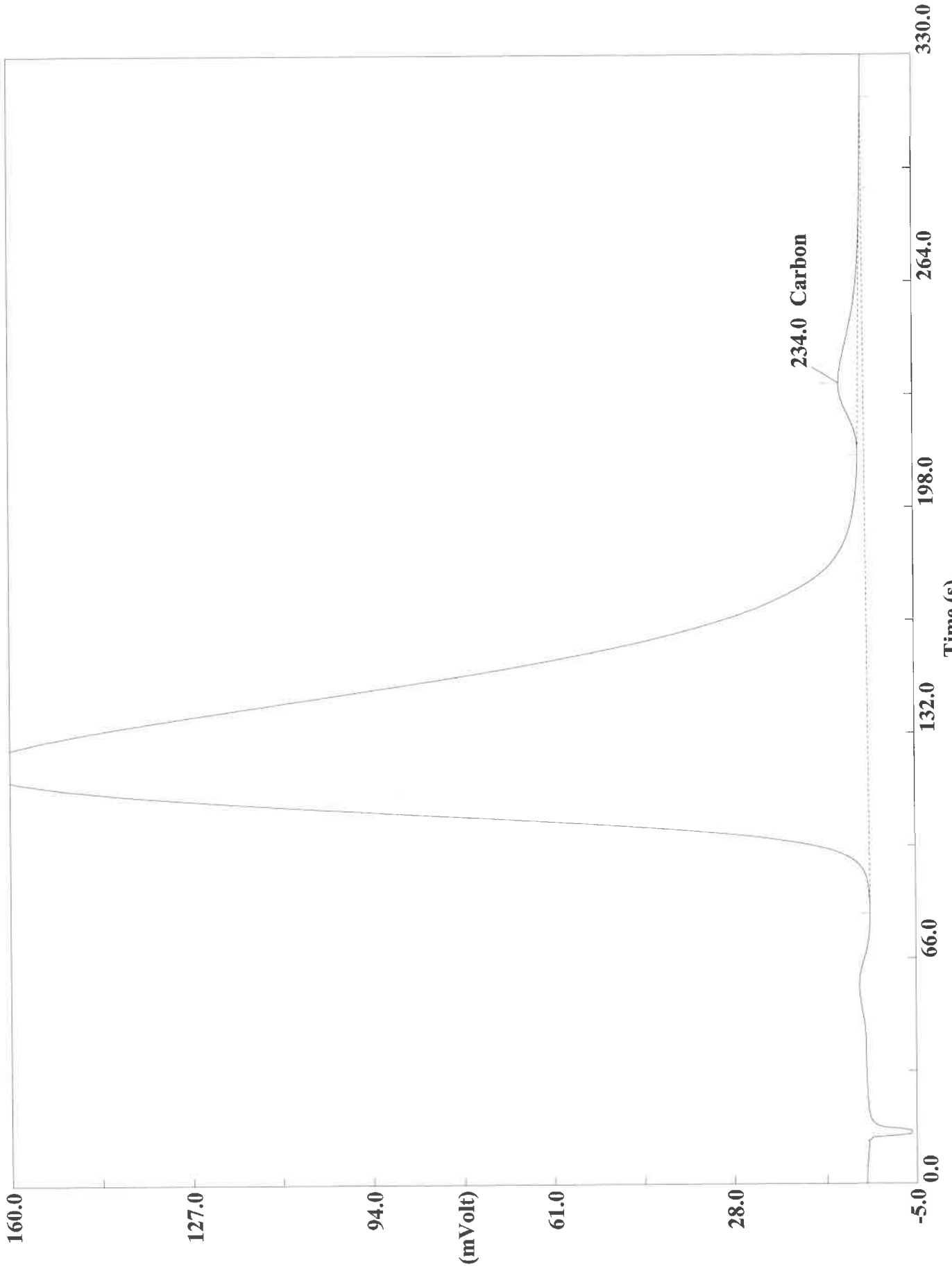
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920093
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:11 Printed : 9/30/2020 07:23
Sample ID : 180-111287-A-36 (# 104)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.8

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

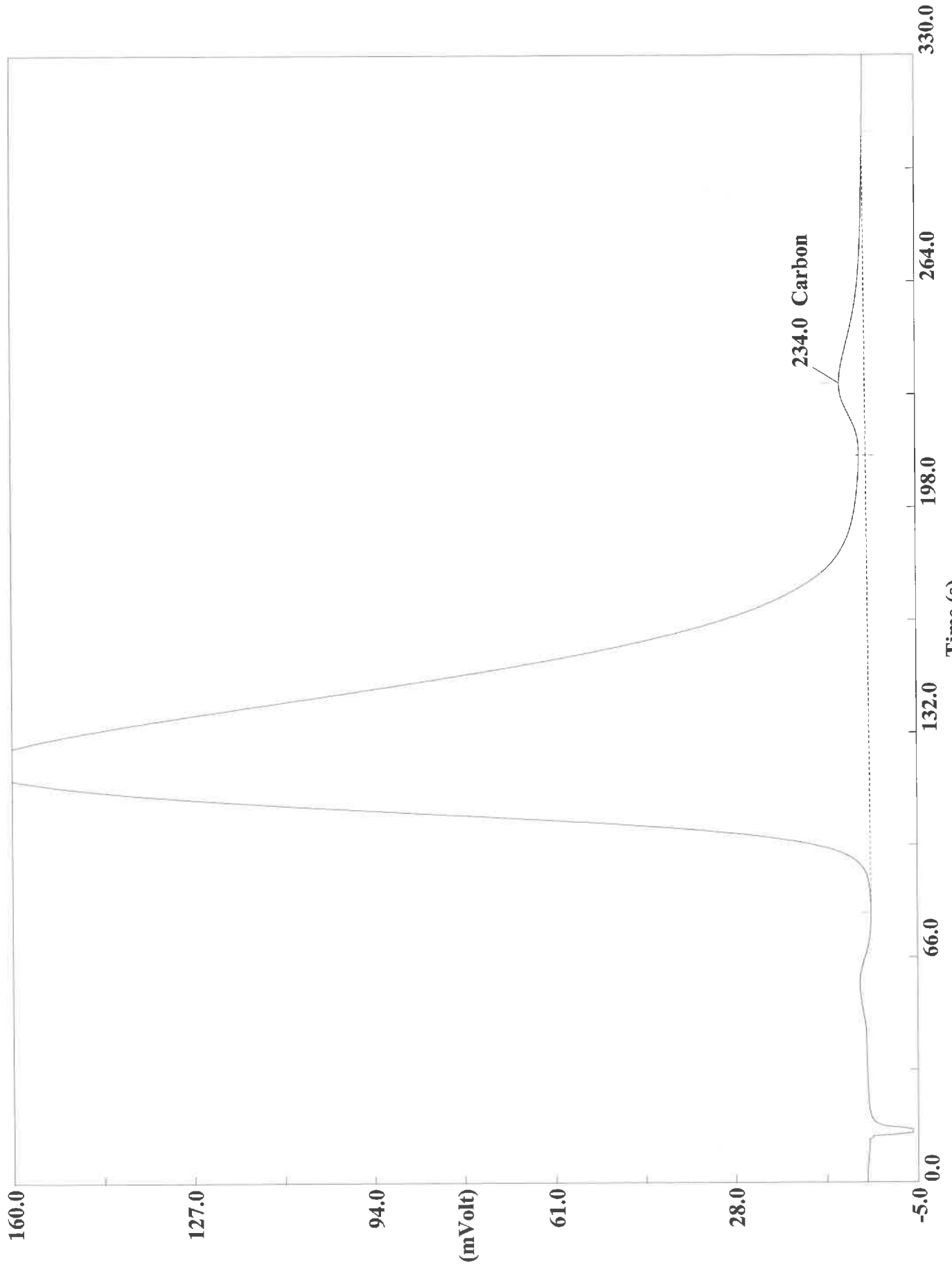
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.4329	238	469110	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920095.DAT
Sample name :460-218626-F-1 Analysed :09/29/2020 22:23

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920095.DAT
Sample name :460-218626-F-1 Analysed :09/29/2020 22:23

Eager 300 Report

Page: 1 Sample: 460-218626-F-1 (A092920095)

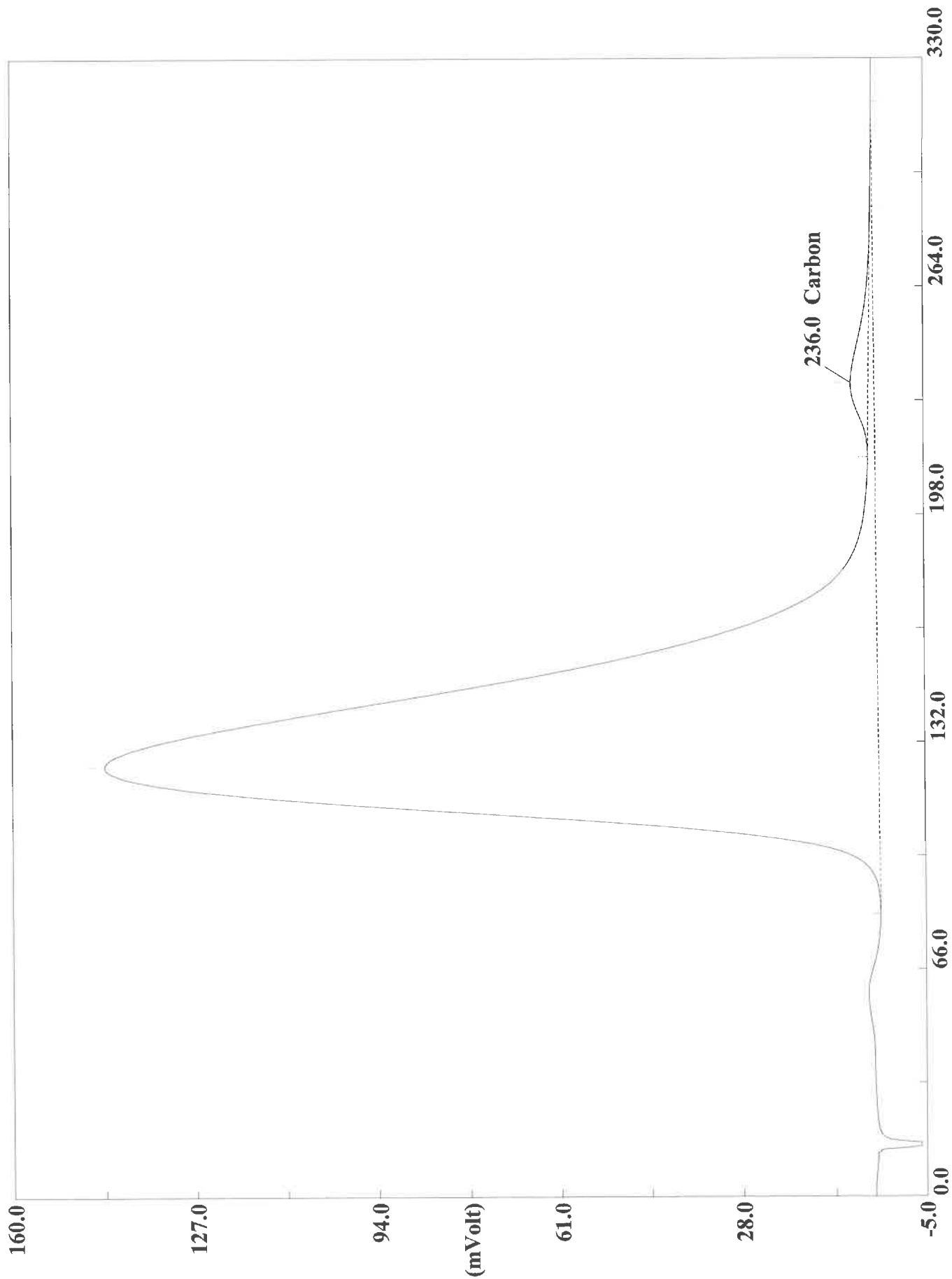
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920095
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:23 Printed : 9/30/2020 07:23
Sample ID : 460-218626-F-1 (# 106)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

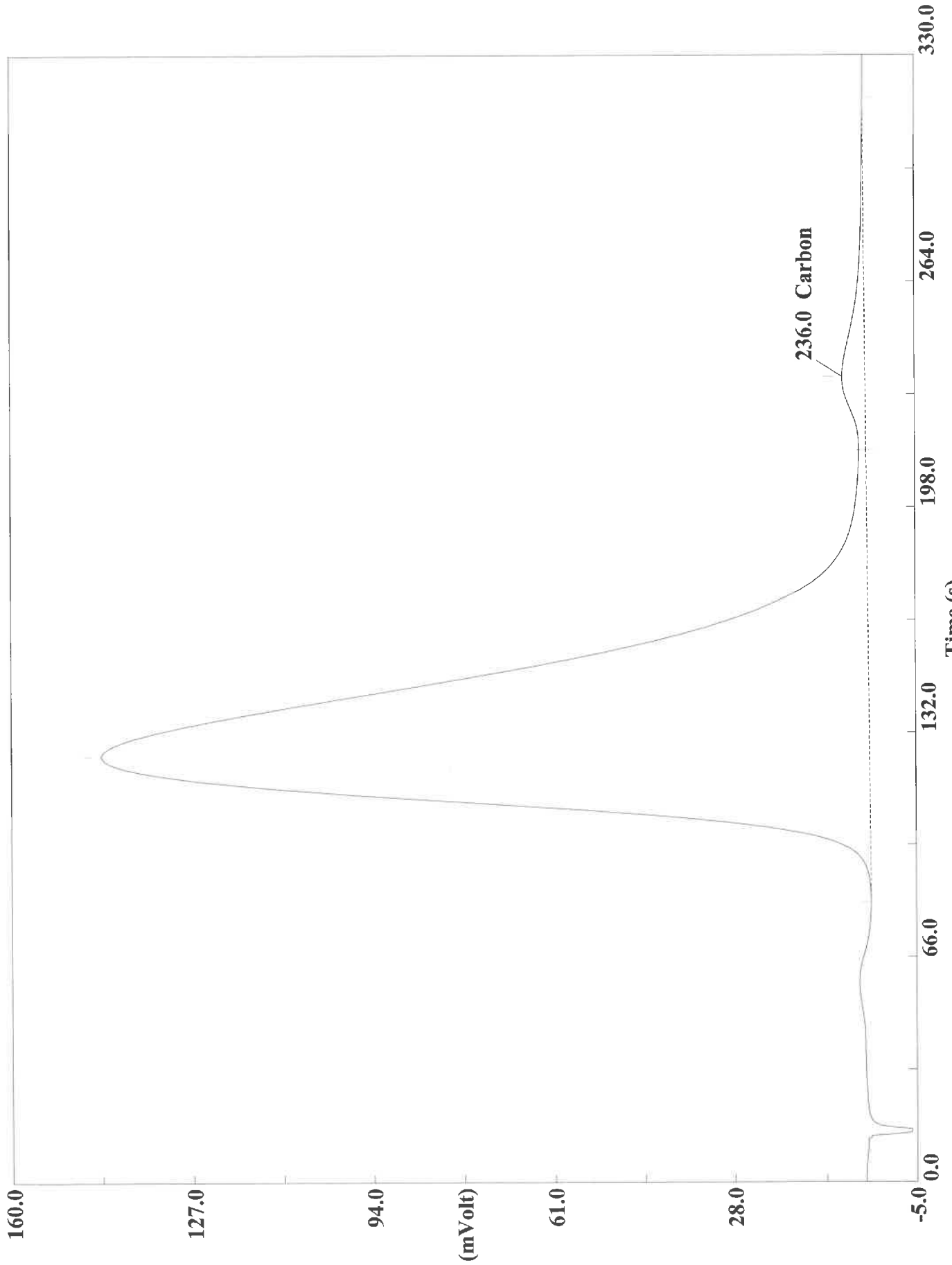
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7023	234	1585087	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920096.DAT
Sample name :460-218626-F-1 Analysed :09/29/2020 22:28

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920096.DAT
Sample name :460-218626-F-1 Analysed :09/29/2020 22:28

Eager 300 Report

Page: 1 Sample: 460-218626-F-1 (A092920096)

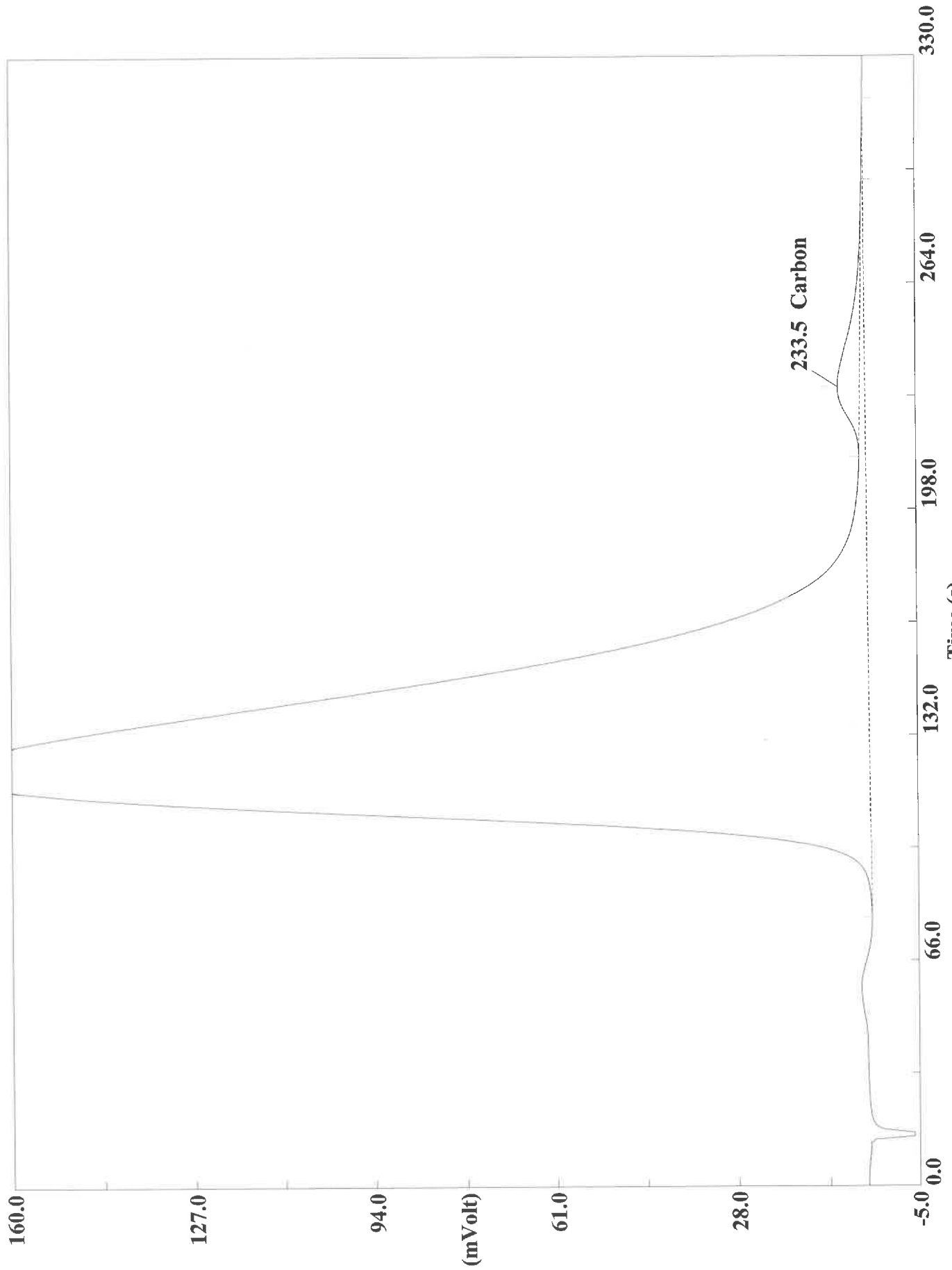
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920096
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:28 Printed : 9/30/2020 07:24
Sample ID : 460-218626-F-1 (# 107)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6870	236	1491416	mi	1.000000	

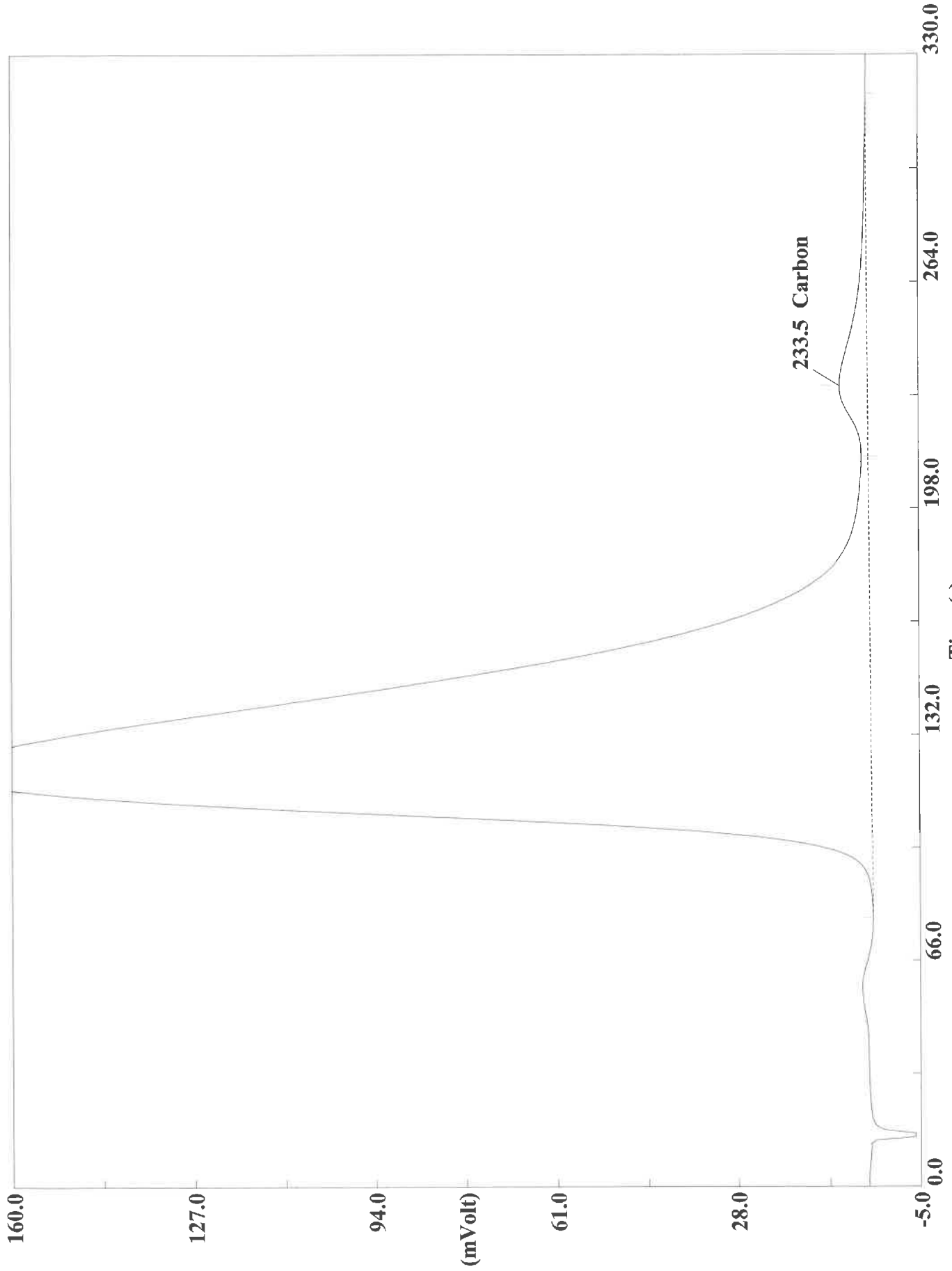
NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920098.DAT

Sample name :460-218626-F-2 Analysed :09/29/2020 22:39

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920098.DAT

Sample name :460-218626-F-2 Analysed :09/29/2020 22:39

Eager 300 Report

Page: 1 Sample: 460-218626-F-2 (A092920098)

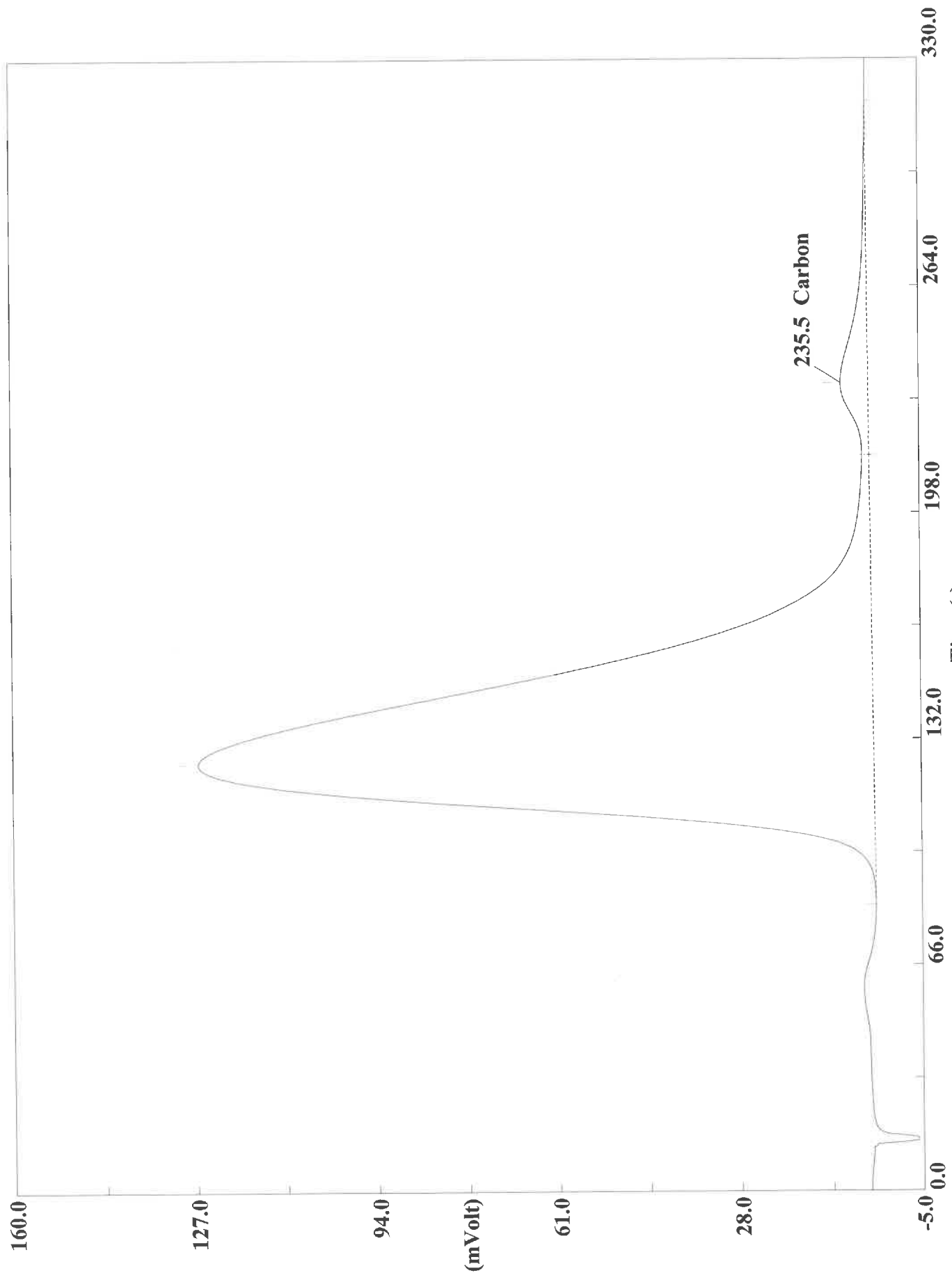
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920098
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:39 Printed : 9/30/2020 07:25
Sample ID : 460-218626-F-2 (# 109)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.5

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4083	234	1777937	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920099.DAT
Sample name :460-218626-F-2 Analysed :09/29/2020 22:45

Eager 300 Report

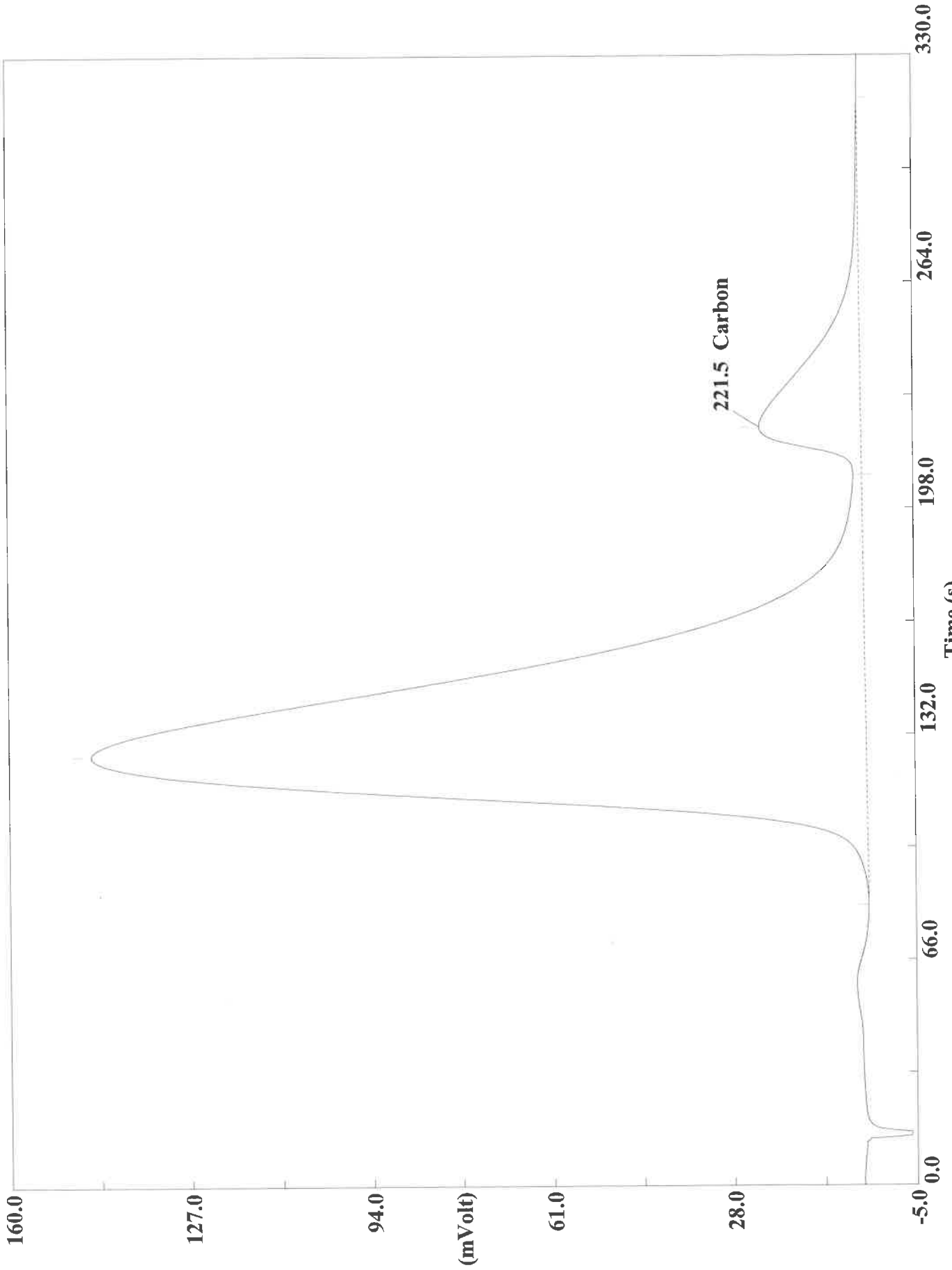
Page: 1 Sample: 460-218626-F-2 (A092920099)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920099
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:45 Printed : 9/30/2020 07:25
Sample ID : 460-218626-F-2 (# 110)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4826	236	1718143	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920101.DAT
Sample name :CCV Analysed :09/29/2020 22:56

Eager 300 Report

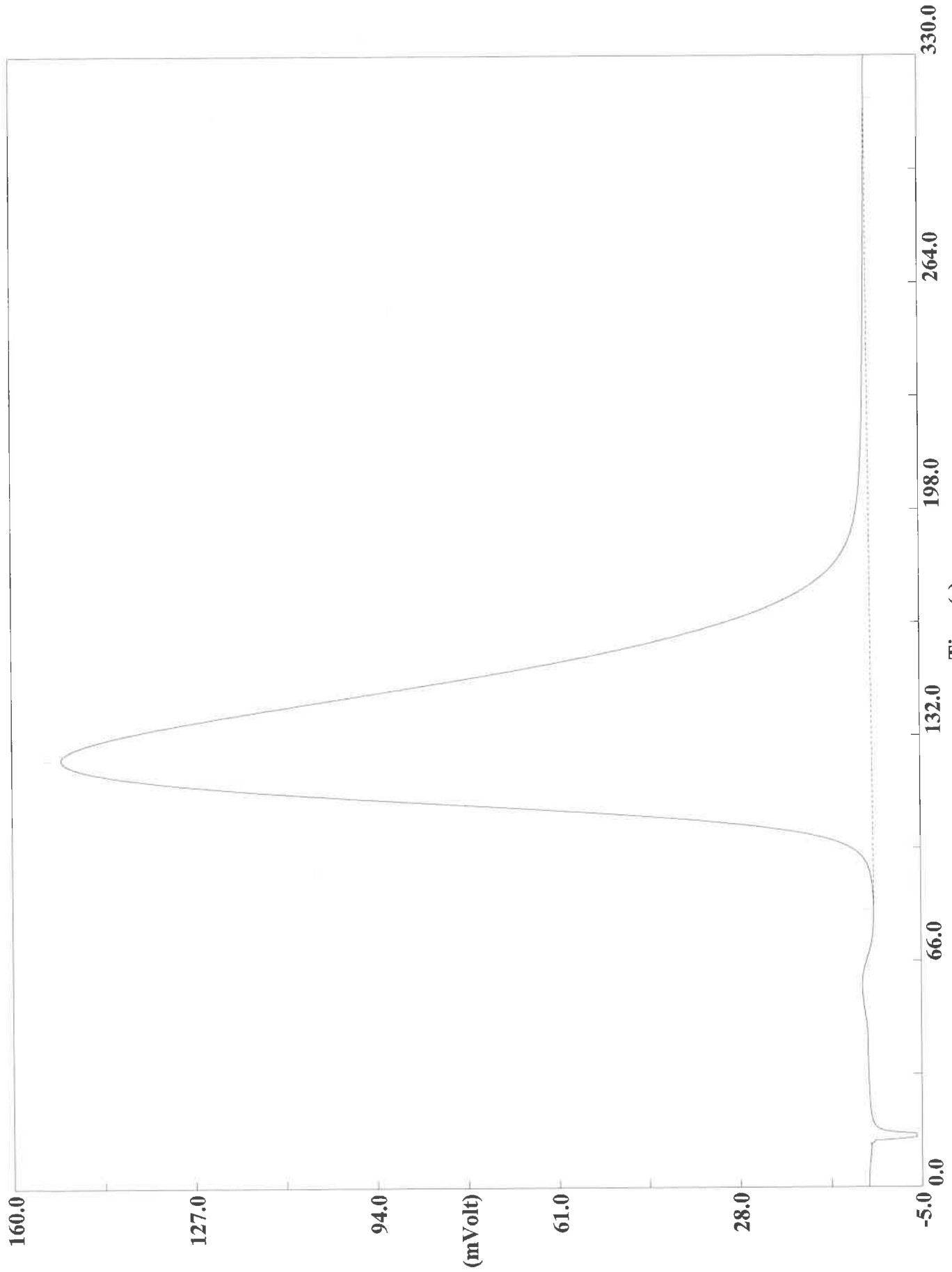
Page: 1 Sample: CCV (A092920101)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920101
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 22:56 Printed : 9/30/2020 07:25
Sample ID : CCV (# 112)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0454	222	5434815	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920102.DAT
Sample name :CCB Analysed :09/29/2020 23:02

Eager 300 Report

Page: 1 Sample: CCB (A092920102)

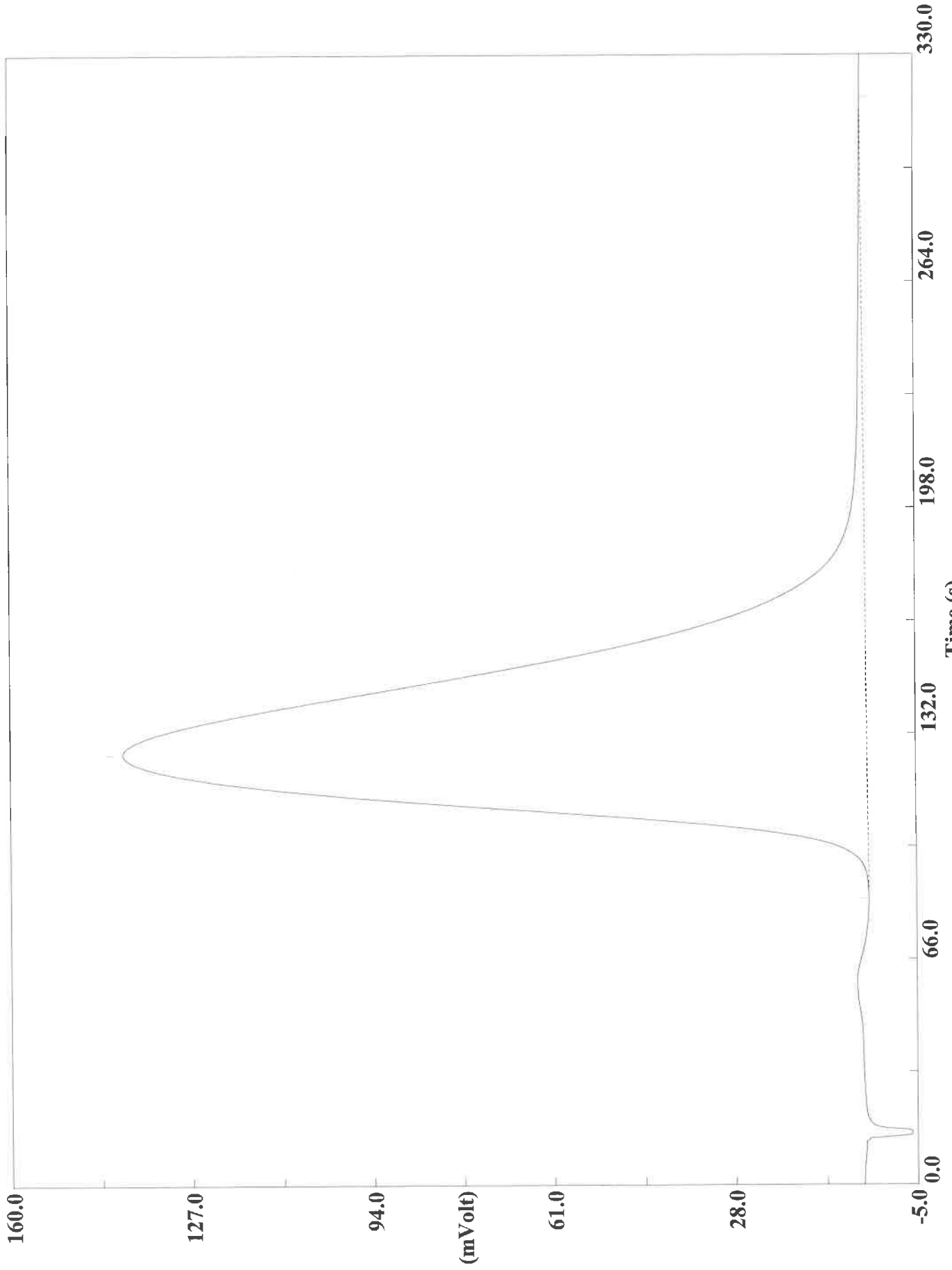
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920102
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:02 Printed : 9/30/2020 07:25
Sample ID : CCB (# 113)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920103.DAT
Sample name :460-218640-F-1 Analysed :09/29/2020 23:07

Eager 300 Report

Page: 1 Sample: 460-218640-F-1 (A092920103)

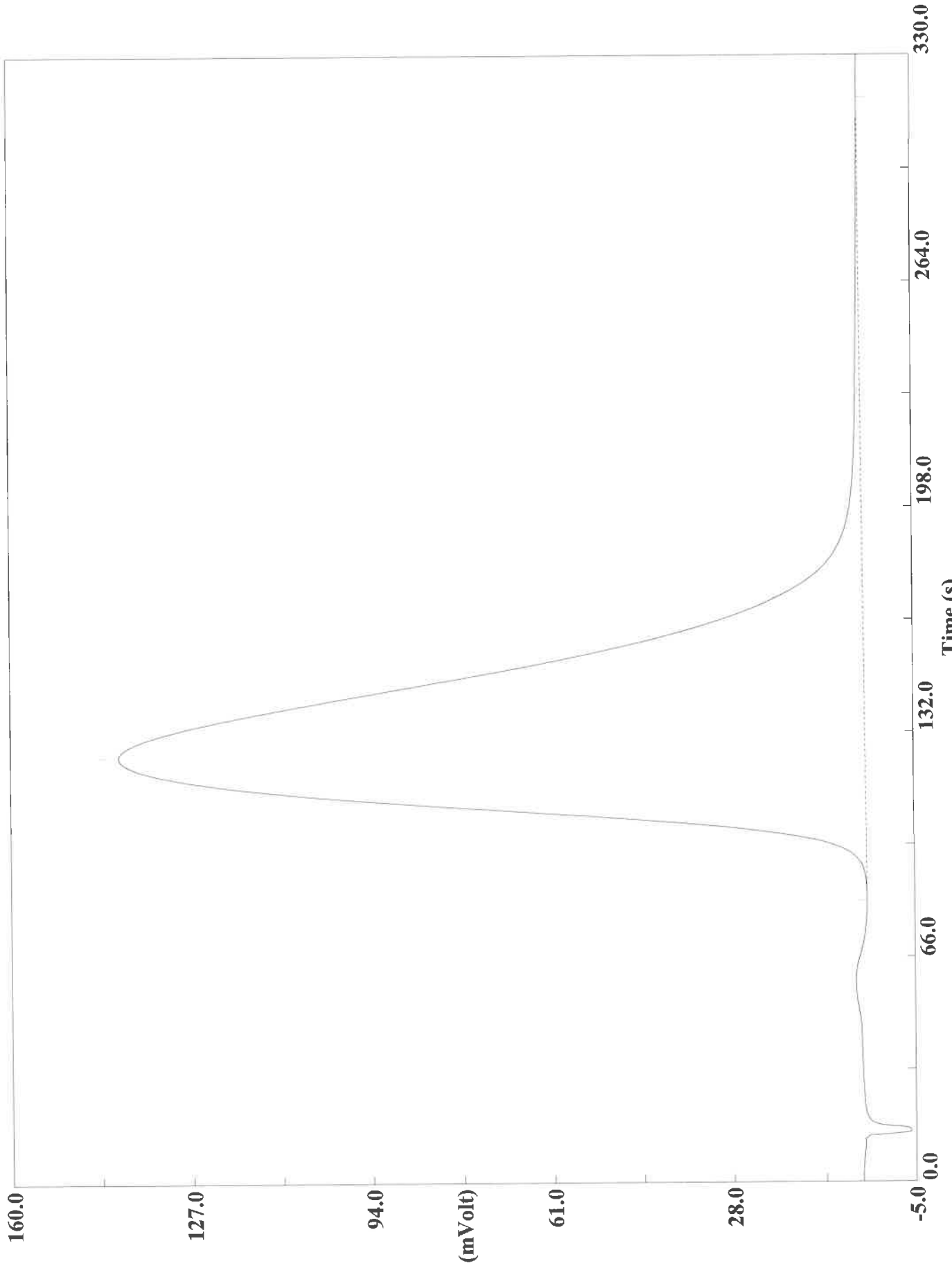
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920103
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:07 Printed : 9/30/2020 07:26
Sample ID : 460-218640-F-1 (# 114)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.1

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920104.DAT
Sample name :460-218640-F-1 Analysed :09/29/2020 23:13

Eager 300 Report

Page: 1 Sample: 460-218640-F-1 (A092920104)

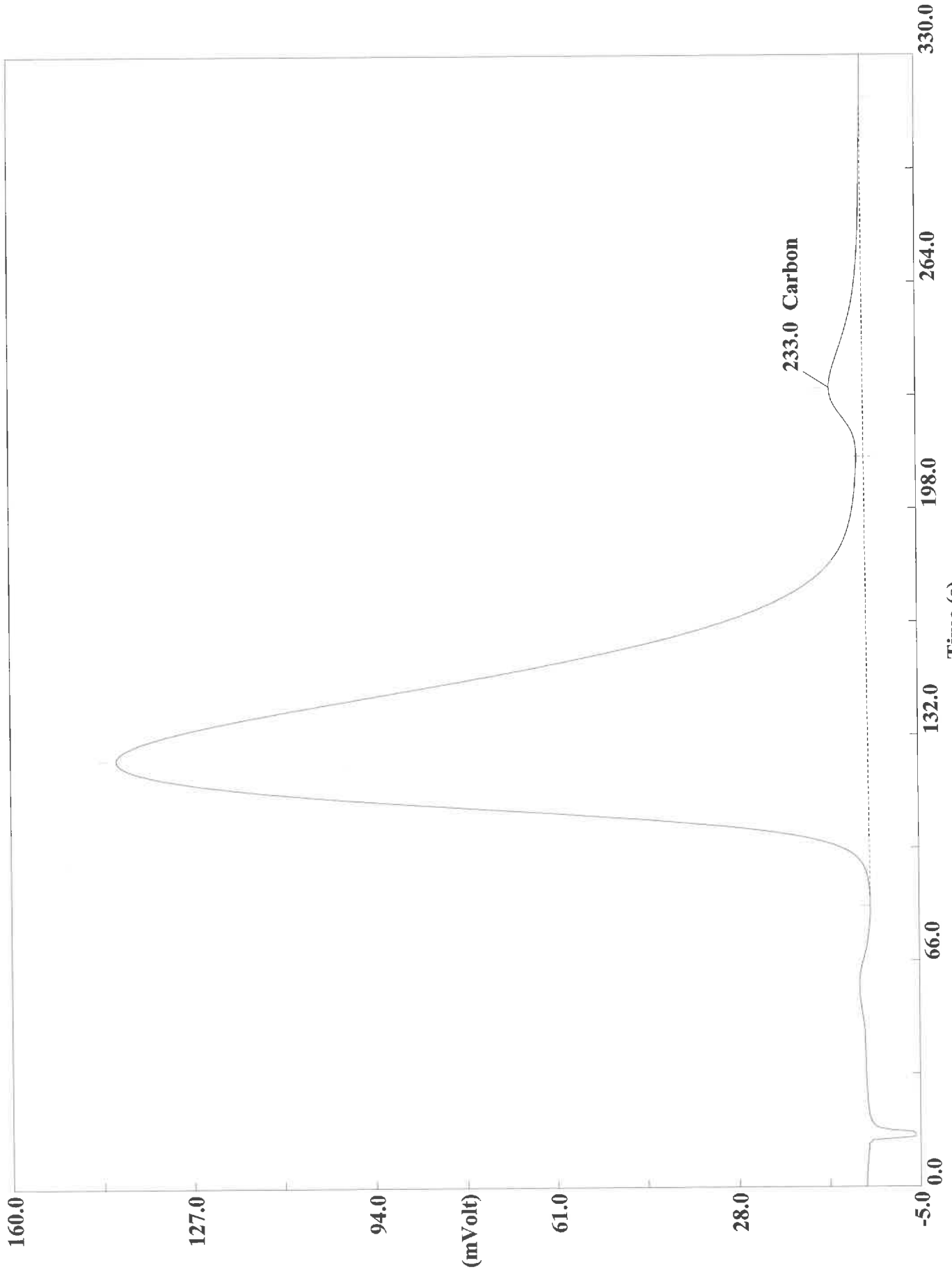
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920104
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:13 Printed : 9/30/2020 07:26
Sample ID : 460-218640-F-1 (# 115)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.7

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920106.DAT
Sample name :460-218640-F-1 MS Analysed :09/29/2020 23:24

Eager 300 Report

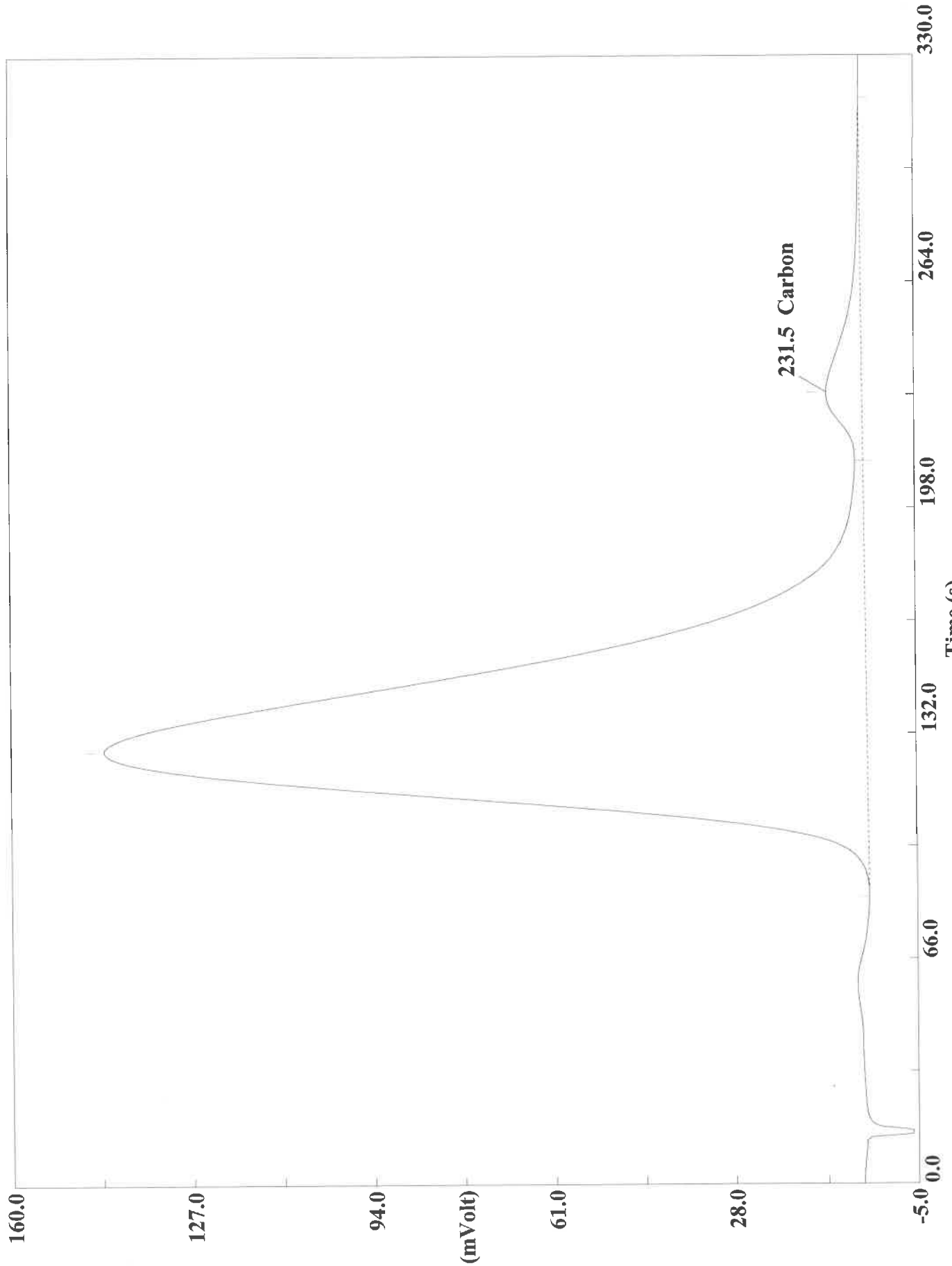
Page: 1 Sample: 460-218640-F-1 MS (A092920106)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920106
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:24 Printed : 9/30/2020 07:26
Sample ID : 460-218640-F-1 MS (# 117)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6663	233	2020910	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920107.DAT
Sample name :460-218640-F-1 MS Analysed :09/29/2020 23:30

Eager 300 Report

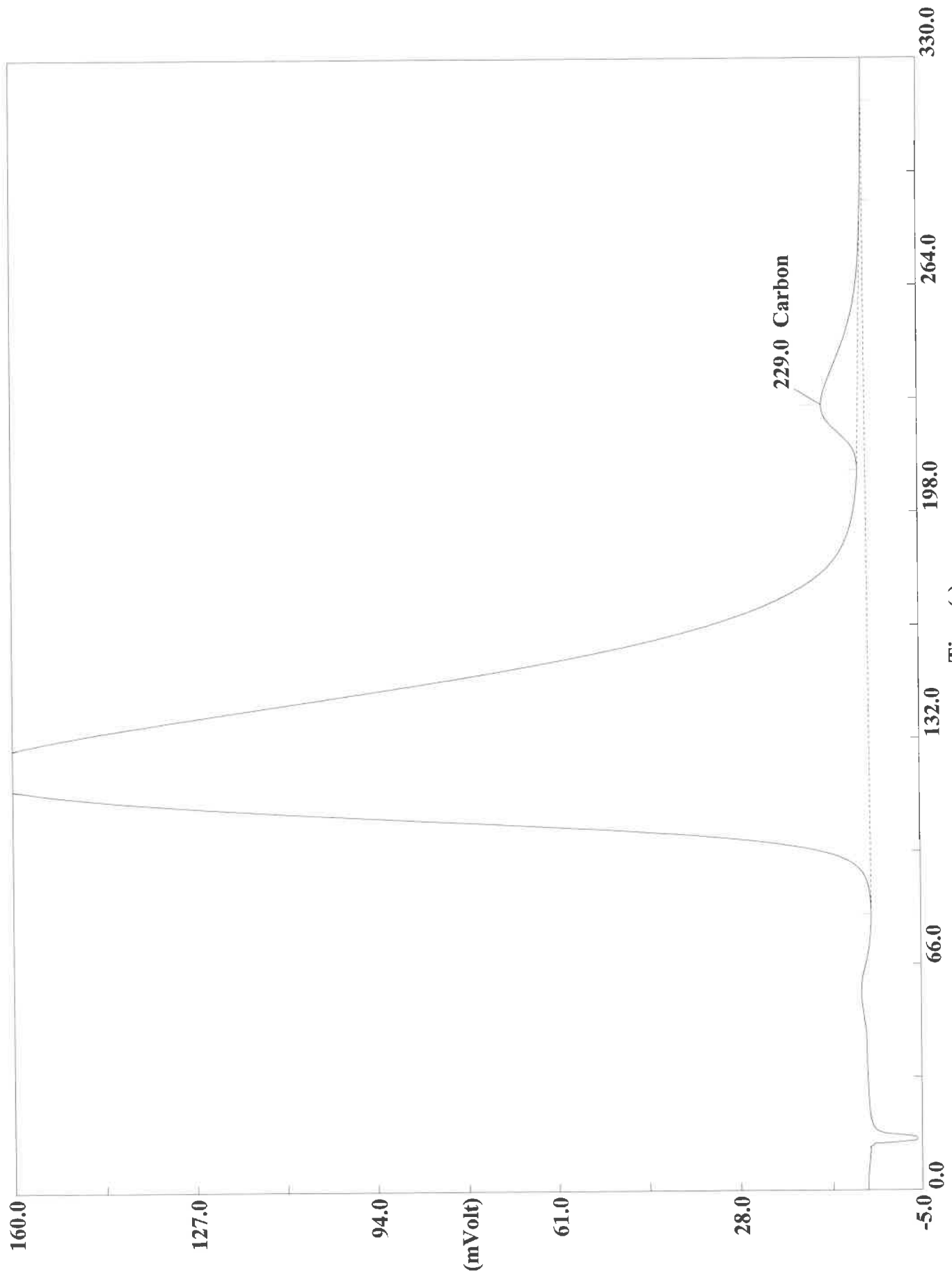
Page: 1 Sample: 460-218640-F-1 MS (A092920107)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920107
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:30 Printed : 9/30/2020 07:26
Sample ID : 460-218640-F-1 MS (# 118)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 28.9

Calib. method : using 'Least Squares to Linear fit'

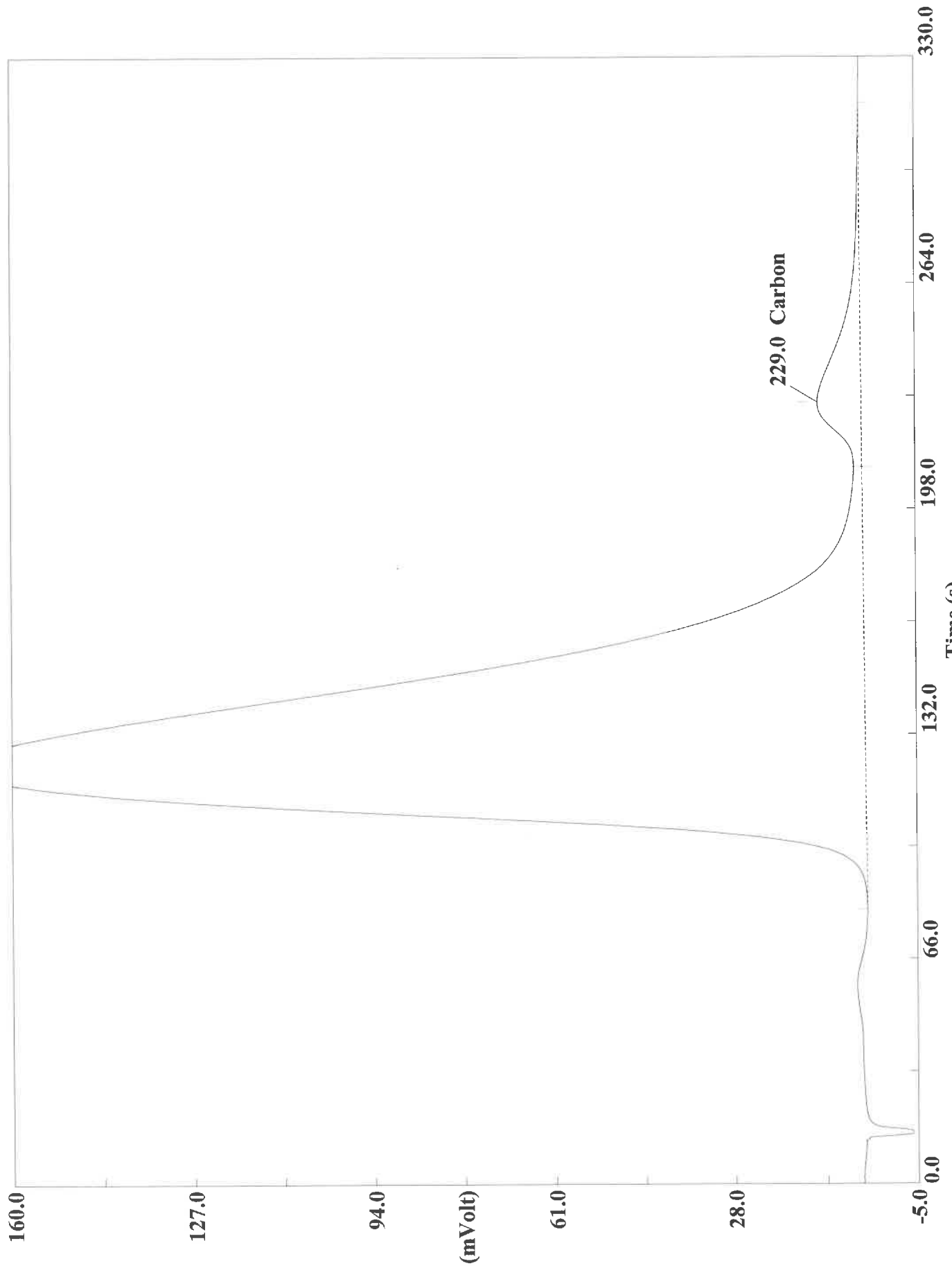
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4779	232	2206363	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920109.DAT
Sample name :460-218640-E-1 MSD Analysed :09/29/2020 23:41

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920109.DAT
Sample name : 460-218640-E-1 MSD Analysed : 09/29/2020 23:41

Eager 300 Report

Page: 1 Sample: 460-218640-E-1 MSD (A092920109)

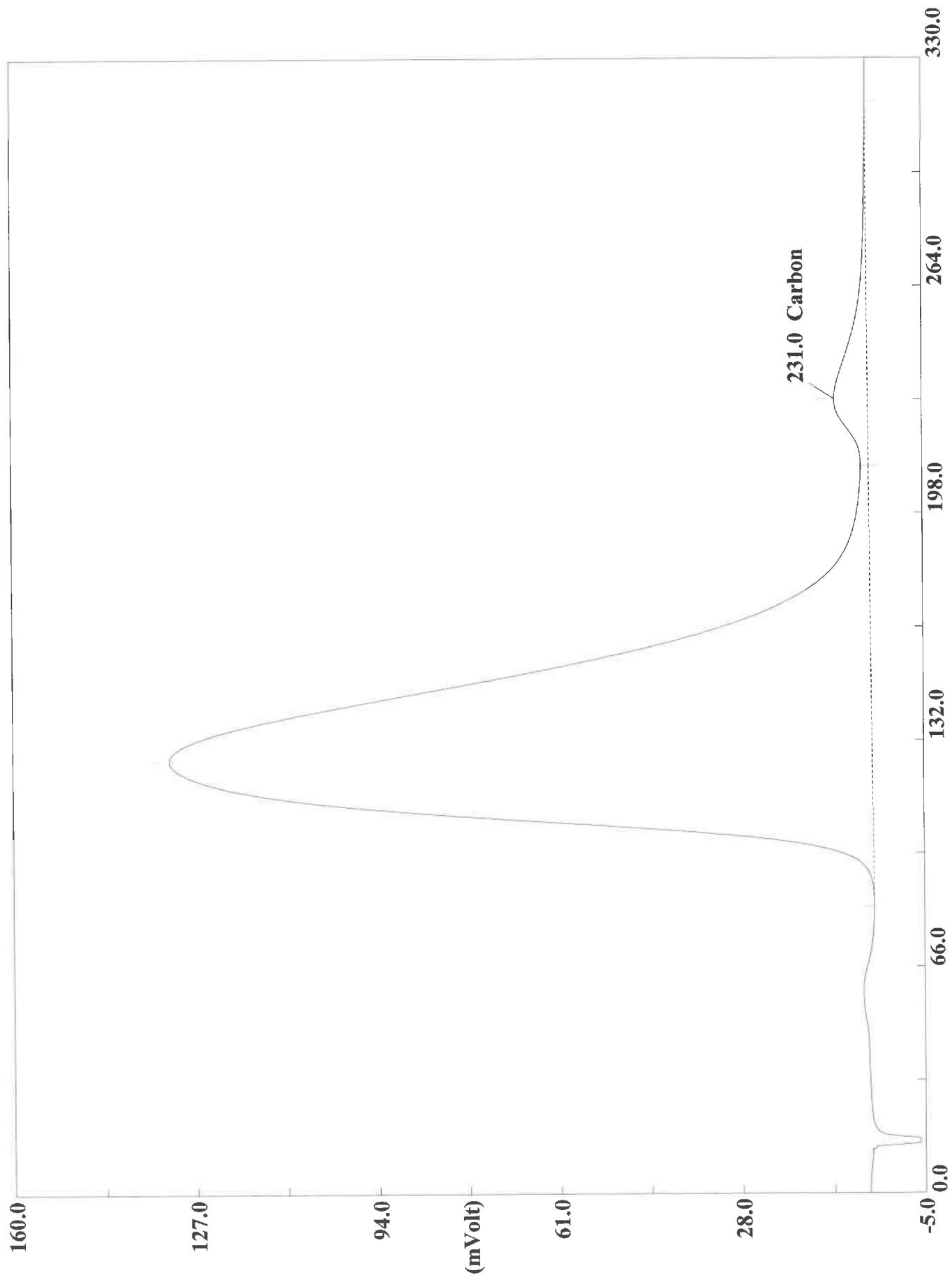
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920109
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:41 Printed : 9/30/2020 07:27
Sample ID : 460-218640-E-1 MSD (# 120)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.1

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8448	229	2586647	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920110.DAT
Sample name :460-218640-E-1 MSD Analysed :09/29/2020 23:46

Eager 300 Report

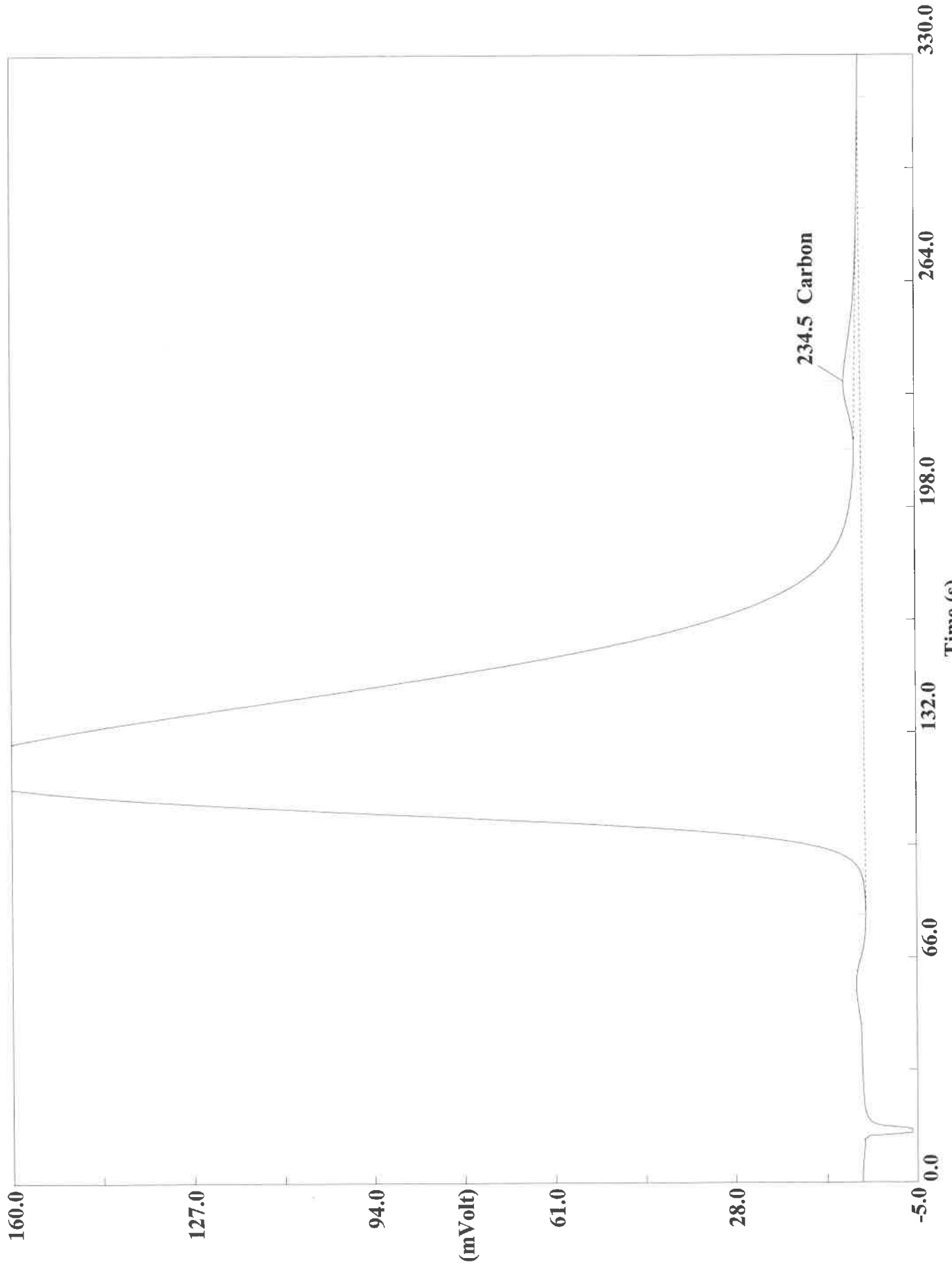
Page: 1 Sample: 460-218640-E-1 MSD (A092920110)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920110
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:46 Printed : 9/30/2020 07:27
Sample ID : 460-218640-E-1 MSD (# 121)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.8

Calib. method : using 'Least Squares to Linear fit'

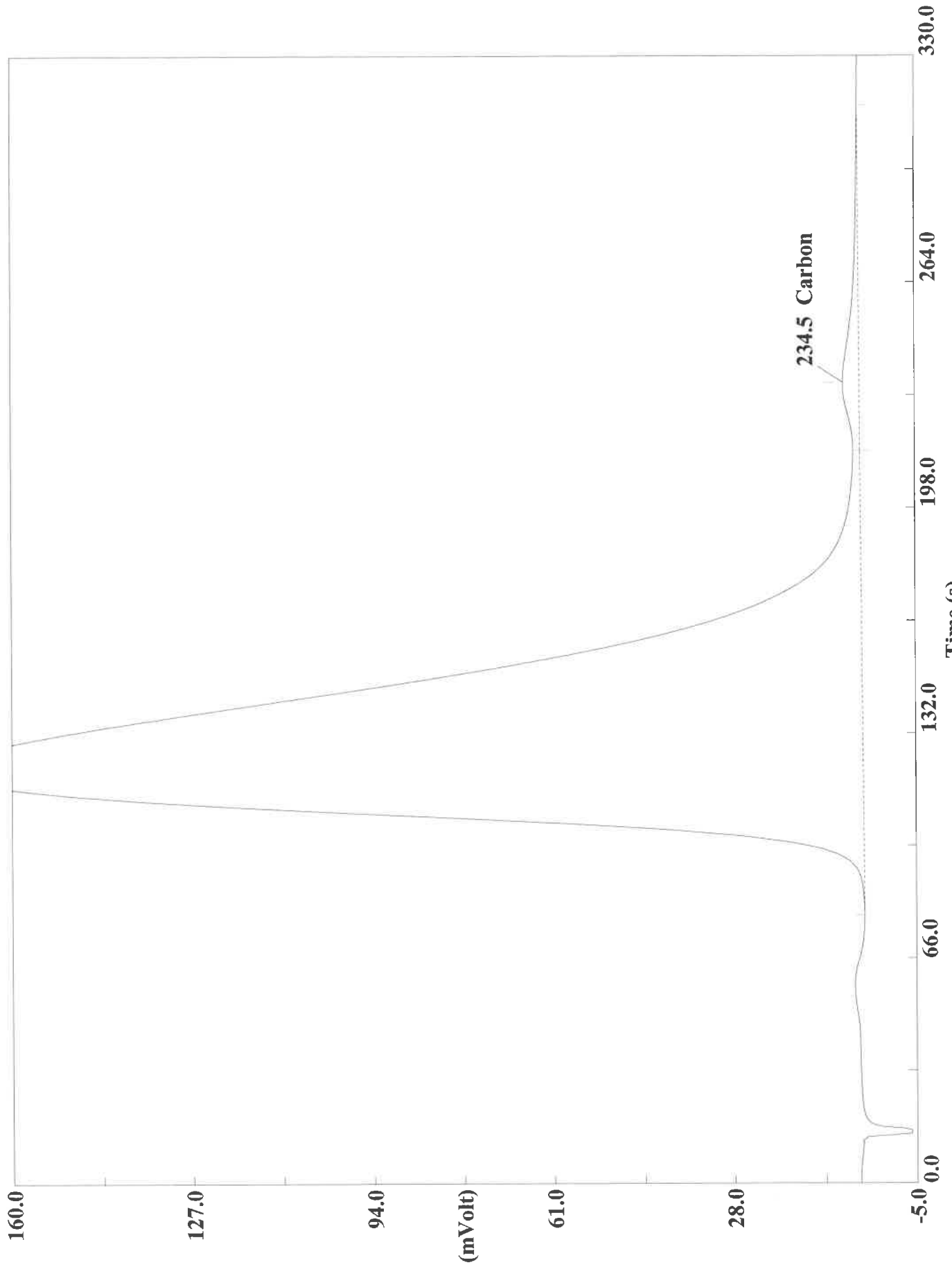
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5588	231	1994760	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920112.DAT
Sample name :460-218640-E-2 Analysed :09/29/2020 23:57

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920112.DAT
Sample name :460-218640-E-2 Analysed :09/29/2020 23:57

Eager 300 Report

Page: 1 Sample: 460-218640-E-2 (A092920112)

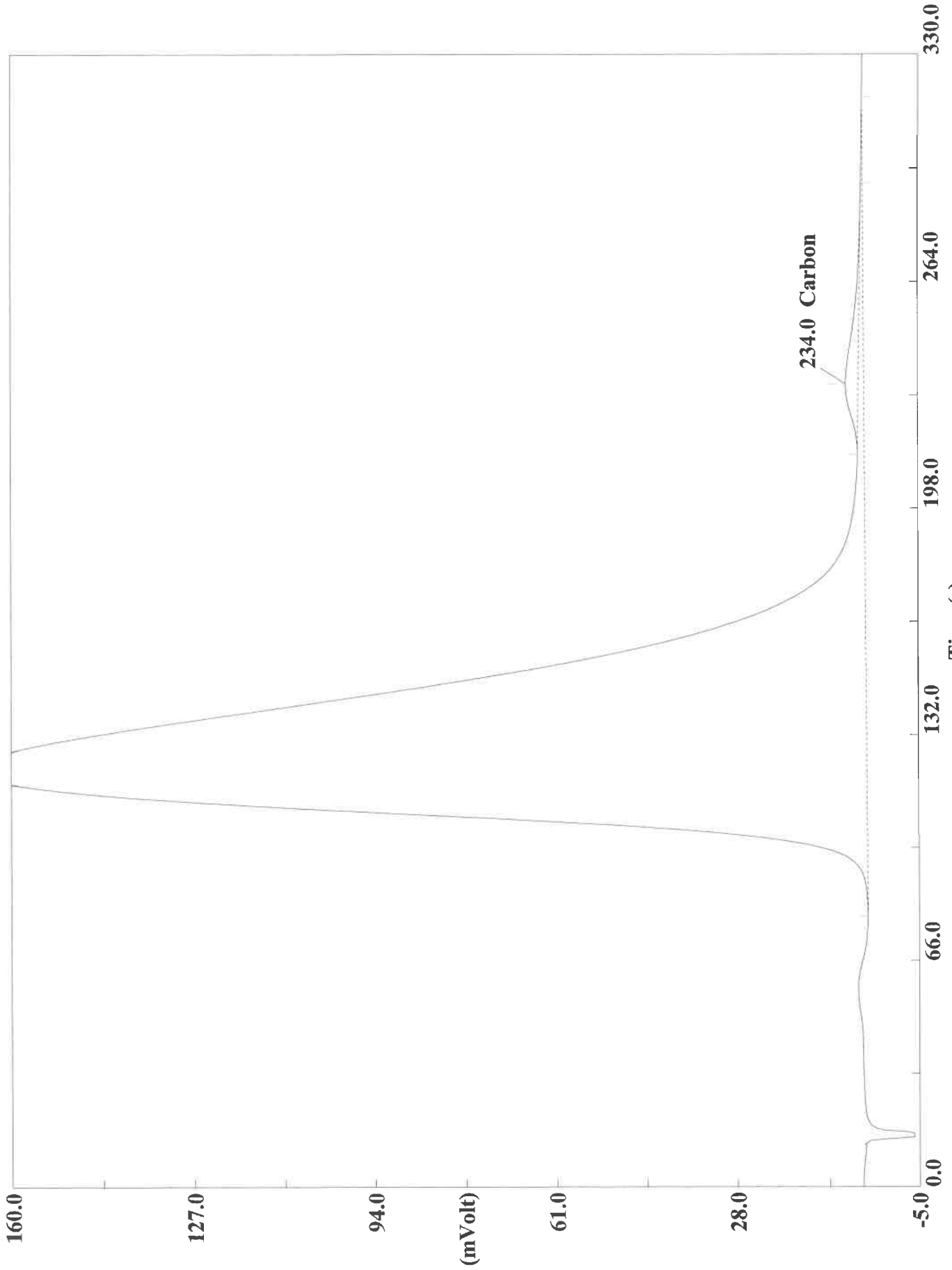
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920112
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/29/2020 23:57 Printed : 9/30/2020 07:28
Sample ID : 460-218640-E-2 (# 123)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.3

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3632	235	1136541	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20

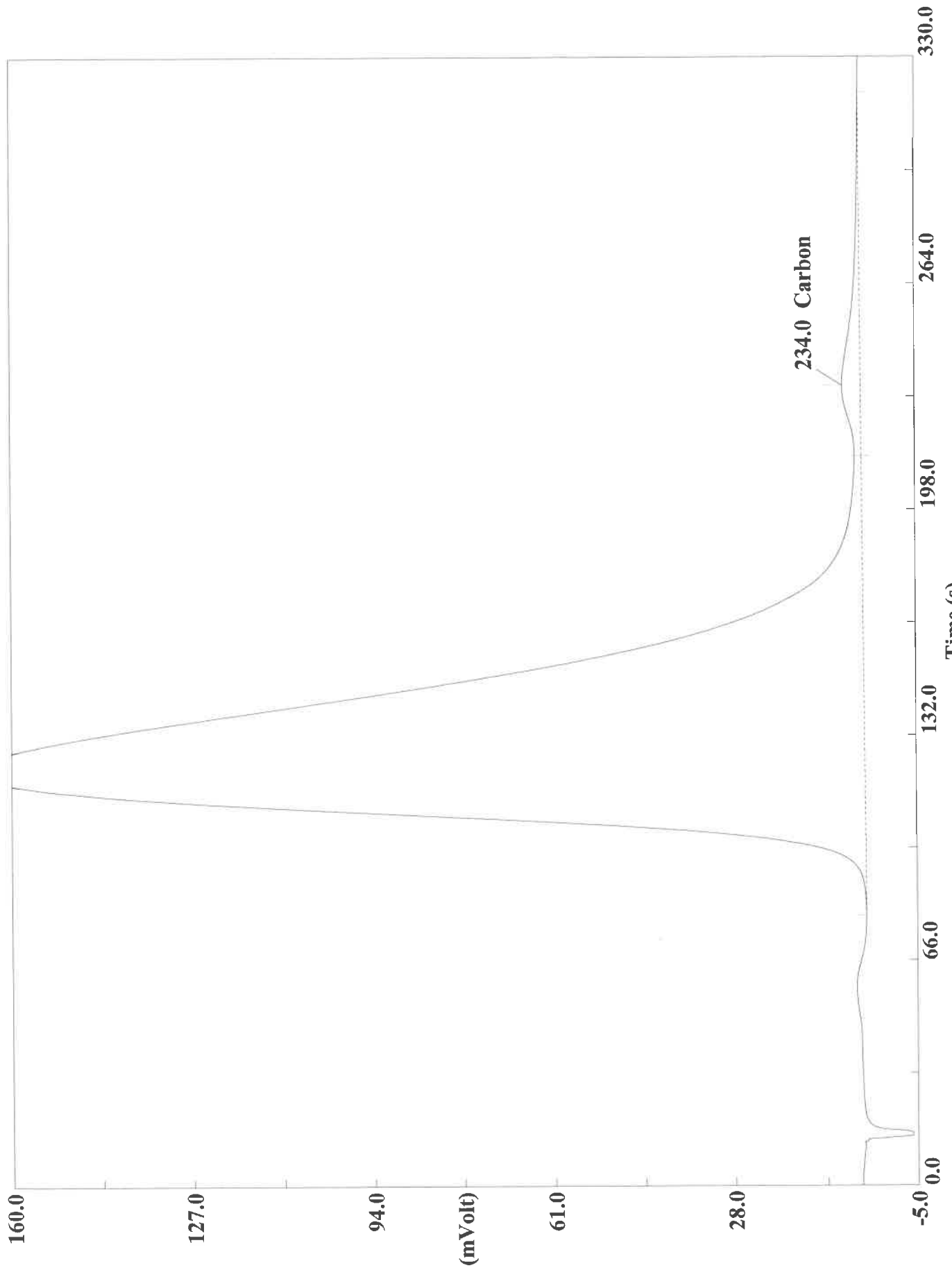


Time (s)

Filename C:\data\January\A092920113.DAT

Sample name :460-218640-E-2 Analysed :09/30/2020 00:03

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920113.DAT
Sample name :460-218640-E-2 Analysed :09/30/2020 00:03

Eager 300 Report

Page: 1 Sample: 460-218640-E-2 (A092920113)

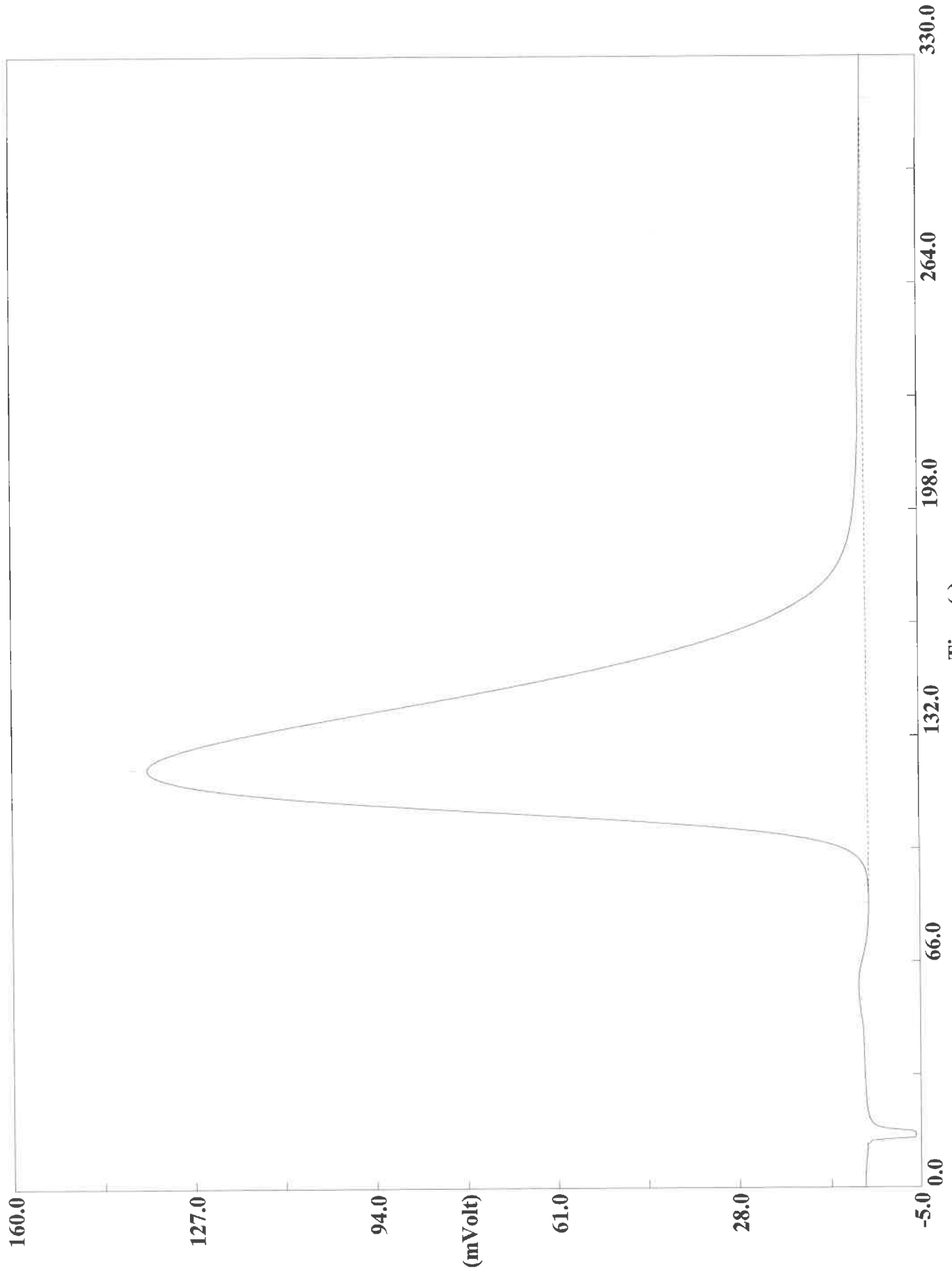
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920113
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:03 Printed : 9/30/2020 07:28
Sample ID : 460-218640-E-2 (# 124)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.6

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4503	234	1309168	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920115.DAT
Sample name :460-218640-F-3 Analysed :09/30/2020 00:14

Eager 300 Report

Page: 1 Sample: 460-218640-F-3 (A092920115)

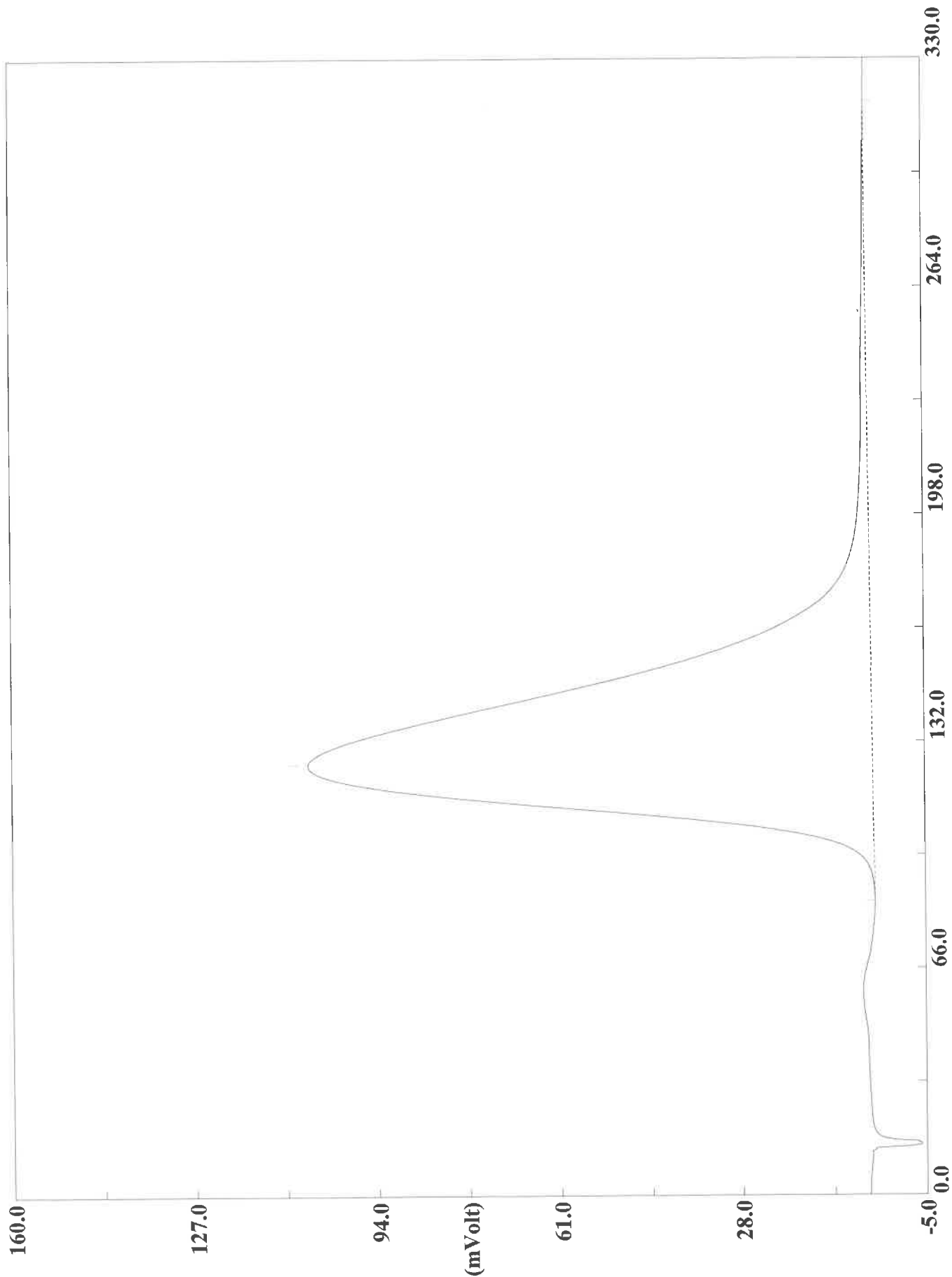
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920115
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:14 Printed : 9/30/2020 07:29
Sample ID : 460-218640-F-3 (# 126)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920116.DAT
Sample name :460-218640-F-3 Analysed :09/30/2020 00:20

Eager 300 Report

Page: 1 Sample: 460-218640-F-3 (A092920116)

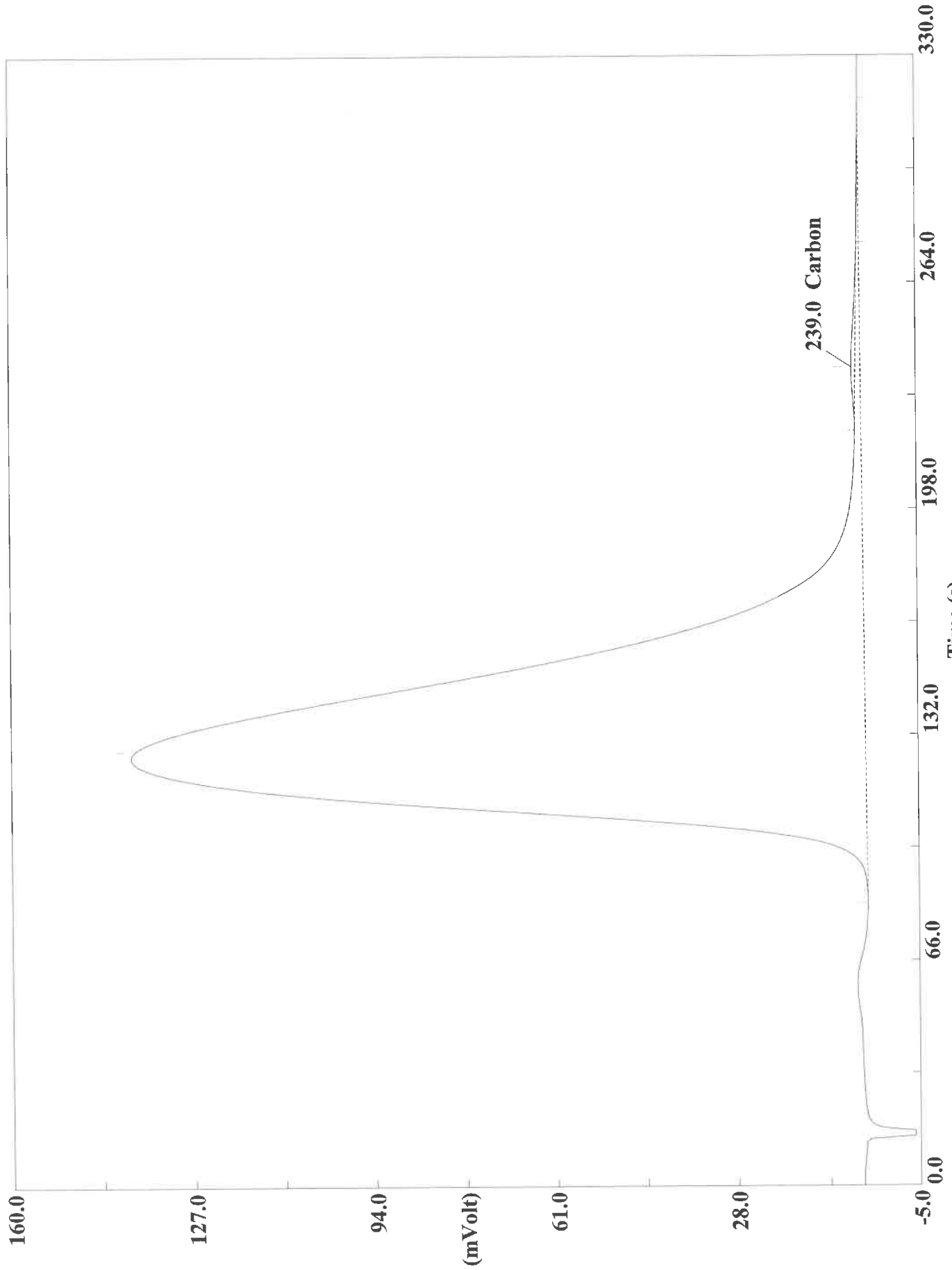
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920116
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:20 Printed : 9/30/2020 07:29
Sample ID : 460-218640-F-3 (# 127)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 30.7

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

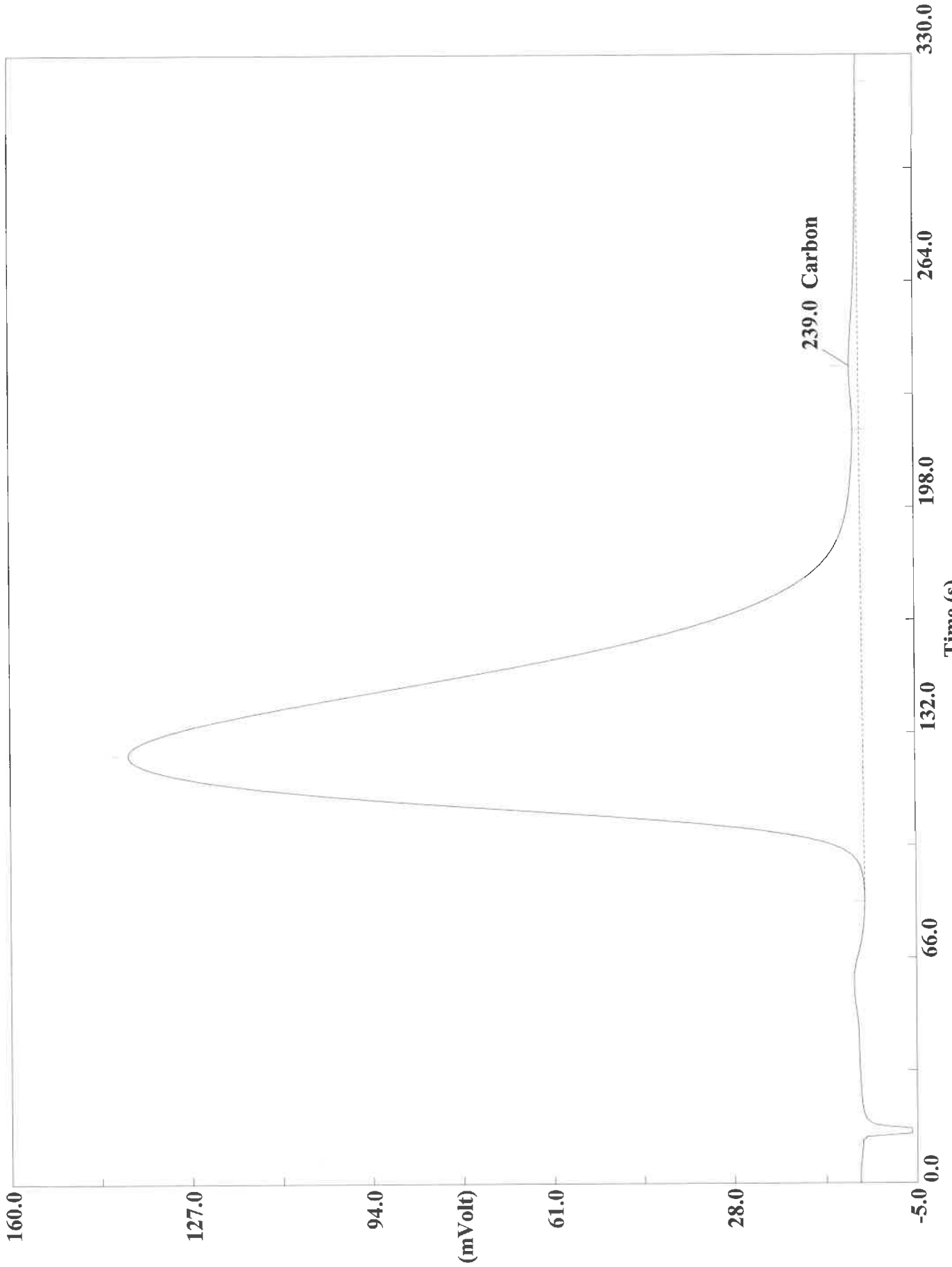
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920118.DAT
Sample name :460-218641-F-1 Analysed :09/30/2020 00:31

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920118.DAT
Sample name :460-218641-F-1 Analysed :09/30/2020 00:31

Eager 300 Report

Page: 1 Sample: 460-218641-F-1 (A092920118)

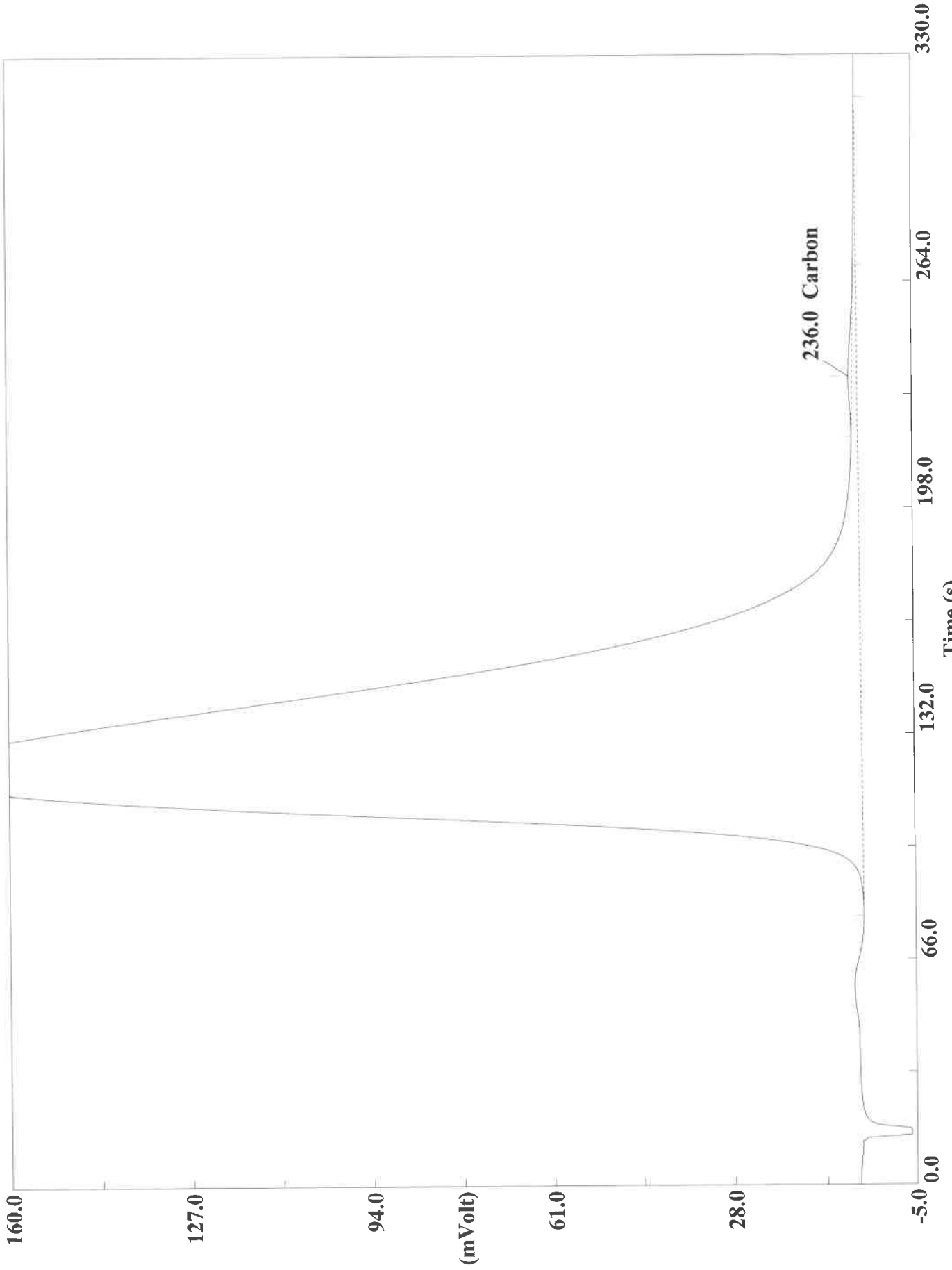
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920118
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:31 Printed : 9/30/2020 07:29
Sample ID : 460-218641-F-1 (# 129)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

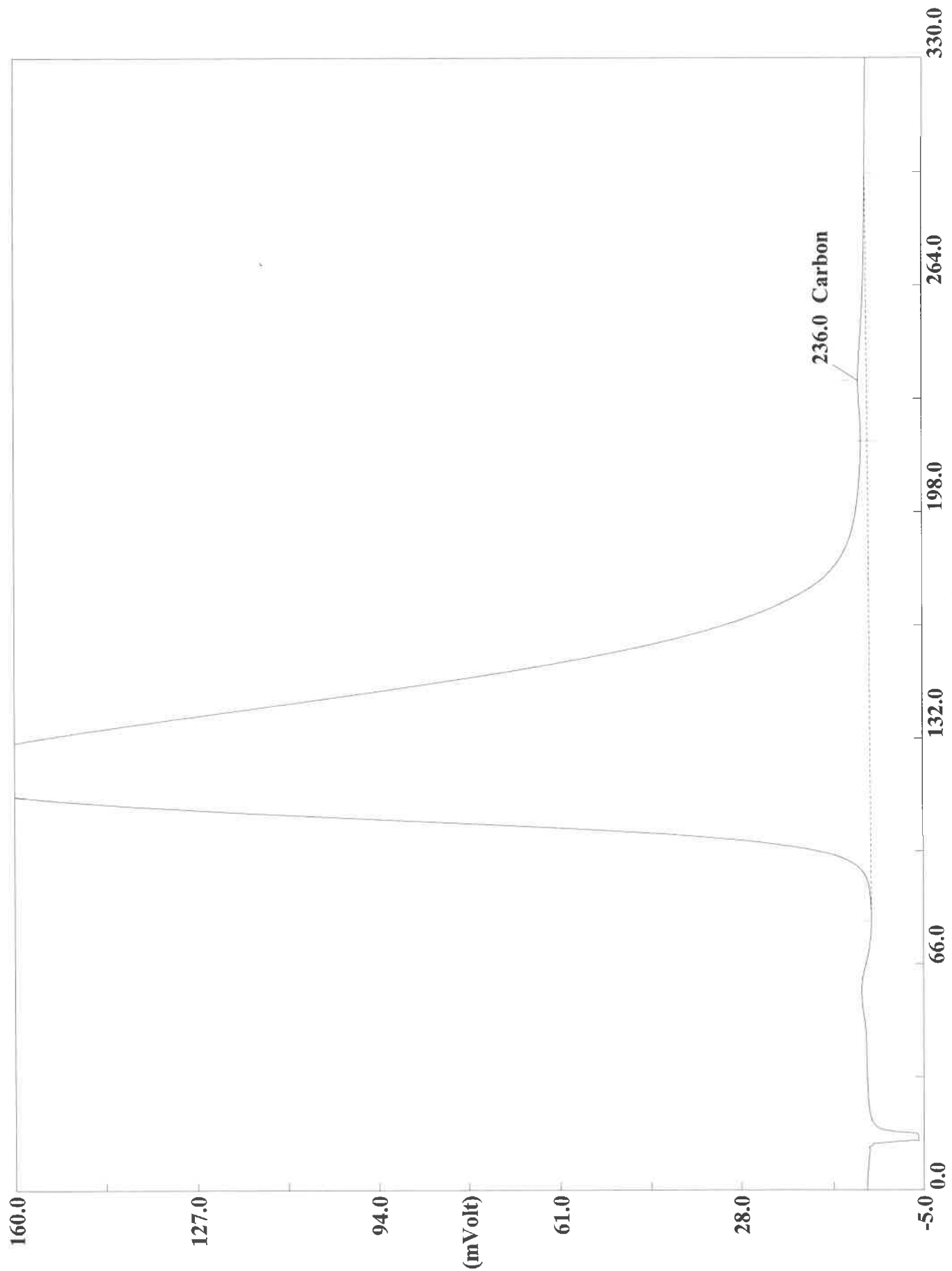
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.6695	239	752406	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920119.DAT
Sample name :460-218641-F-1 Analysed :09/30/2020 00:37

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920119.DAT
Sample name :460-218641-F-1 Analysed :09/30/2020 00:37

Eager 300 Report

Page: 1 Sample: 460-218641-F-1 (A092920119)

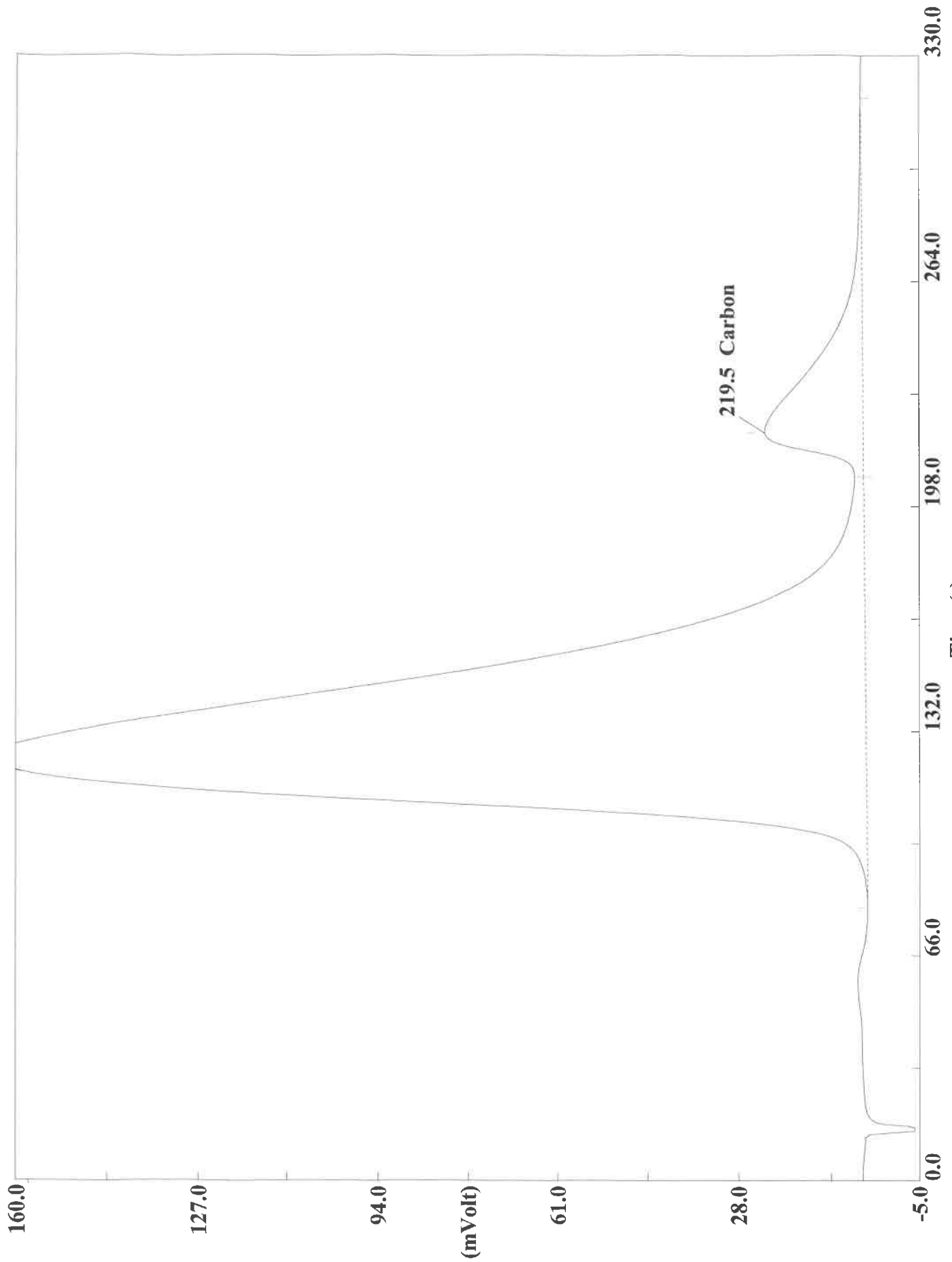
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920119
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:37 Printed : 9/30/2020 07:30
Sample ID : 460-218641-F-1 (# 130)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.5834	236	591724	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920121.DAT
Sample name :CCV Analysed :09/30/2020 00:48

Eager 300 Report

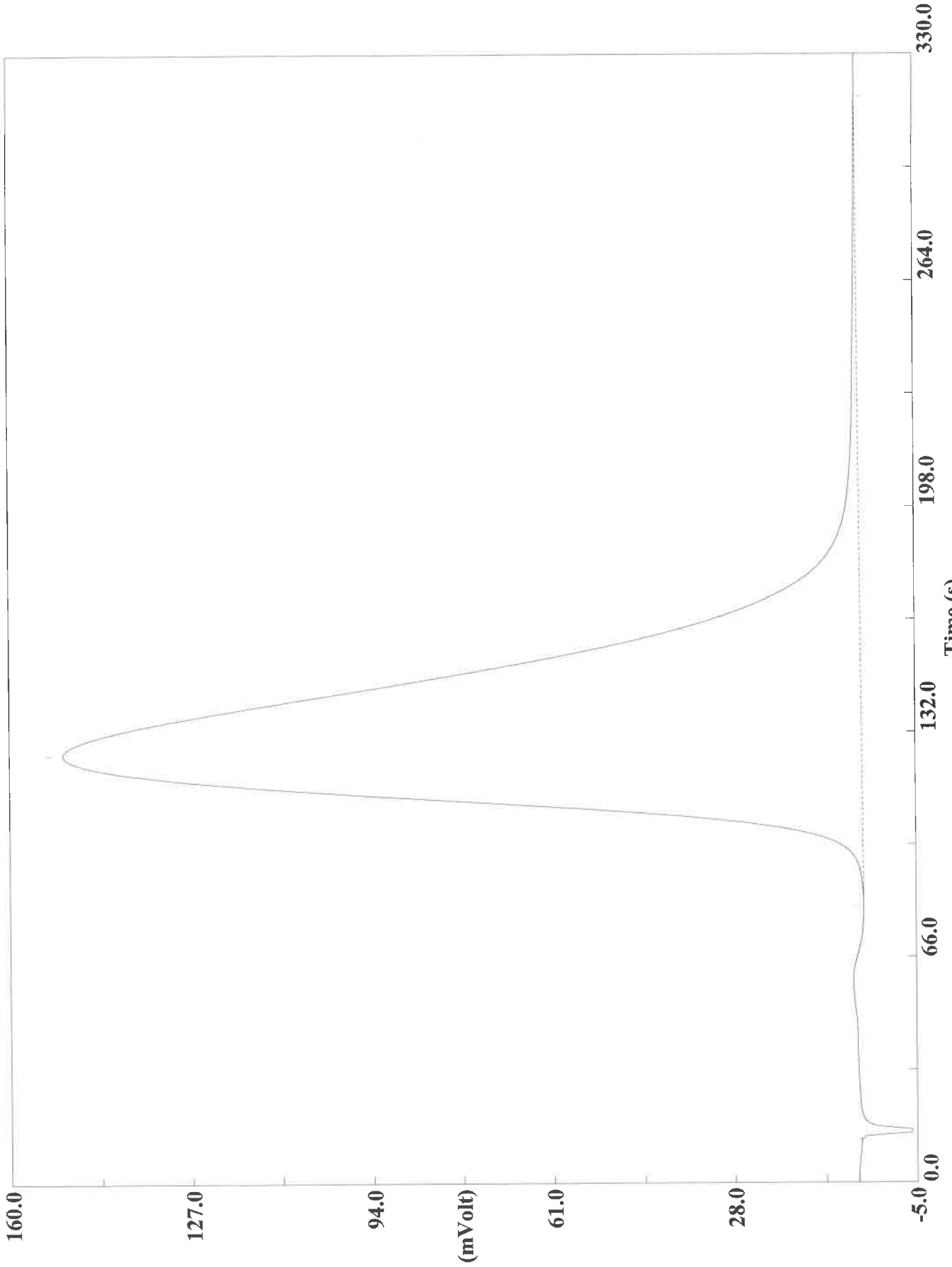
Page: 1 Sample: CCV (A092920121)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920121
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:48 Printed : 9/30/2020 07:30
Sample ID : CCV (# 132)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0302	220	5354985	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920122.DAT
Sample name :CCB Analysed :09/30/2020 00:53

Eager 300 Report

Page: 1 Sample: CCB (A092920122)

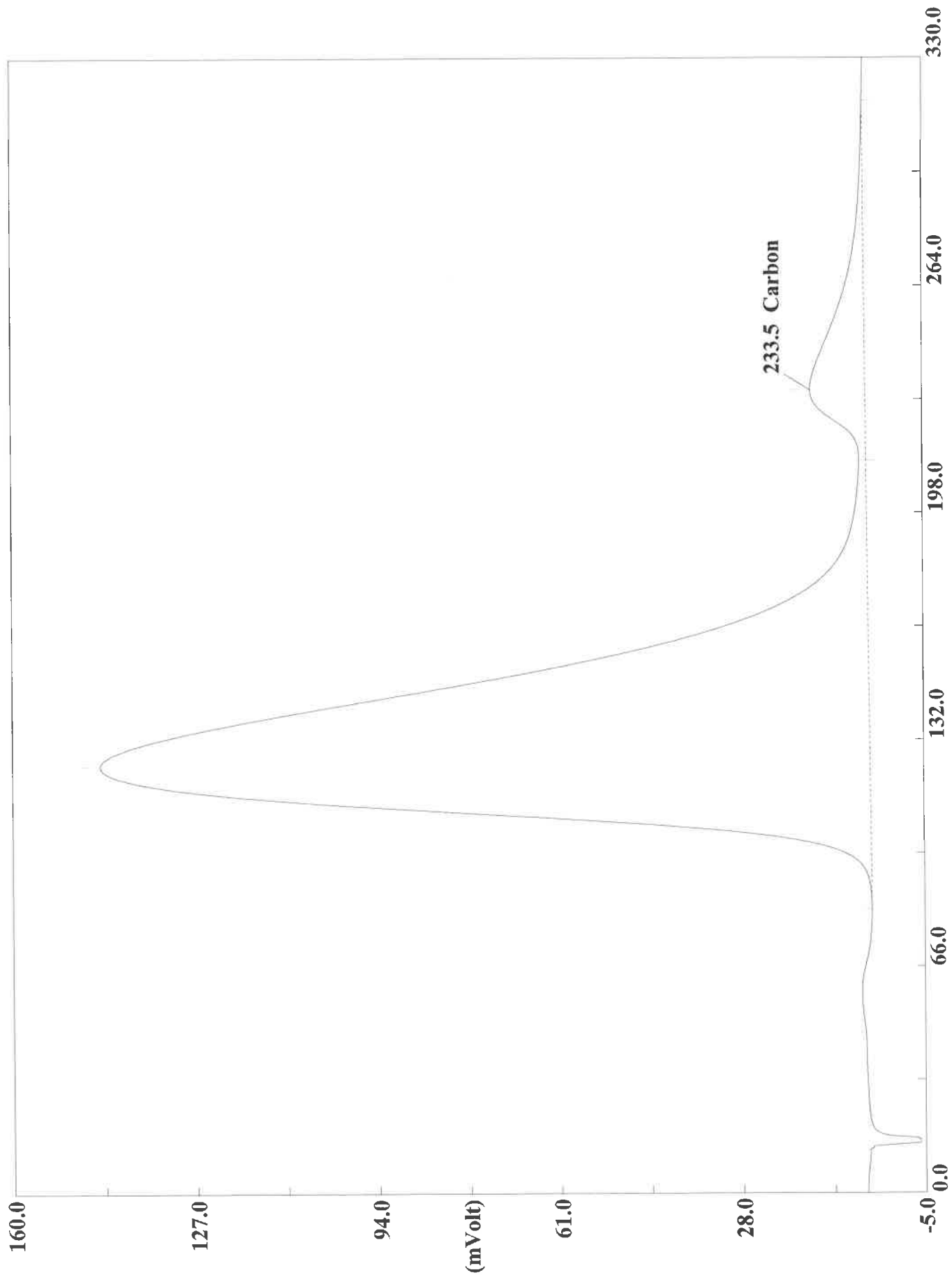
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920122
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:53 Printed : 9/30/2020 07:30
Sample ID : CCB (# 133)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920123.DAT
Sample name :460-218641-E-2 Analysed :09/30/2020 00:59

Eager 300 Report

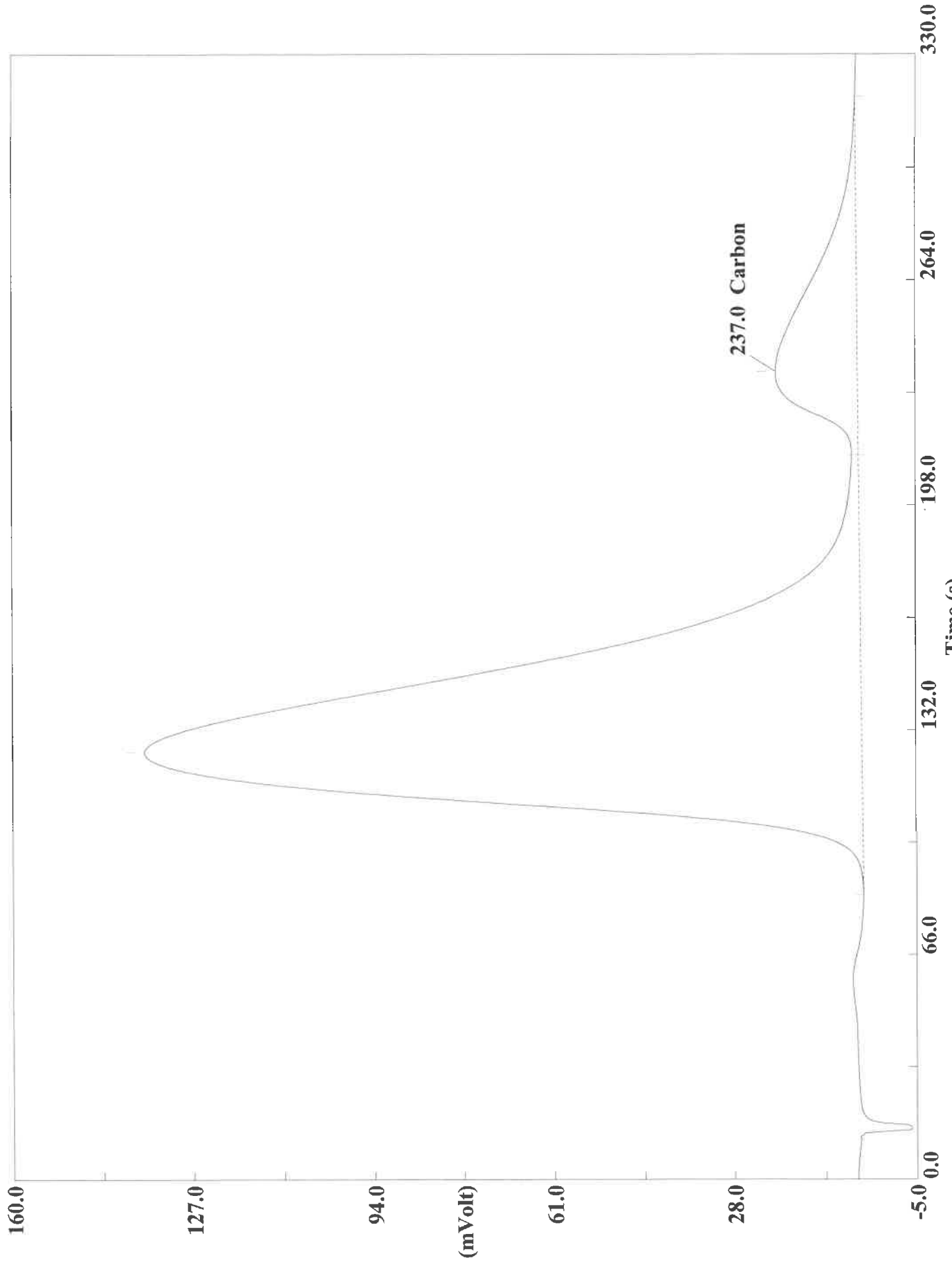
Page: 1 Sample: 460-218641-E-2 (A092920123)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920123
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 00:59 Printed : 9/30/2020 07:31
Sample ID : 460-218641-E-2 (# 134)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.3350	234	3702701	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920124.DAT
Sample name :460-218641-E-2 Analysed :09/30/2020 01:04

Eager 300 Report

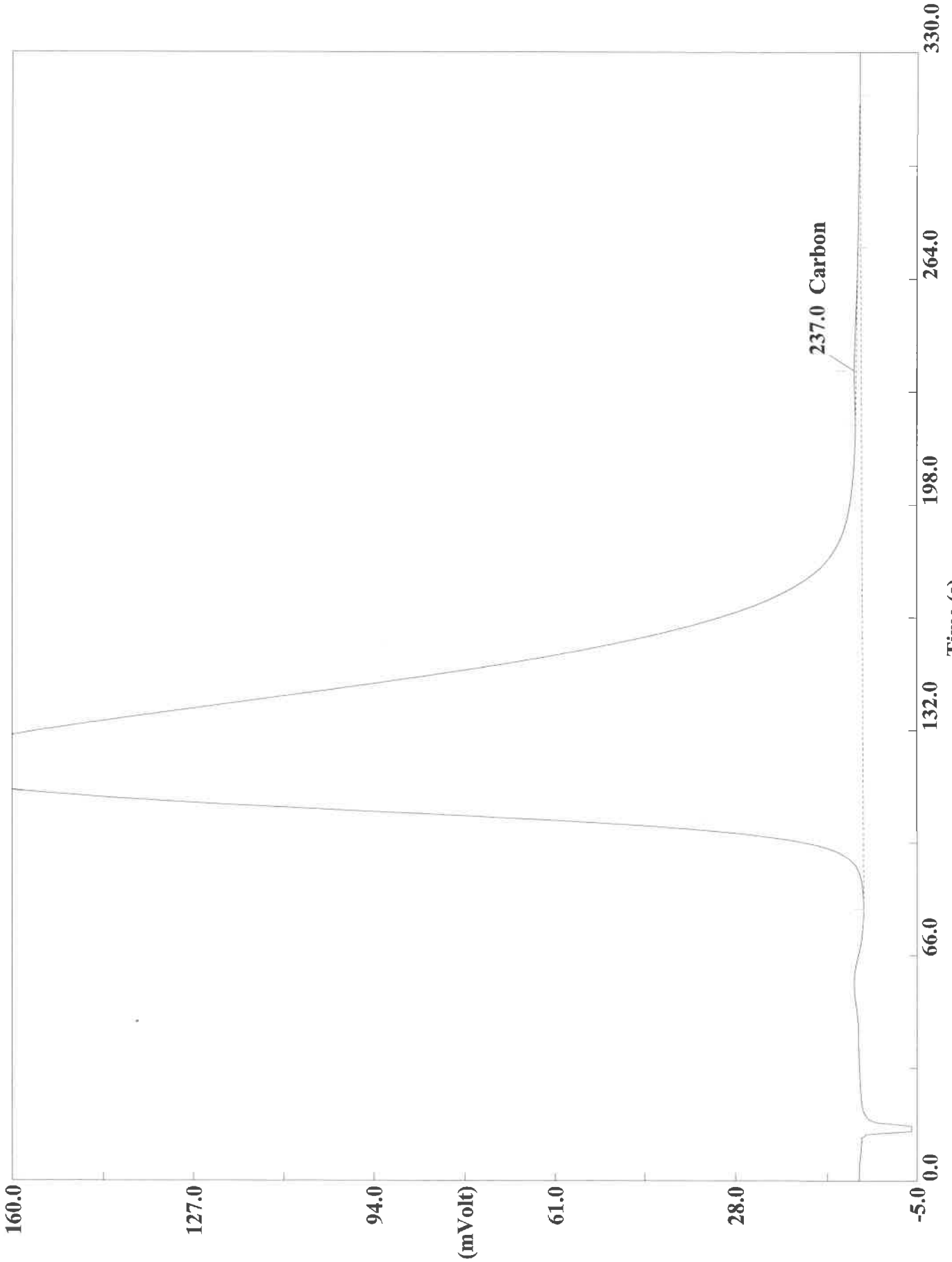
Page: 1 Sample: 460-218641-E-2 (A092920124)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920124
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:04 Printed : 9/30/2020 07:31
Sample ID : 460-218641-E-2 (# 135)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

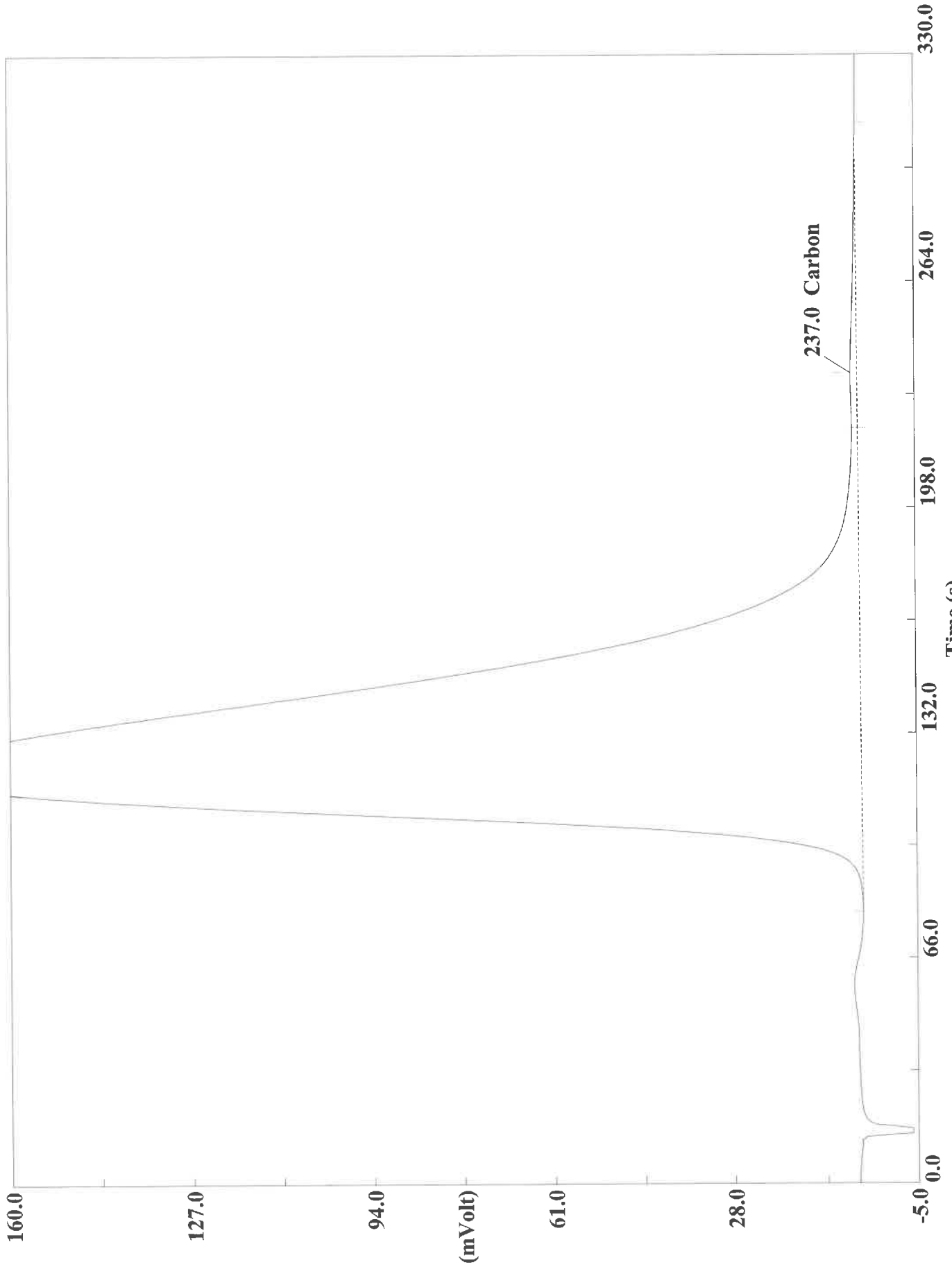
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	6.4713	237	6497392	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920126.DAT
Sample name :460-218641-E-3 Analysed :09/30/2020 01:16

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920126.DAT
Sample name :460-218641-E-3 Analysed :09/30/2020 01:16

Eager 300 Report

Page: 1 Sample: 460-218641-E-3 (A092920126)

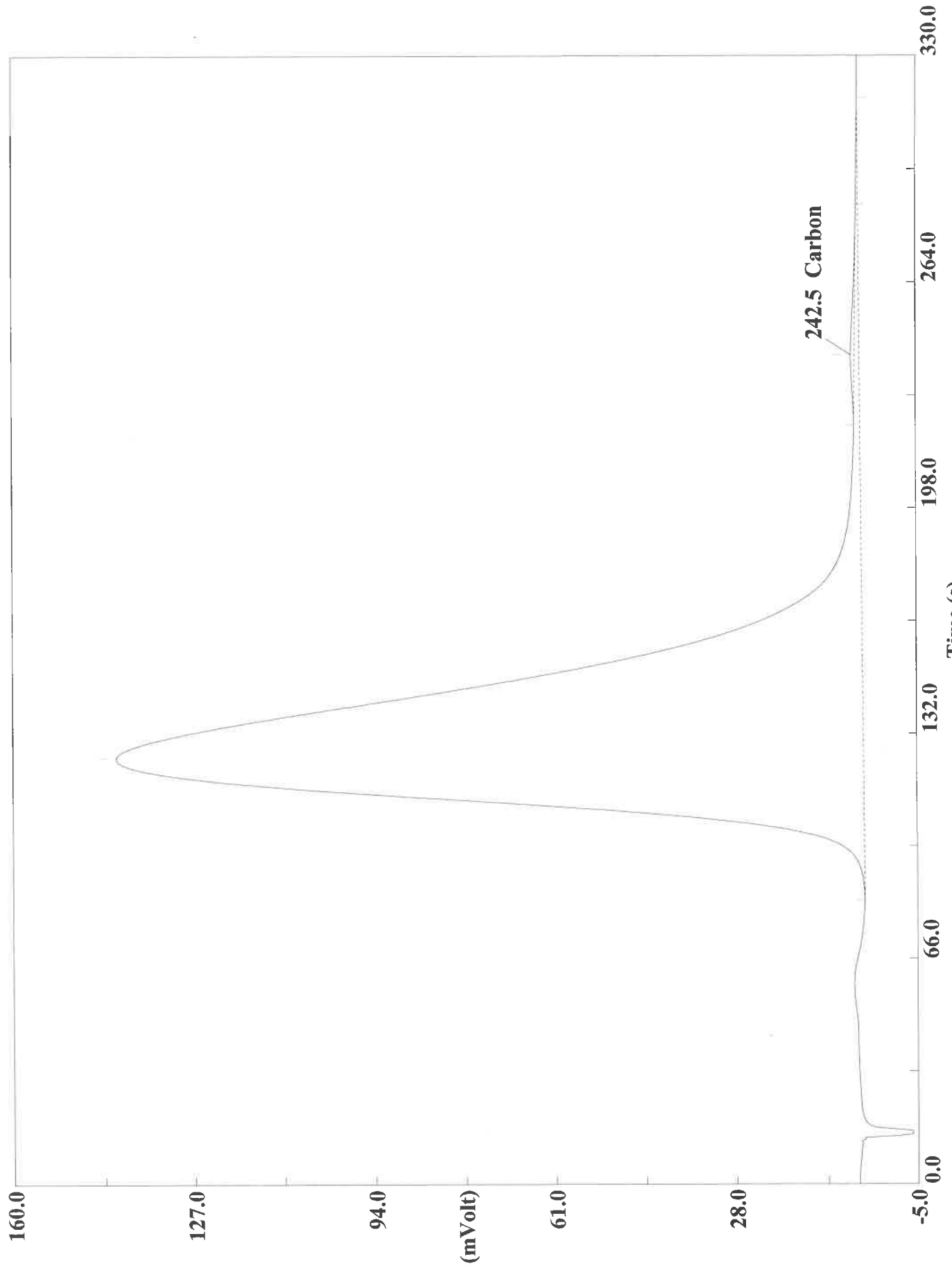
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920126
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:16 Printed : 9/30/2020 07:32
Sample ID : 460-218641-E-3 (# 137)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

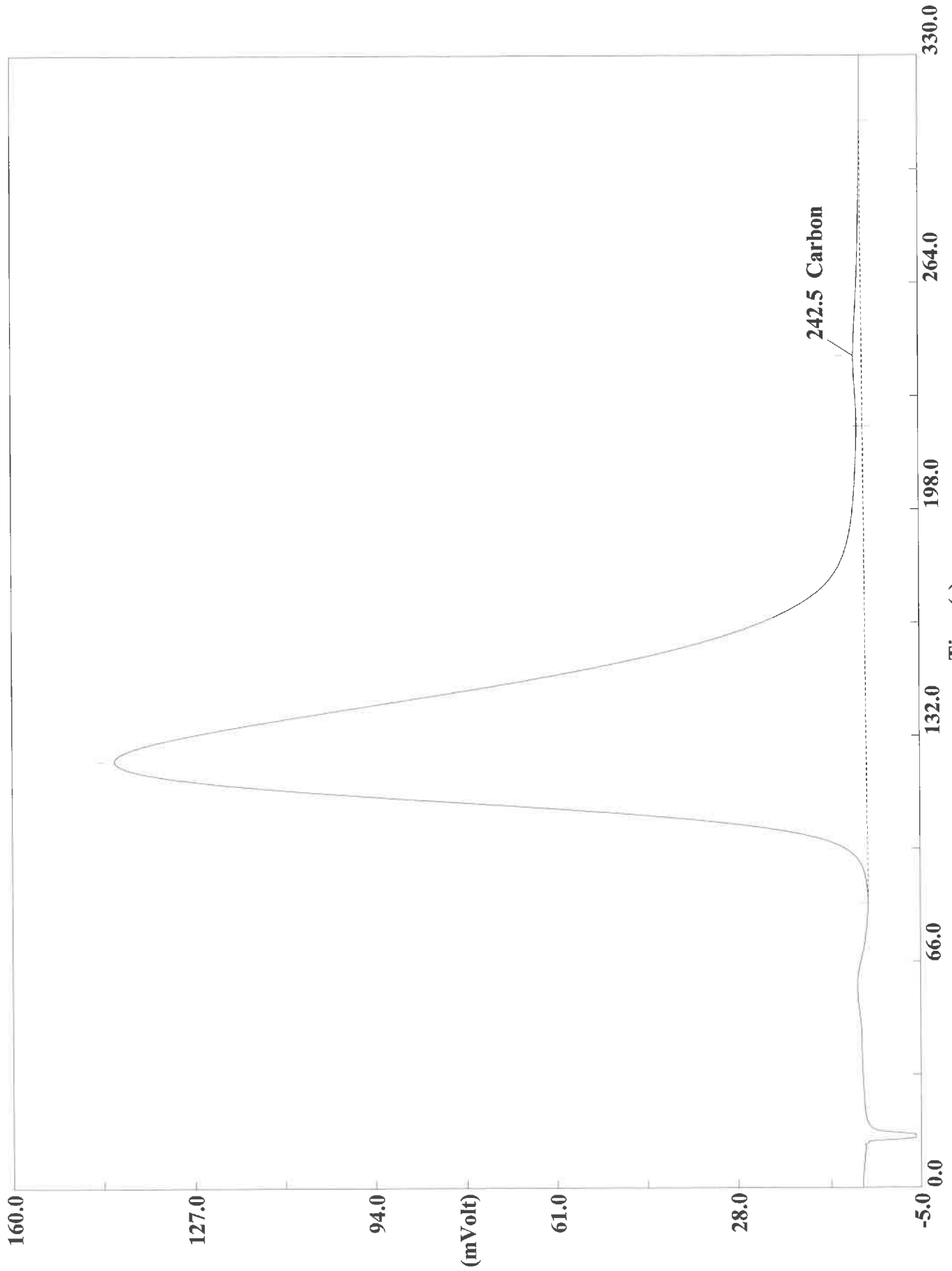
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.5204	237	555123	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920127.DAT
Sample name :460-218641-E-3 Analysed :09/30/2020 01:21

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920127.DAT
Sample name :460-218641-E-3 Analysed :09/30/2020 01:21

Eager 300 Report

Page: 1 Sample: 460-218641-E-3 (A092920127)

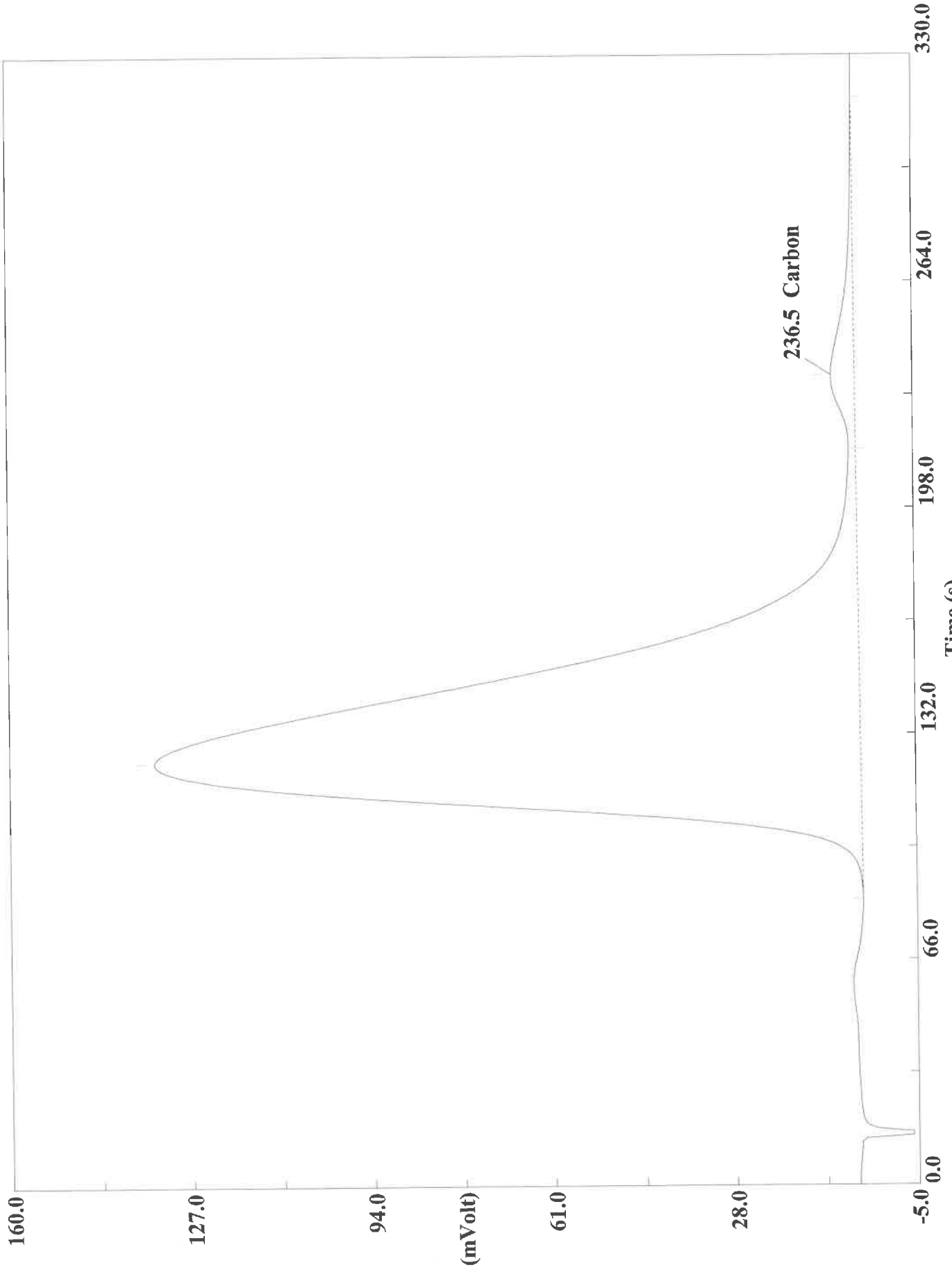
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920127
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:21 Printed : 9/30/2020 07:32
Sample ID : 460-218641-E-3 (# 138)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.5

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7339	243	685331	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920129.DAT
Sample name :460-218641-E-3MS Analysed :09/30/2020 01:32

Eager 300 Report

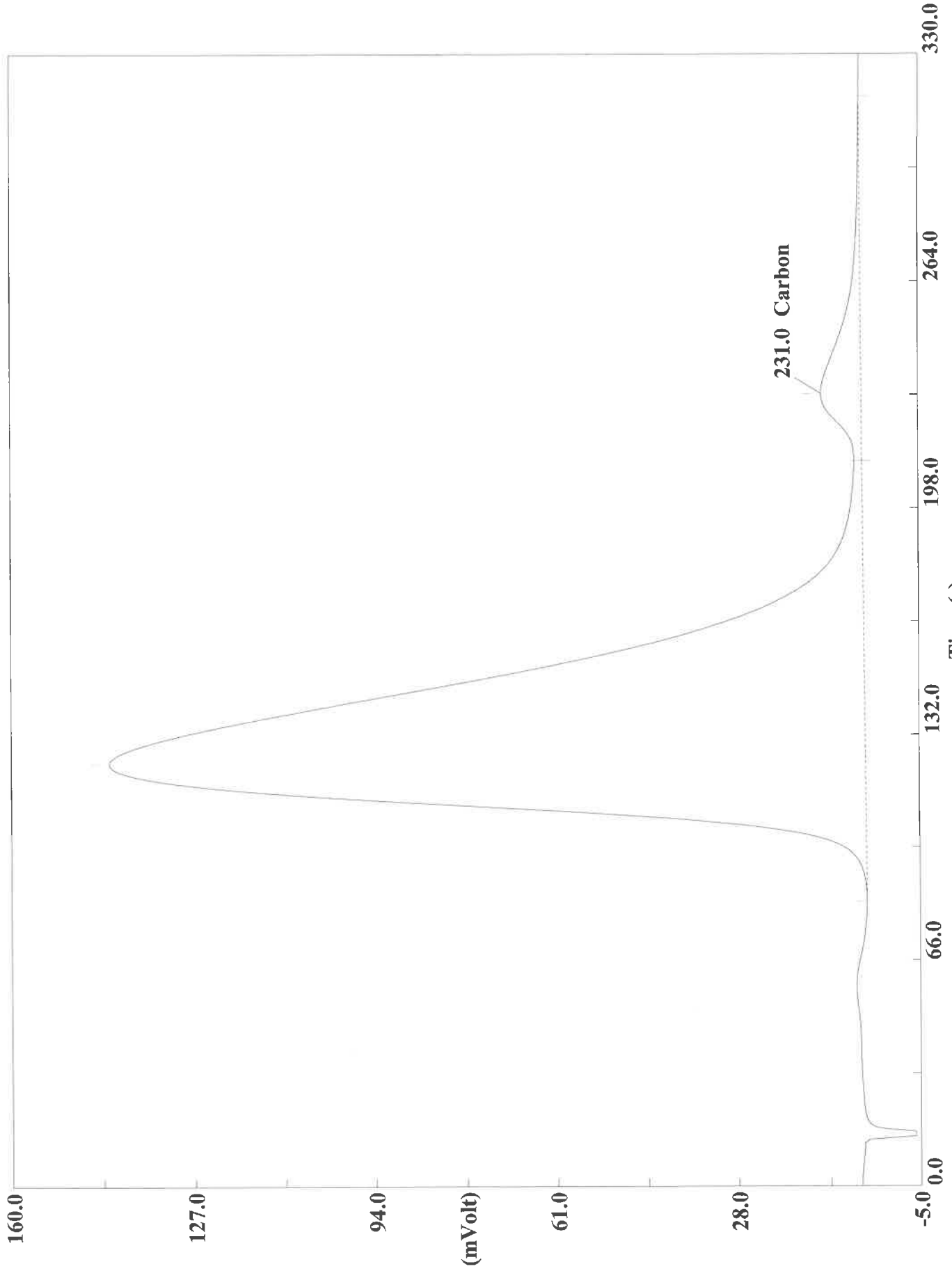
Page: 1 Sample: 460-218641-E-3MS (A092920129)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920129
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:32 Printed : 9/30/2020 07:33
Sample ID : 460-218641-E-3MS (# 140)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4819	237	1578006	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920130.DAT

Sample name :460-218641-E-3MS Analysed :09/30/2020 01:38

Eager 300 Report

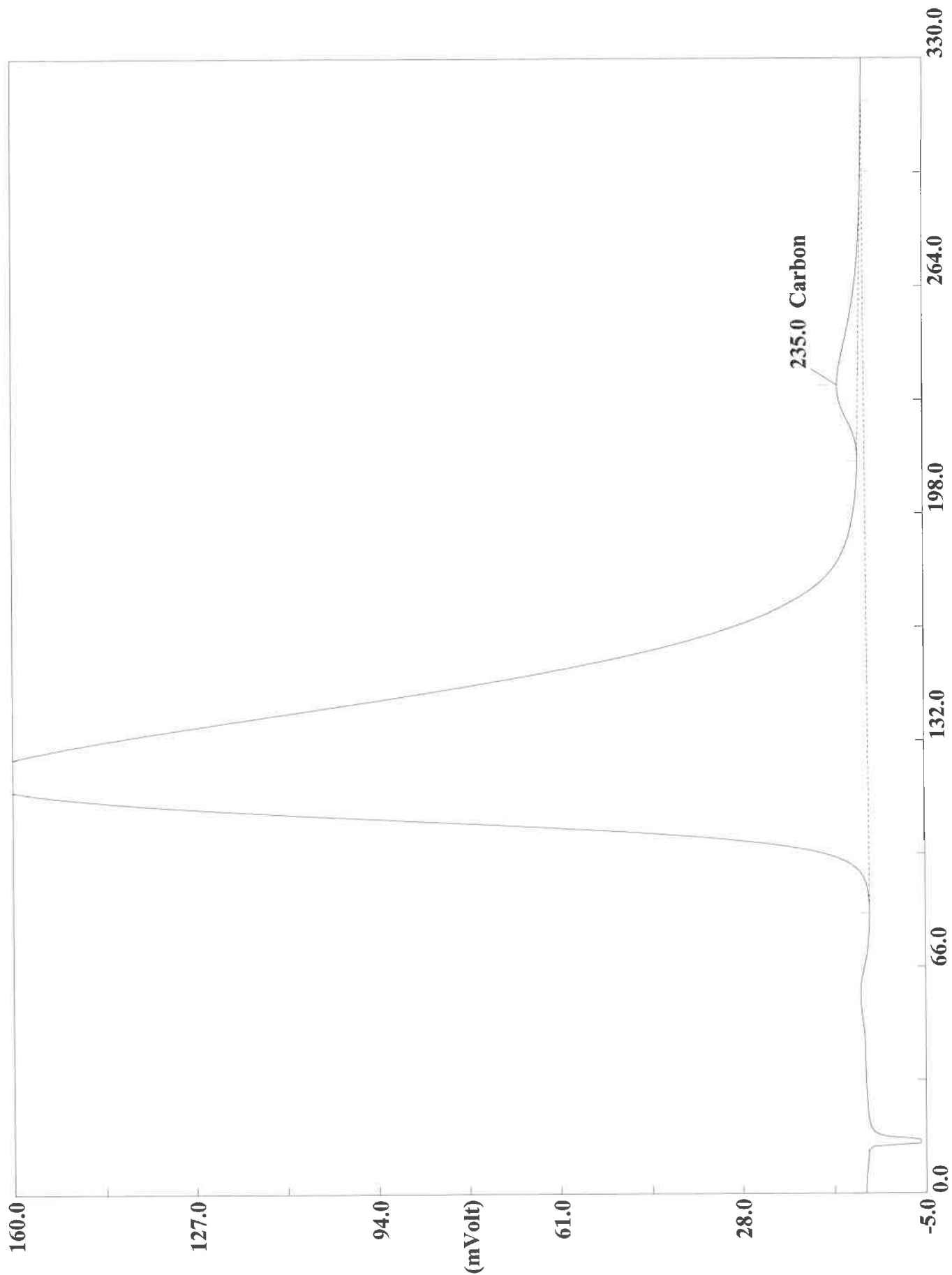
Page: 1 Sample: 460-218641-E-3MS (A092920130)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920130
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:38 Printed : 9/30/2020 07:33
Sample ID : 460-218641-E-3MS (# 141)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9471	231	2426420	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20

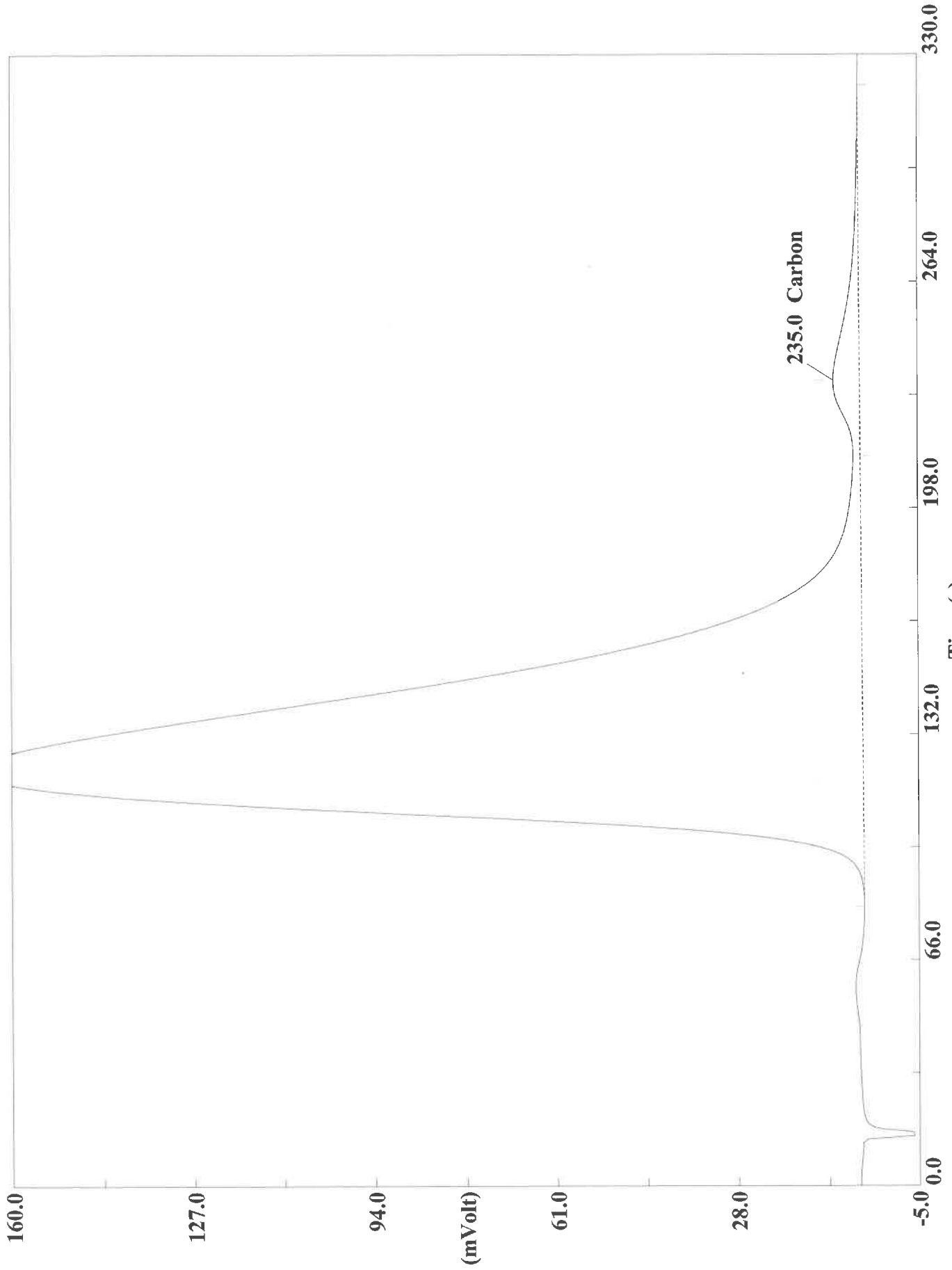


Time (s)

Filename C:\data\January\A092920132.DAT

Sample name :460-218641-E-3MSD Analysed :09/30/2020 01:49

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920132.DAT

Sample name :460-218641-E-3MSD Analysed :09/30/2020 01:49

Eager 300 Report

Page: 1 Sample: 460-218641-E-3MSD (A092920132)

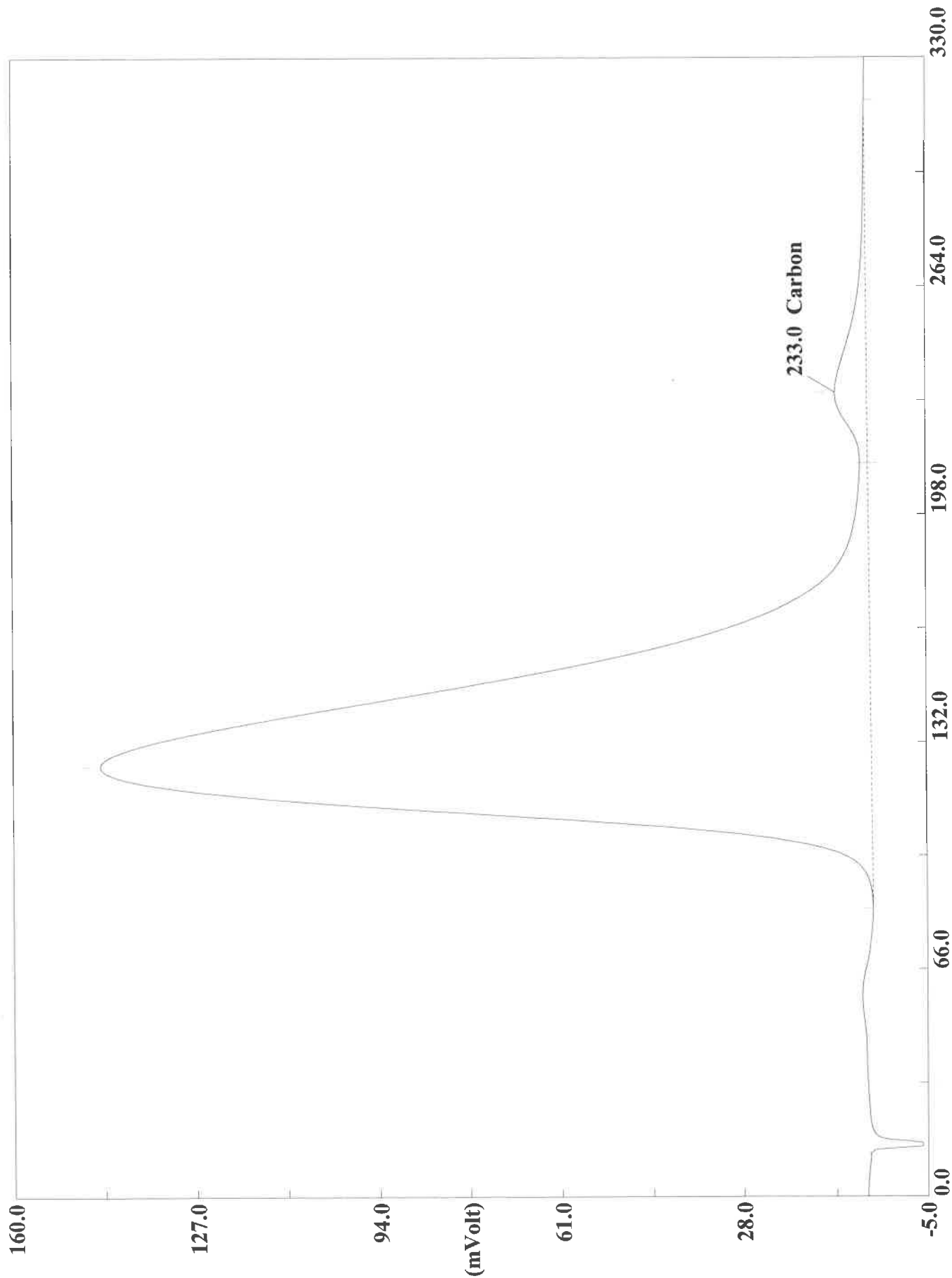
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920132
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:49 Printed : 9/30/2020 07:33
Sample ID : 460-218641-E-3MSD (# 143)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5568	235	1837839	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Time (s)

Filename C:\data\January\A092920133.DAT

Sample name :460-218641-E-3MSD Analysed :09/30/2020 01:55

Eager 300 Report

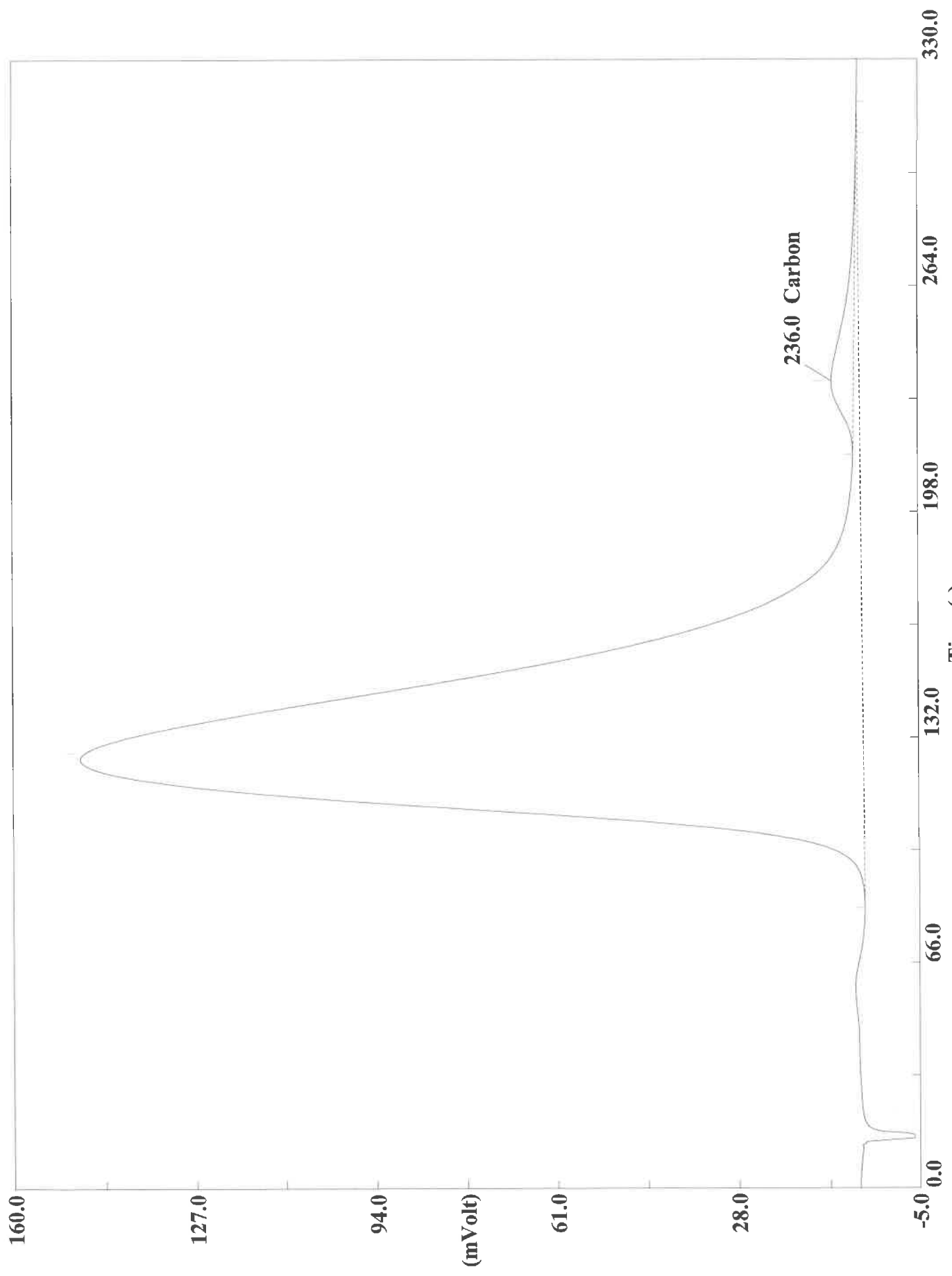
Page: 1 Sample: 460-218641-E-3MSD (A092920133)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920133
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 01:55 Printed : 9/30/2020 07:34
Sample ID : 460-218641-E-3MSD (# 144)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.4

Calib. method : using 'Least Squares to Linear fit'

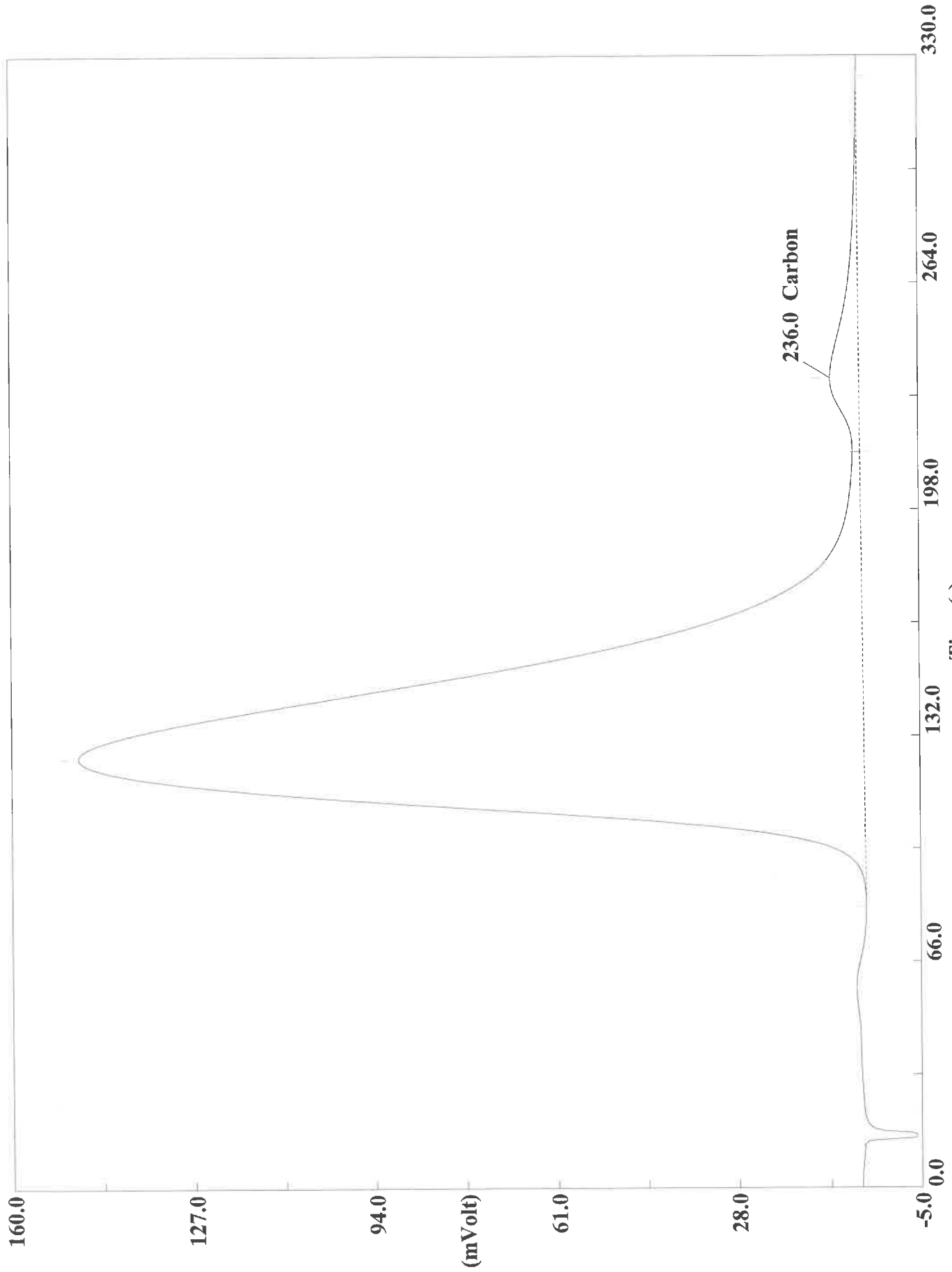
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5743	233	1982034	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920135.DAT
Sample name :460-218641-E-4 Analysed :09/30/2020 02:06

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920135.DAT
Sample name :460-218641-E-4 Analysed :09/30/2020 02:06

Eager 300 Report

Page: 1 Sample: 460-218641-E-4 (A092920135)

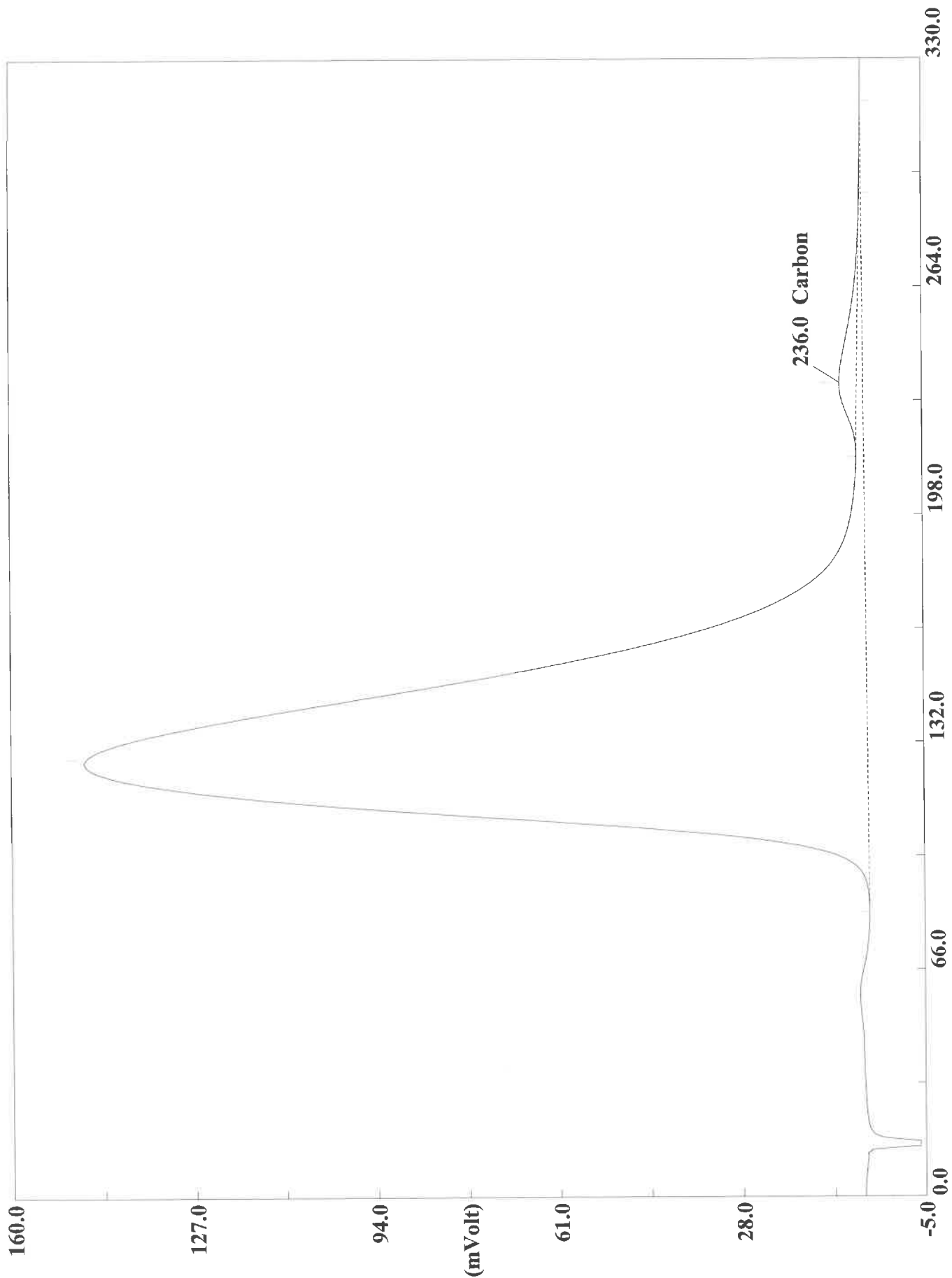
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920135
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 02:06 Printed : 9/30/2020 07:34
Sample ID : 460-218641-E-4 (# 146)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

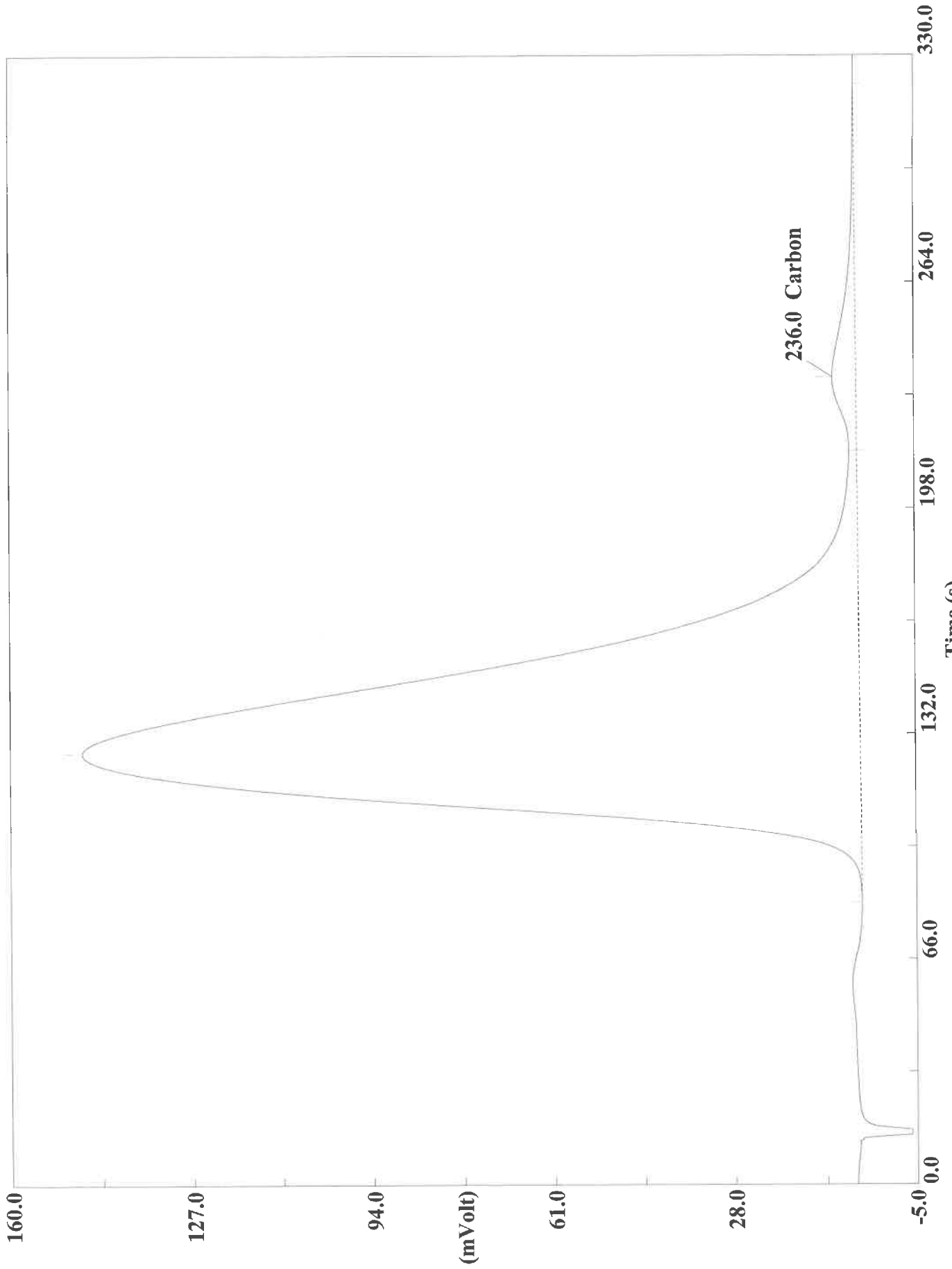
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8504	236	2005301	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920136.DAT
Sample name :460-218641-E-4 Analysed :09/30/2020 02:11

MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920136.DAT
Sample name :460-218641-E-4 Analysed :09/30/2020 02:11

Eager 300 Report

Page: 1 Sample: 460-218641-E-4 (A092920136)

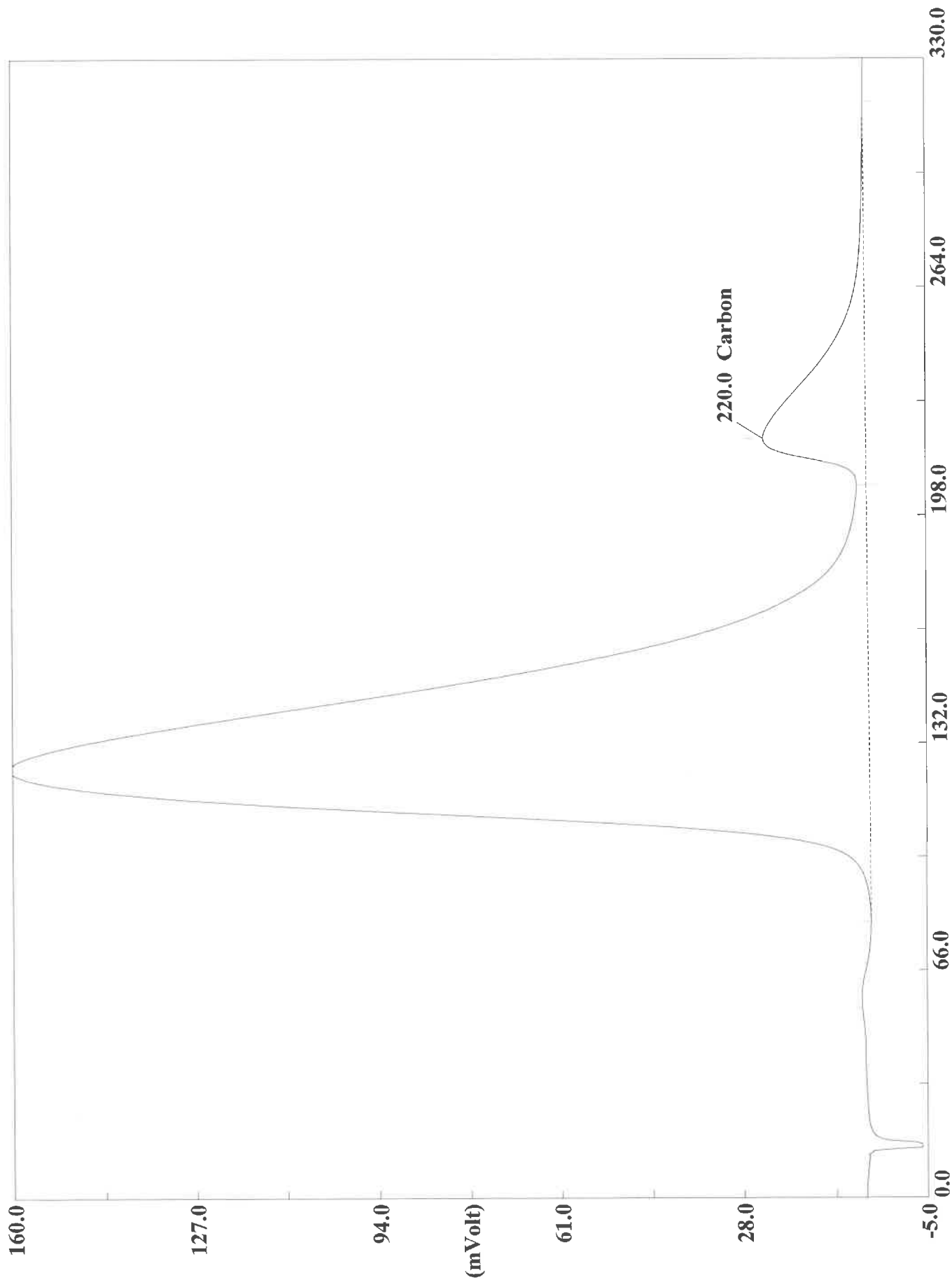
Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920136
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 02:11 Printed : 9/30/2020 07:35
Sample ID : 460-218641-E-4 (# 147)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.6

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8389	236	1666238	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920138.DAT
Sample name :CCV Analysed :09/30/2020 02:23

Eager 300 Report

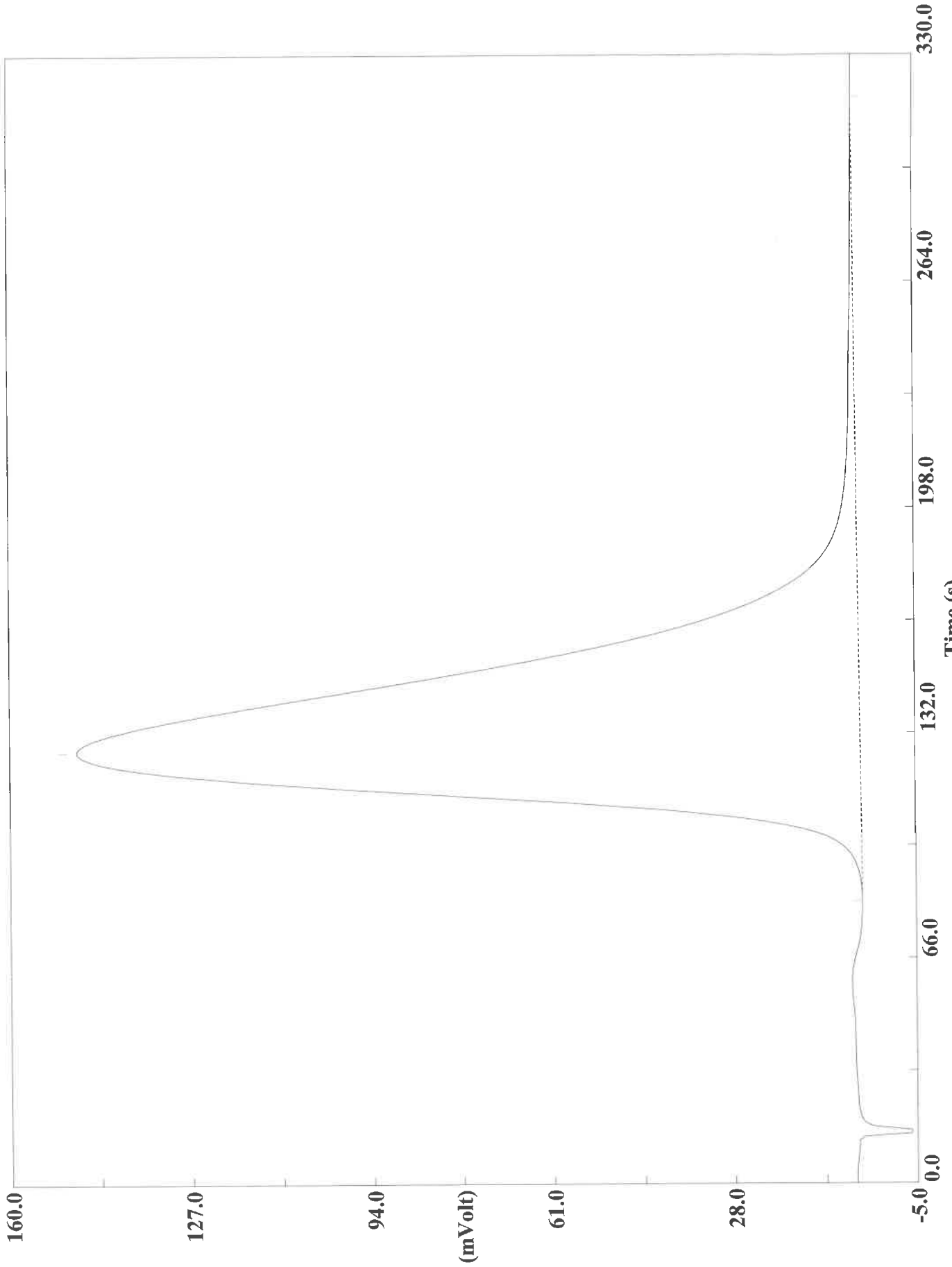
Page: 1 Sample: CCV (A092920138)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920138
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 02:23 Printed : 9/30/2020 07:35
Sample ID : CCV (# 149)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0553	220	5486229	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/30/20



Filename C:\data\January\A092920139.DAT
Sample name :CCB Analysed :09/30/2020 02:28

Eager 300 Report

Page: 1 Sample: CCB (A092920139)

Method Name : Lloyd Kahn
Method File : C:\data\January\092920A.mth
Chromatogram : A092920139
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 02:28 Printed : 9/30/2020 07:35
Sample ID : CCB (# 150)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092320A.mth

Sample table

Chromatogram overwrite : Enabled

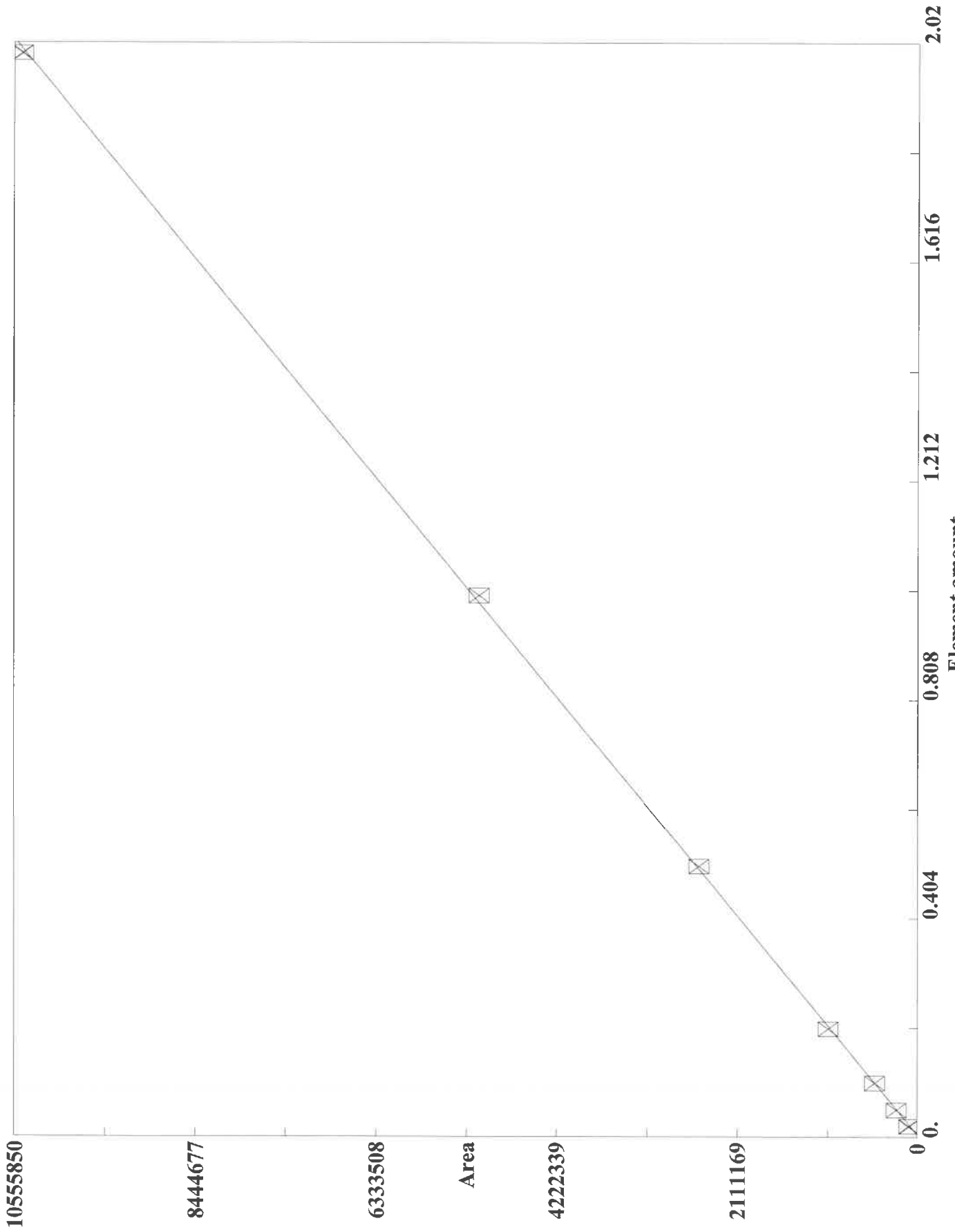
#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	CCV	A092320017	Unk	100	0
13	CCB	A092320018	Unk	20	0
14	MB	A092320019	Unk	21.1	0
15	MB	A092320020	Unk	24.4	0
16	LCS	A092320021	Unk	12.7	0
17	LCS	A092320022	Unk	9.8	0
18	180-110583-A-9	A092320023	Unk	18.2	0
19	180-110583-A-9	A092320024	Unk	18	0
20	Rinse	A092320025	Unk	1	0
21	180-110583-B-14	A092320026	Unk	10.6	0
22	180-110583-B-14	A092320027	Unk	7.4	0
23	Rinse	A092320028	Unk	1	0
24	180-110583-B-14 MS	A092320029	Unk	8.3	0
25	180-110583-B-14 MS	A092320030	Unk	6.6	0
26	Rinse	A092320031	Unk	1	0
27	180-110583-B-14 MSD	A092320032	Unk	7.7	0
28	180-110583-B-14 MSD	A092320033	Unk	7.8	0
29	Rinse	A092320034	Unk	1	0
30	180-110583-A-19	A092320035	Unk	13.1	0
31	180-110583-A-19	A092320036	Unk	16.6	0
32	Rinse	A092320037	Unk	1	0
33	CCV	A092320038	Unk	100	0
34	CCB	A092320039	Unk	20	0
35	180-110583-A-20	A092320040	Unk	11.9	0
36	180-110583-A-20	A092320041	Unk	9.1	0
37	Rinse	A092320042	Unk	1	0

Llyod Kahn %Readback Error Calculation Spreadsheet

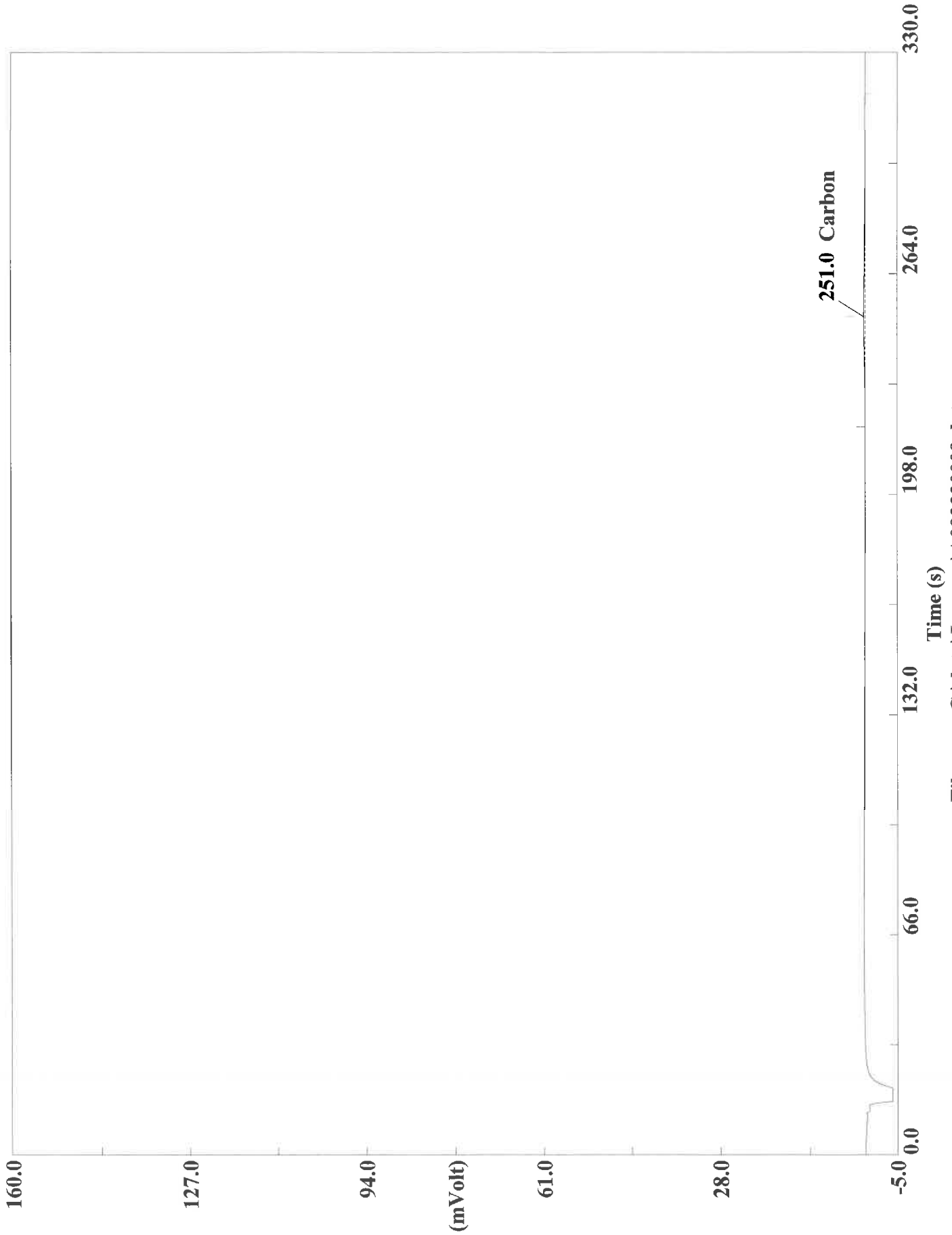
ICAL Std (ppm)	ICAL ID	Average Area	% Actual Carbon of Std.	%Readback Error	%Readback Criteria
1000	092320LK_ICAL	99423	0.0073	27.364	≤50%
2500	092320LK_ICAL	247009	0.0856	14.411	≤30%
5000	092320LK_ICAL	499611	0.0912	8.825	≤30%
10000	092320LK_ICAL	1048607	0.0982	1.838	≤30%
25000	092320LK_ICAL	2561375	0.9721	2.787	≤30%
50000	092320LK_ICAL	5128187	0.9777	2.231	≤30%
100000	092320LK_ICAL	10456420	0.9991	0.090	≤30%

Kb Value	Ke Value	Volume Cal Standard Injected	True Value Carbon Std in %
		200	0.01
		50	0.10
		100	0.10
		200	0.10
		50	1.00
		100	1.00
		200	1.00

Eager300 Calibration curve



NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320009.dat
Sample name : 1,000 KHP CT#3785365 Analysed : 09/23/2020 14:23

Eager 300 Report

Page: 1 Sample: 1,000 KHP CT#3785365 (A092320009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:23 Printed : 9/23/2020 14:29
Sample ID : 1,000 KHP CT#3785365 (# 4)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0100	251	99423	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320010.dat
Sample name :2,500 KHP CT#3785364 Analysed :09/23/2020 14:29

Eager 300 Report

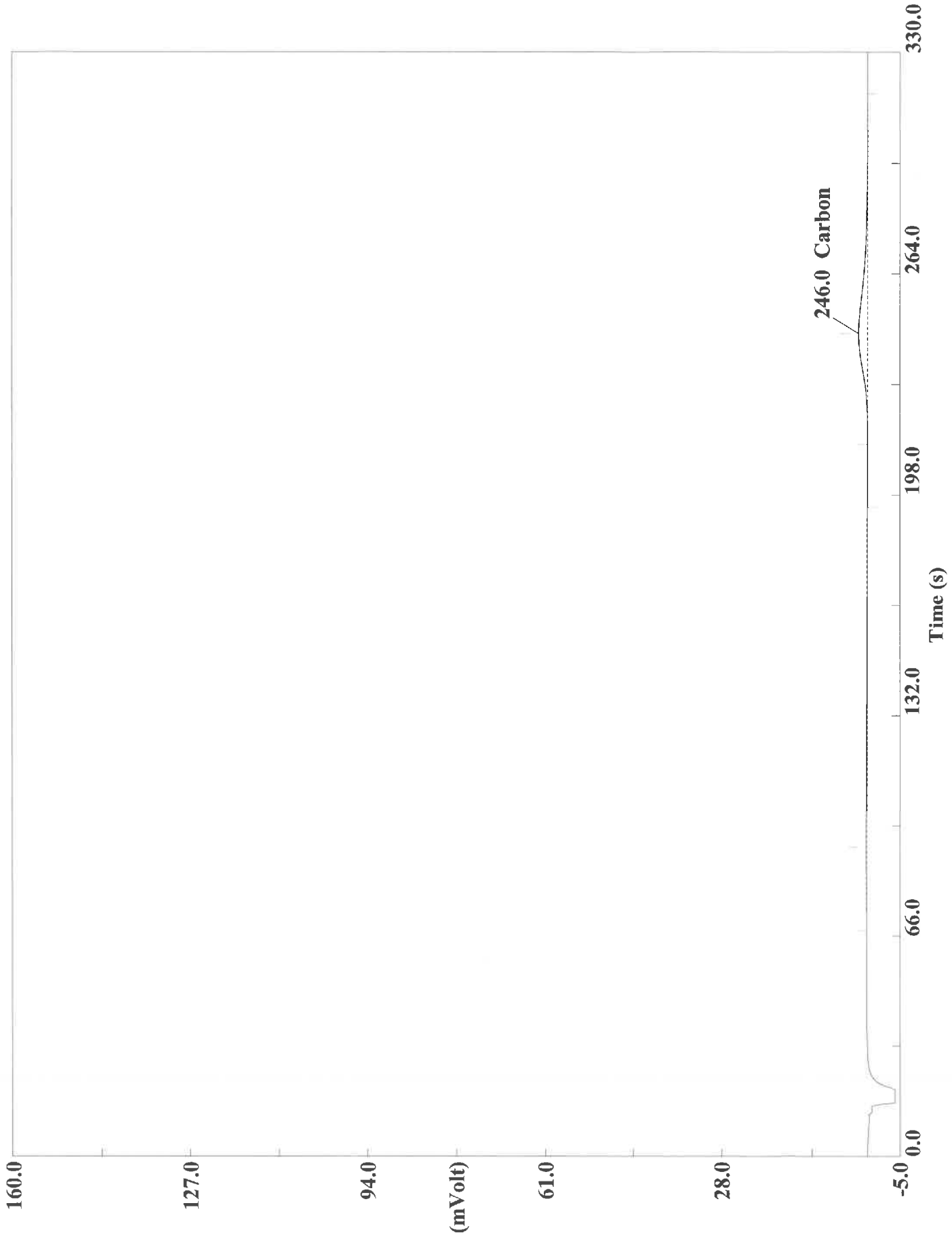
Page: 1 Sample: 2,500 KHP CT#3785364 (A092320010)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320010
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:29 Printed : 9/23/2020 14:34
Sample ID : 2,500 KHP CT#3785364 (# 5)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	248	247009	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320011.dat
Sample name :5,000 KHP CT#3785364 Analysed :09/23/2020 14:34

Eager 300 Report

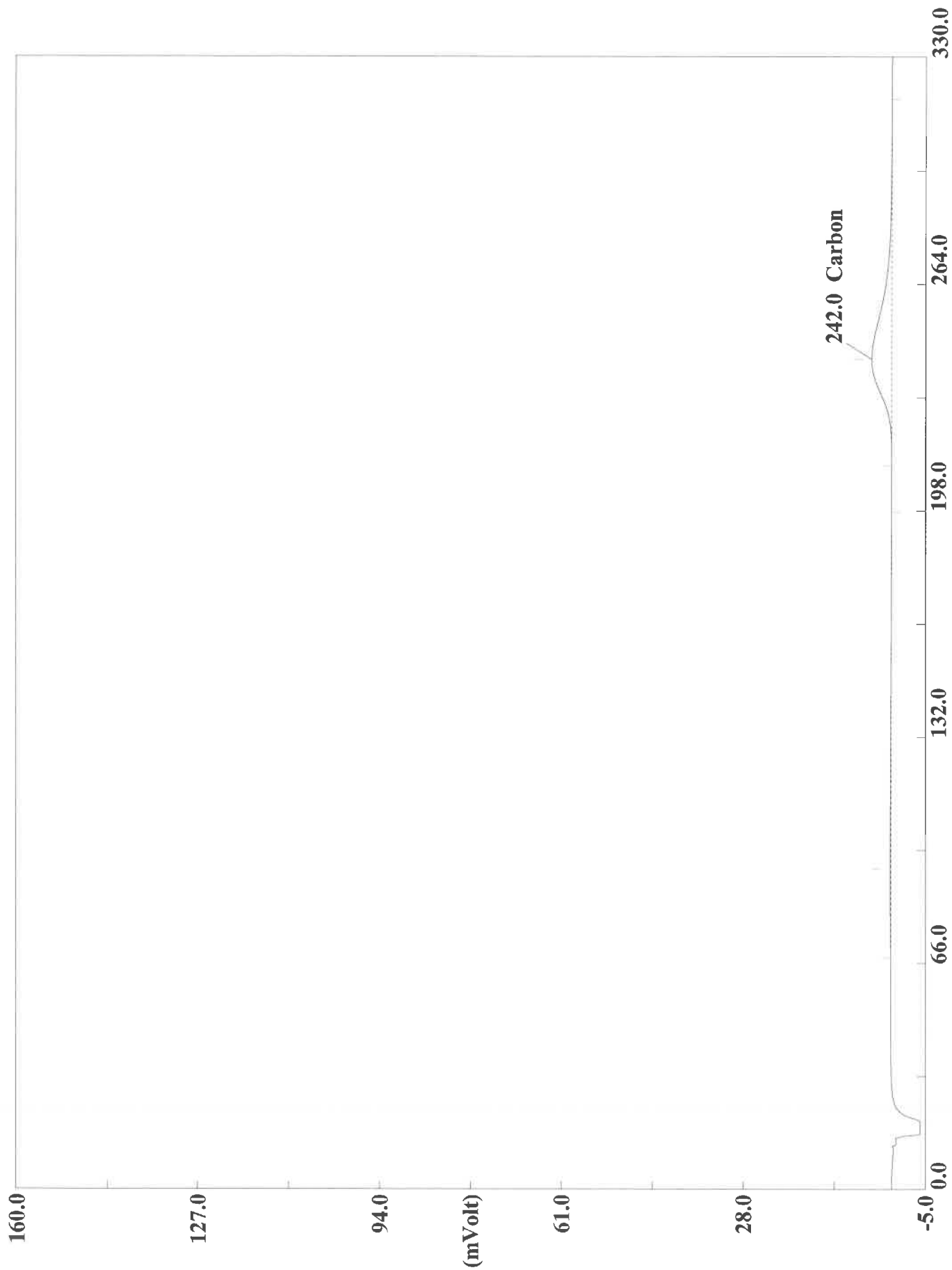
Page: 1 Sample: 5,000 KHP CT#3785364 (A092320011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:34 Printed : 9/23/2020 14:40
Sample ID : 5,000 KHP CT#3785364 (# 6)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	246	499611	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Time (s)

Filename C:\data\January\A092320012.dat

Sample name : 10,000 KHP CT#3785364 Analysed : 09/23/2020 14:40

Eager 300 Report

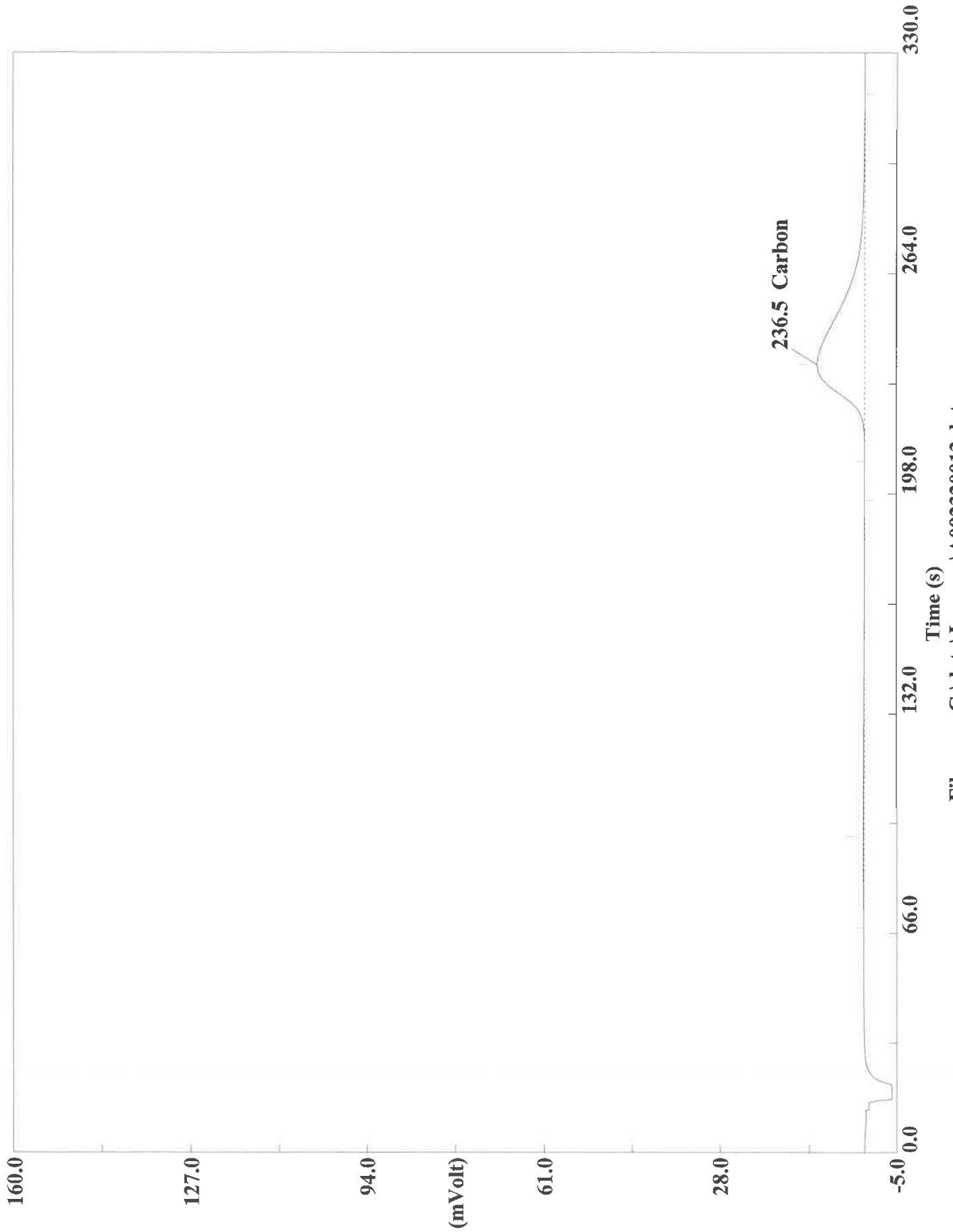
Page: 1 Sample: 10,000 KHP CT#3785364 (A092320012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:40 Printed : 9/23/2020 14:46
Sample ID : 10,000 KHP CT#3785364 (# 7)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	242	1048607	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320013.dat
Sample name :25,000 KHP CT#3785363 Analysed :09/23/2020 14:46

Eager 300 Report

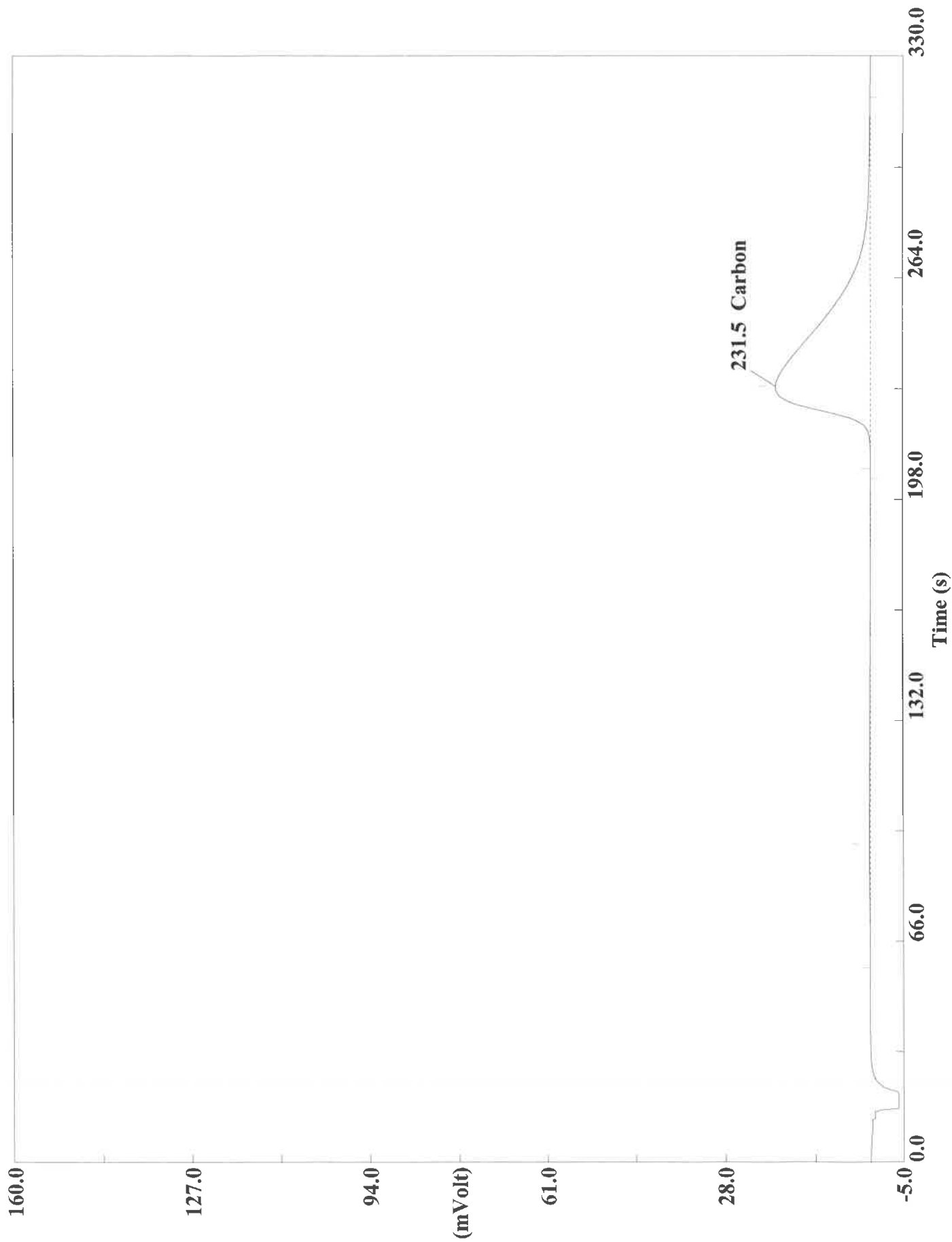
Page: 1 Sample: 25,000 KHP CT#3785363 (A092320013)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320013
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:46 Printed : 9/23/2020 14:51
Sample ID : 25,000 KHP CT#3785363 (# 8)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	237	2561375	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320014.dat
Sample name :50,000 KHP CT#3785363 Analysed :09/23/2020 14:51

Eager 300 Report

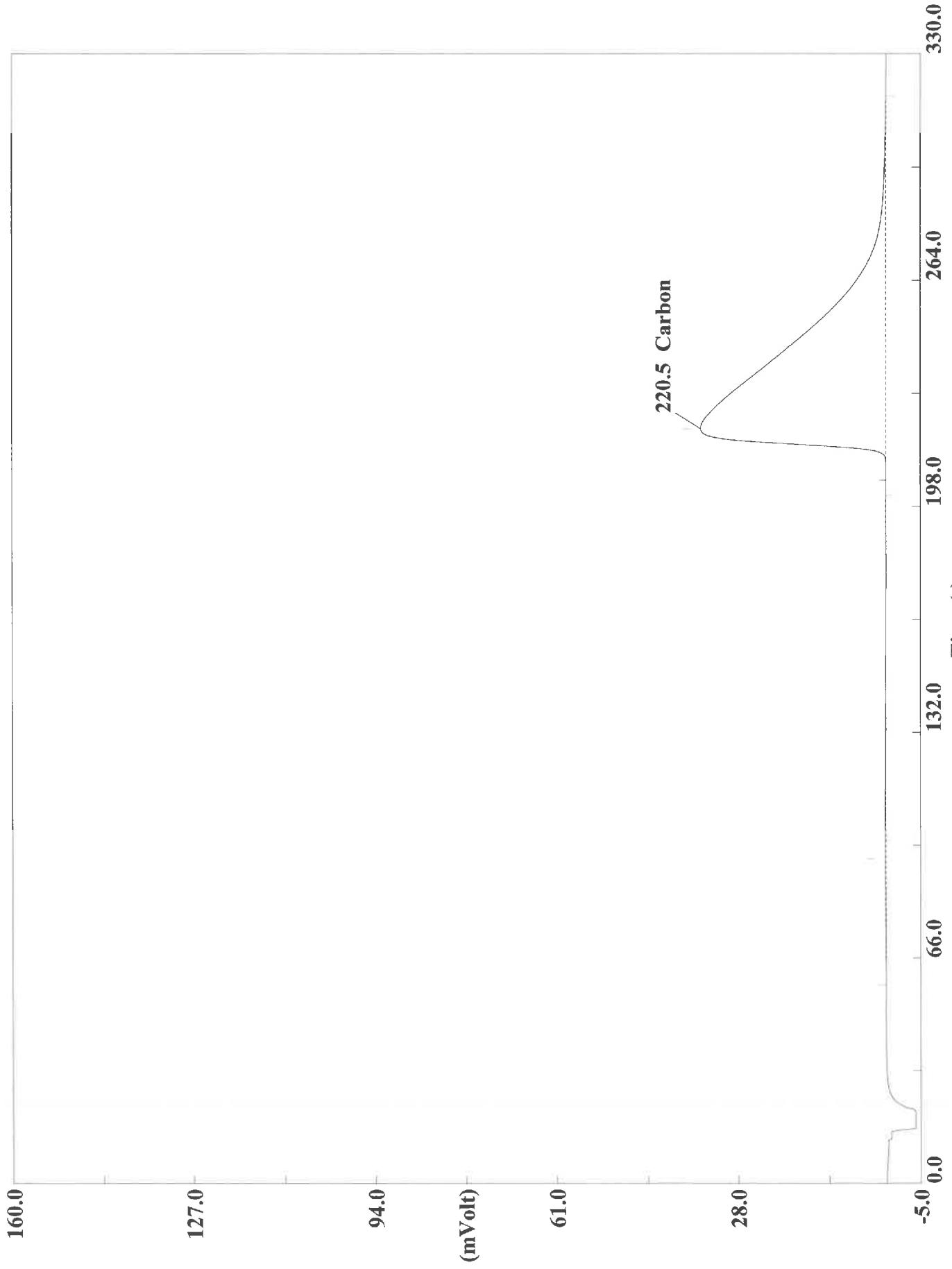
Page: 1 Sample: 50,000 KHP CT#3785363 (A092320014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:51 Printed : 9/23/2020 14:57
Sample ID : 50,000 KHP CT#3785363 (# 9)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	232	5128187	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320015.dat
Sample name : 100,000 KHP CT#3785363 Analysed : 09/23/2020 14:57

Eager 300 Report

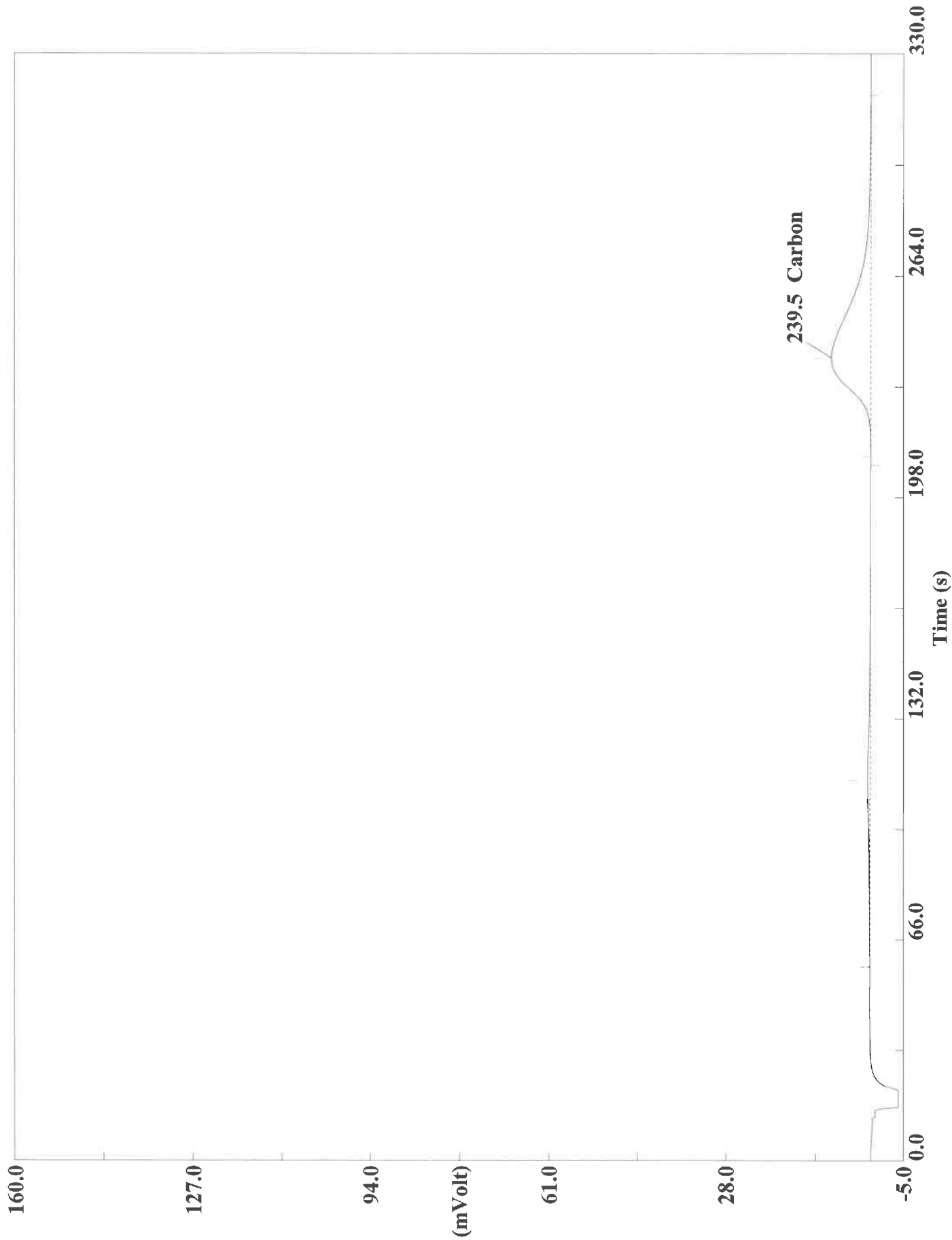
Page: 1 Sample: 100,000 KHP CT#3785363 (A092320015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:57 Printed : 9/23/2020 15:03
Sample ID : 100,000 KHP CT#3785363 (# 10)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	221	10456420	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320016.dat
Sample name :ICV 37,810 KHP CT#3742673 Analysed :09/23/2020 15:03

Eager 300 Report

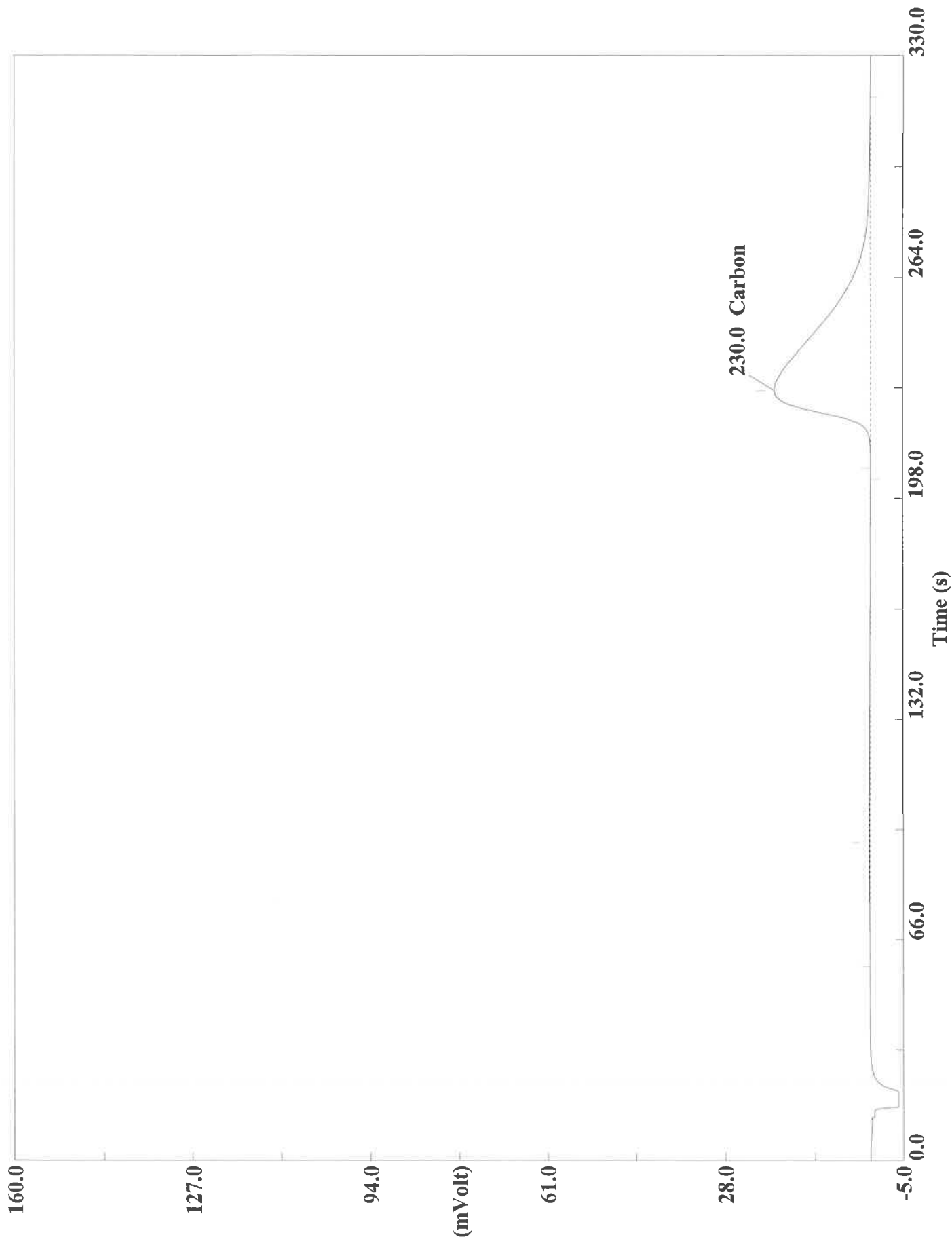
Page: 1 Sample: ICV 37,810 KHP CT#3742673 (A092320016)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320016
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:03 Printed : 9/23/2020 15:08
Sample ID : ICV 37,810 KHP CT#3742673 (# 11)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4865	240	2087987	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320017.dat
Sample name :CCV Analysed :09/23/2020 15:08

Eager 300 Report

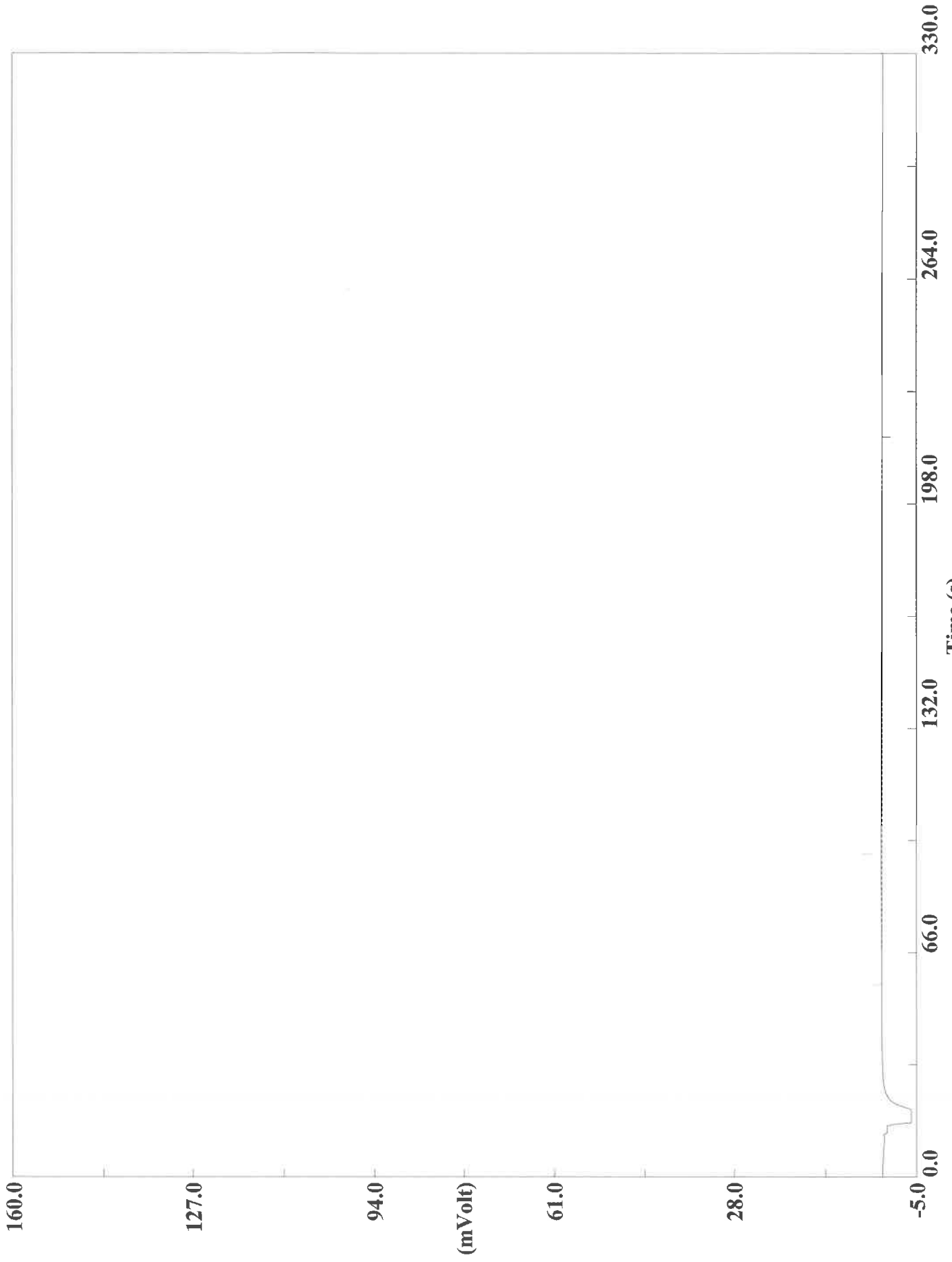
Page: 1 Sample: CCV (A092320017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:08 Printed : 9/23/2020 15:14
Sample ID : CCV (# 12)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9923	230	5157272	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320018.dat
Sample name :CCB Analysed :09/23/2020 15:14

Eager 300 Report

Page: 1 Sample: CCB (A092320018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:14 Printed : 9/23/2020 15:20
Sample ID : CCB (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\093020A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 9/30/20 BATCH 331942

#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A093020001	Unk	1	0
13	CCV	A093020002	Unk	100	0
14	CCB	A093020003	Unk	20	0
15	MB	A093020004	Unk	25.2	0
16	MB	A093020005	Unk	21.1	0
17	LCS	A093020006	Unk	11.5	0
18	LCS	A093020007	Unk	9.9	0
19	180-111187-A-10 ✓	A093020008	Unk	21.2	0
20	180-111187-A-10	A093020009	Unk	23.2	0
21	Rinse	A093020010	Unk	1	0
22	180-111187-A-20	A093020011	Unk	23.9	0
23	180-111187-A-20	A093020012	Unk	21	0
24	Rinse	A093020013	Unk	1	0
25	180-111187-A-20 MS	A093020014	Unk	21.2	0
26	180-111187-A-20 MS	A093020015	Unk	21.6	0
27	Rinse	A093020016	Unk	1	0
28	180-111187-A-20 MSD	A093020017	Unk	21.2	0
29	180-111187-A-20 MSD	A093020018	Unk	22.3	0
30	Rinse	A093020019	Unk	1	0
31	180-111287-A-25	A093020020	Unk	20.4	0
32	180-111287-A-25	A093020021	Unk	22.6	0
33	Rinse	A093020022	Unk	1	0
34	CCV	A093020023	Unk	100	0
35	CCB	A093020024	Unk	20	0
36	180-111287-A-26	A093020025	Unk	19.3	0
37	180-111287-A-26	A093020026	Unk	24.8	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A093020027	Unk	1	0
39	180-111287-A-27	A093020028	Unk	18.2	0
40	180-111287-A-27	A093020029	Unk	20.4	0
41	Rinse	A093020030	Unk	1	0
42	180-111287-A-28	A093020031	Unk	23.6	0
43	180-111287-A-28	A093020032	Unk	22.4	0
44	Rinse	A093020033	Unk	1	0
45	180-111287-A-29	A093020034	Unk	25.9	0
46	180-111287-A-29	A093020035	Unk	26.6	0
47	Rinse	A093020036	Unk	1	0
48	180-111287-A-30	A093020037	Unk	22.4	0
49	180-111287-A-30	A093020038	Unk	22.2	0
50	Rinse	A093020039	Unk	1	0
51	180-111287-A-31	A093020040	Unk	20.6	0
52	180-111287-A-31	A093020041	Unk	19.4	0
53	Rinse	A093020042	Unk	1	0
54	CCV	A093020043	Unk	100	0
55	CCB	A093020044	Unk	20	0
56	180-111287-A-32	A093020045	Unk	26.4	0
57	180-111287-A-32	A093020046	Unk	21	0
58	Rinse	A093020047	Unk	1	0
59	180-111287-A-33	A093020048	Unk	20.9	0
60	180-111287-A-33	A093020049	Unk	18.5	0
61	Rinse	A093020050	Unk	1	0
62	180-111287-A-37	A093020051	Unk	18.9	0
63	180-111287-A-37	A093020052	Unk	19.3	0
64	Rinse	A093020053	Unk	1	0
65	180-111287-A-38	A093020054	Unk	22.7	0
66	180-111287-A-38	A093020055	Unk	23.9	0
67	Rinse	A093020056	Unk	1	0
68	180-111287-A-38 MS	A093020057	Unk	17.4	0
69	180-111287-A-38 MS	A093020058	Unk	20.3	0
70	Rinse	A093020059	Unk	1	0
71	180-111287-A-38 MSD	A093020060	Unk	23	0
72	180-111287-A-38 MSD	A093020061	Unk	23.6	0
73	Rinse	A093020062	Unk	1	0
74	CCV	A093020063	Unk	100	0
75	CCB	A093020064	Unk	20	0
76	180-111287-A-40	A093020065	Unk	23.4	0
77	180-111287-A-40	A093020066	Unk	20	0
78	Rinse	A093020067	Unk	1	0
79	180-111287-A-41	A093020068	Unk	19.9	0
80	180-111287-A-41	A093020069	Unk	22.5	0
81	Rinse	A093020070	Unk	1	0
82	180-111287-A-42	A093020071	Unk	19.5	0
83	180-111287-A-42	A093020072	Unk	21.9	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A093020073	Unk	1	0
85	180-111287-A-43	A093020074	Unk	19.6	0
86	180-111287-A-43	A093020075	Unk	22.2	0
87	Rinse	A093020076	Unk	1	0
88	180-111287-A-44	A093020077	Unk	23.5	0
89	180-111287-A-44	A093020078	Unk	19.7	0
90	Rinse	A093020079	Unk	1	0
91	180-111287-A-45	A093020080	Unk	21.2	0
92	180-111287-A-45	A093020081	Unk	23	0
93	Rinse	A093020082	Unk	1	0
94	CCV	A093020083	Unk	100	0
95	CCB	A093020084	Unk	20	0
96	MB	A093020085	Unk	21.8	0
97	MB	A093020086	Unk	25.3	0
98	LCS	A093020087	Unk	9.6	0
99	LCS	A093020088	Unk	10.6	0
100	180-111287-A-39	A093020089	Unk	24.4	0
101	180-111287-A-39	A093020090	Unk	20.6	0
102	Rinse	A093020091	Unk	1	0
103	180-111287-A-39 MS	A093020092	Unk	21.9	0
104	180-111287-A-39 MS	A093020093	Unk	23.6	0
105	Rinse	A093020094	Unk	1	0
106	180-111287-A-39 MSD	A093020095	Unk	24.6	0
107	180-111287-A-39 MSD	A093020096	Unk	21.7	0
108	Rinse	A093020097	Unk	1	0
109	180-111287-A-46	A093020098	Unk	19.8	0
110	180-111287-A-46	A093020099	Unk	18	0
111	Rinse	A093020100	Unk	1	0
112	180-111287-A-47	A093020101	Unk	17.7	0
113	180-111287-A-47	A093020102	Unk	25.7	0
114	Rinse	A093020103	Unk	1	0
115	CCV	A093020104	Unk	100	0
116	CCB	A093020105	Unk	20	0
117	180-111287-A-48	A093020106	Unk	18.1	0
118	180-111287-A-48	A093020107	Unk	24.1	0
119	Rinse	A093020108	Unk	1	0
120	180-111287-A-49	A093020109	Unk	18.6	0
121	180-111287-A-49	A093020110	Unk	22	0
122	Rinse	A093020111	Unk	1	0
123	180-111287-A-50	A093020112	Unk	19.4	0
124	180-111287-A-50	A093020113	Unk	20.9	0
125	Rinse	A093020114	Unk	1	0
126	180-111287-A-51	A093020115	Unk	24.8	0
127	180-111287-A-51	A093020116	Unk	27.3	0
128	Rinse	A093020117	Unk	1	0
129	180-111287-A-53	A093020118	Unk	21.8	0

#	Sample name	Filename	Type	Weight	Hum. %
130	180-111287-A-53	A093020119	Unk	18	0
131	Rinse	A093020120	Unk	1	0
132	180-111287-A-54	A093020121	Unk	24.7	0
133	180-111287-A-54	A093020122	Unk	22.4	0
134	Rinse	A093020123	Unk	1	0
135	CCV	A093020124	Unk	100	0
136	CCB	A093020125	Unk	20	0
137	180-111287-A-55	A093020126	Unk	23.6	0
138	180-111287-A-55	A093020127	Unk	20.4	0
139	Rinse	A093020128	Unk	1	0
140	180-111287-A-56	A093020129	Unk	17.7	0
141	180-111287-A-56	A093020130	Unk	19.3	0
142	Rinse	A093020131	Unk	1	0
143	180-111287-A-57	A093020132	Unk	23.2	0
144	180-111287-A-57	A093020133	Unk	20.4	0
145	Rinse	A093020134	Unk	1	0
146	460-218641-E-2	A093020135	Unk	18.3	0
147	460-218641-E-2	A093020136	Unk	17.7	0
148	Rinse	A093020137	Unk	1	0
149	CCV	A093020138	Unk	100	0
150	CCB	A093020139	Unk	20	0

NCM

Analyst: *Don Ferguson*

Date: *9/30/20*

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	25.2	
	MB	21.1	23.15
	LCS	11.5	
	LCS	9.9	10.7
180-111187-20	111187-20	23.9	
	-20	21.0	22.45
	111187-20MS	21.2+13.0	
	-20MS	21.6+9.0	21.4 + 11.0
	111187-20MSD	21.2+9.4	
	-20MSD	22.3+10.5	21.75 + 9.95
180-111287-38	111287-38	22.7	
	-38	23.9	23.3
	111287-38MS	17.4+10.9	
	-38MS	20.3+14.0	18.85 + 12.45
	111287-38MSD	23.0+8.3	
	-38MSD	23.6+9.0	23.3 + 8.65
	MB	21.8	
	MB	25.3	23.55
	LCS	9.6	
	LCS	10.6	10.1
180-111287-39	111287-39	24.4	
	-39	20.6	22.5
	111287-39MS	21.9+9.2	
	-39MS	23.6+9.4	22.75 + 9.3
	111287-39MSD	24.6+8.8	
	-39MSD	21.7+9.0	23.15 + 8.9

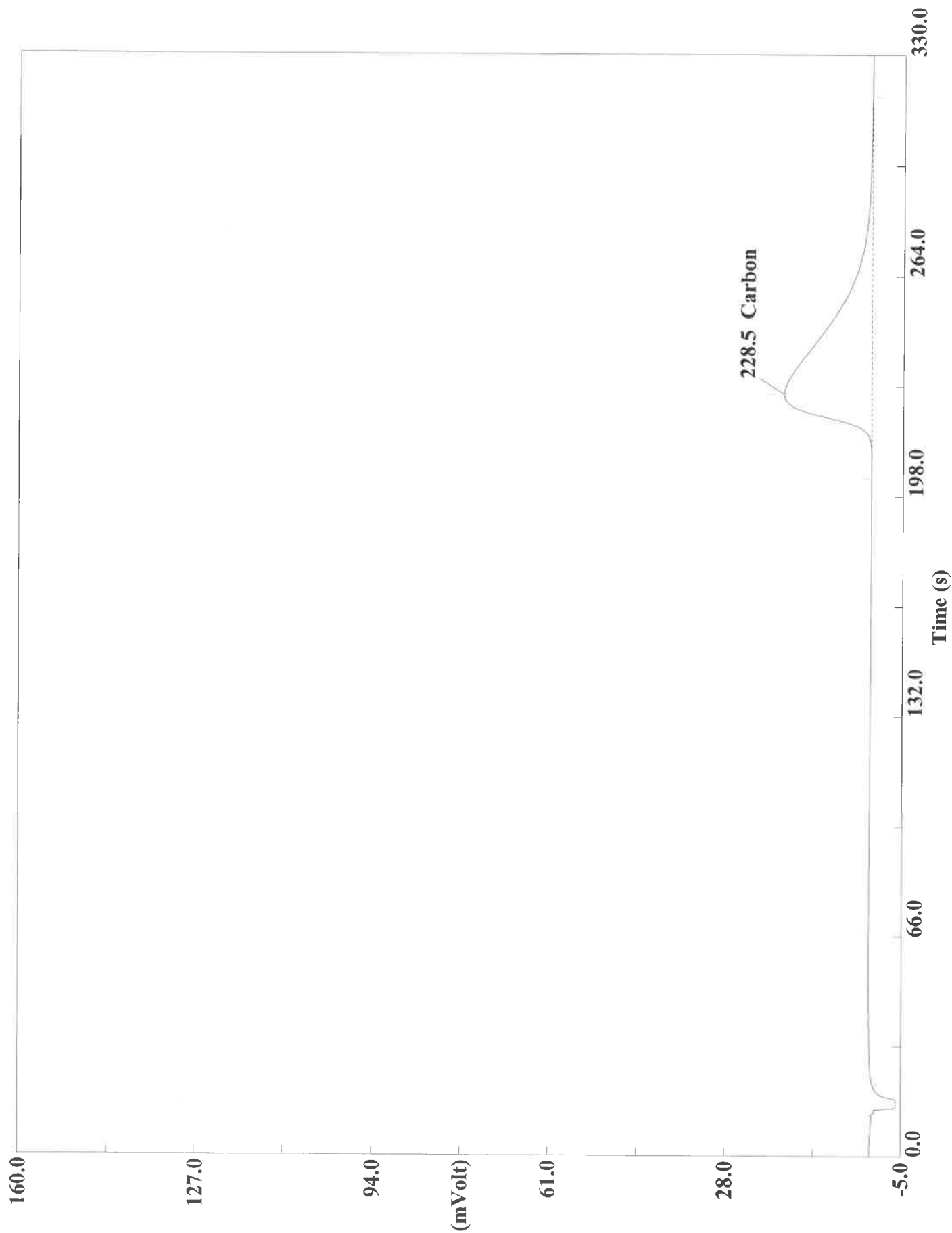
Lloyd Kahn %RPD Replicate Calculation Spreadsheet

BATCH 331942

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0		
	MB	0	0.000	#DIV/0!
	LCS	3.69741106		
	LCS	3.3061142	3.502	11.17
	180-111187-A-10	0.32850245		
	180-111187-A-10	0.35446772	0.341	7.60
	180-111187-A-20	0.25415868		
	180-111187-A-20	0.18566431	0.220	31.15
	180-111187-A-20 MS	2.21163678		
	180-111187-A-20 MS	1.41332603	1.812	44.05
	180-111187-A-20 MSD	1.45807731		
	180-111187-A-20 MSD	1.72483945	1.591	16.76
	180-111287-A-25	2.55178499		
	180-111287-A-25	2.56732368	2.560	0.61
	180-111287-A-26	2.80140376		
	180-111287-A-26	2.69851351	2.750	3.74
	180-111287-A-27	2.65684223		
	180-111287-A-27	2.75469756	2.706	3.62
	180-111287-A-28	2.87602687		
	180-111287-A-28	1.99673522	2.436	36.09
	180-111287-A-29	2.84742212		
	180-111287-A-29	2.72589254	2.787	4.36
	180-111287-A-30	2.74580884		
	180-111287-A-30	3.22614956	2.986	16.09
	180-111287-A-31	2.86204553		
	180-111287-A-31	3.61582589	3.239	23.27
	180-111287-A-32	3.19565415		
	180-111287-A-32	2.8188889	3.007	12.53
	180-111287-A-33	3.77764916		
	180-111287-A-33	3.46946168	3.624	8.51
	180-111287-A-37	1.71810198		
	180-111287-A-37	2.23418784	1.976	26.12
	180-111287-A-38	2.09014845		
	180-111287-A-38	2.12776589	2.109	1.78
	180-111287-A-38 MS	4.21480227		
	180-111287-A-38 MS	4.70587063	4.460	11.01
	180-111287-A-38 MSD	3.65939951		
	180-111287-A-38 MSD	3.60654807	3.633	1.45
	180-111287-A-40	1.69403183		
	180-111287-A-40	1.82731283	1.761	7.57
	180-111287-A-41	1.80123734		
	180-111287-A-41	2.05703402	1.929	13.26
	180-111287-A-42	2.14194822		
	180-111287-A-42	2.57137799	2.357	18.22
	180-111287-A-43	2.10616636		
	180-111287-A-43	2.38471651	2.245	12.41
	180-111287-A-44	2.2358737		
	180-111287-A-44	2.10286951	2.169	6.13
	180-111287-A-45	1.8884263		
	180-111287-A-45	2.09341979	1.991	10.30

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020002.DAT
Sample name :CCV Analysed :09/30/2020 14:09

Eager 300 Report

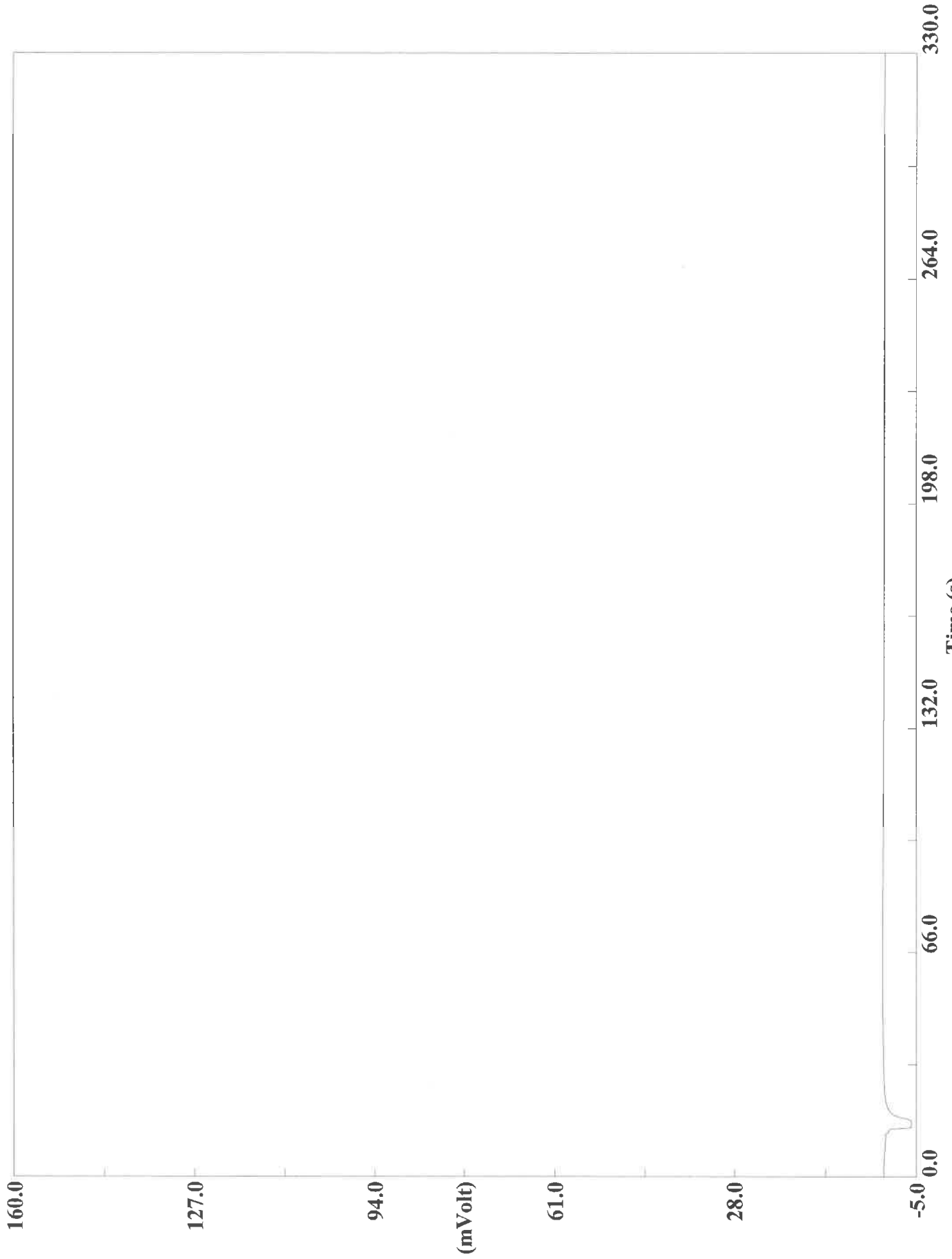
Page: 1 Sample: CCV (A093020002)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:09 Printed : 10/1/2020 06:53
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9469	229	4920464	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020003.DAT
Sample name :CCB Analysed :09/30/2020 14:15

Eager 300 Report

Page: 1 Sample: CCB (A093020003)

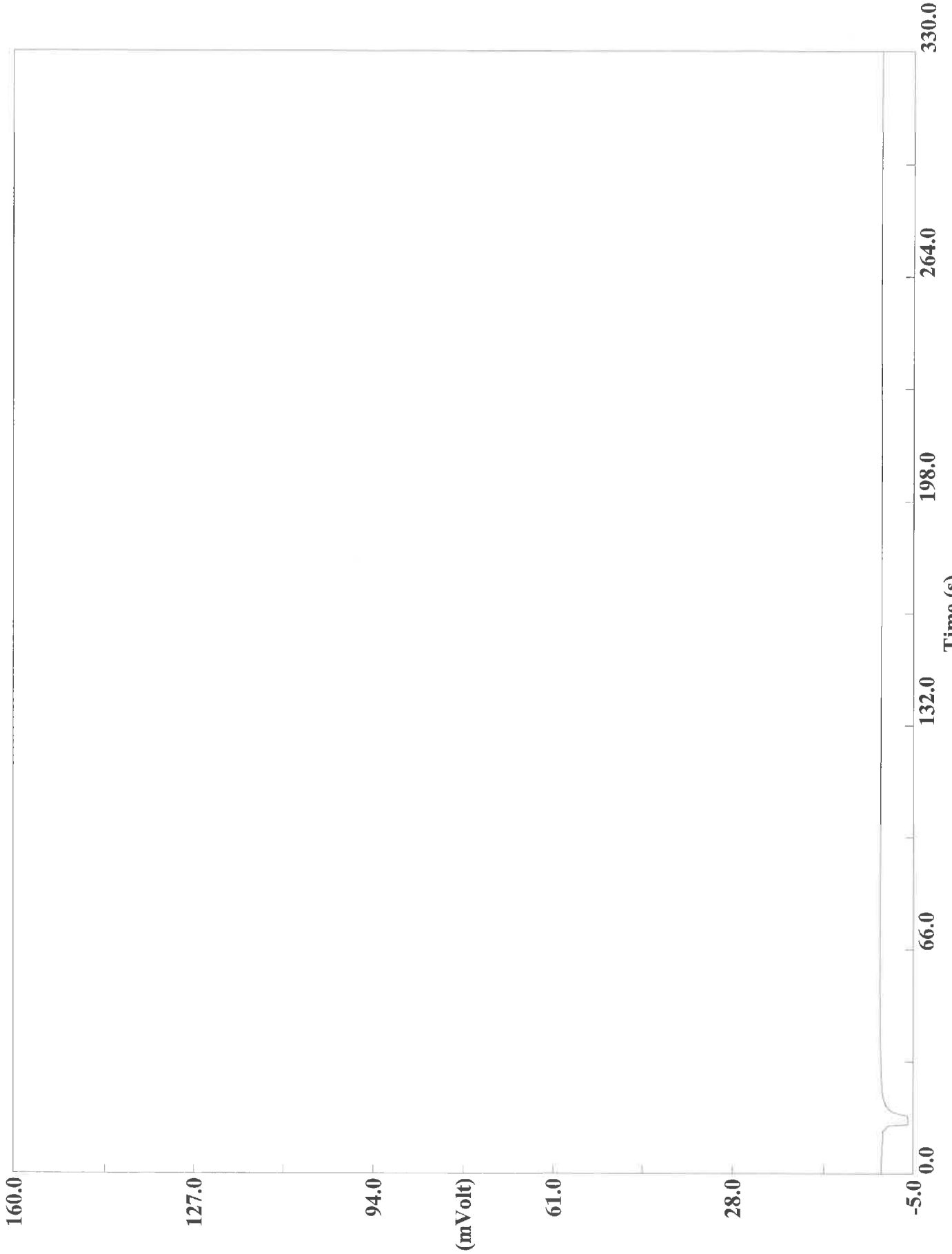
Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:15 Printed : 10/1/2020 06:53
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020004.DAT
Sample name :MB Analysed :09/30/2020 14:21

Eager 300 Report

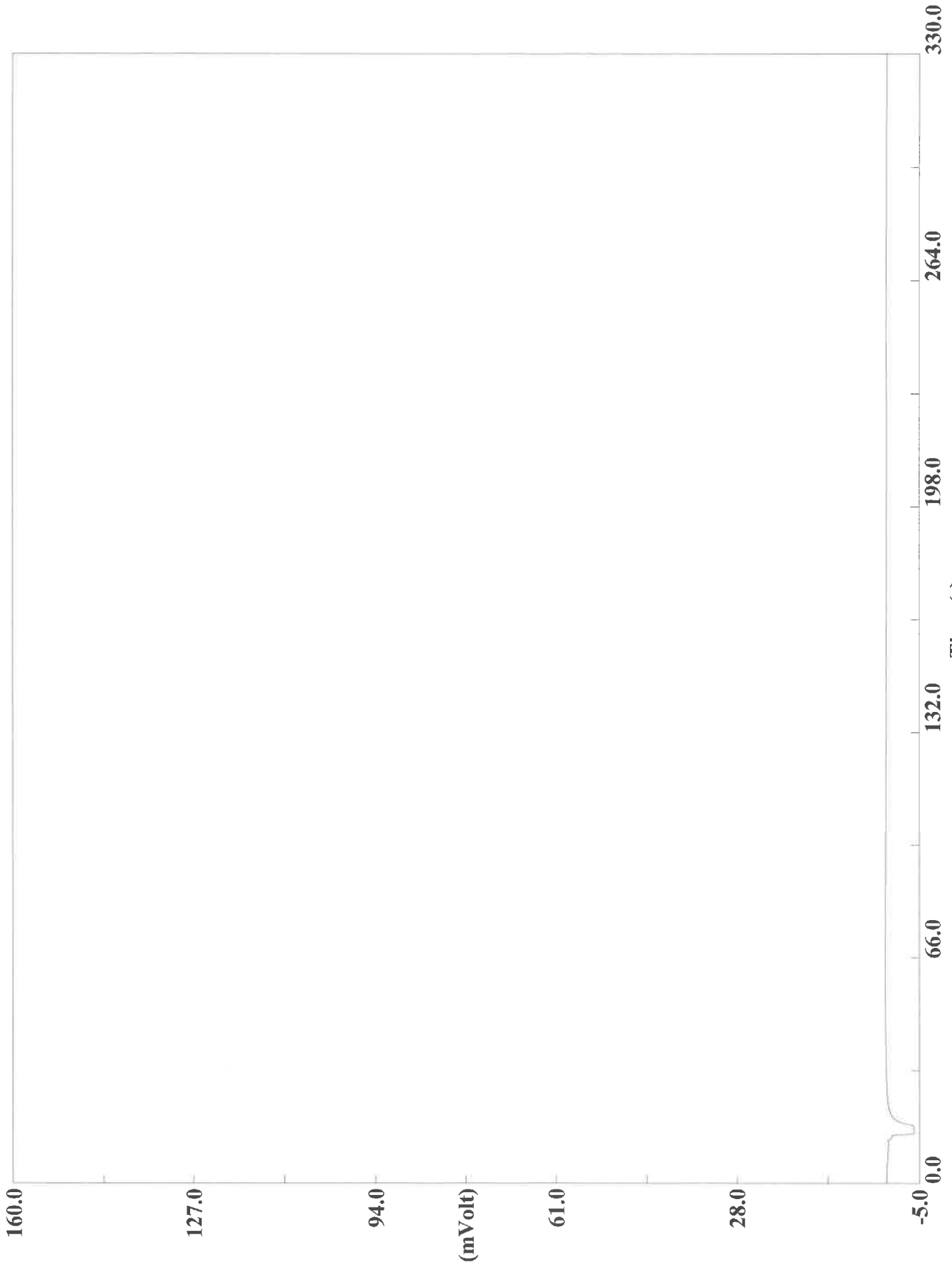
Page: 1 Sample: MB (A093020004)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:21 Printed : 10/1/2020 06:53
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020005.DAT
Sample name :MB Analysed :09/30/2020 14:26

Eager 300 Report

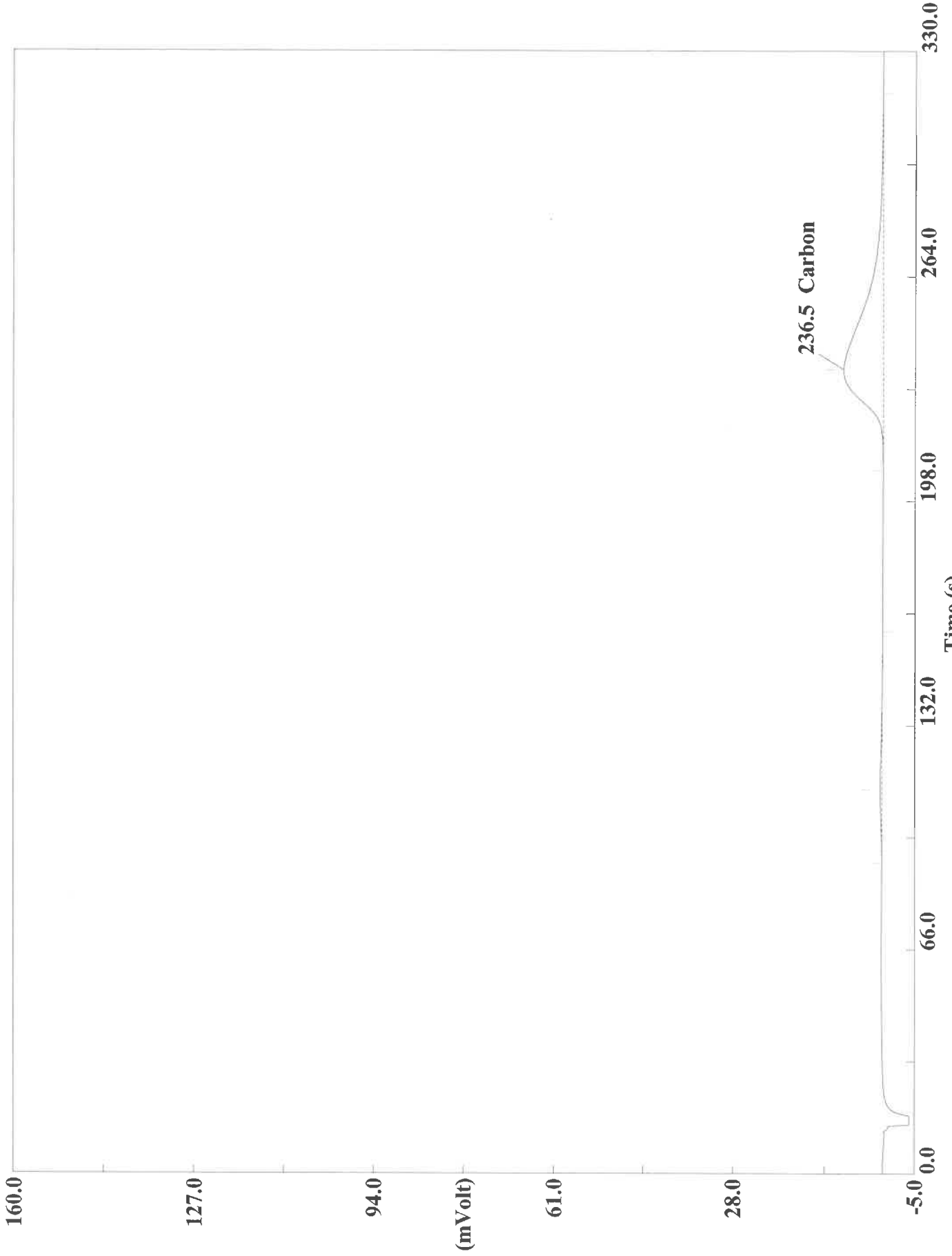
Page: 1 Sample: MB (A093020005)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:26 Printed : 10/1/2020 06:54
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020006.DAT

Sample name :LCS Analysed :09/30/2020 14:32

Eager 300 Report

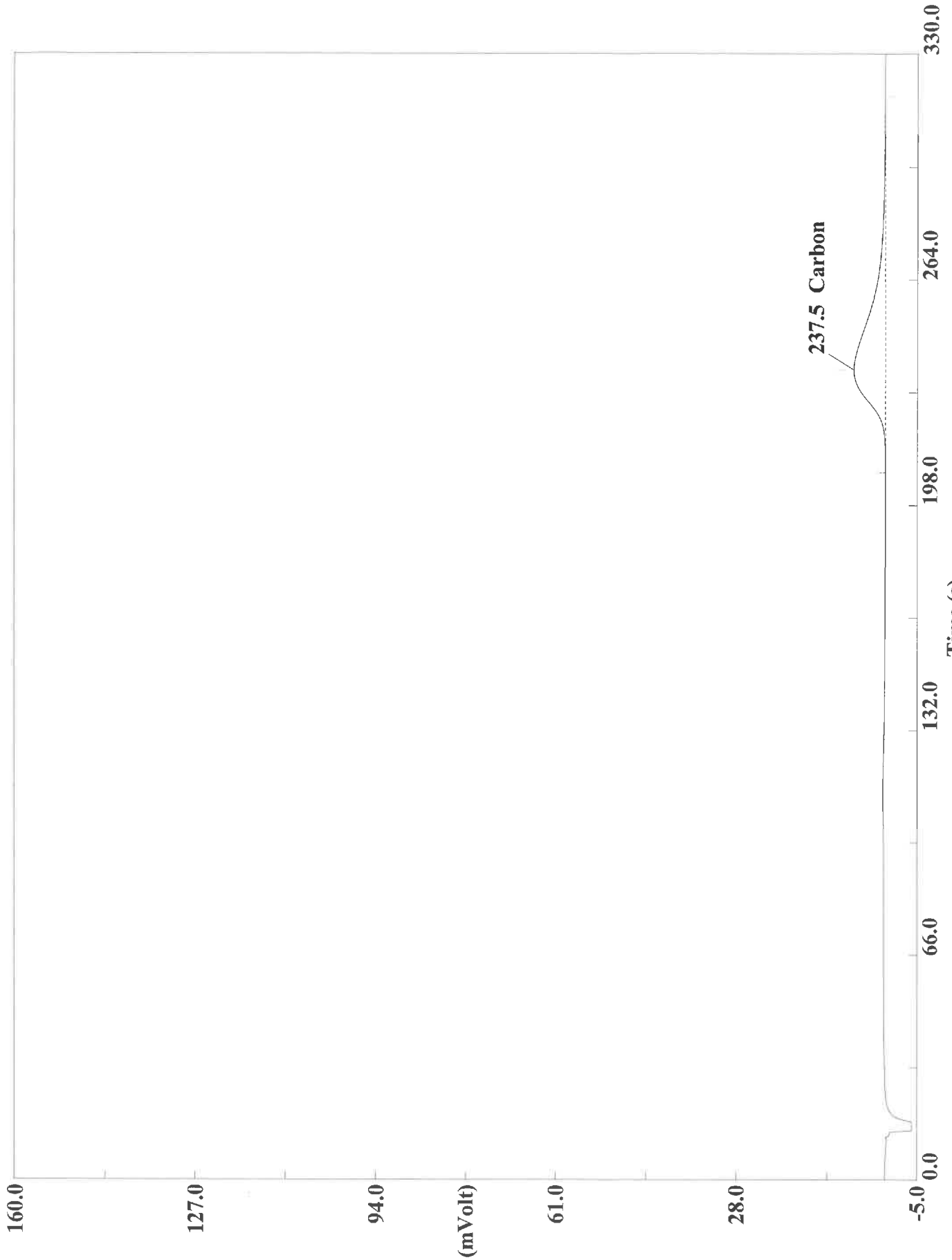
Page: 1 Sample: LCS (A093020006)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:32 Printed : 10/1/2020 06:54
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6974	237	2196449	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020007.DAT
Sample name : LCS Analysed : 09/30/2020 14:38

Eager 300 Report

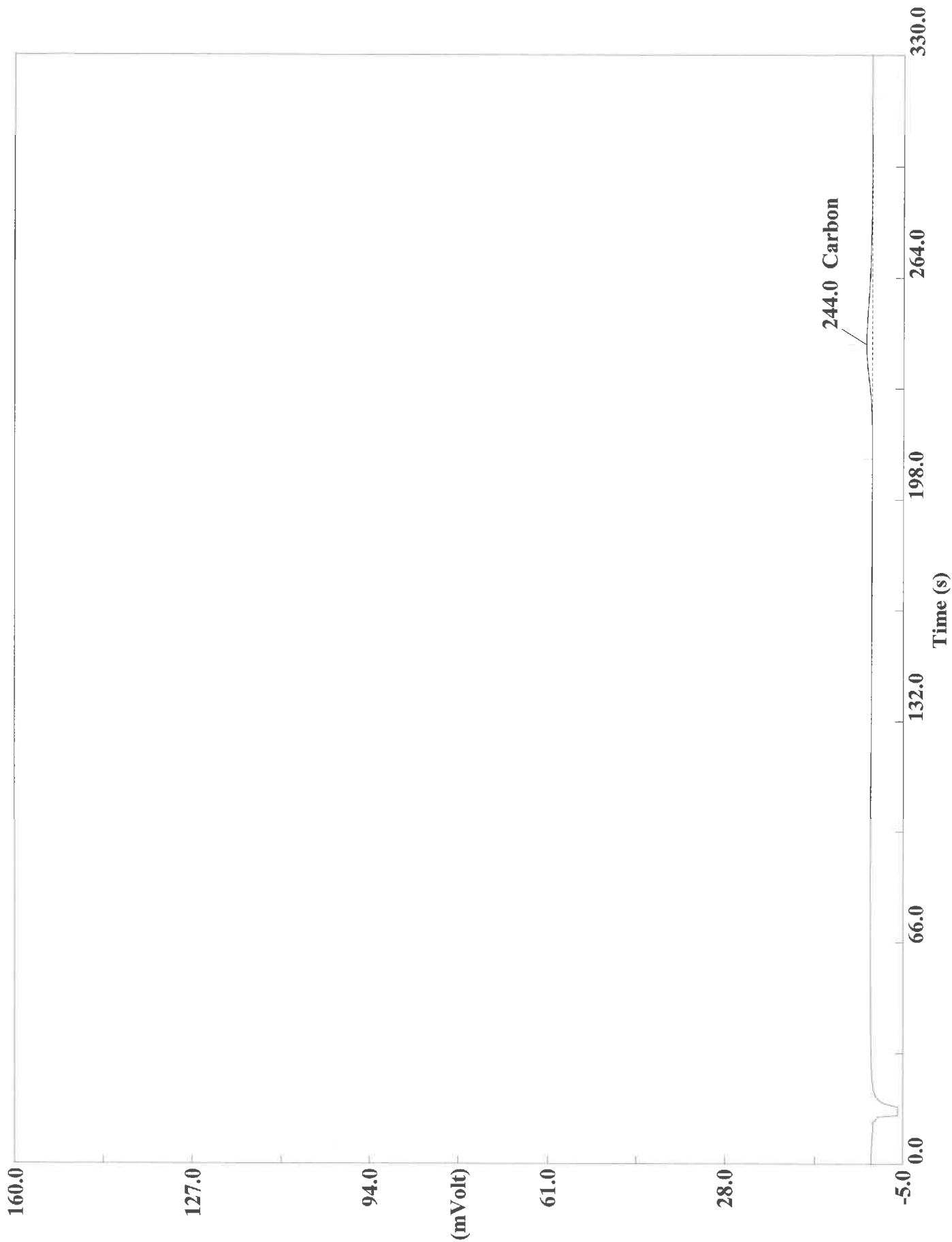
Page: 1 Sample: LCS (A093020007)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:38 Printed : 10/1/2020 06:54
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.3061	238	1685319	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020008.DAT

Sample name : 180-111187-A-10 Analysed : 09/30/2020 14:43

Eager 300 Report

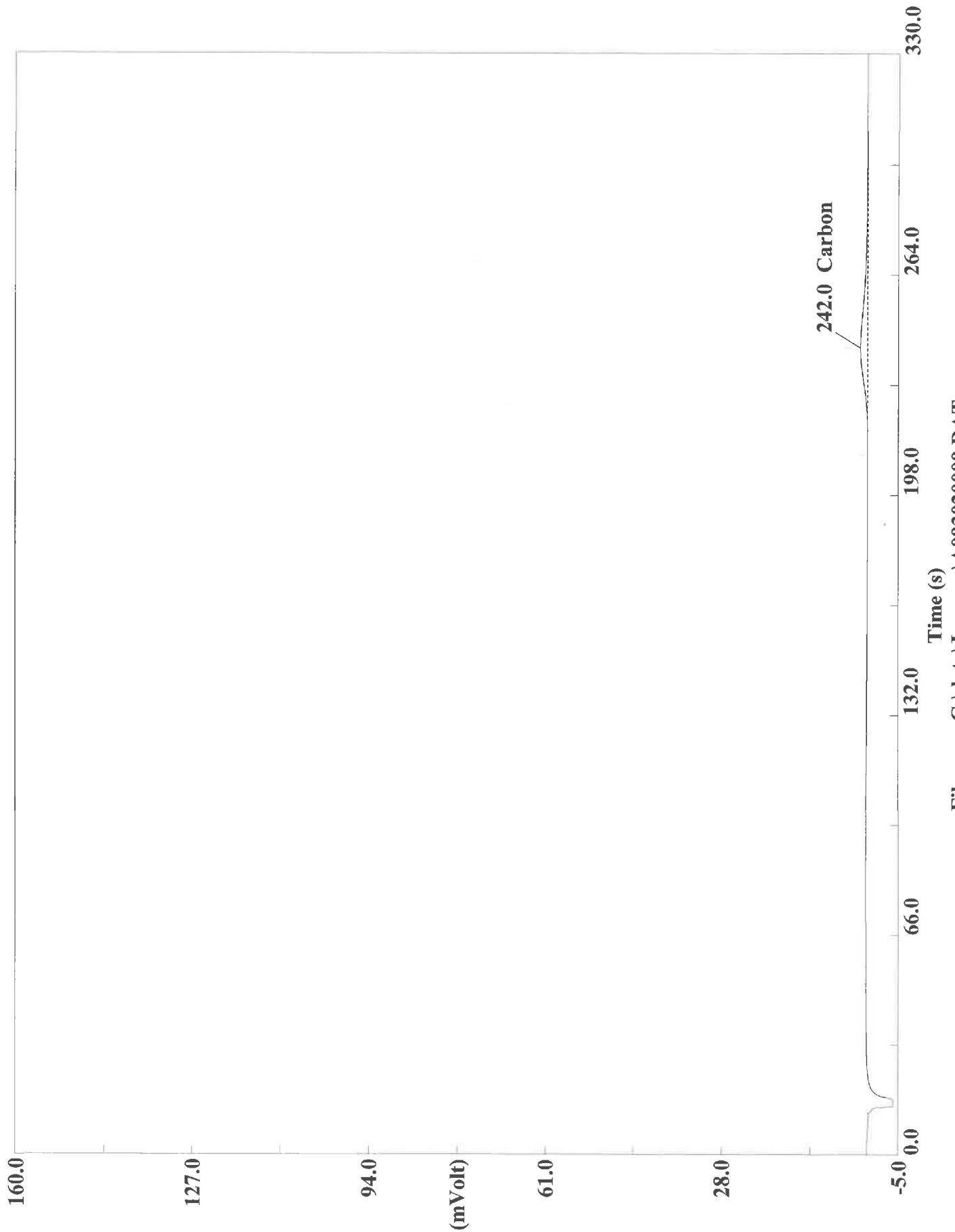
Page: 1 Sample: 180-111187-A-10 (A093020008)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:43 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-10 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3285	244	340036	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020009.DAT

Sample name : 180-111187-A-10 Analysed : 09/30/2020 14:49

Eager 300 Report

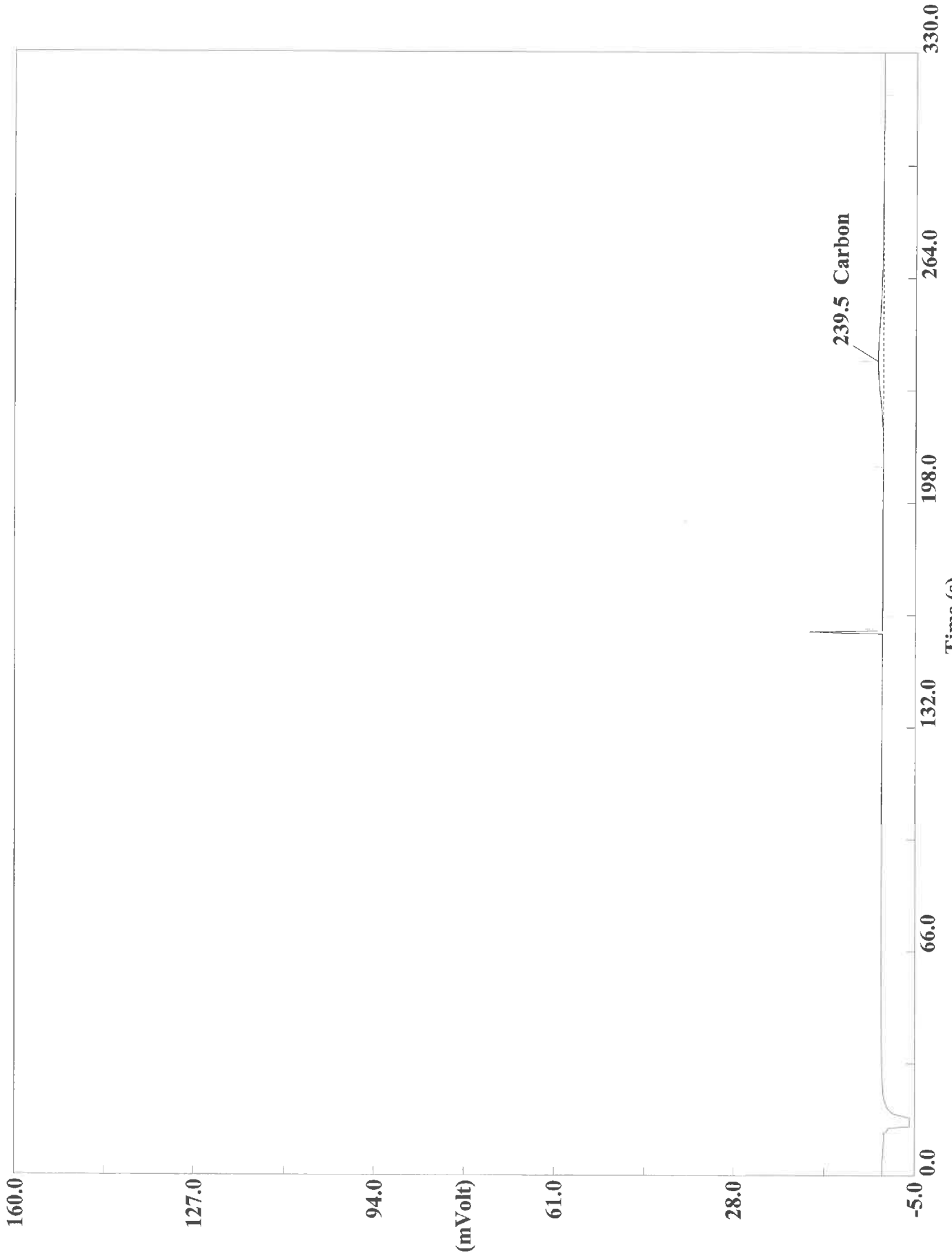
Page: 1 Sample: 180-111187-A-10 (A093020009)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 14:49 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-10 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.3545	242	405790	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020011.DAT

Sample name :180-111187-A-20 Analysed :09/30/2020 15:00

Eager 300 Report

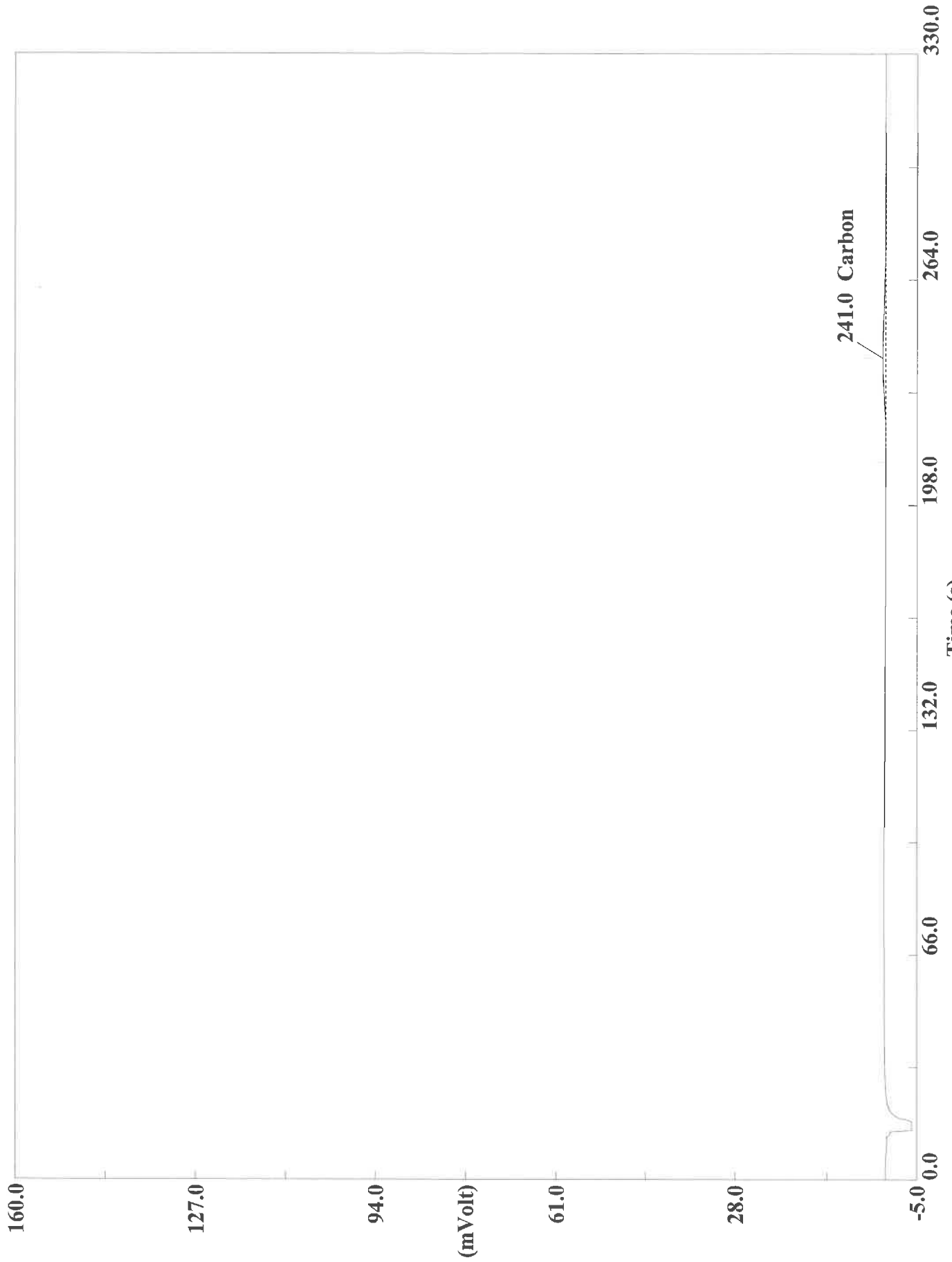
Page: 1 Sample: 180-111187-A-20 (A093020011)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:00 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2542	240	293575	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020012.DAT

Sample name :180-111187-A-20 Analysed :09/30/2020 15:05

Eager 300 Report

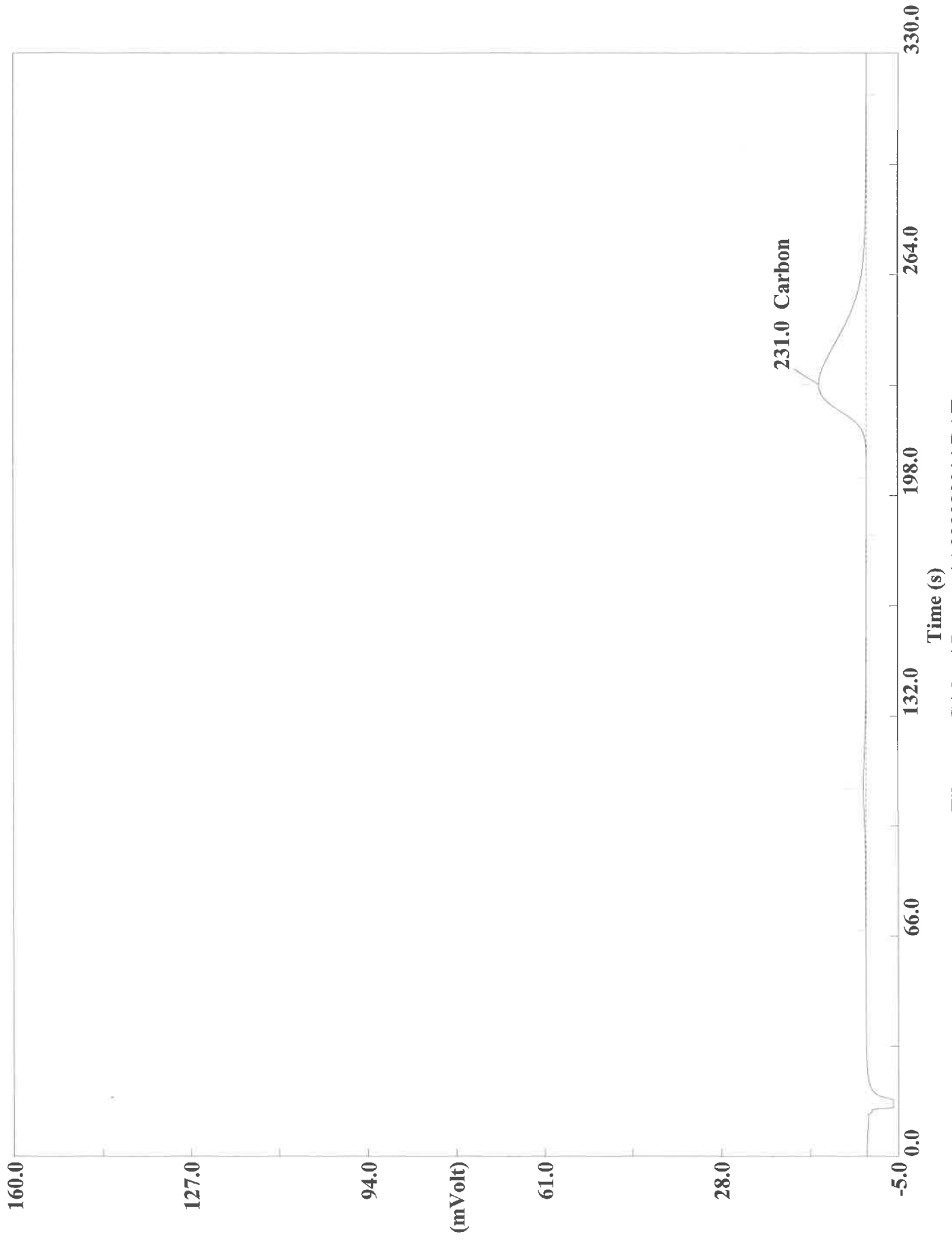
Page: 1 Sample: 180-111187-A-20 (A093020012)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:05 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1857	241	179993	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020014.DAT
Sample name : 180-111187-A-20 MS Analysed : 09/30/2020 15:17

Eager 300 Report

Page: 1 Sample: 180-111187-A-20 MS (A093020014)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:17 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 MS (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2116	231	2424427	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020015.DAT
Sample name :180-111187-A-20 MS Analysed :09/30/2020 15:22

Eager 300 Report

Page: 1 Sample: 180-111187-A-20 MS (A093020015)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:22 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 MS (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4133	236	1570315	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020017.DAT
Sample name :180-11187-A-20 MSD Analysed :09/30/2020 15:33

Eager 300 Report

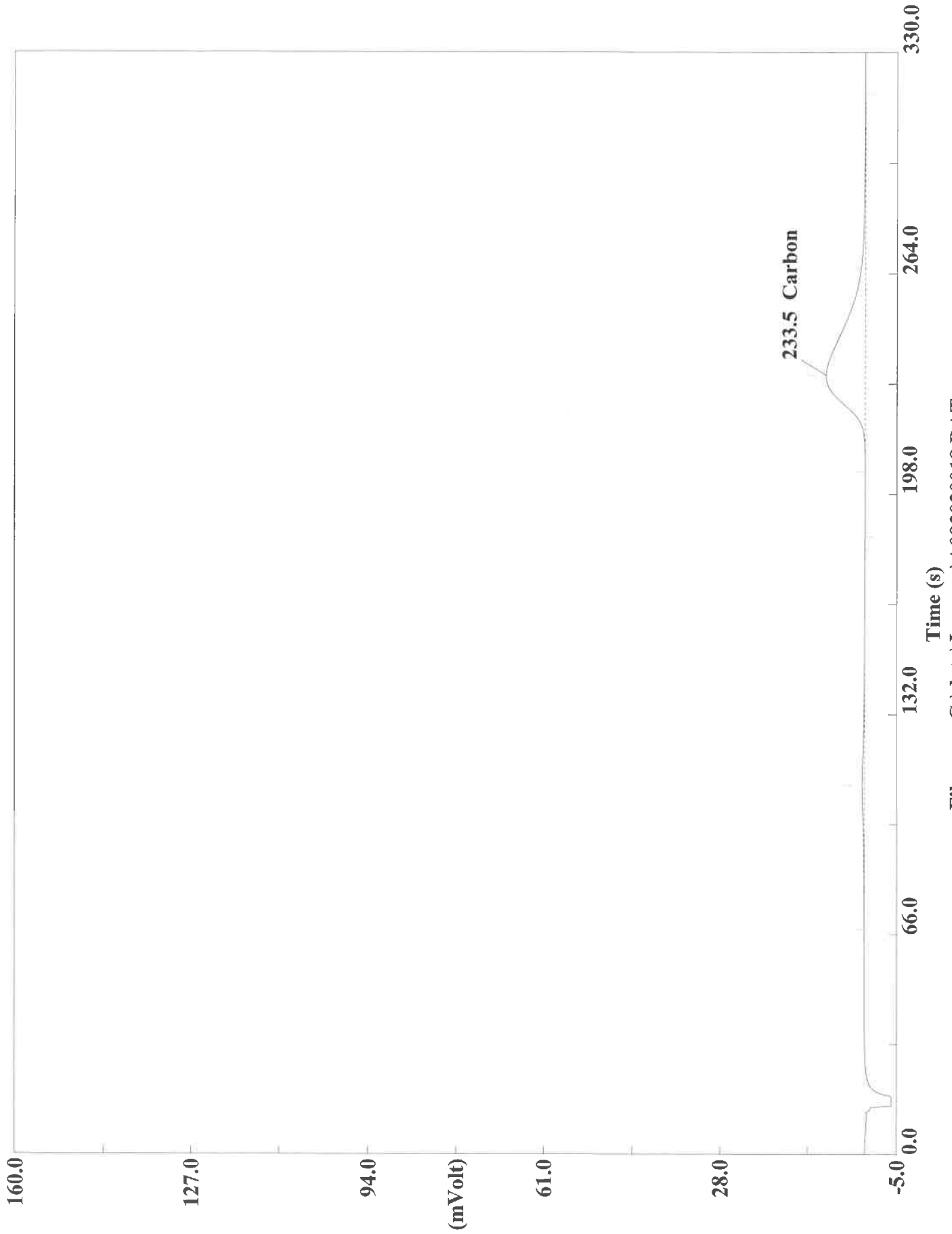
Page: 1 Sample: 180-111187-A-20 MSD (A093020017)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:33 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 MSD (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4581	233	1590332	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020018.DAT
Sample name :180-111187-A-20 MSD Analysed :09/30/2020 15:39

Eager 300 Report

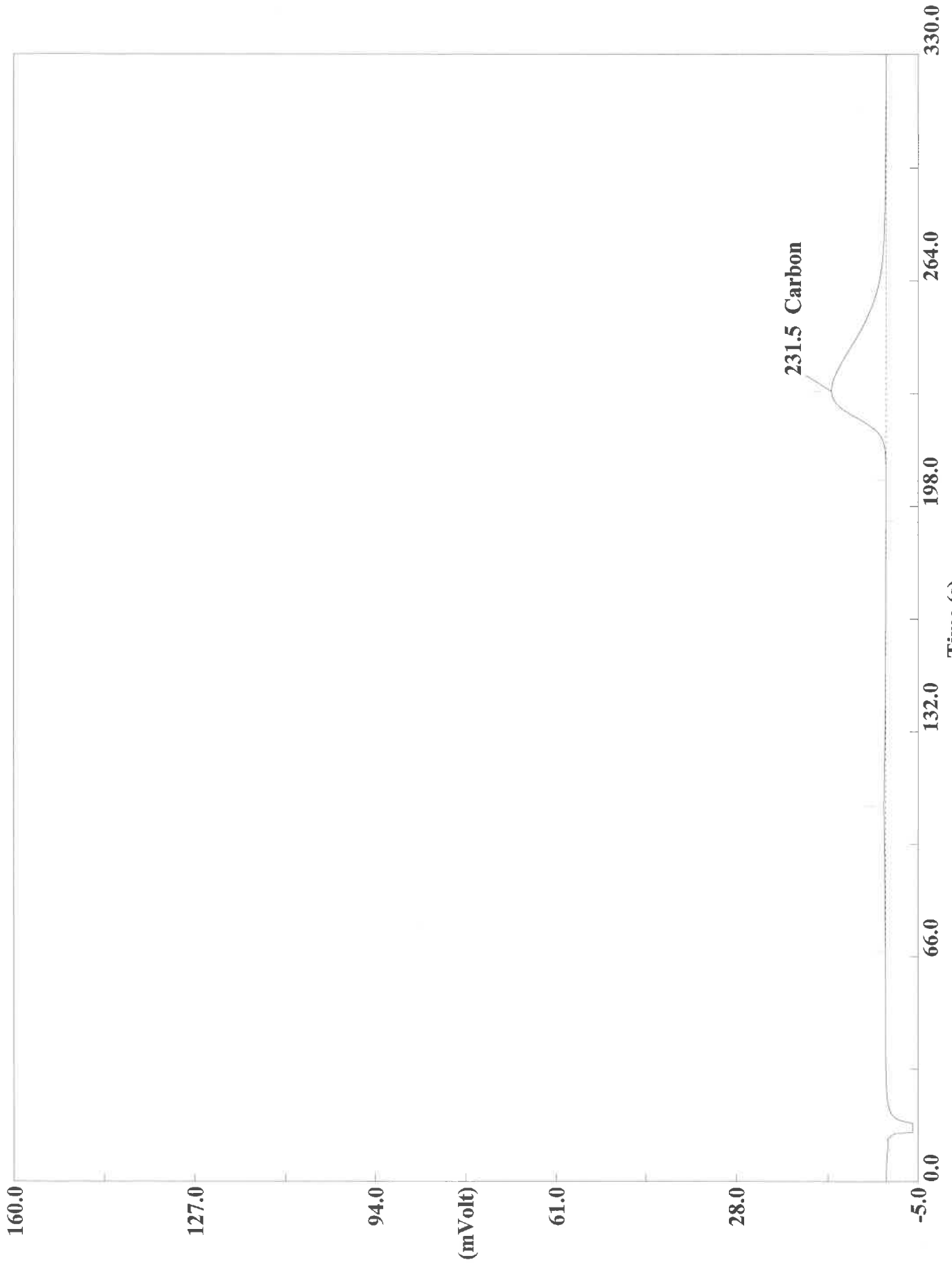
Page: 1 Sample: 180-111187-A-20 MSD (A093020018)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:39 Printed : 10/1/2020 06:54
Sample ID : 180-111187-A-20 MSD (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7248	234	1984665	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020020.DAT

Sample name : 180-111287-A-25 Analysed : 09/30/2020 15:50

Eager 300 Report

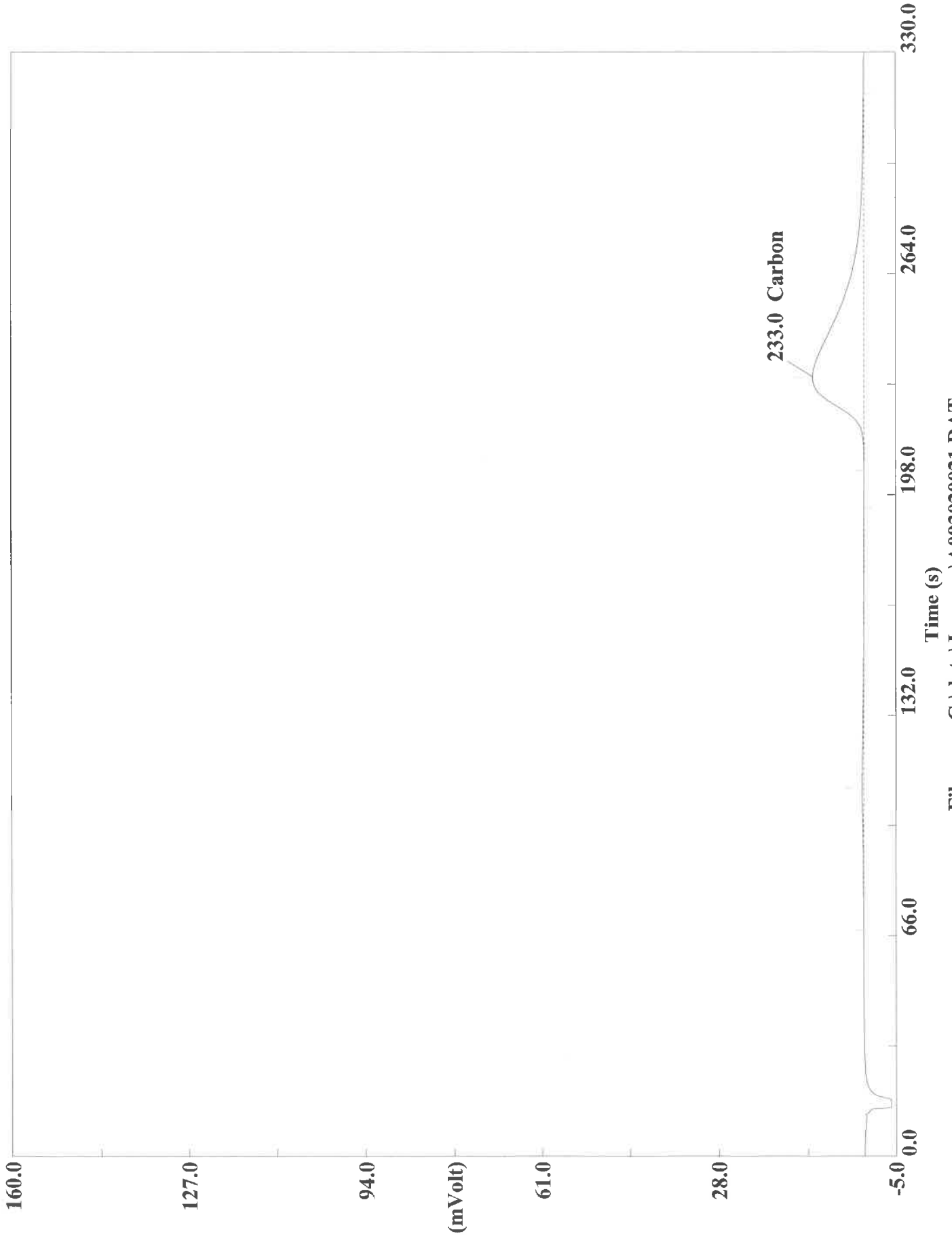
Page: 1 Sample: 180-111287-A-25 (A093020020)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:50 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-25 (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5518	232	2694343	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020021.DAT

Sample name :180-111287-A-25 Analysed :09/30/2020 15:56

Eager 300 Report

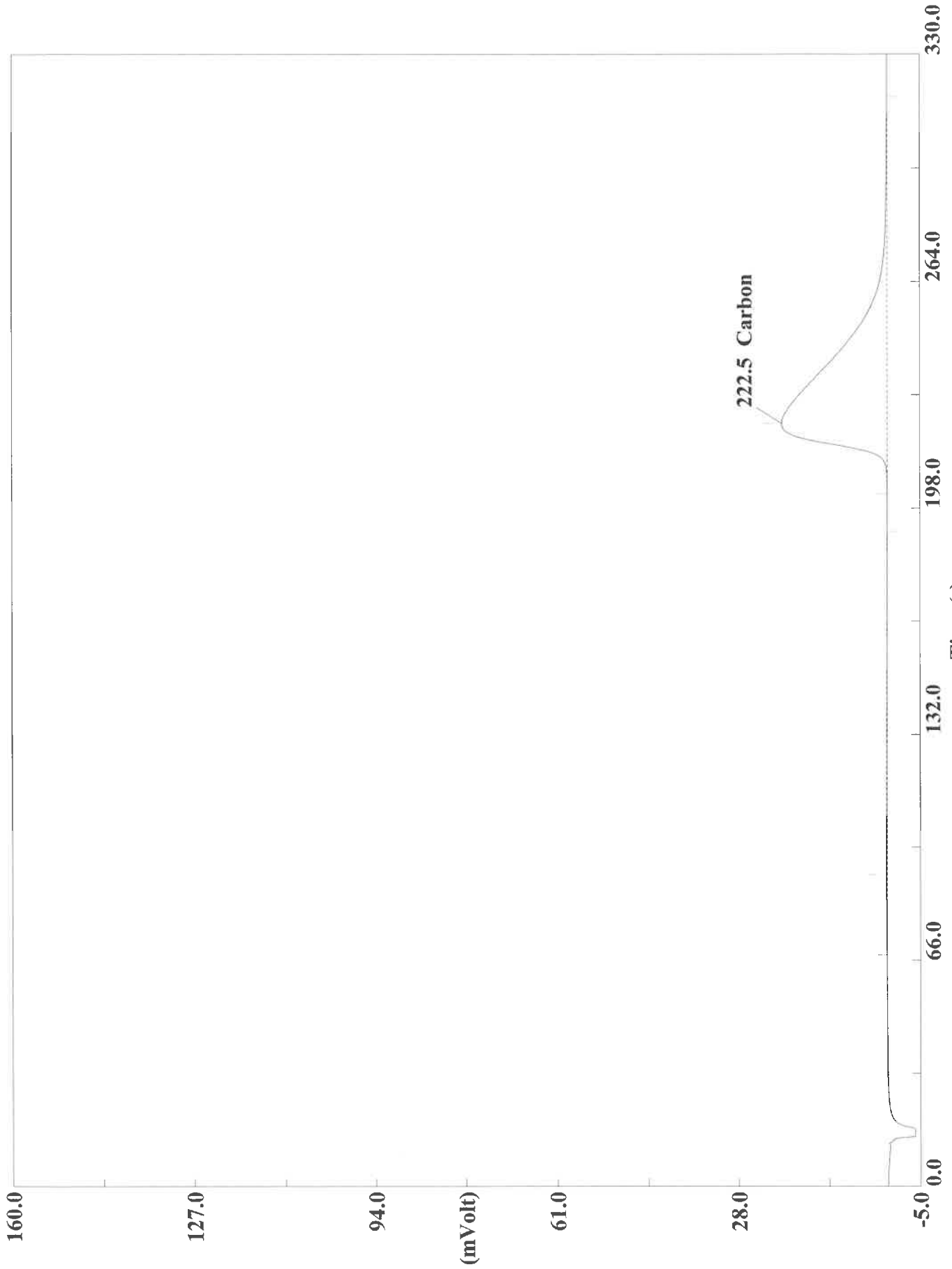
Page: 1 Sample: 180-111287-A-25 (A093020021)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 15:56 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-25 (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5673	233	3005787	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020023.DAT
Sample name :CCV Analysed :09/30/2020 16:07

Eager 300 Report

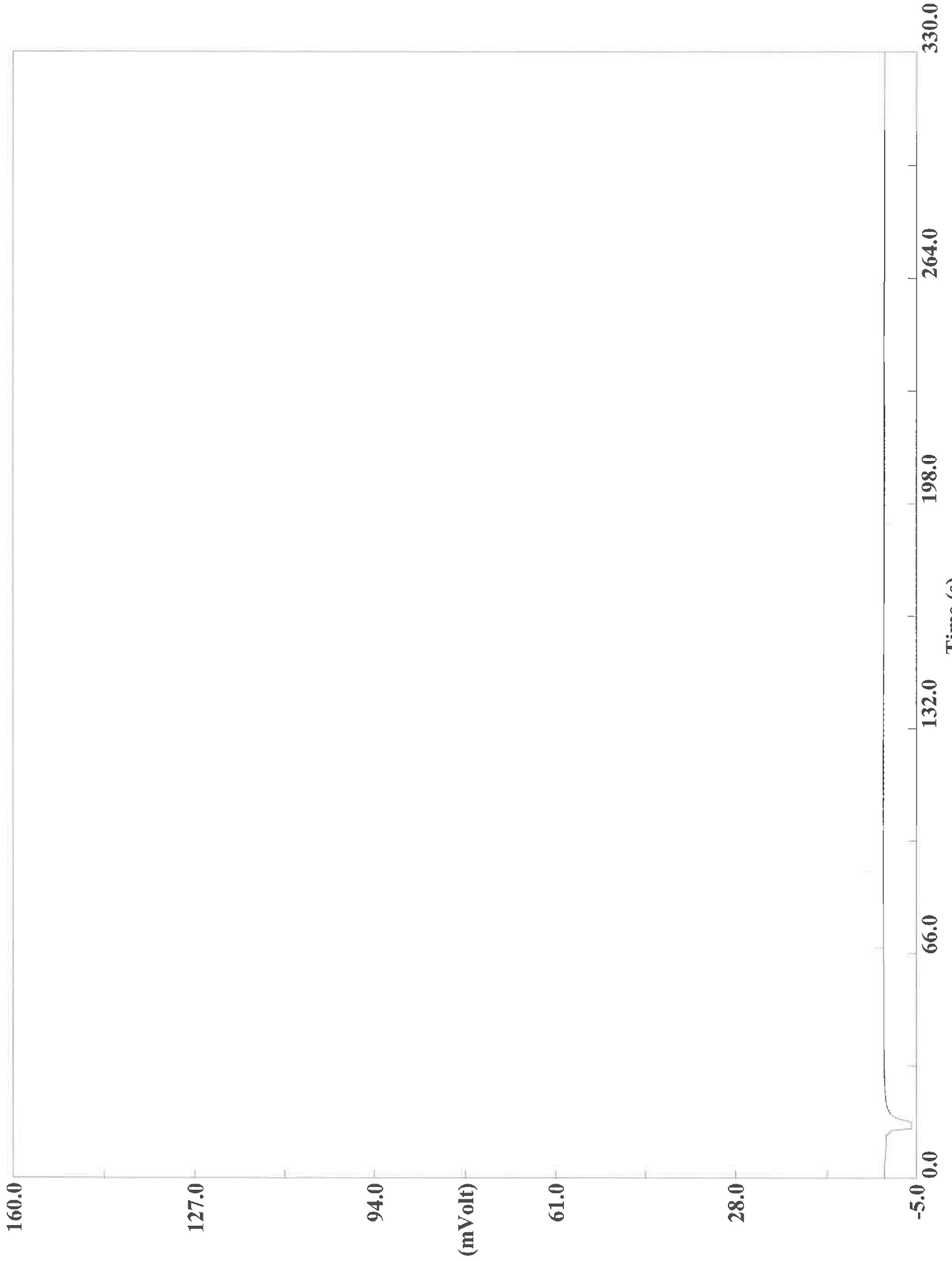
Page: 1 Sample: CCV (A093020023)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:07 Printed : 10/1/2020 06:55
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0010	223	5202740	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020024.DAT
Sample name :CCB Analysed :09/30/2020 16:12

Eager 300 Report

Page: 1 Sample: CCB (A093020024)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:12 Printed : 10/1/2020 06:55
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020025.DAT

Sample name :180-111287-A-26 Analysed :09/30/2020 16:18

Eager 300 Report

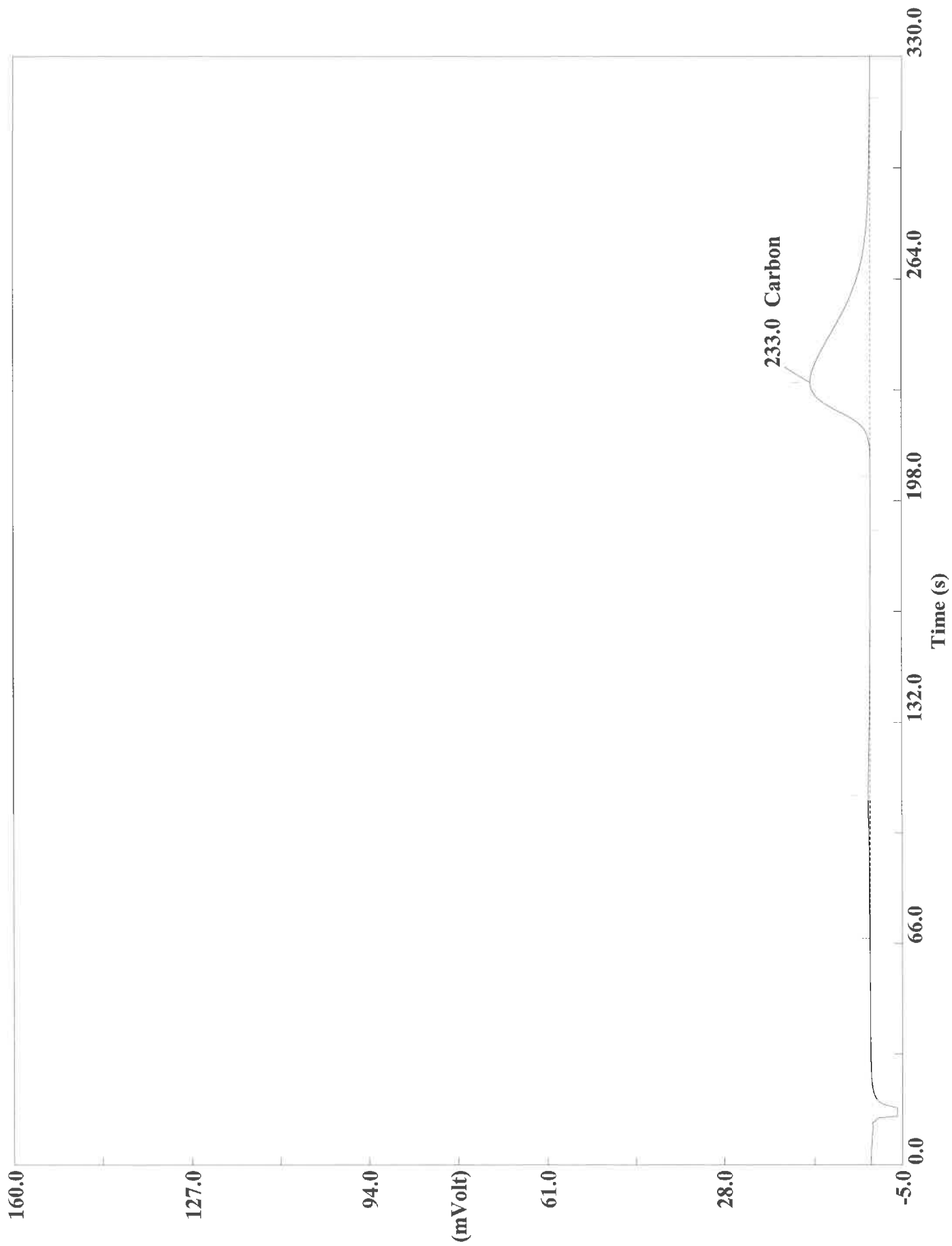
Page: 1 Sample: 180-111287-A-26 (A093020025)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:18 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-26 (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8014	233	2799323	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020026.DAT

Sample name :180-111287-A-26 Analysed :09/30/2020 16:24

Eager 300 Report

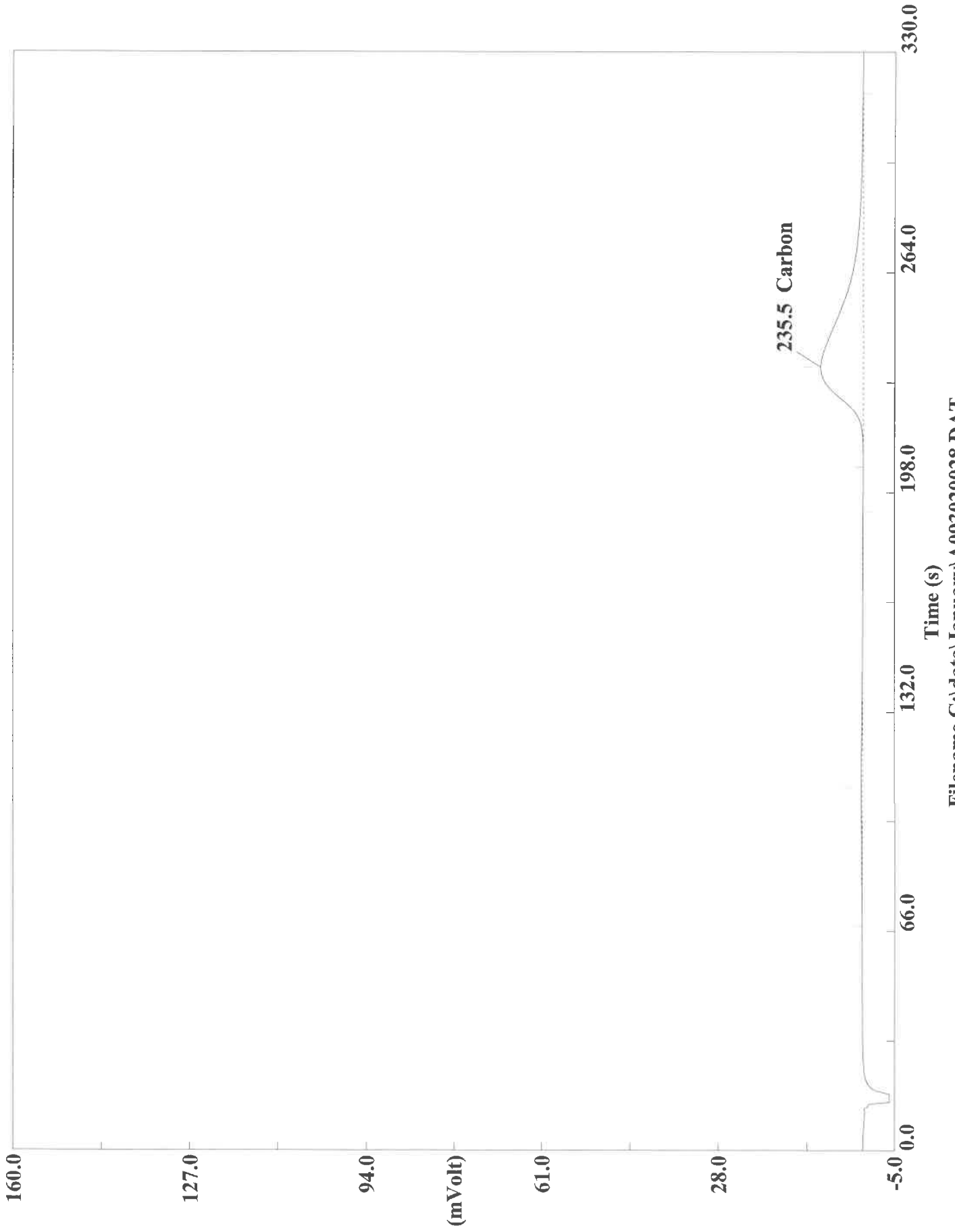
Page: 1 Sample: 180-111287-A-26 (A093020026)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:24 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-26 (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6985	233	3470550	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020028.DAT

Sample name :180-111287-A-27 Analysed :09/30/2020 16:35

Eager 300 Report

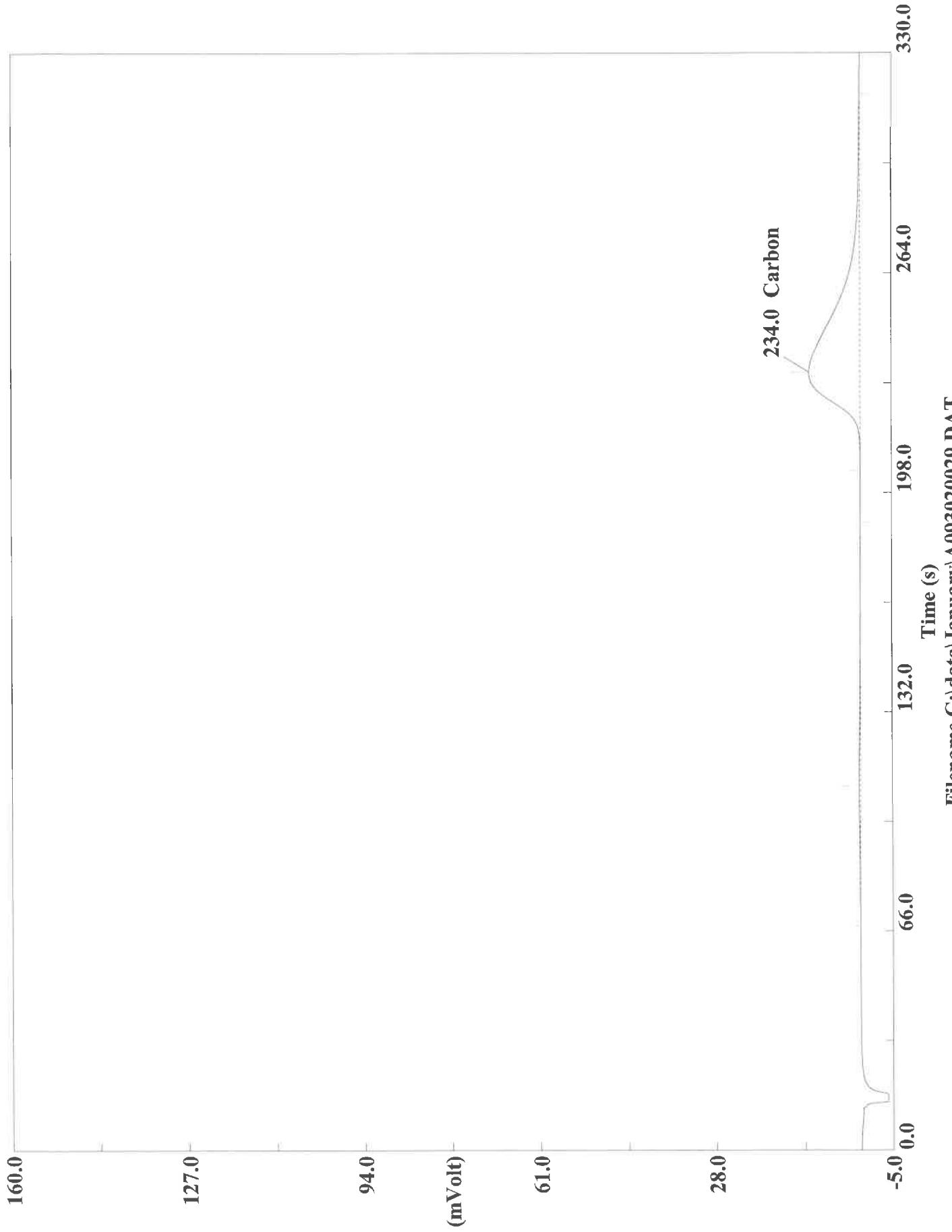
Page: 1 Sample: 180-111287-A-27 (A093020028)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:35 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-27 (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6568	236	2501064	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020029.DAT

Sample name :180-111287-A-27 Analysed :09/30/2020 16:40

Eager 300 Report

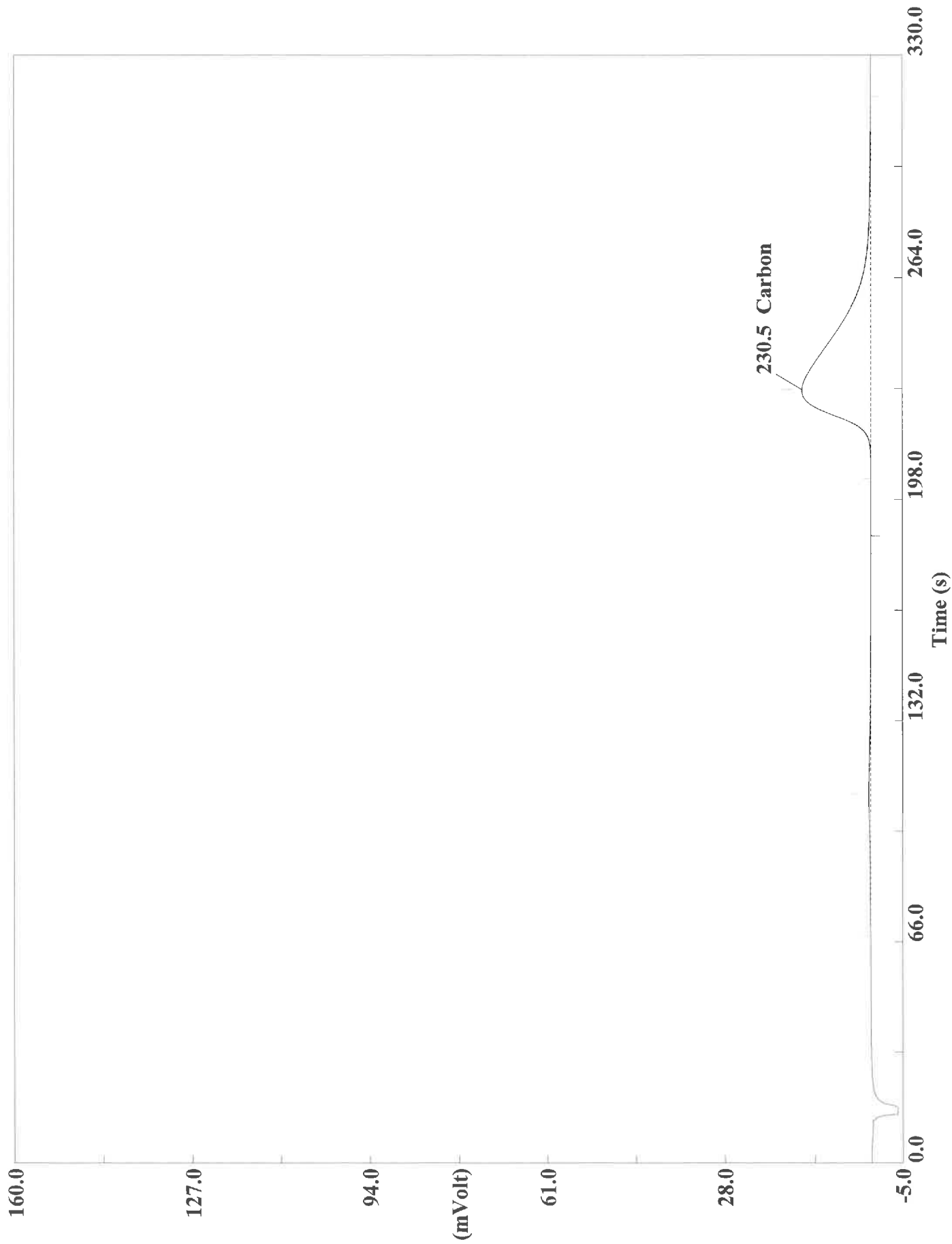
Page: 1 Sample: 180-111287-A-27 (A093020029)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:40 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-27 (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7547	234	2910466	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020031.DAT

Sample name :180-111287-A-28 Analysed :09/30/2020 16:52

Eager 300 Report

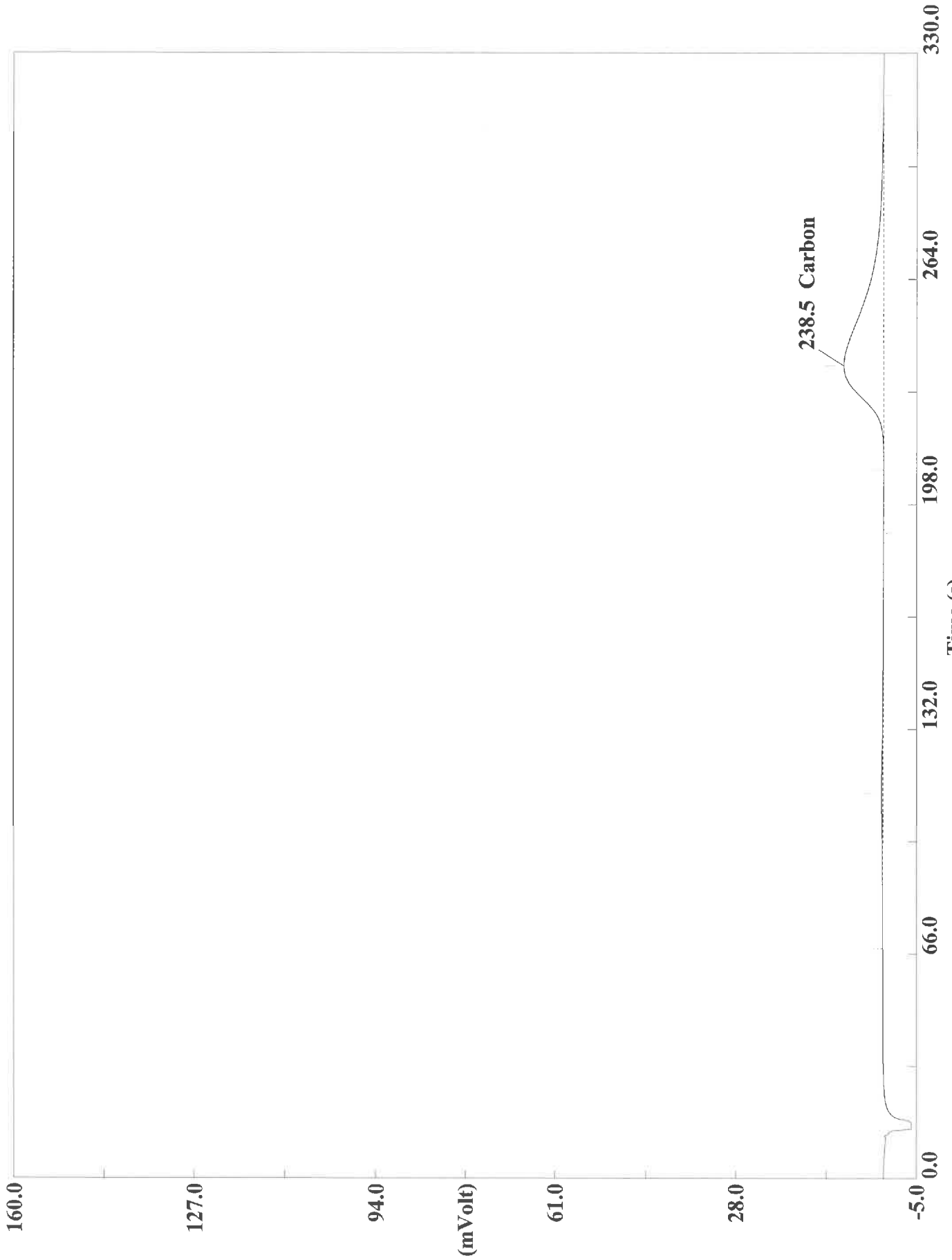
Page: 1 Sample: 180-111287-A-28 (A093020031)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:52 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-28 (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8760	231	3520208	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020032.DAT

Sample name :180-111287-A-28 Analysed :09/30/2020 16:57

Eager 300 Report

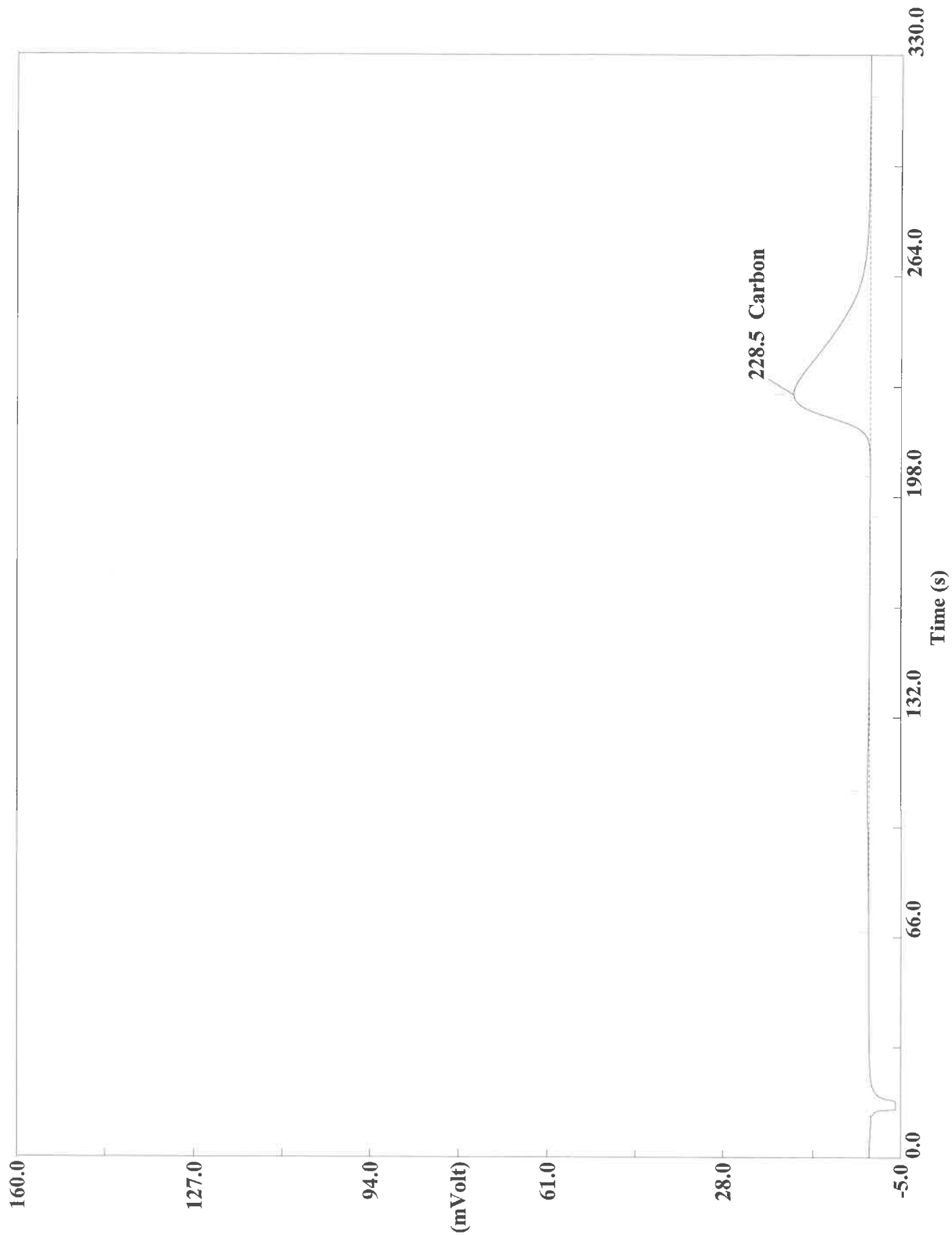
Page: 1 Sample: 180-111287-A-28 (A093020032)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 16:57 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-28 (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9967	239	2311660	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020034.DAT

Sample name :180-111287-A-29 Analysed :09/30/2020 17:08

Eager 300 Report

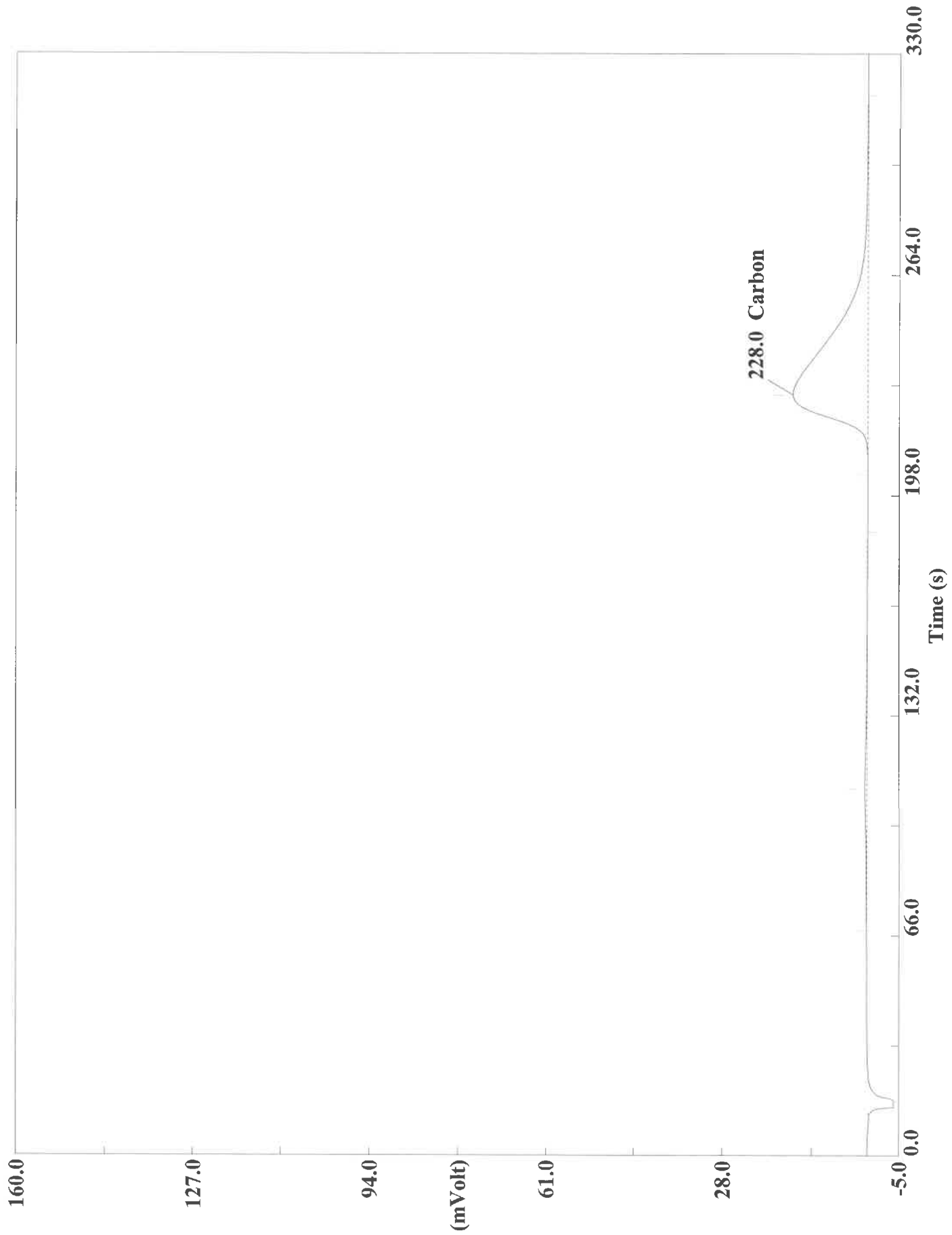
Page: 1 Sample: 180-111287-A-29 (A093020034)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:08 Printed : 10/1/2020 06:55
Sample ID : 180-111287-A-29 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8474	229	3826895	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020035.DAT

Sample name :180-111287-A-29 Analysed :09/30/2020 17:14

Eager 300 Report

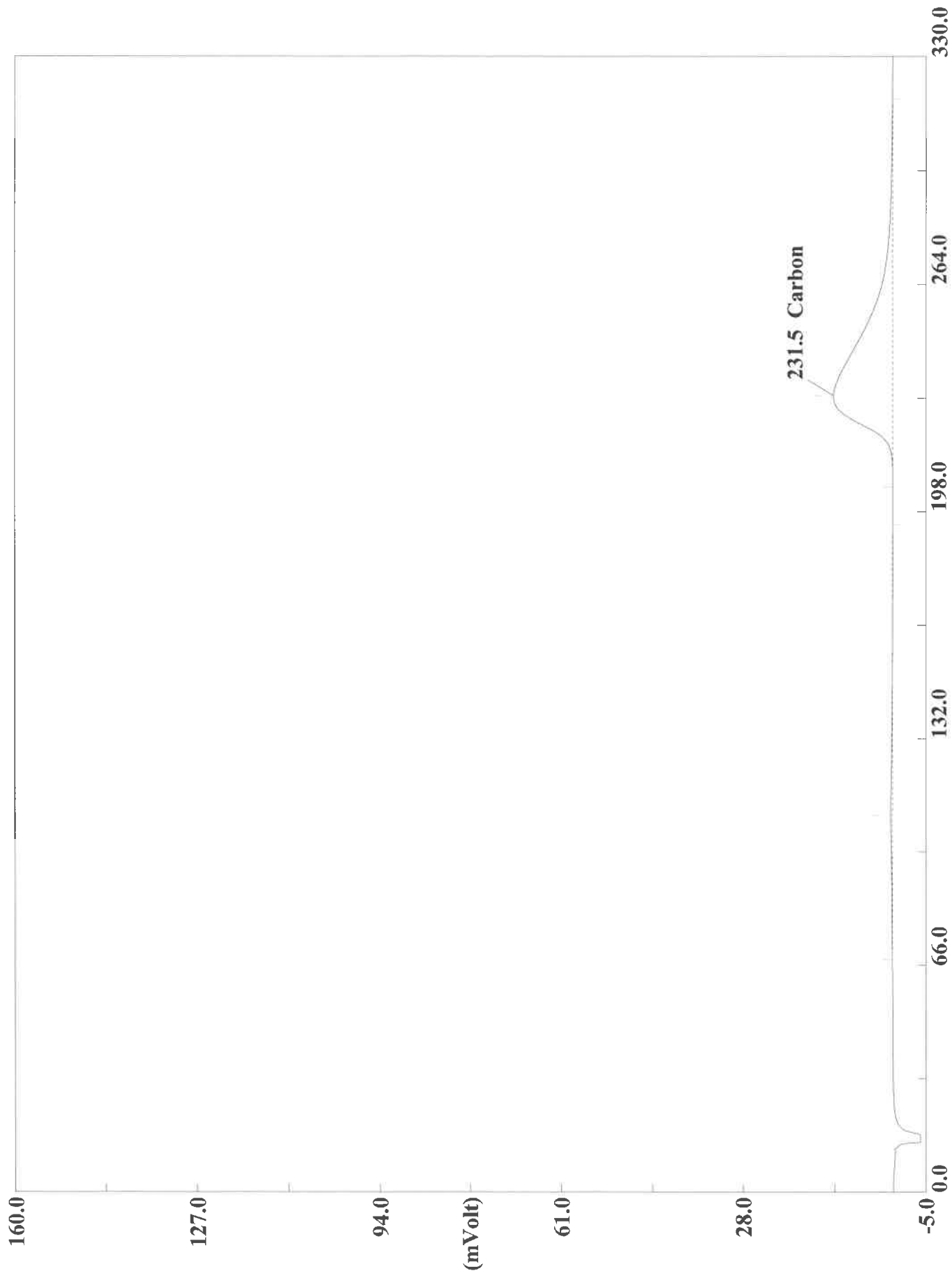
Page: 1 Sample: 180-111287-A-29 (A093020035)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:14 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-29 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 26.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7259	228	3762180	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020037.DAT
Sample name :180-111287-A-30 Analysed :09/30/2020 17:25

Eager 300 Report

Page: 1 Sample: 180-111287-A-30 (A093020037)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:25 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-30 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7458	232	3187722	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020038.DAT

Sample name : 180-111287-A-30 Analysed : 09/30/2020 17:31

Eager 300 Report

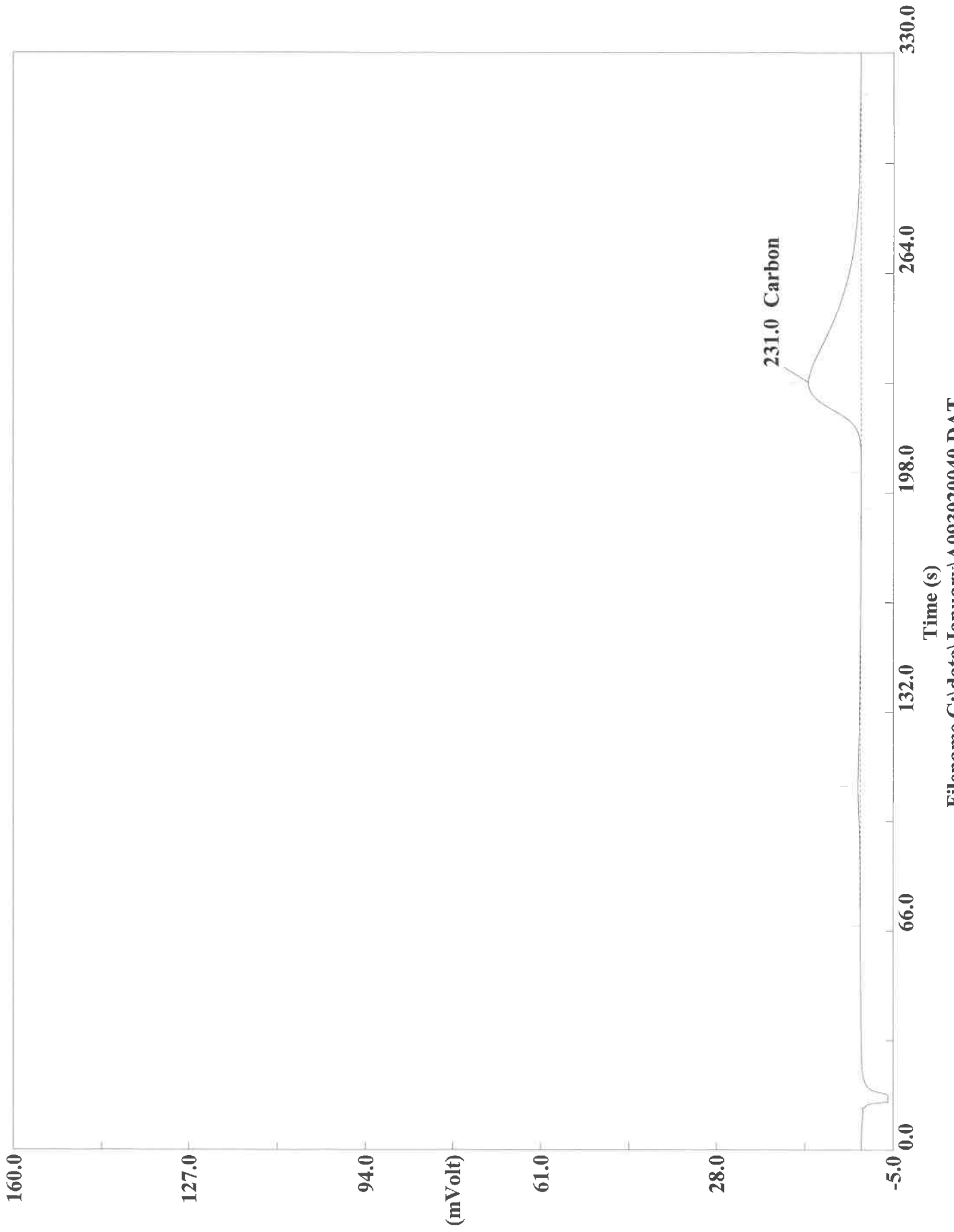
Page: 1 Sample: 180-111287-A-30 (A093020038)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:31 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-30 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2262	231	3715805	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020040.DAT

Sample name :180-111287-A-31 Analysed :09/30/2020 17:42

Eager 300 Report

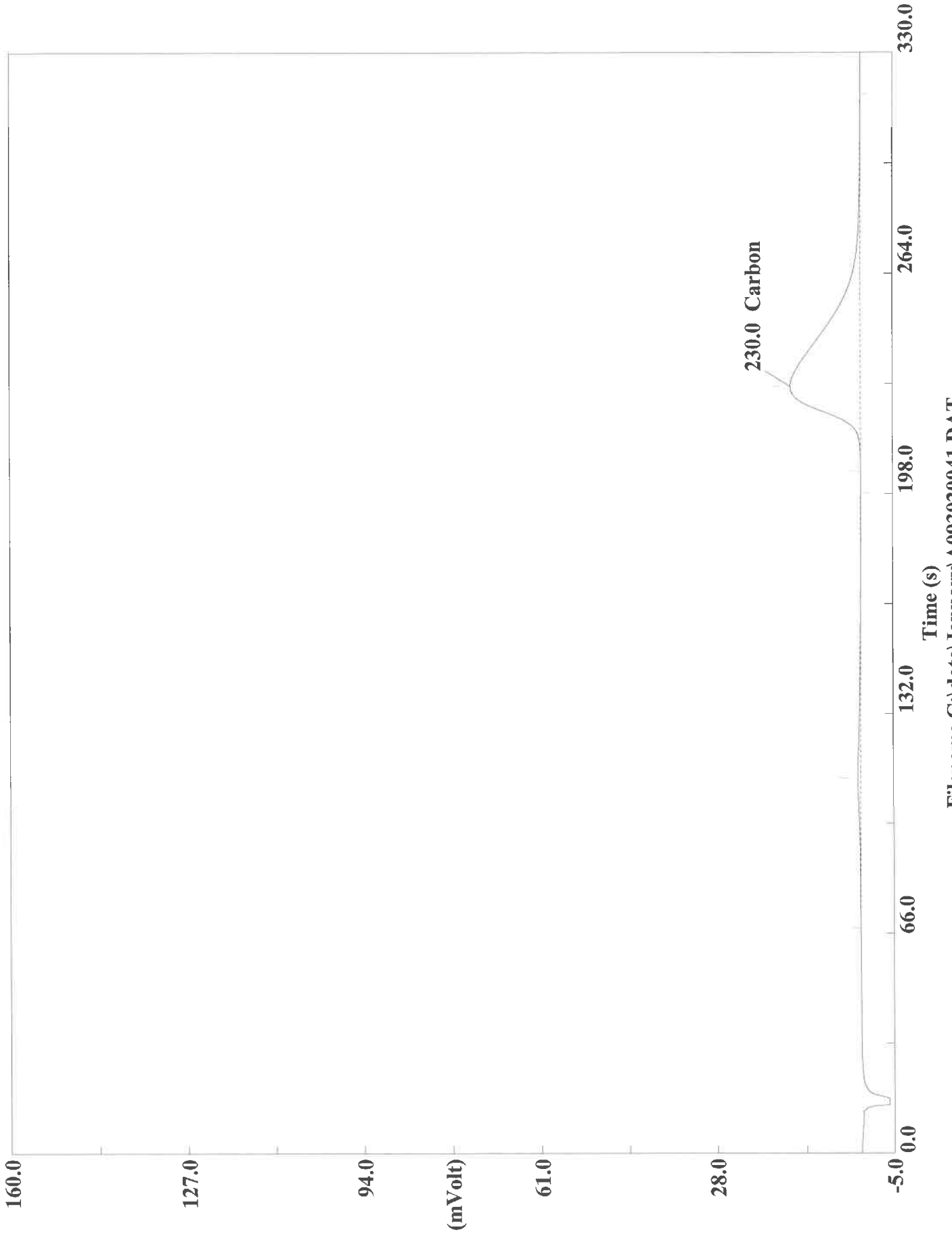
Page: 1 Sample: 180-111287-A-31 (A093020040)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:42 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-31 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8620	231	3054689	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020041.DAT

Sample name :180-111287-A-31 Analysed :09/30/2020 17:48

Eager 300 Report

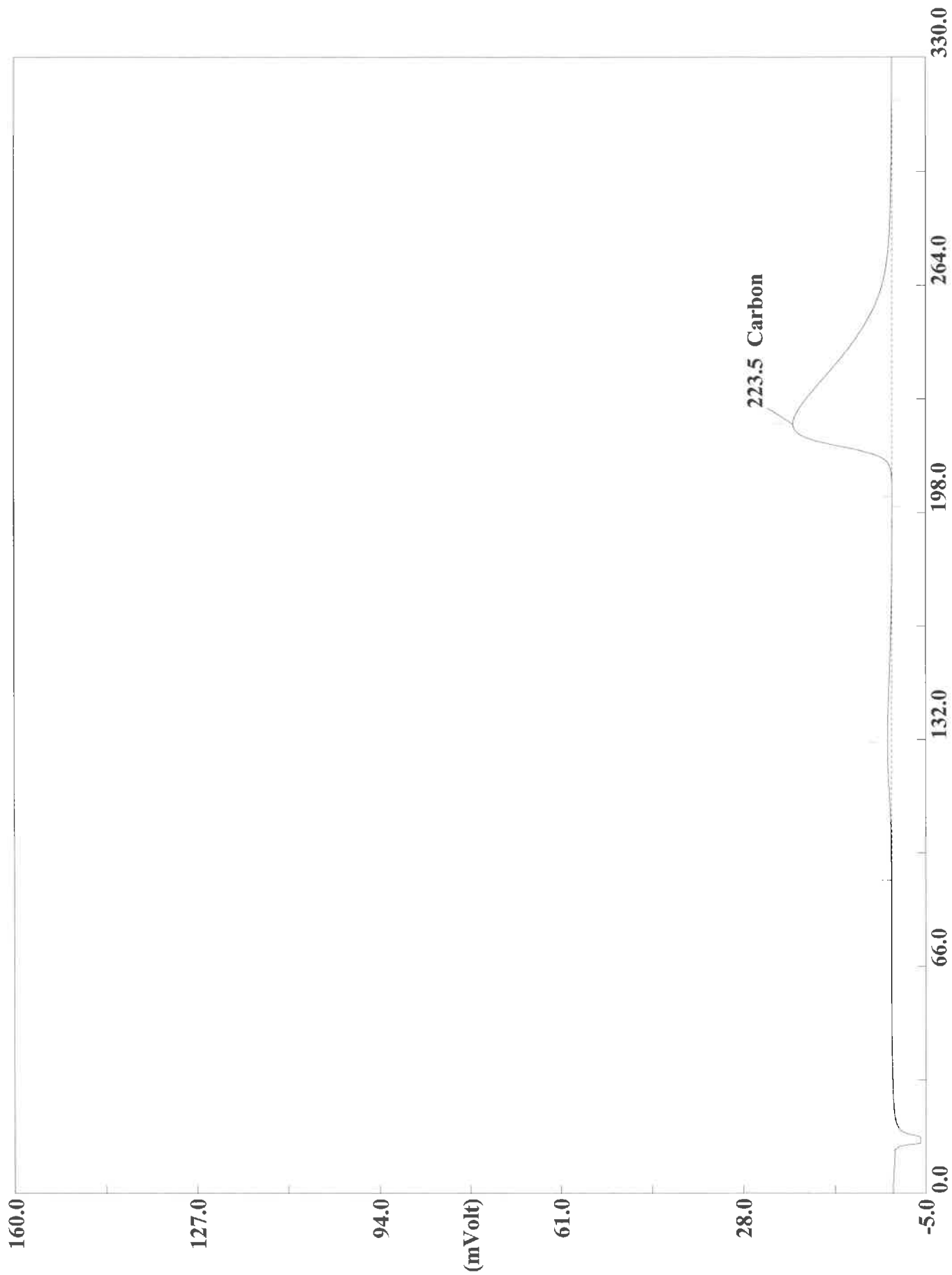
Page: 1 Sample: 180-111287-A-31 (A093020041)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 17:48 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-31 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6158	230	3638872	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020043.DAT
Sample name :CCV Analysed :09/30/2020 18:30

Eager 300 Report

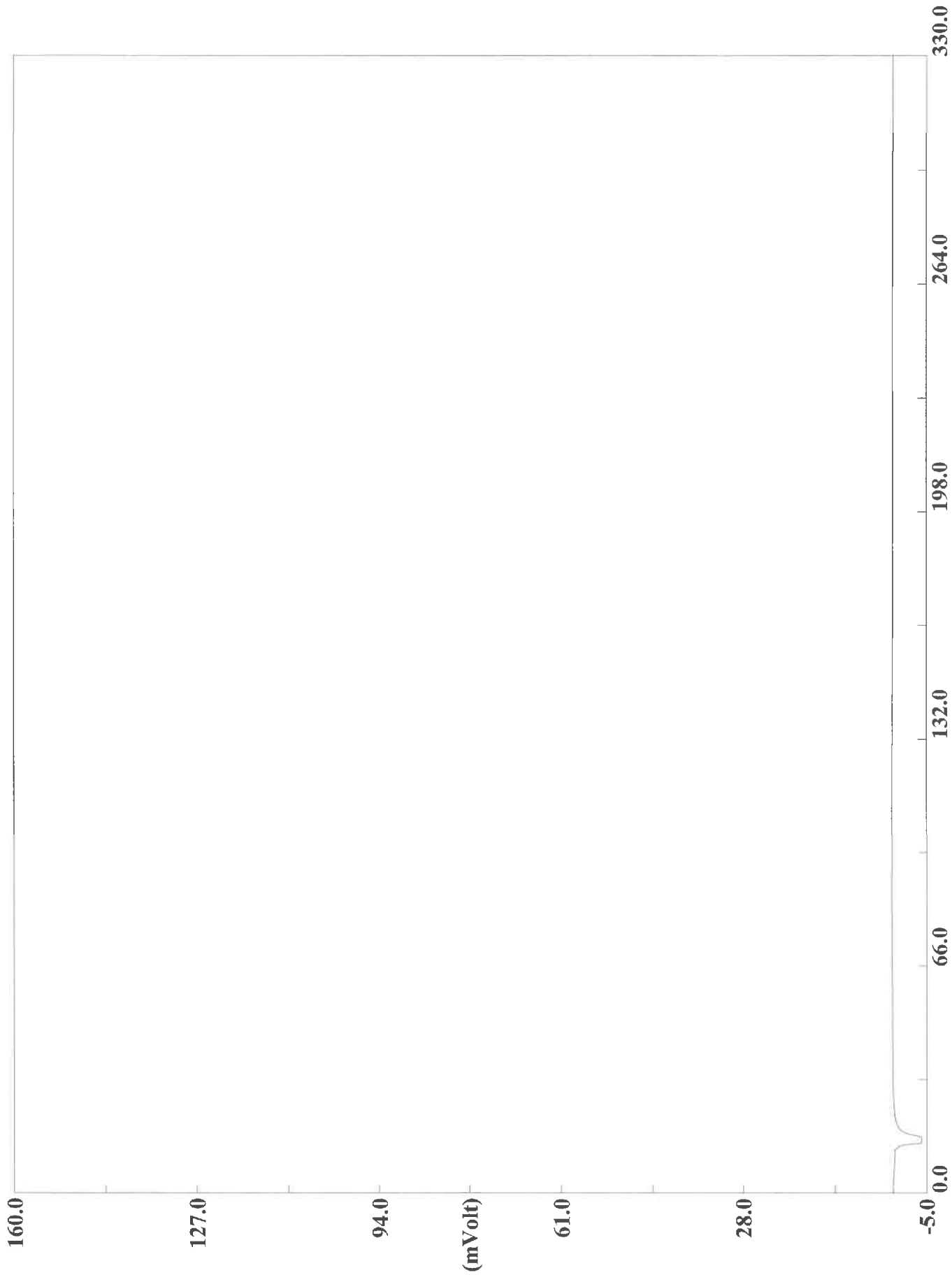
Page: 1 Sample: CCV (A093020043)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 18:30 Printed : 10/1/2020 06:56
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9824	224	5105506	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020044.DAT
Sample name :CCB Analysed :09/30/2020 18:36

Eager 300 Report

Page: 1 Sample: CCB (A093020044)

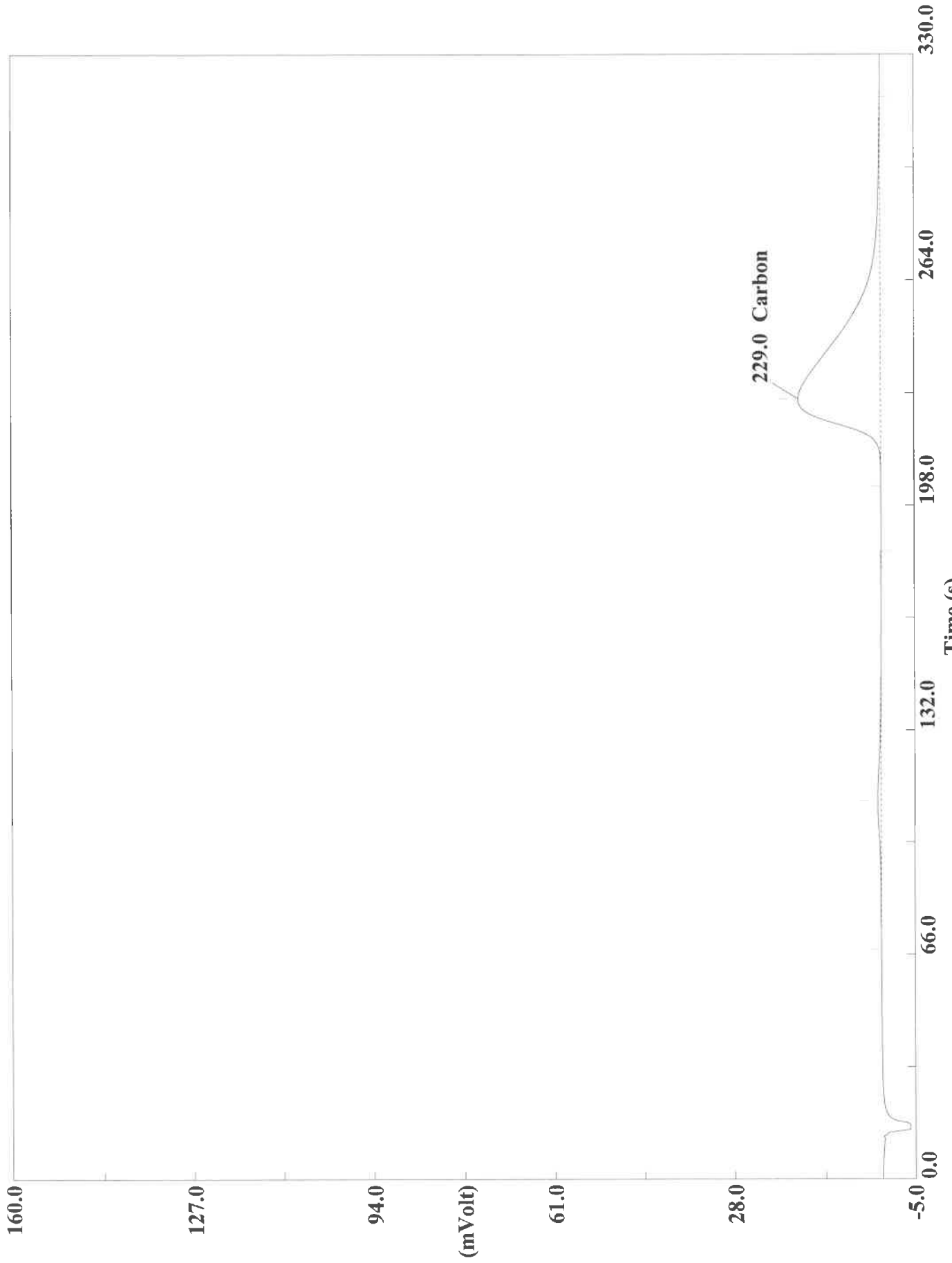
Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020044
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 18:36 Printed : 10/1/2020 06:56
Sample ID : CCB (# 55)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020045.DAT

Sample name : 180-111287-A-32 Analysed : 09/30/2020 18:41

Eager 300 Report

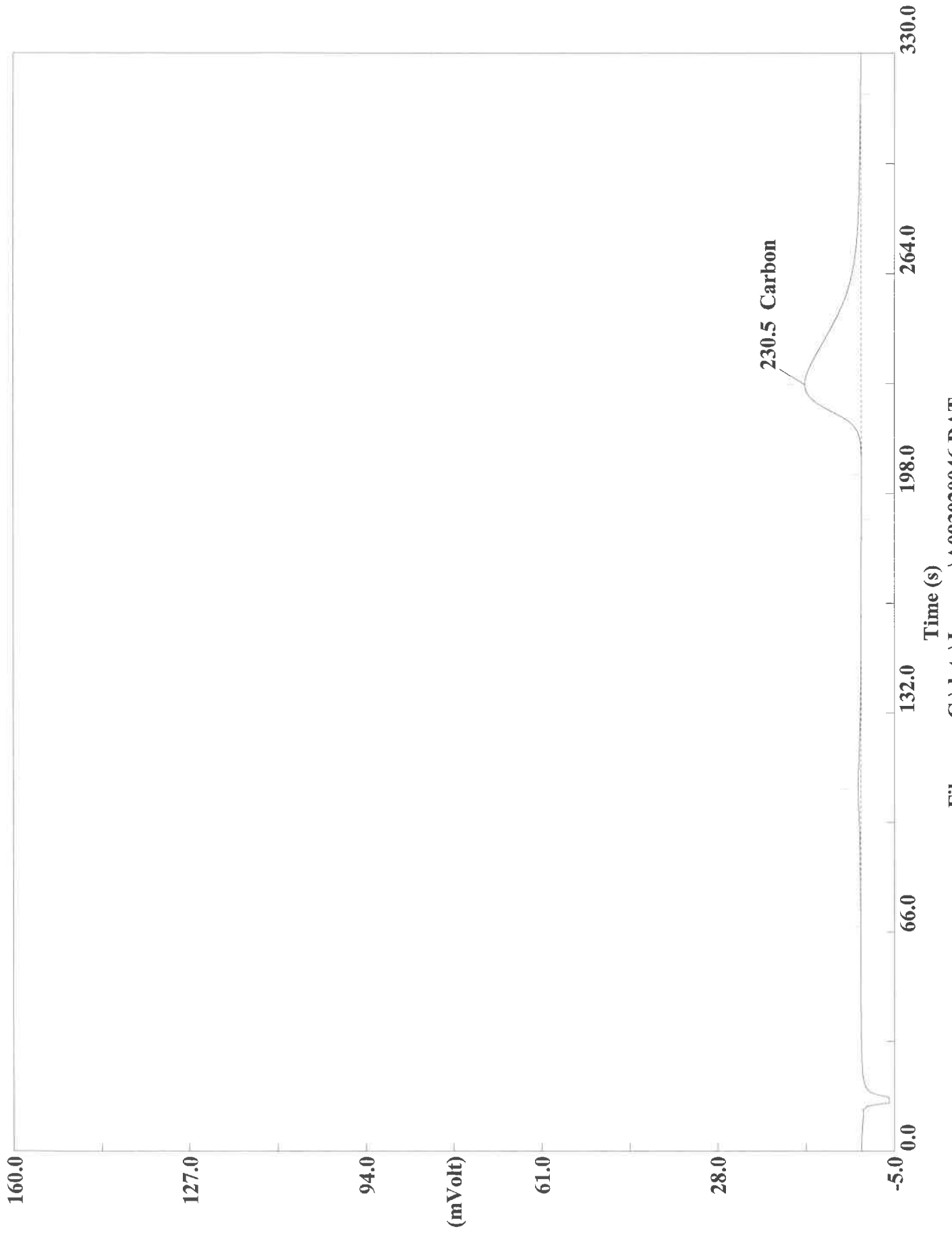
Page: 1 Sample: 180-111287-A-32 (A093020045)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020045
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 18:41 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-32 (# 56)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 26.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1957	229	4381221	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020046.DAT

Sample name :180-111287-A-32 Analysed :09/30/2020 18:47

Eager 300 Report

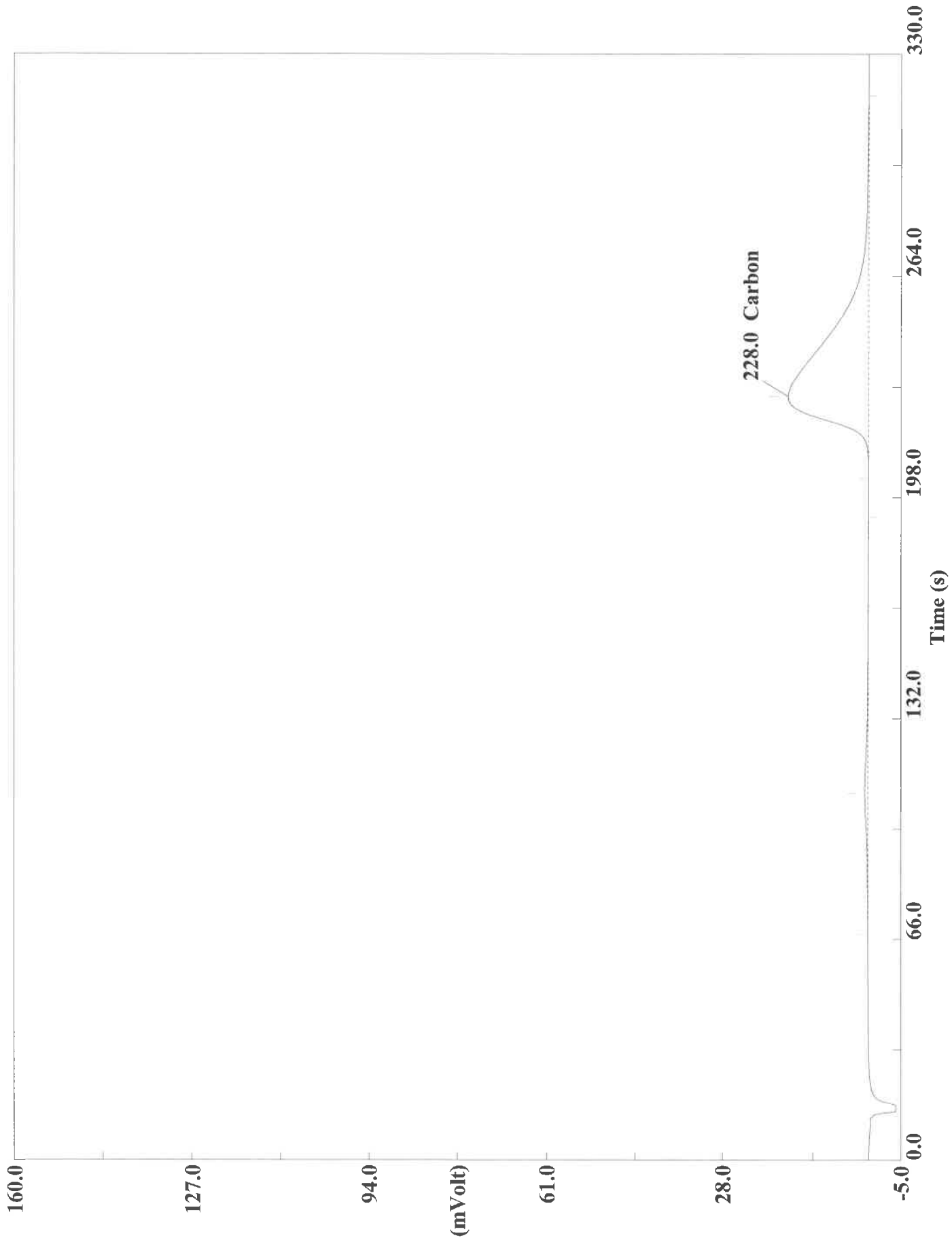
Page: 1 Sample: 180-111287-A-32 (A093020046)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020046
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 18:47 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-32 (# 57)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8189	231	3067143	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020048.DAT

Sample name :180-111287-A-33 Analysed :09/30/2020 18:58

Eager 300 Report

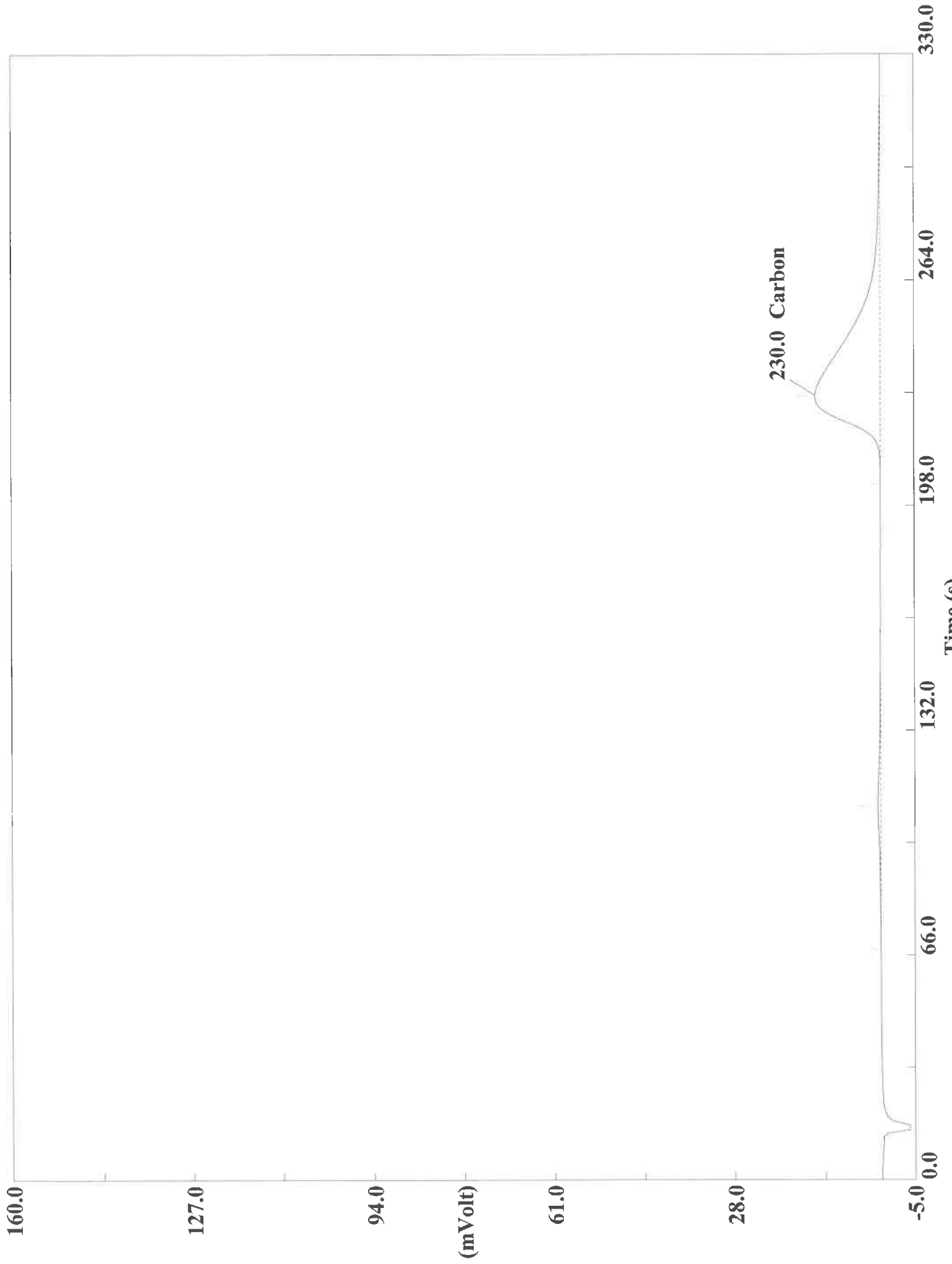
Page: 1 Sample: 180-111287-A-33 (A093020048)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020048
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 18:58 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-33 (# 59)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7776	228	4098634	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020049.DAT

Sample name :180-111287-A-33 Analysed :09/30/2020 19:04

Eager 300 Report

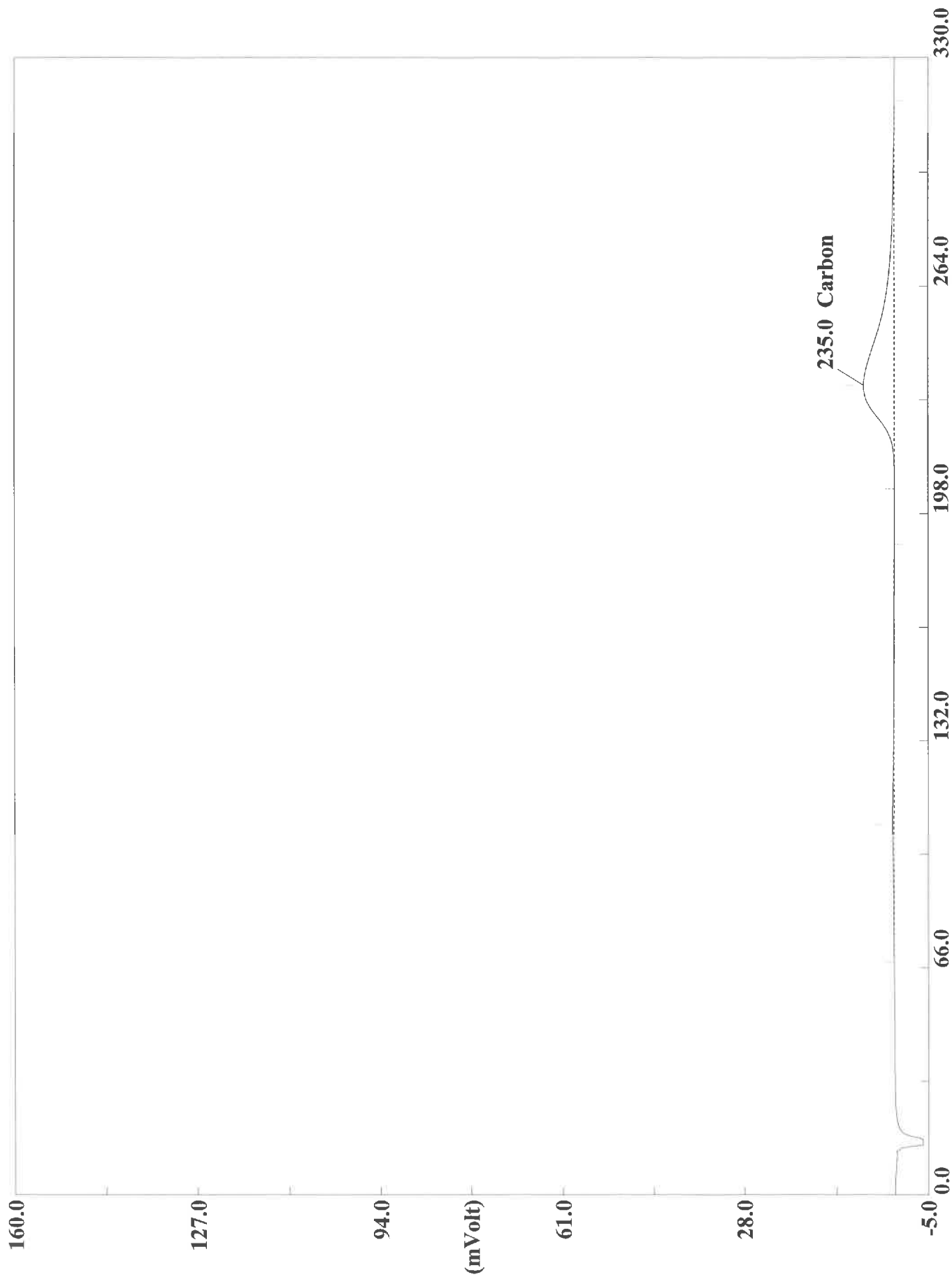
Page: 1 Sample: 180-111287-A-33 (A093020049)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020049
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:04 Printed : 10/1/2020 06:56
Sample ID : 180-111287-A-33 (# 60)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4695	230	3327591	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020051.DAT

Sample name :180-111287-A-37 Analysed :09/30/2020 19:15

Eager 300 Report

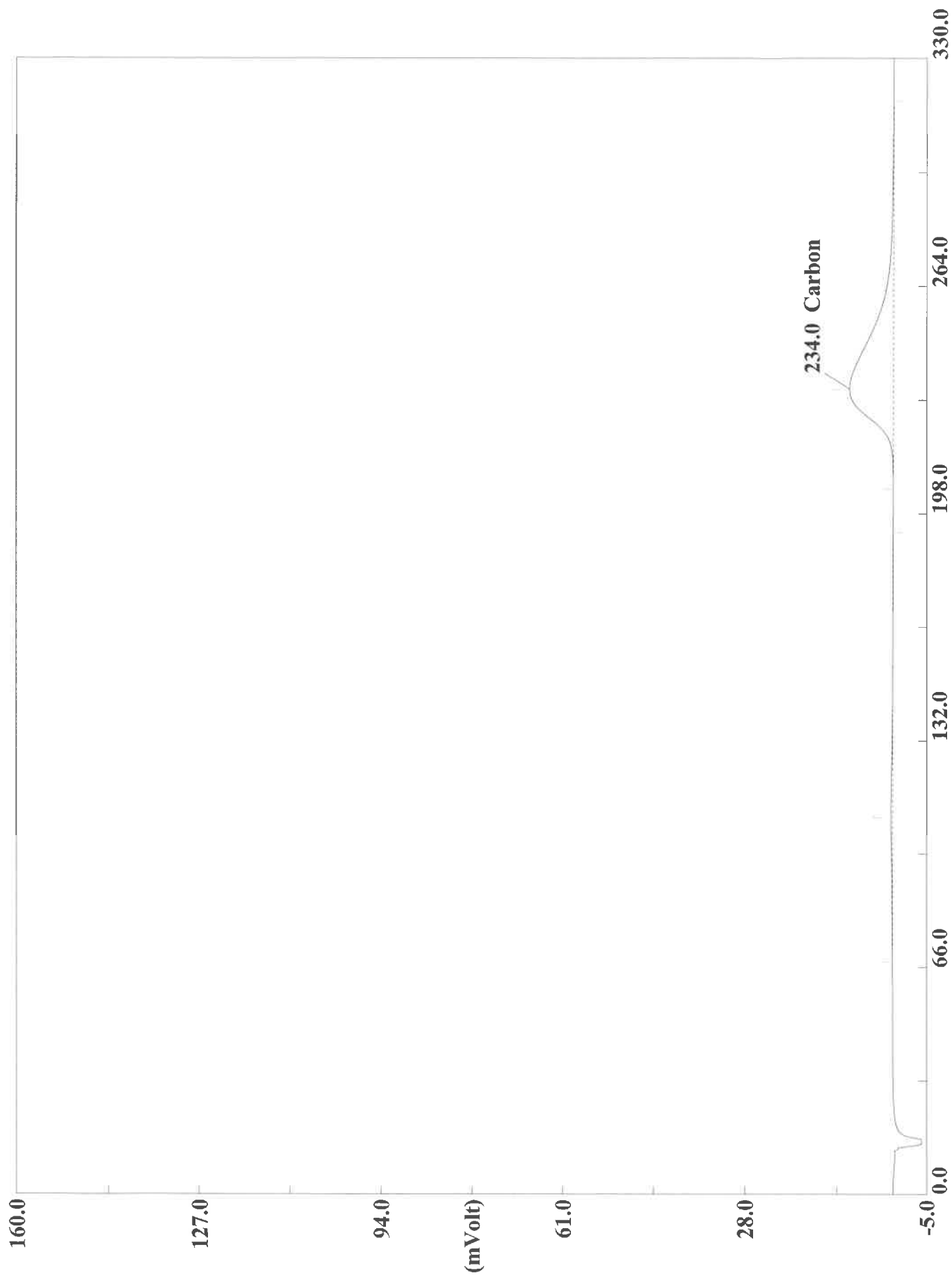
Page: 1 Sample: 180-111287-A-37 (A093020051)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020051
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:15 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-37 (# 62)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7181	235	1671828	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020052.DAT

Sample name :180-111287-A-37 Analysed :09/30/2020 19:20

Eager 300 Report

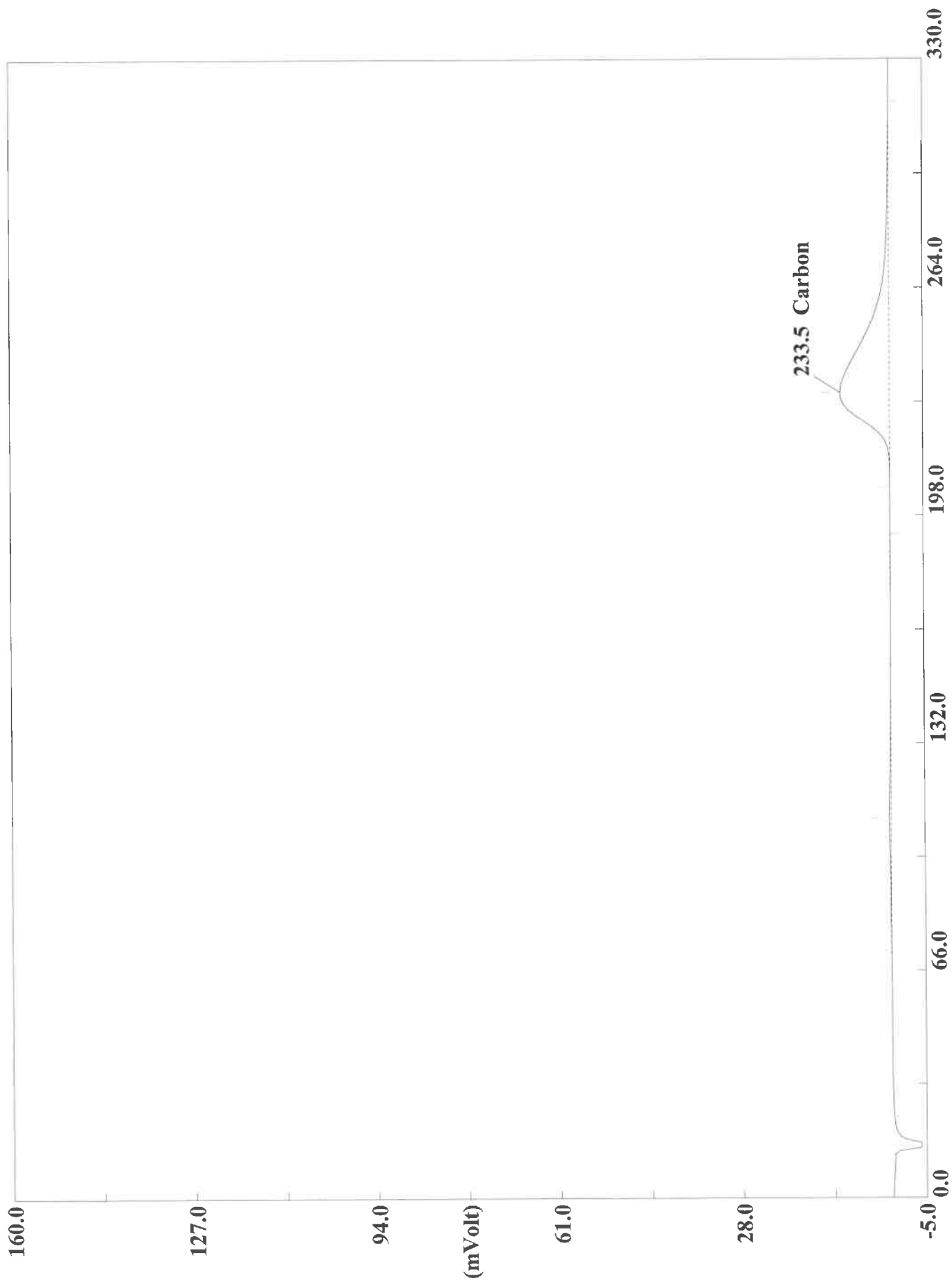
Page: 1 Sample: 180-111287-A-37 (A093020052)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020052
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:20 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-37 (# 63)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2342	234	2227755	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020054.DAT
Sample name :180-111287-A-38 Analysed :09/30/2020 19:31

Eager 300 Report

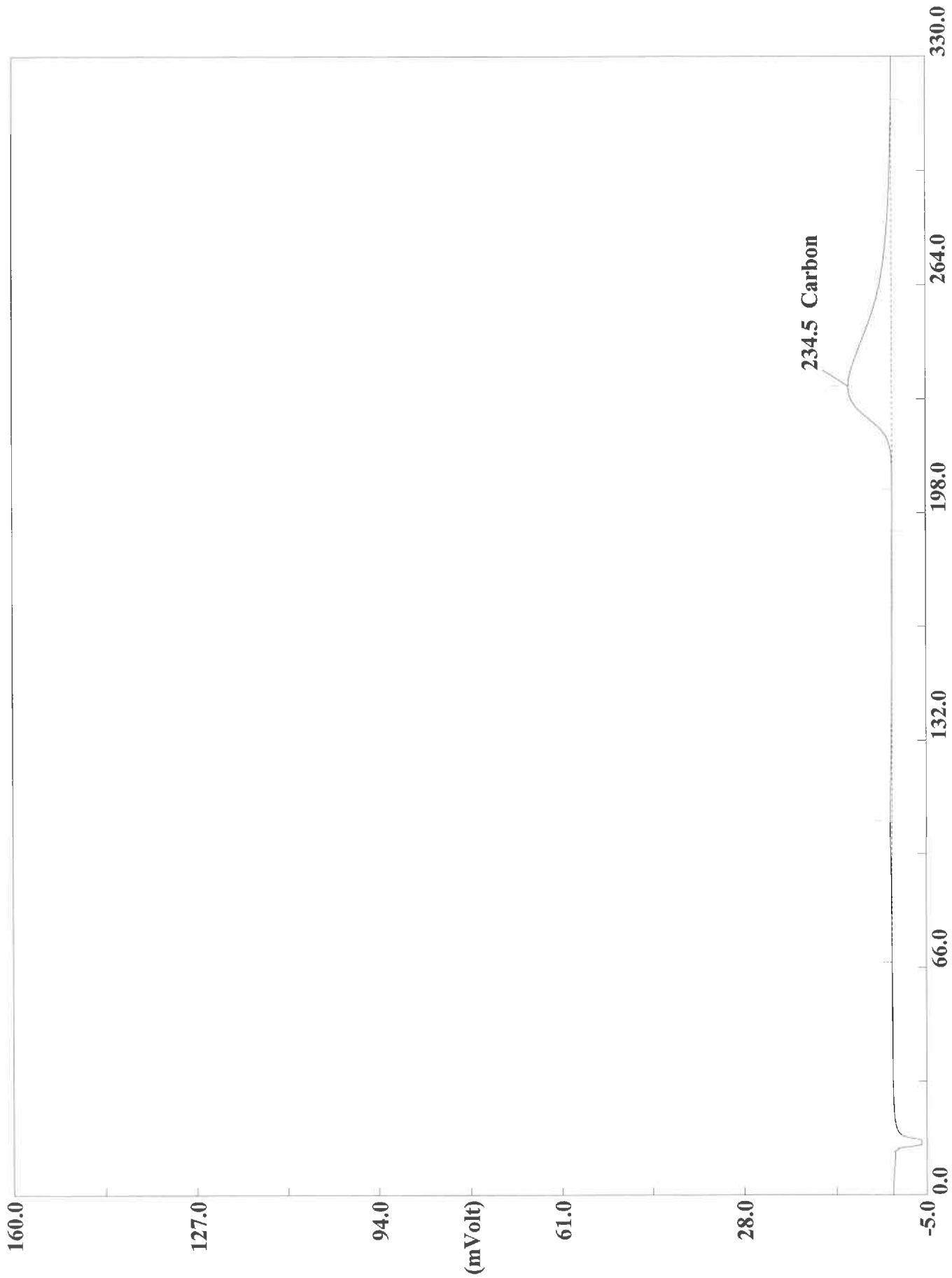
Page: 1 Sample: 180-111287-A-38 (A093020054)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020054
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:31 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 (# 65)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0901	234	2453648	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020055.DAT

Sample name : 180-111287-A-38 Analysed : 09/30/2020 19:37

Eager 300 Report

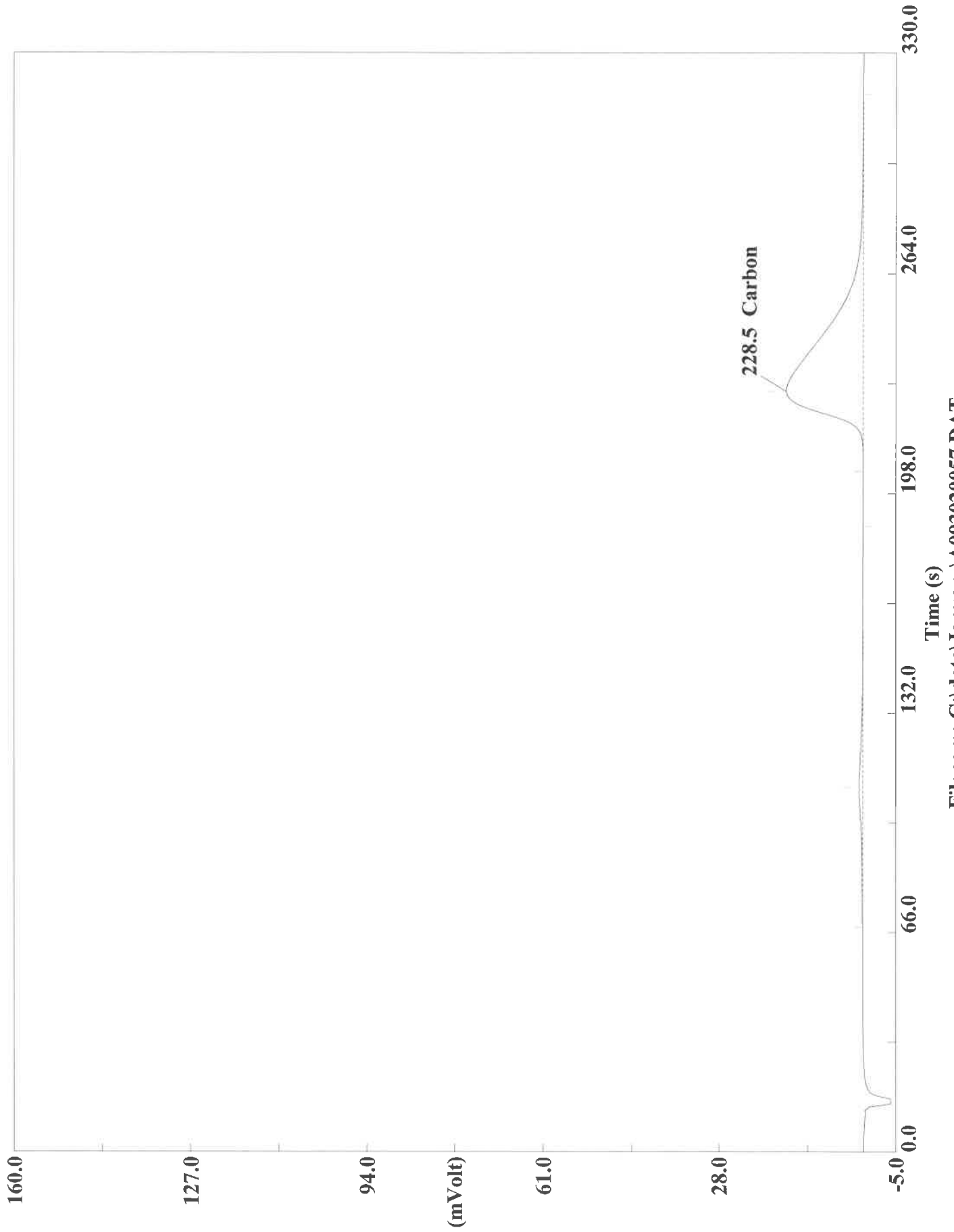
Page: 1 Sample: 180-111287-A-38 (A093020055)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020055
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:37 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 (# 66)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1278	235	2631543	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020057.DAT
Sample name :180-111287-A-38 MS Analysed :09/30/2020 19:48

Eager 300 Report

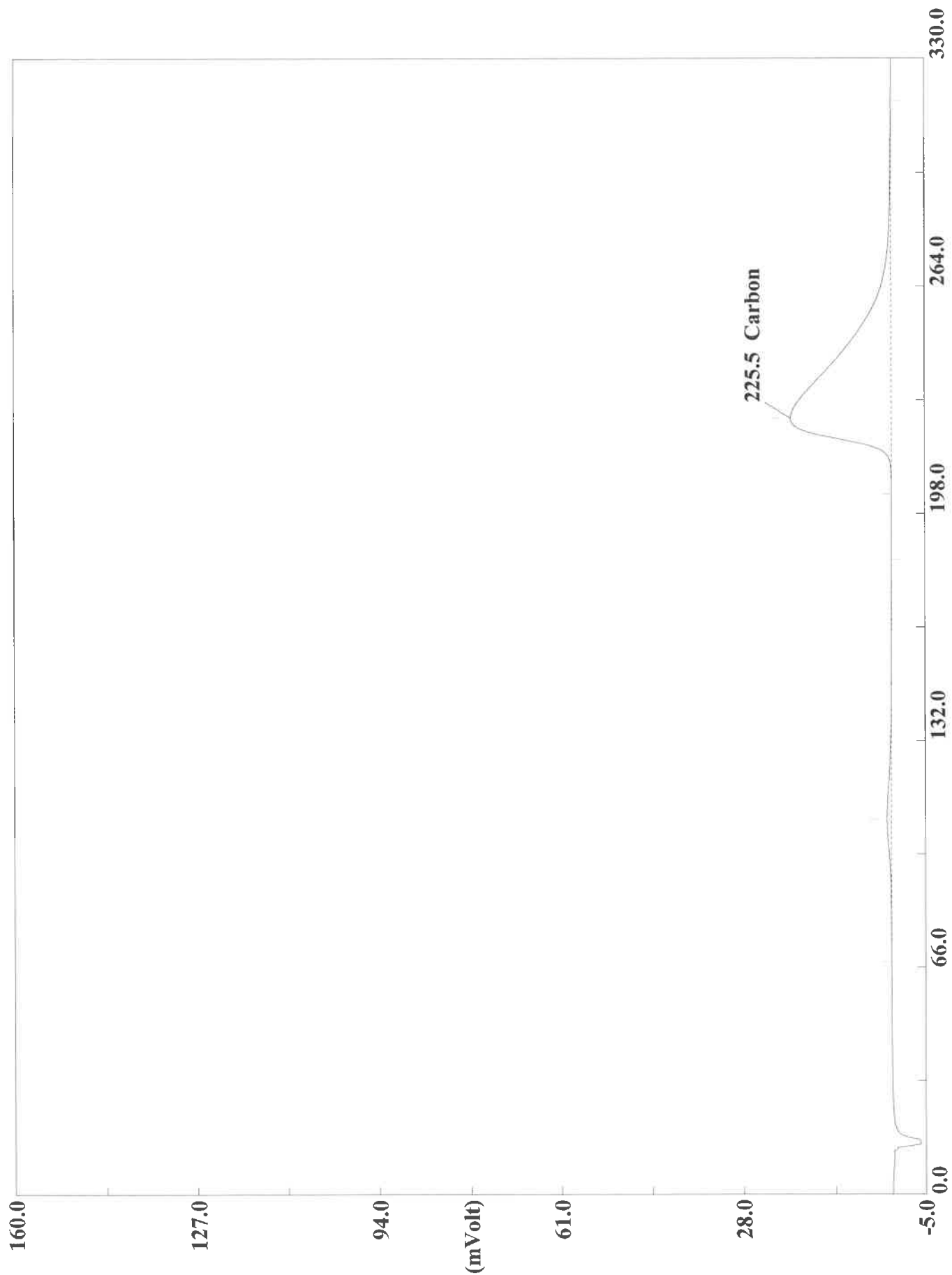
Page: 1 Sample: 180-111287-A-38 MS (A093020057)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020057
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:48 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 MS (# 68)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2148	229	3805453	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020058.DAT

Sample name :180-111287-A-38 MS Analysed :09/30/2020 19:54

Eager 300 Report

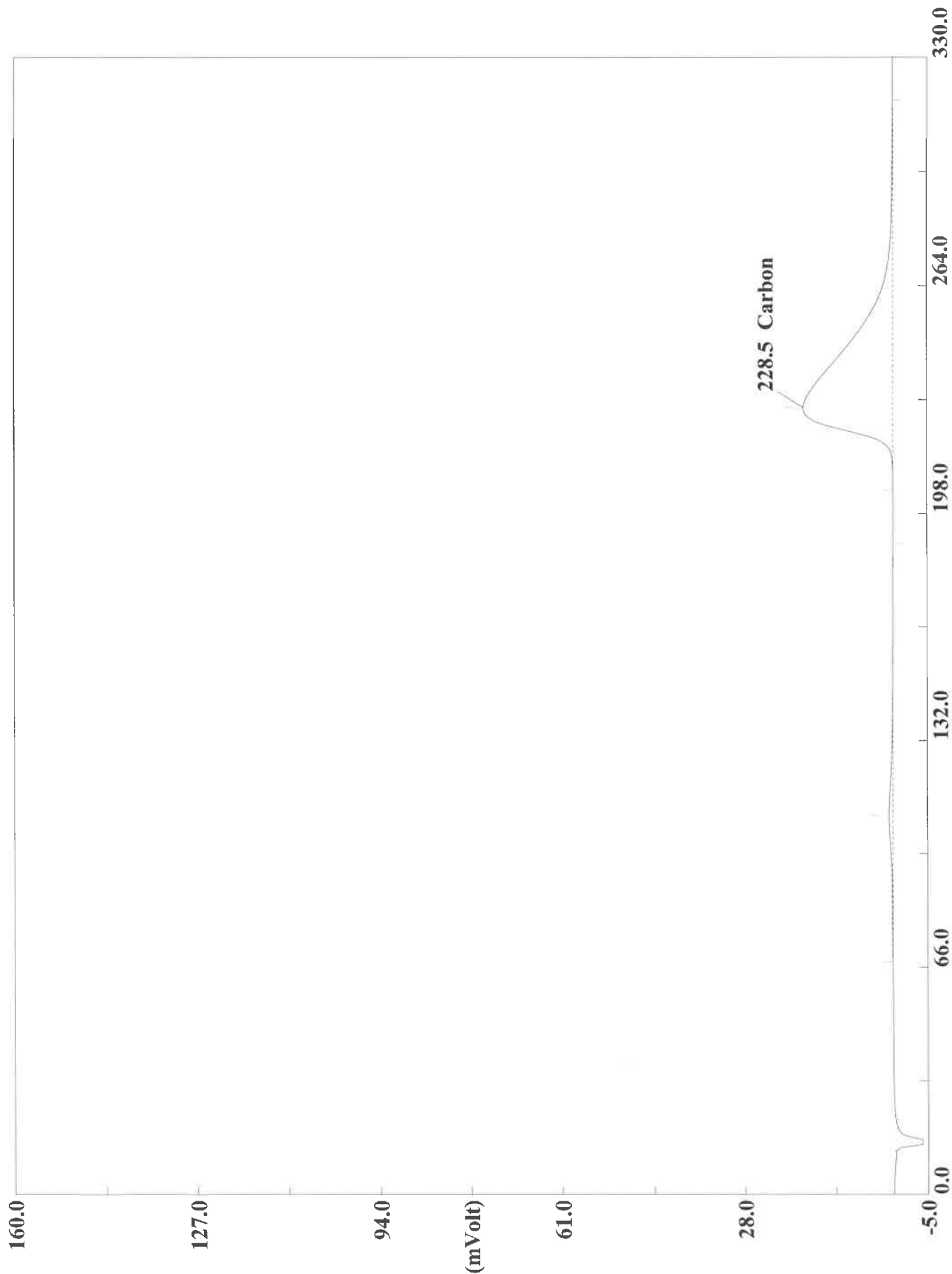
Page: 1 Sample: 180-111287-A-38 MS (A093020058)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020058
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 19:54 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 MS (# 69)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.7059	226	4964100	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020060.DAT

Sample name :180-111287-A-38 MSD Analysed :09/30/2020 20:05

Eager 300 Report

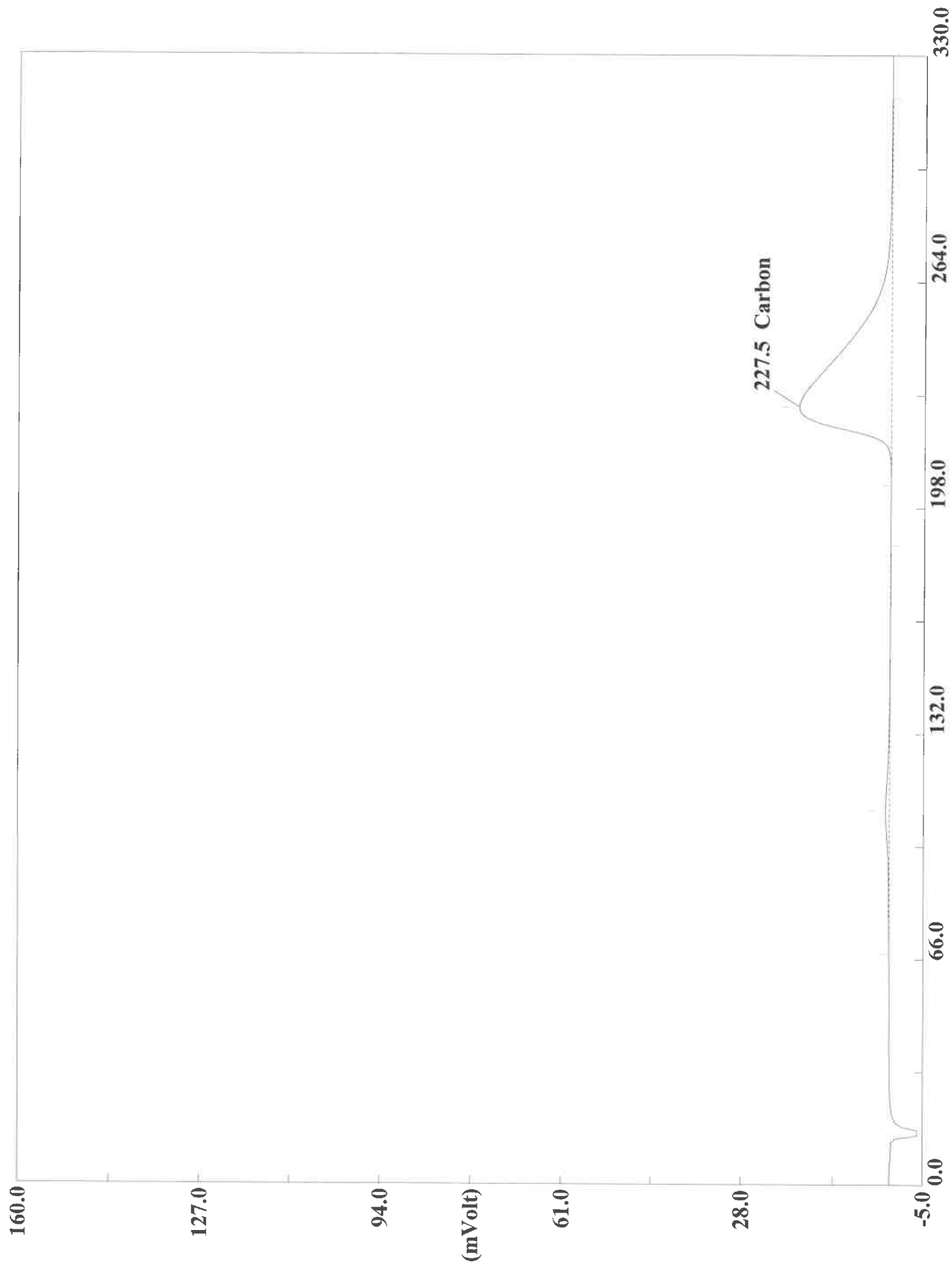
Page: 1 Sample: 180-111287-A-38 MSD (A093020060)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020060
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:05 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 MSD (# 71)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6594	229	4370827	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020061.DAT

Sample name :180-11287-A-38 MSD Analysed :09/30/2020 20:11

Eager 300 Report

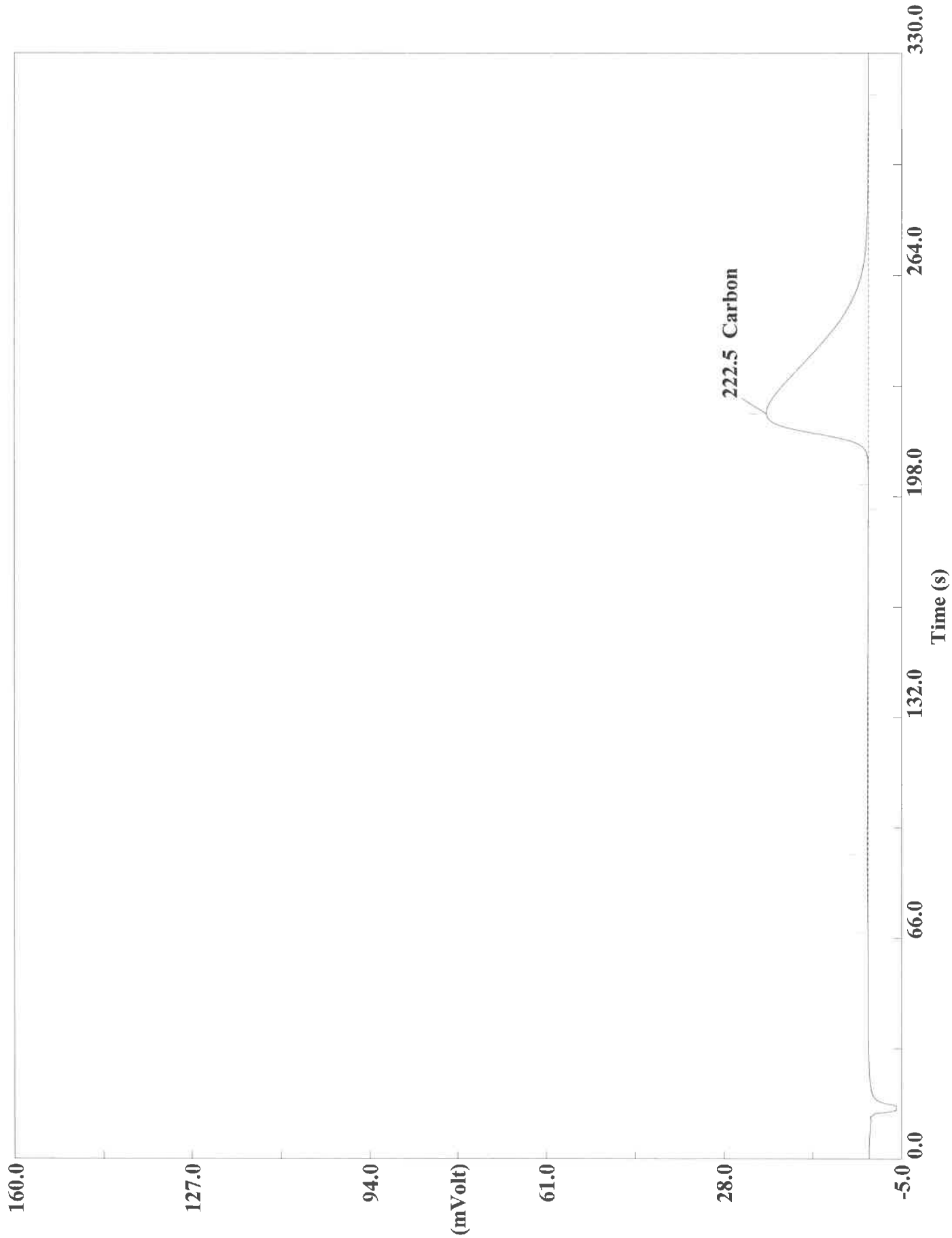
Page: 1 Sample: 180-111287-A-38 MSD (A093020061)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020061
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:11 Printed : 10/1/2020 06:57
Sample ID : 180-111287-A-38 MSD (# 72)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6065	228	4420341	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020063.DAT
Sample name :CCV Analysed :09/30/2020 20:22

Eager 300 Report

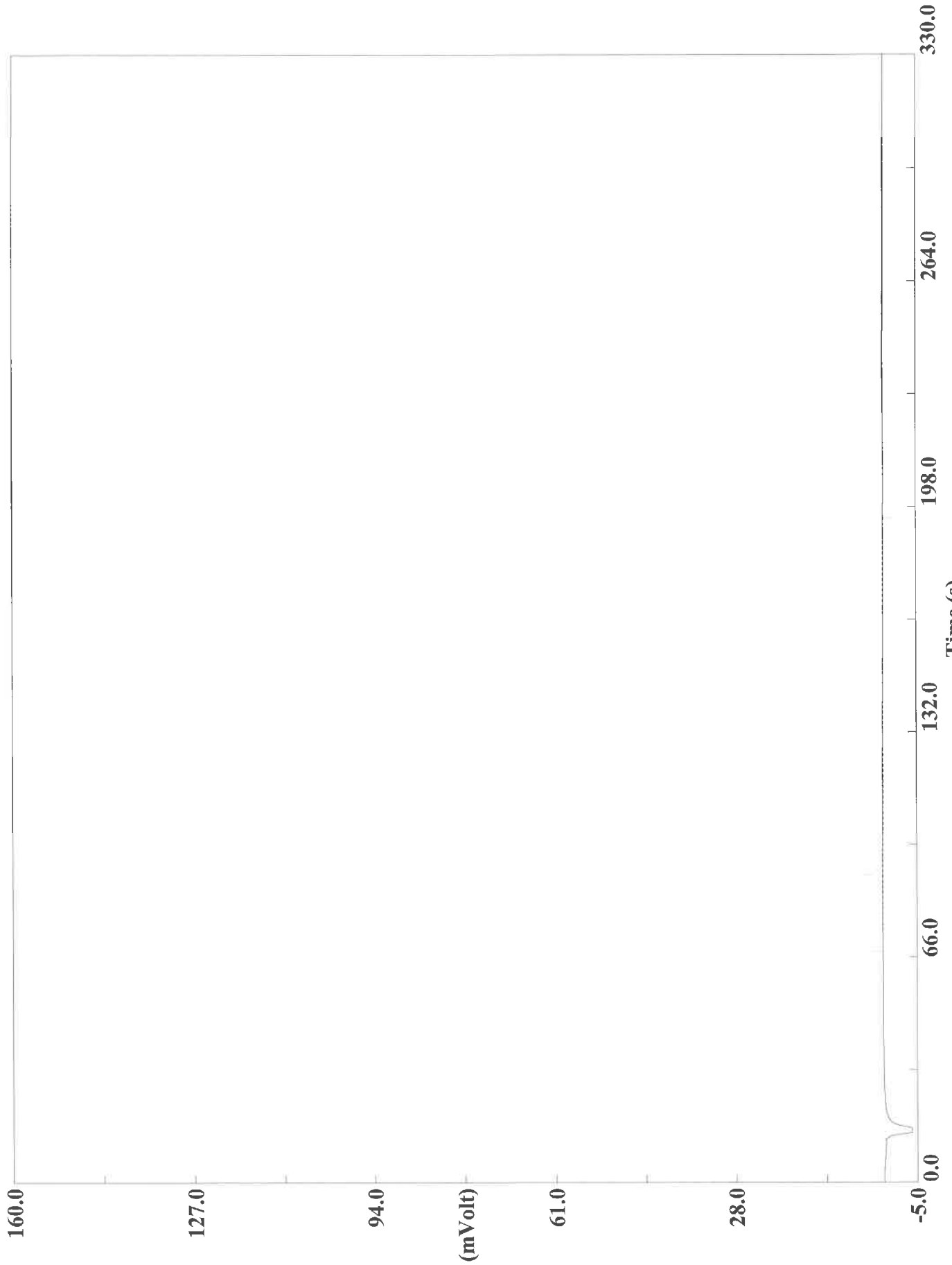
Page: 1 Sample: CCV (A093020063)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020063
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:22 Printed : 10/1/2020 06:57
Sample ID : CCV (# 74)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9950	223	5171587	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020064.DAT
Sample name :CCB Analysed :09/30/2020 20:27

Eager 300 Report

Page: 1 Sample: CCB (A093020064)

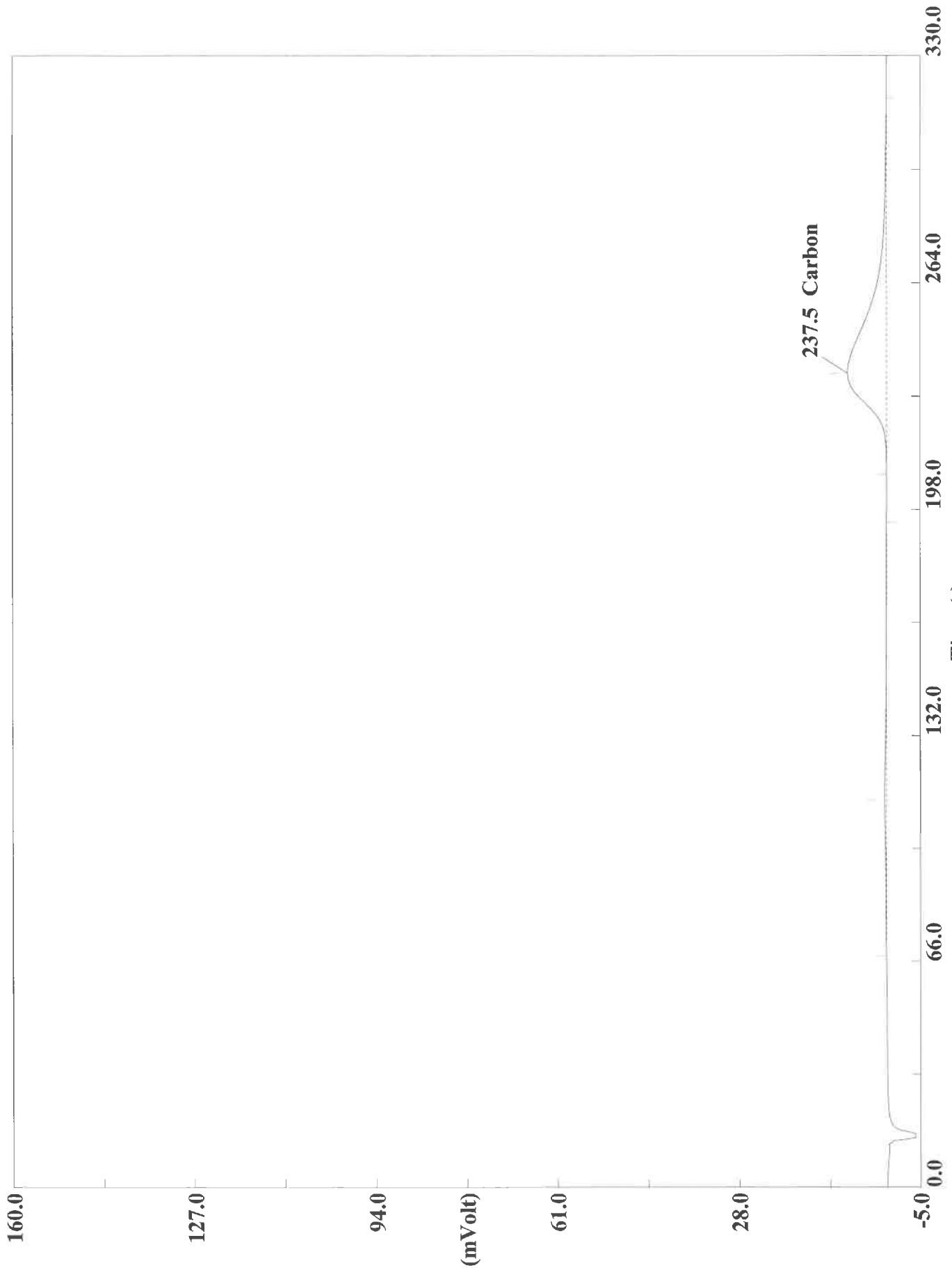
Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020064
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:27 Printed : 10/1/2020 06:58
Sample ID : CCB (# 75)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020065.DAT

Sample name :180-111287-A-40 Analysed :09/30/2020 20:33

Eager 300 Report

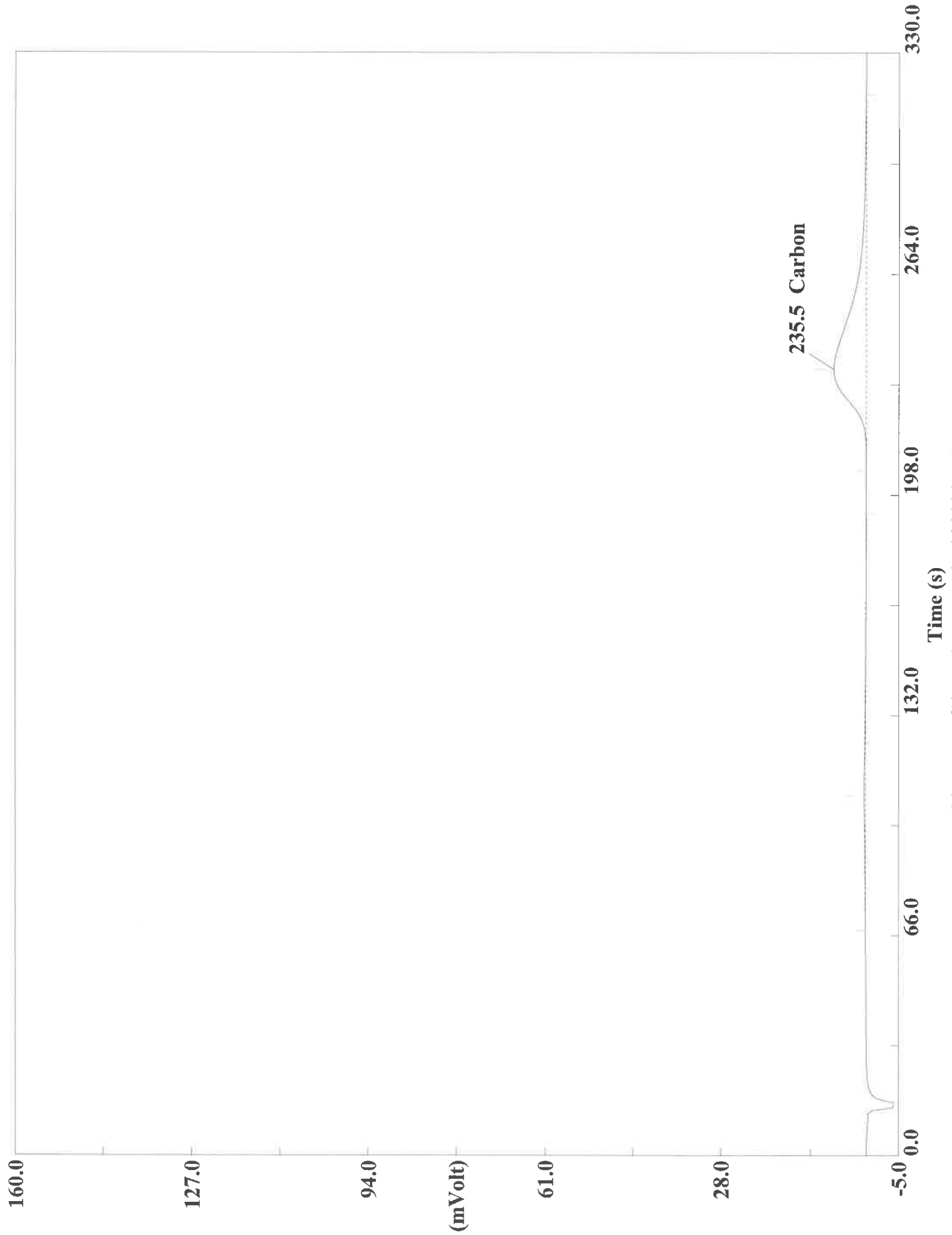
Page: 1 Sample: 180-111287-A-40 (A093020065)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020065
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:33 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-40 (# 76)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6940	238	2046088	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020066.DAT

Sample name : 180-111287-A-40 Analysed : 09/30/2020 20:38

Eager 300 Report

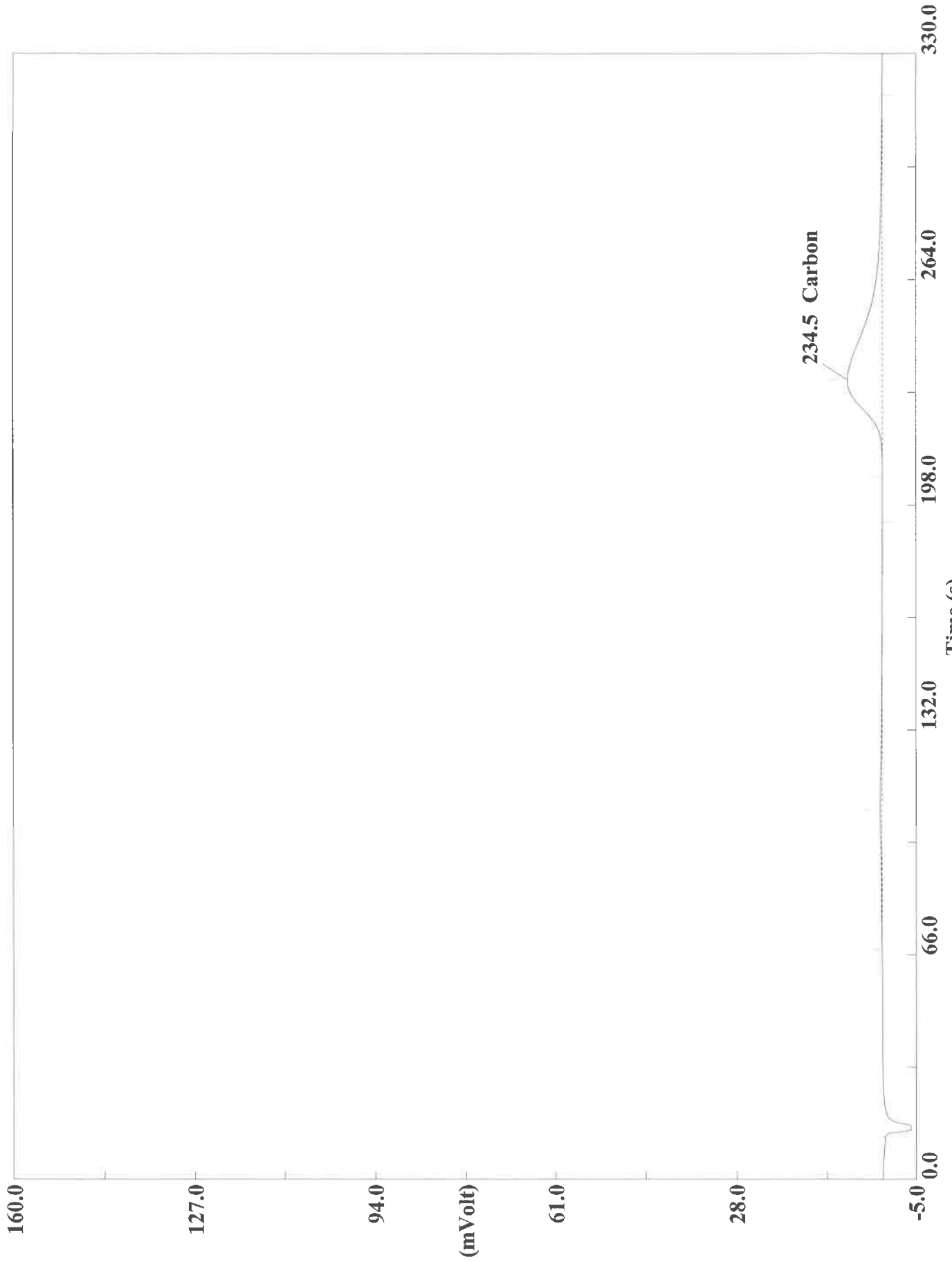
Page: 1 Sample: 180-111287-A-40 (A093020066)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020066
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:38 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-40 (# 77)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8273	236	1884542	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020068.DAT

Sample name :180-111287-A-41 Analysed :09/30/2020 20:50

Eager 300 Report

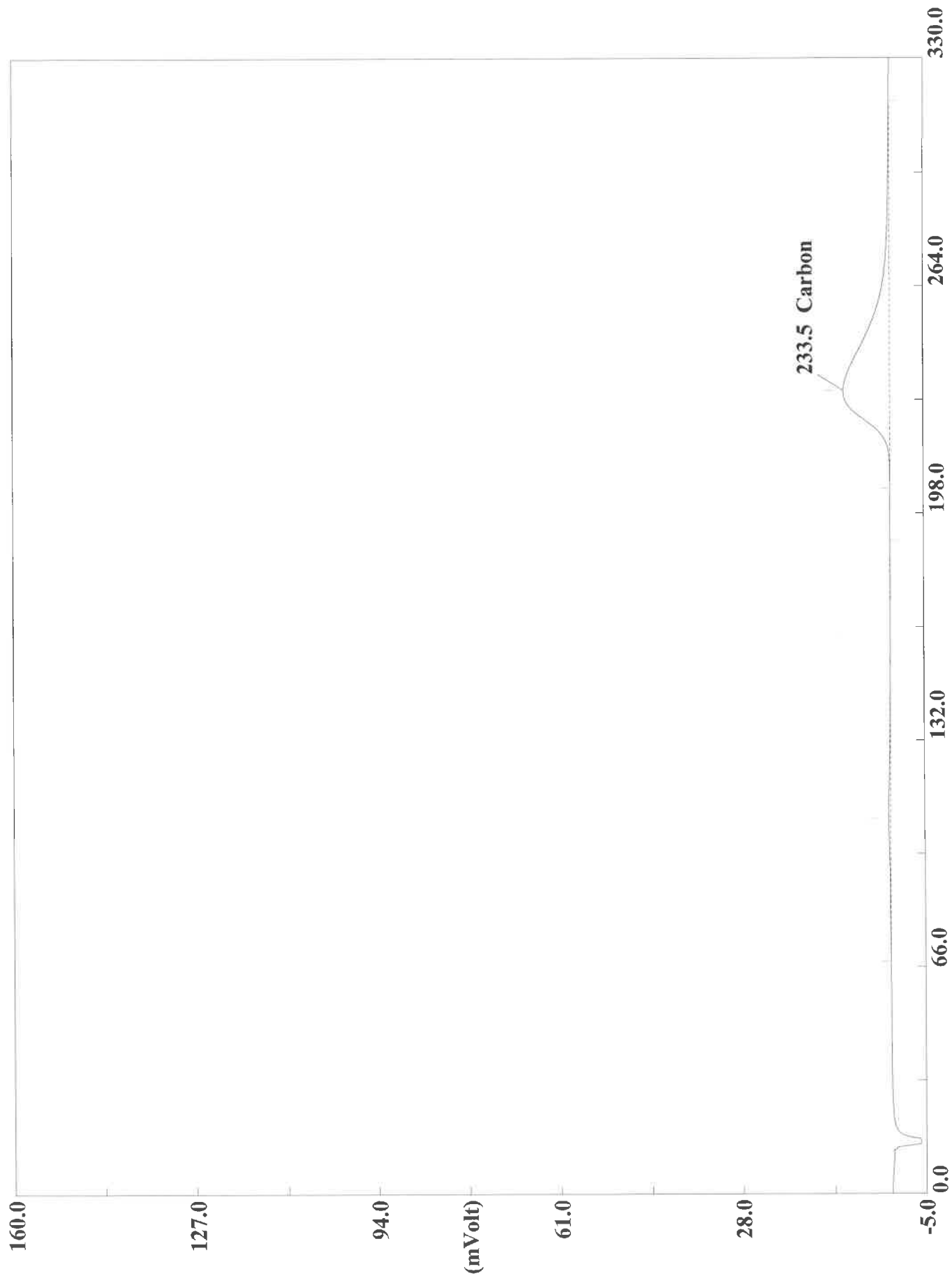
Page: 1 Sample: 180-111287-A-41 (A093020068)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020068
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:50 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-41 (# 79)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8012	235	1847909	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020069.DAT

Sample name : 180-111287-A-41 Analysed : 09/30/2020 20:55

Eager 300 Report

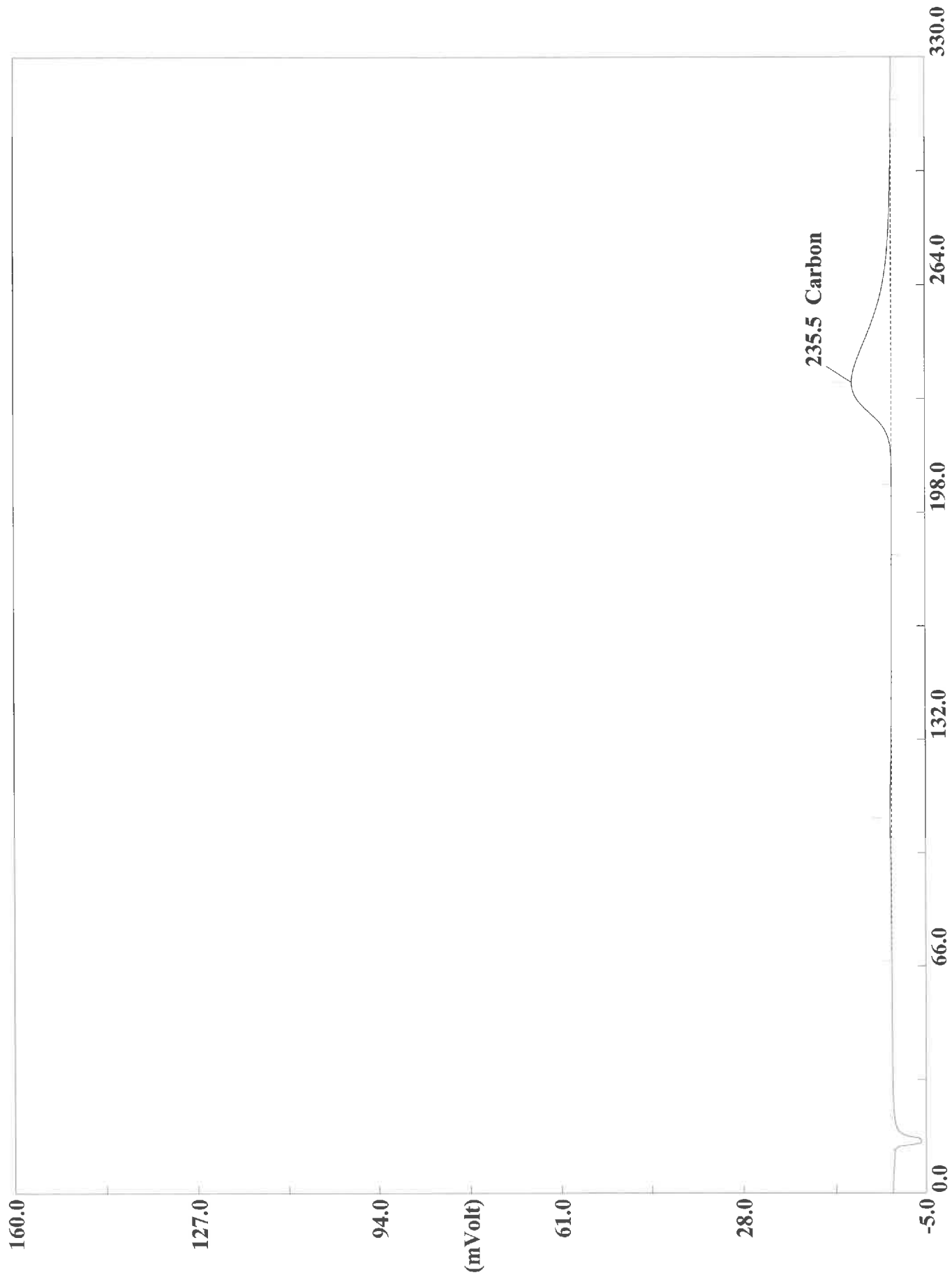
Page: 1 Sample: 180-111287-A-41 (A093020069)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020069
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 20:55 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-41 (# 80)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0570	234	2392921	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020071.DAT
Sample name : 180-111287-A-42 Analysed : 09/30/2020 21:06

Eager 300 Report

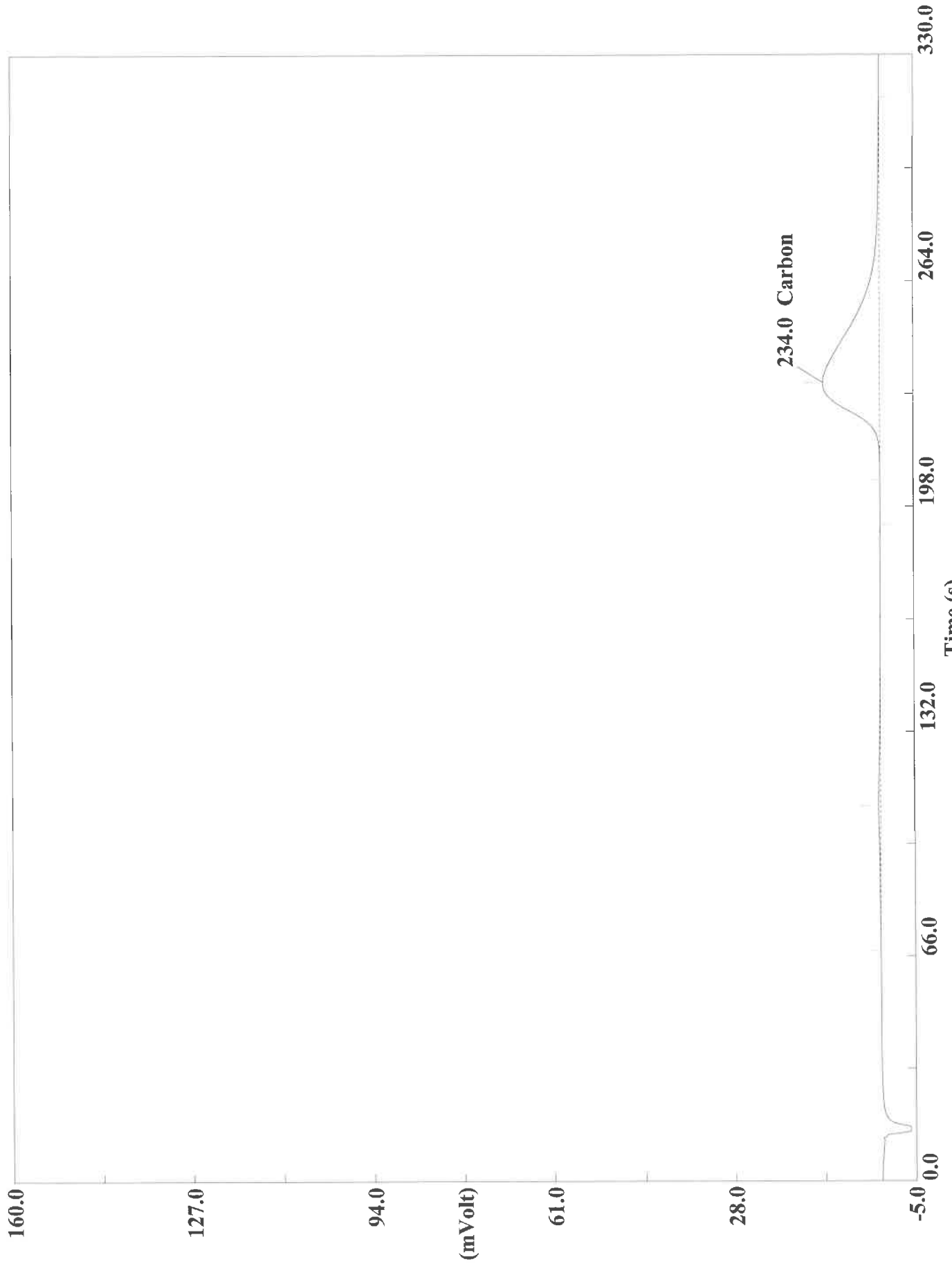
Page: 1 Sample: 180-111287-A-42 (A093020071)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020071
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:06 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-42 (# 82)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1419	236	2157174	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020072.DAT

Sample name :180-111287-A-42 Analysed :09/30/2020 21:12

Eager 300 Report

Page: 1 Sample: 180-111287-A-42 (A093020072)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020072
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:12 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-42 (# 83)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5714	234	2916593	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020074.DAT

Sample name : 180-111287-A-43 Analysed : 09/30/2020 21:23

Eager 300 Report

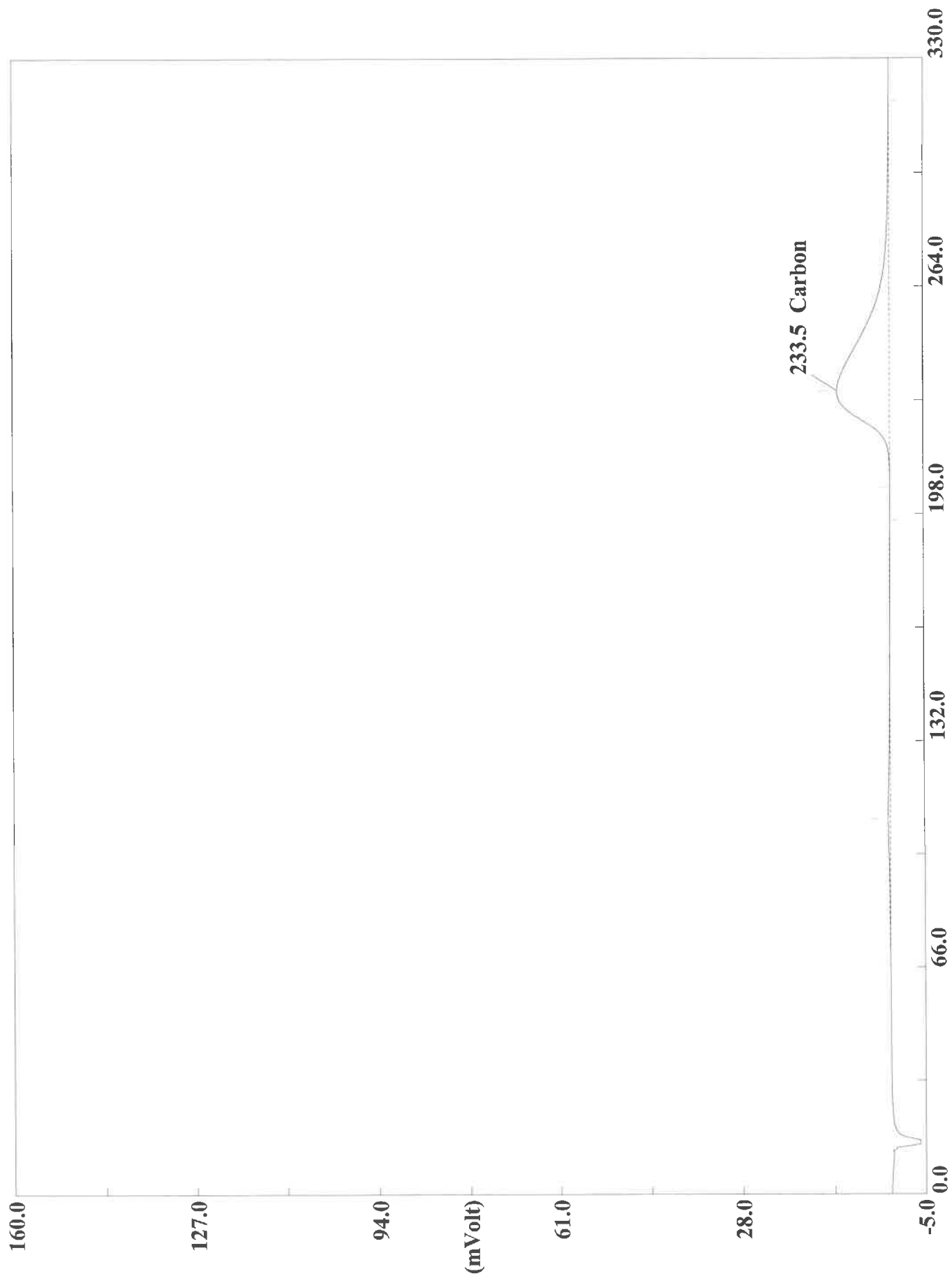
Page: 1 Sample: 180-111287-A-43 (A093020074)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020074
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:23 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-43 (# 85)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1062	237	2131741	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020075.DAT
Sample name :180-111287-A-43 Analysed :09/30/2020 21:29

Eager 300 Report

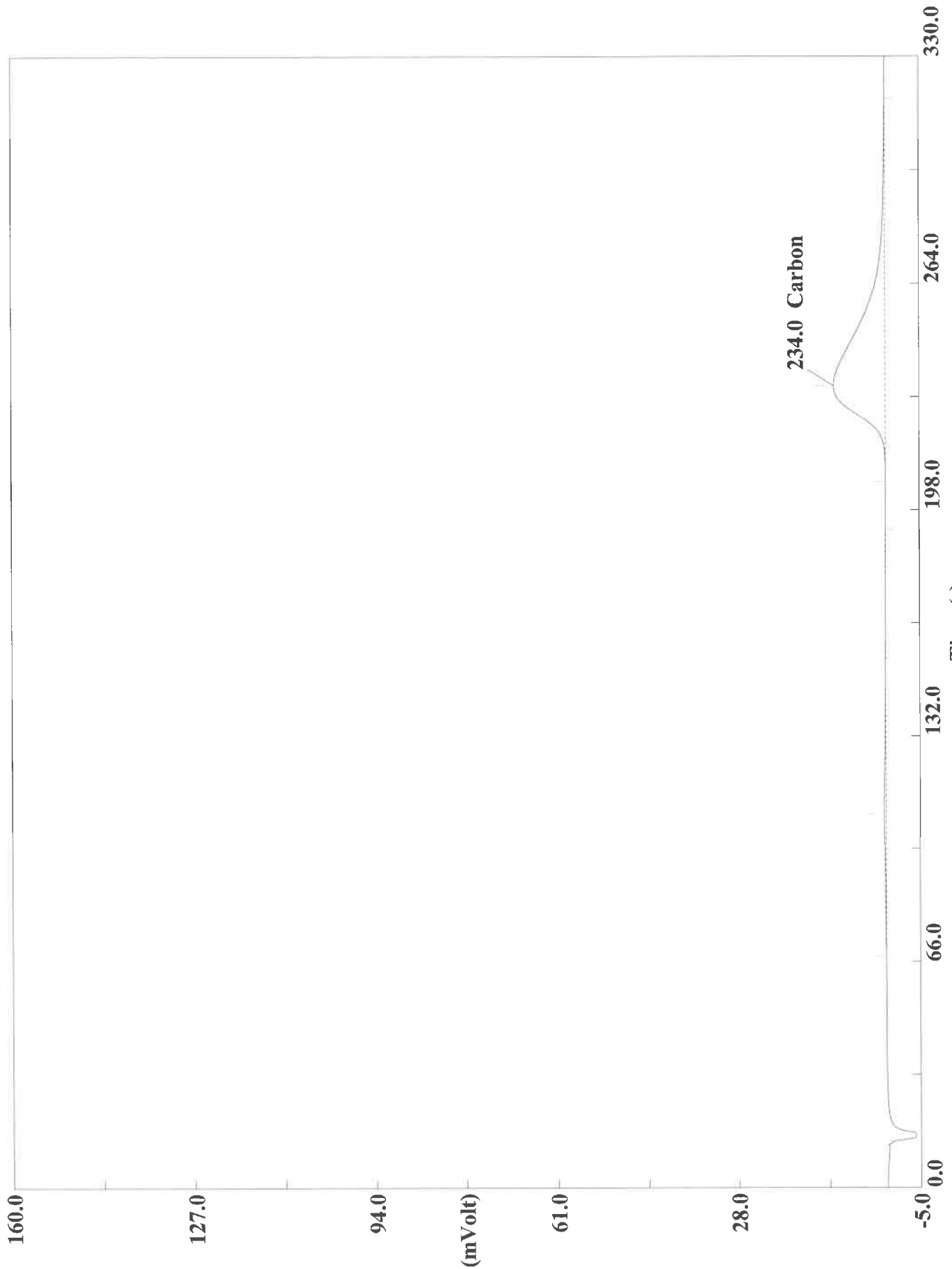
Page: 1 Sample: 180-111287-A-43 (A093020075)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020075
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:29 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-43 (# 86)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3847	234	2740513	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020077.DAT
Sample name :180-111287-A-44 Analysed :09/30/2020 21:40

Eager 300 Report

Page: 1 Sample: 180-111287-A-44 (A093020077)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020077
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:40 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-44 (# 88)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2359	234	2719750	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020078.DAT

Sample name :180-111287-A-44 Analysed :09/30/2020 21:45

Eager 300 Report

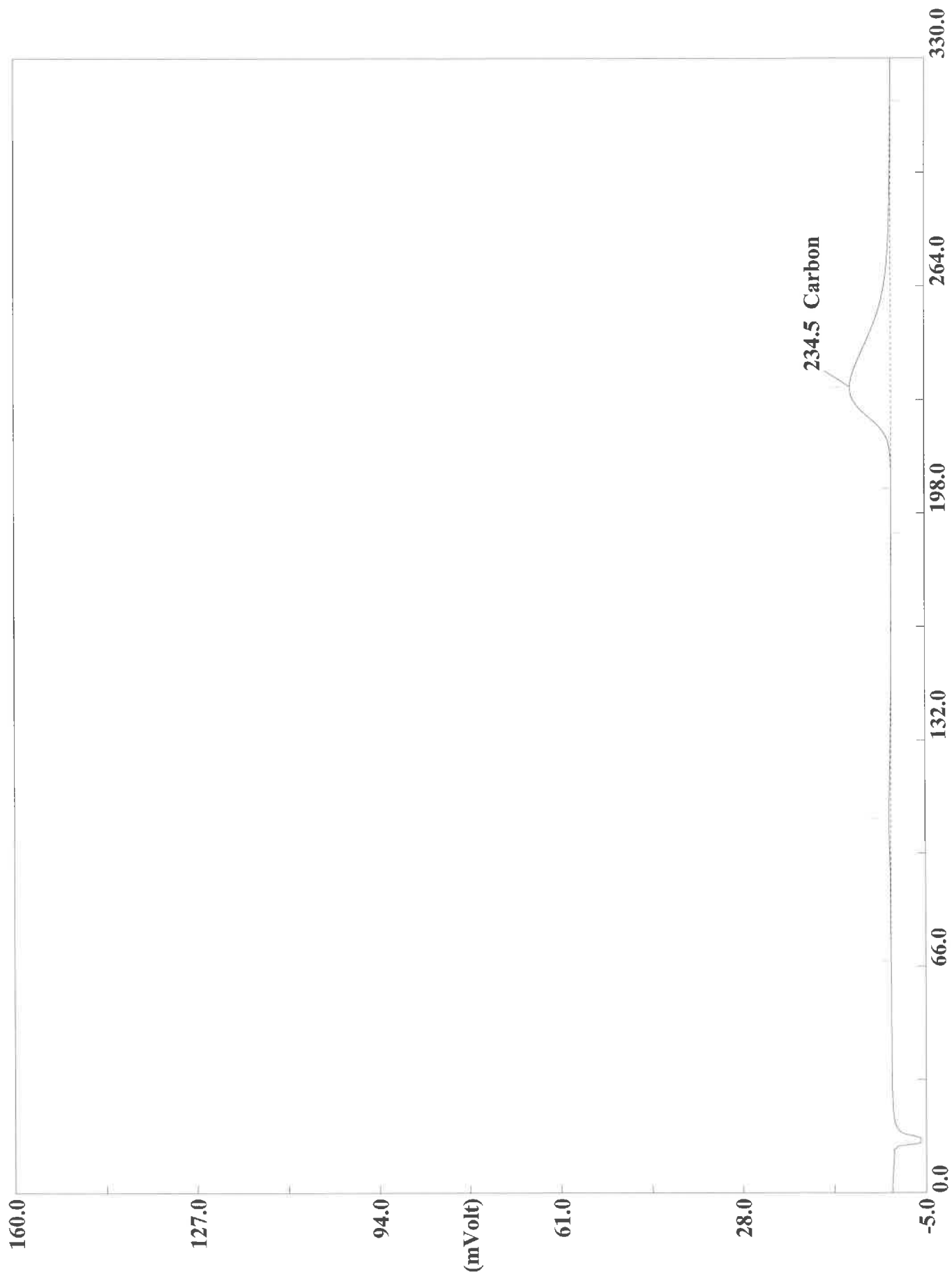
Page: 1 Sample: 180-111287-A-44 (A093020078)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020078
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:45 Printed : 10/1/2020 06:58
Sample ID : 180-111287-A-44 (# 89)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1029	235	2139346	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020080.DAT

Sample name :180-111287-A-45 Analysed :09/30/2020 21:57

Eager 300 Report

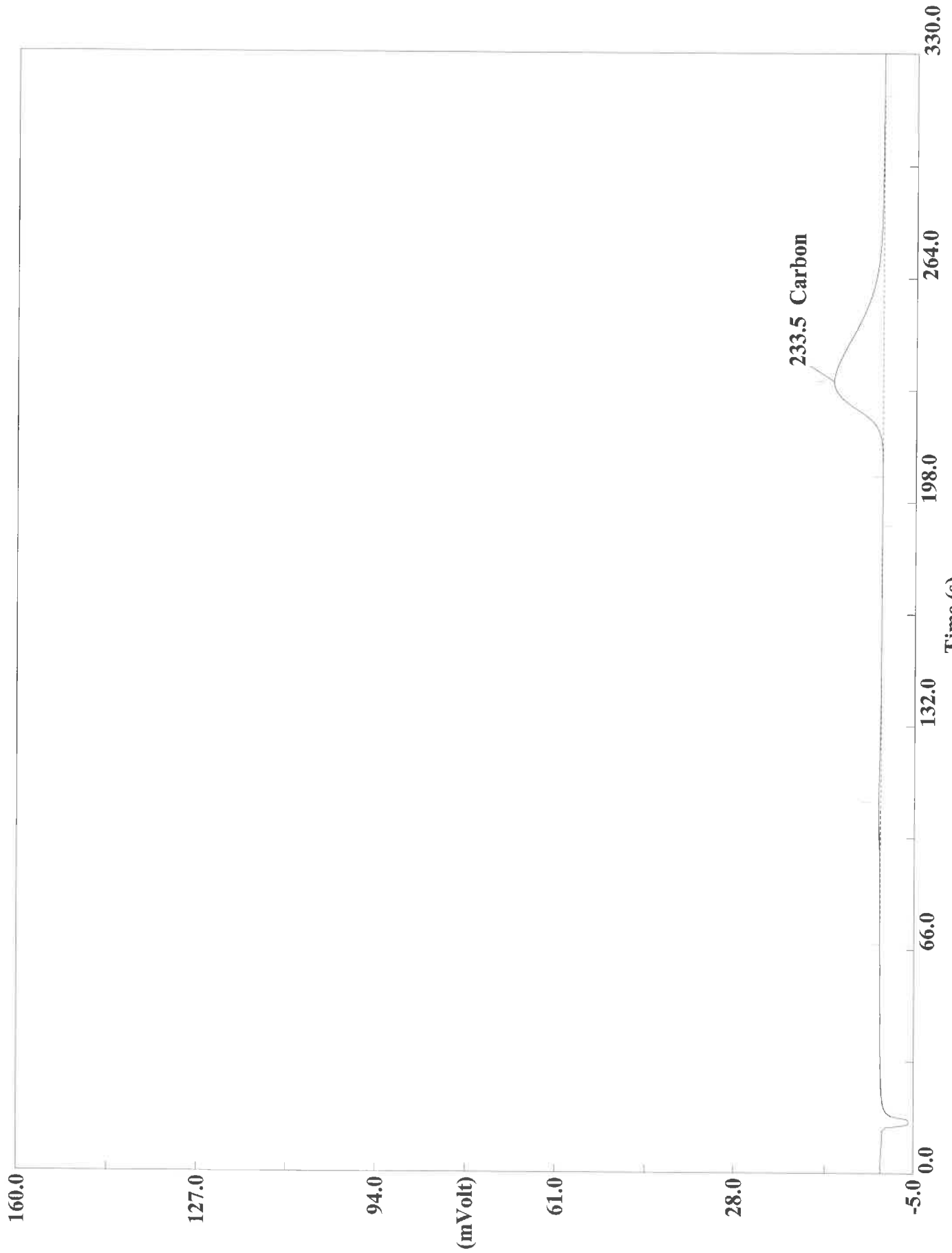
Page: 1 Sample: 180-111287-A-45 (A093020080)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020080
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 21:57 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-45 (# 91)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8884	235	2066674	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020081.DAT
Sample name :180-111287-A-45 Analysed :09/30/2020 22:02

Eager 300 Report

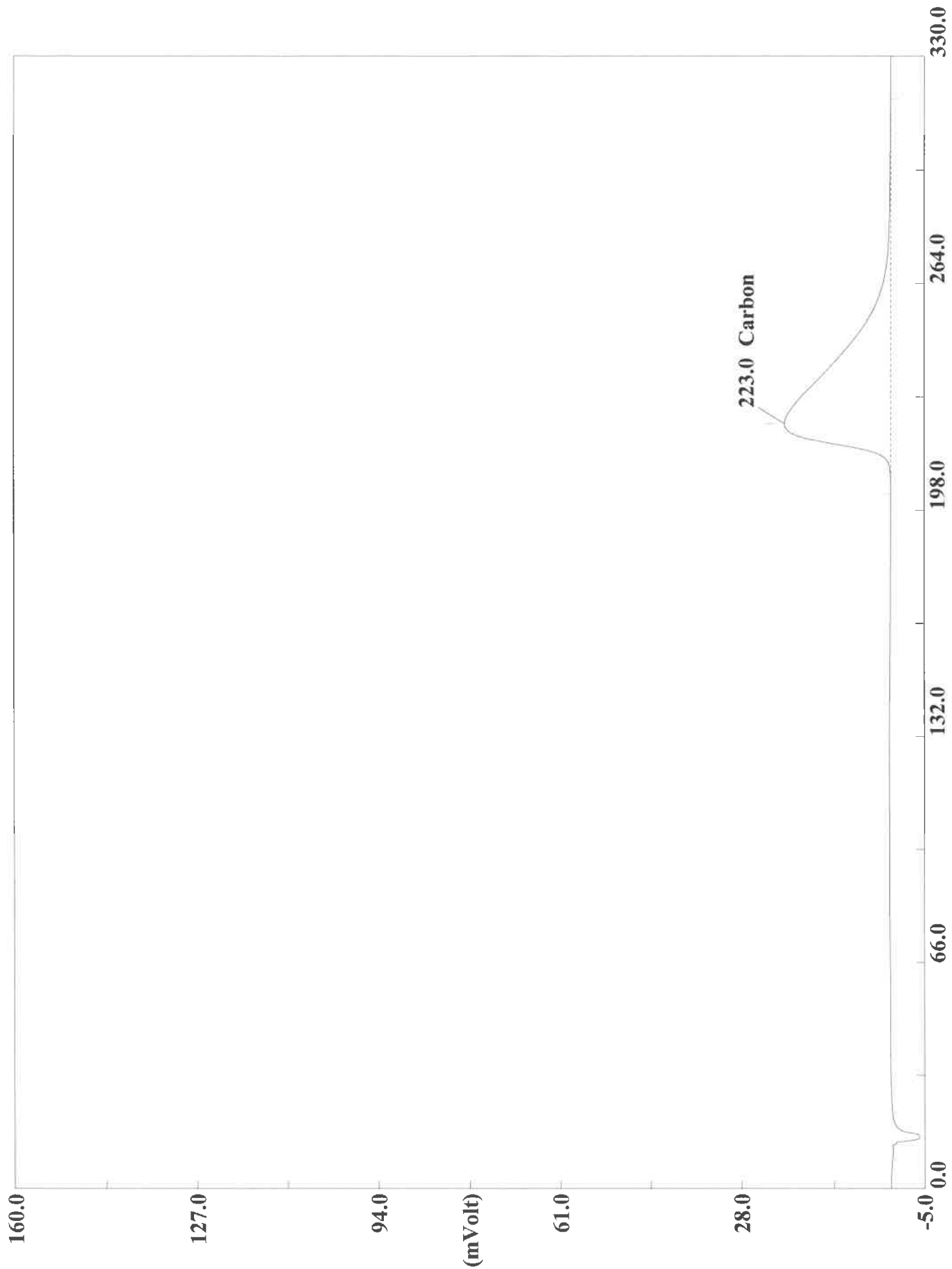
Page: 1 Sample: 180-111287-A-45 (A093020081)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020081
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:02 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-45 (# 92)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0934	234	2490315	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020083.DAT
Sample name :CCV Analysed :09/30/2020 22:13

Eager 300 Report

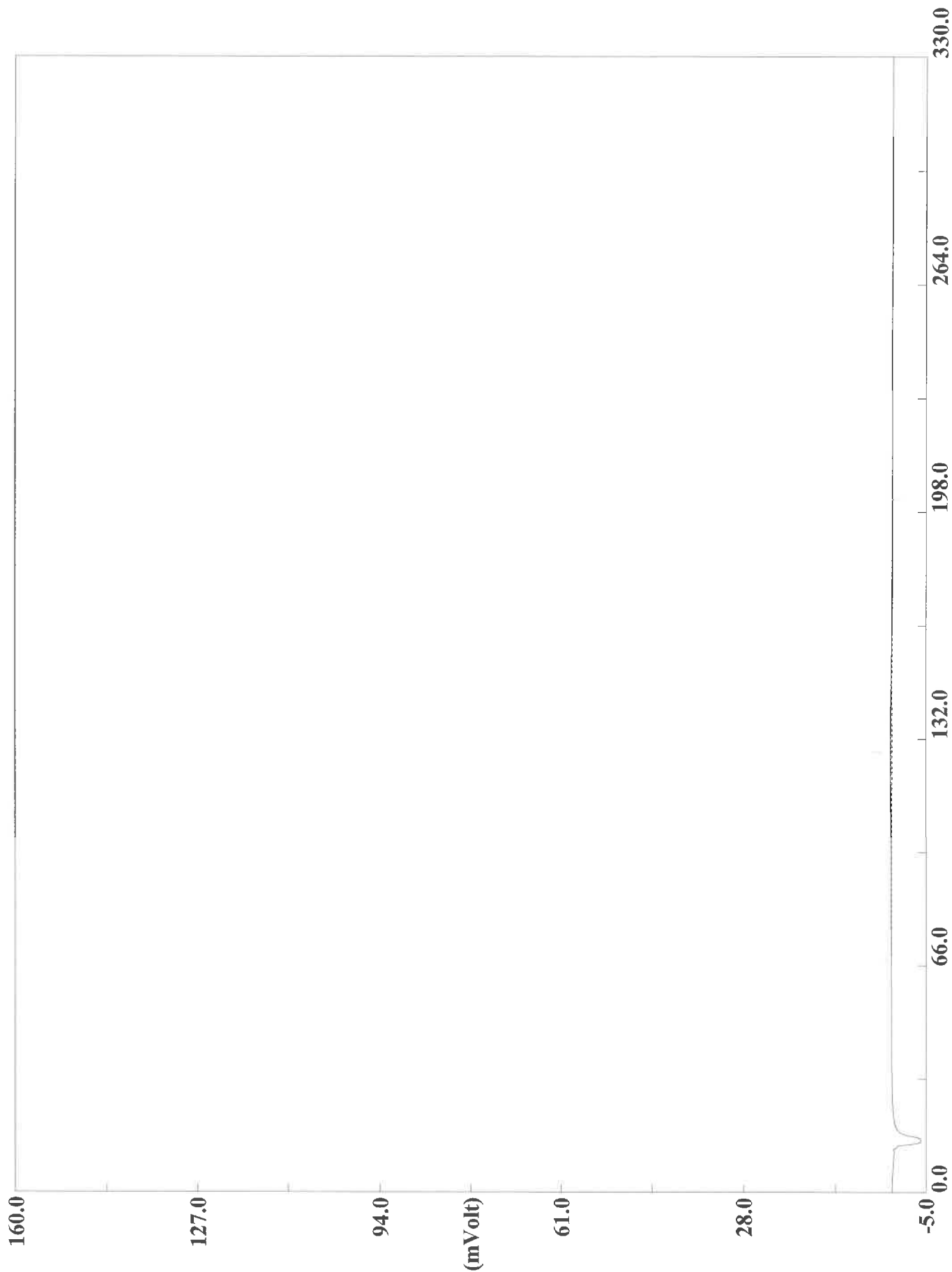
Page: 1 Sample: CCV (A093020083)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020083
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:13 Printed : 10/1/2020 06:59
Sample ID : CCV (# 94)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9950	223	5171546	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020084.DAT
Sample name :CCB Analysed :09/30/2020 22:19

Eager 300 Report

Page: 1 Sample: CCB (A093020084)

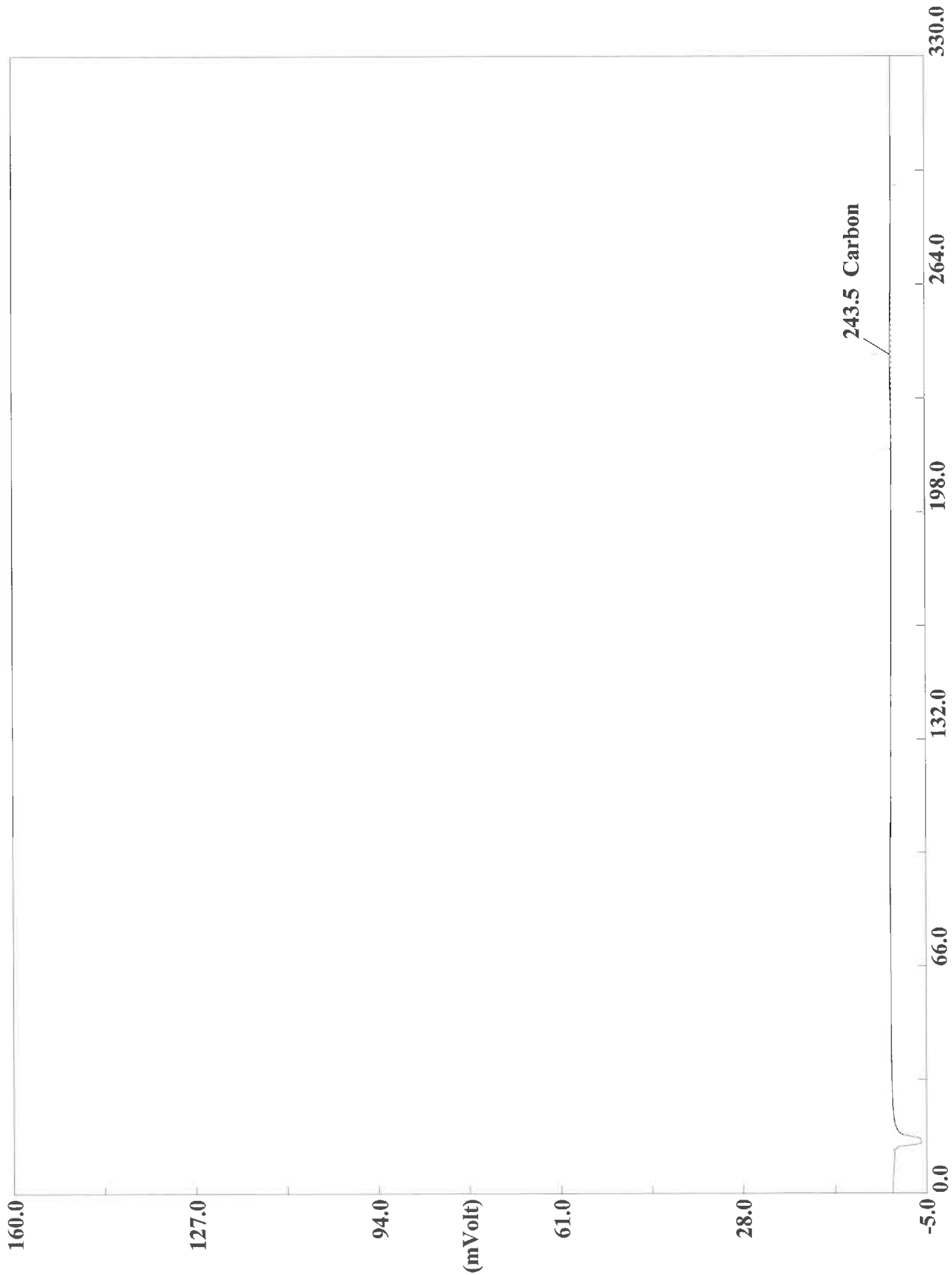
Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020084
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:19 Printed : 10/1/2020 06:59
Sample ID : CCB (# 95)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020085.DAT
Sample name :MB Analysed :09/30/2020 22:24

Eager 300 Report

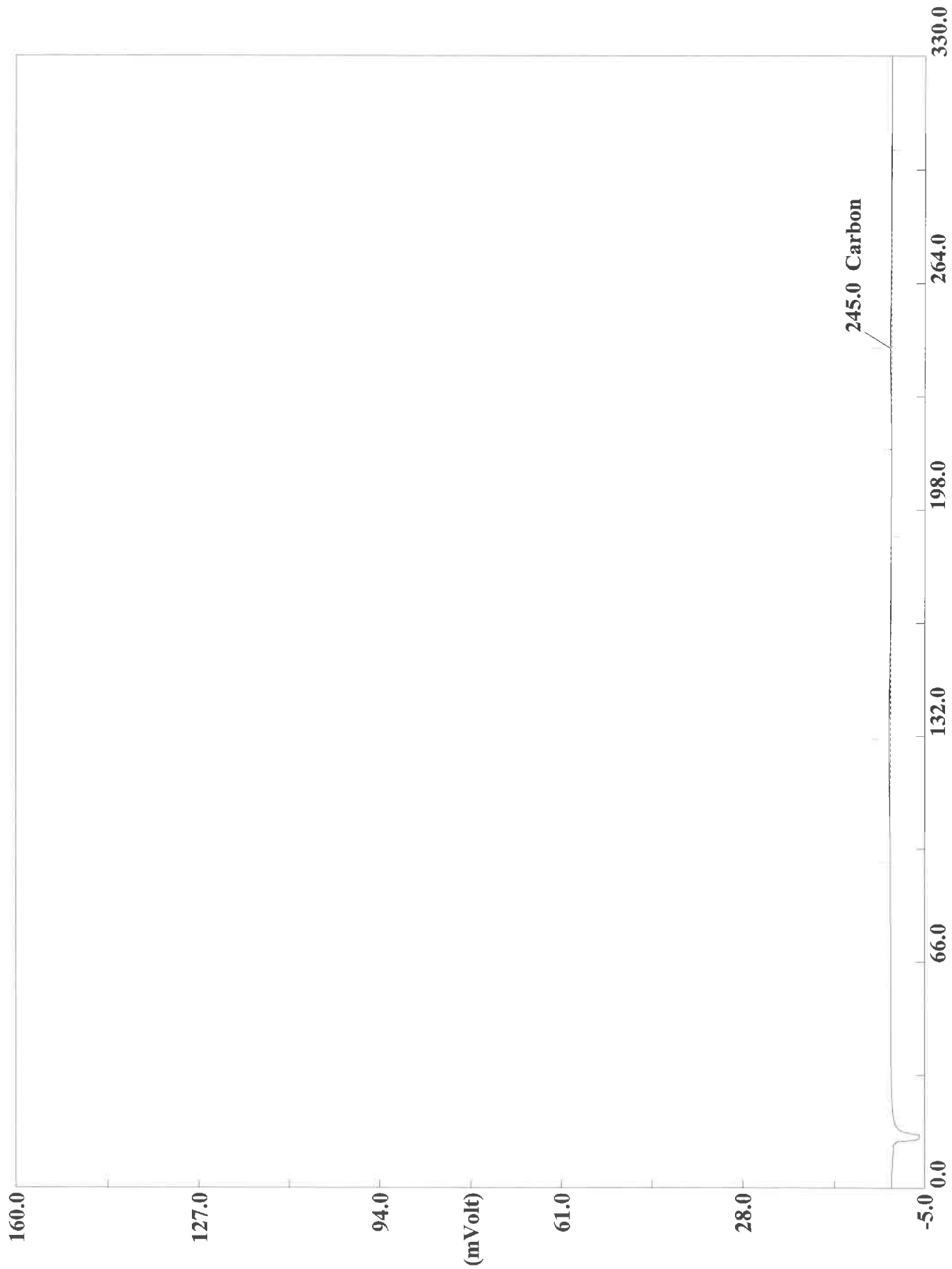
Page: 1 Sample: MB (A093020085)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020085
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:24 Printed : 10/1/2020 06:59
Sample ID : MB (# 96)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0773	244	64386	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020086.DAT
Sample name :MB Analysed :09/30/2020 22:30

Eager 300 Report

Page: 1 Sample: MB (A093020086)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020086
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:30 Printed : 10/1/2020 06:59
Sample ID : MB (# 97)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0688	245	67311	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020087.DAT
Sample name :LCS Analysed :09/30/2020 22:36

Eager 300 Report

Page: 1 Sample: LCS (A093020087)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020087
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:36 Printed : 10/1/2020 06:59
Sample ID : LCS (# 98)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2031	237	1581899	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020088.DAT
Sample name :LCS Analysed :09/30/2020 22:41

Eager 300 Report

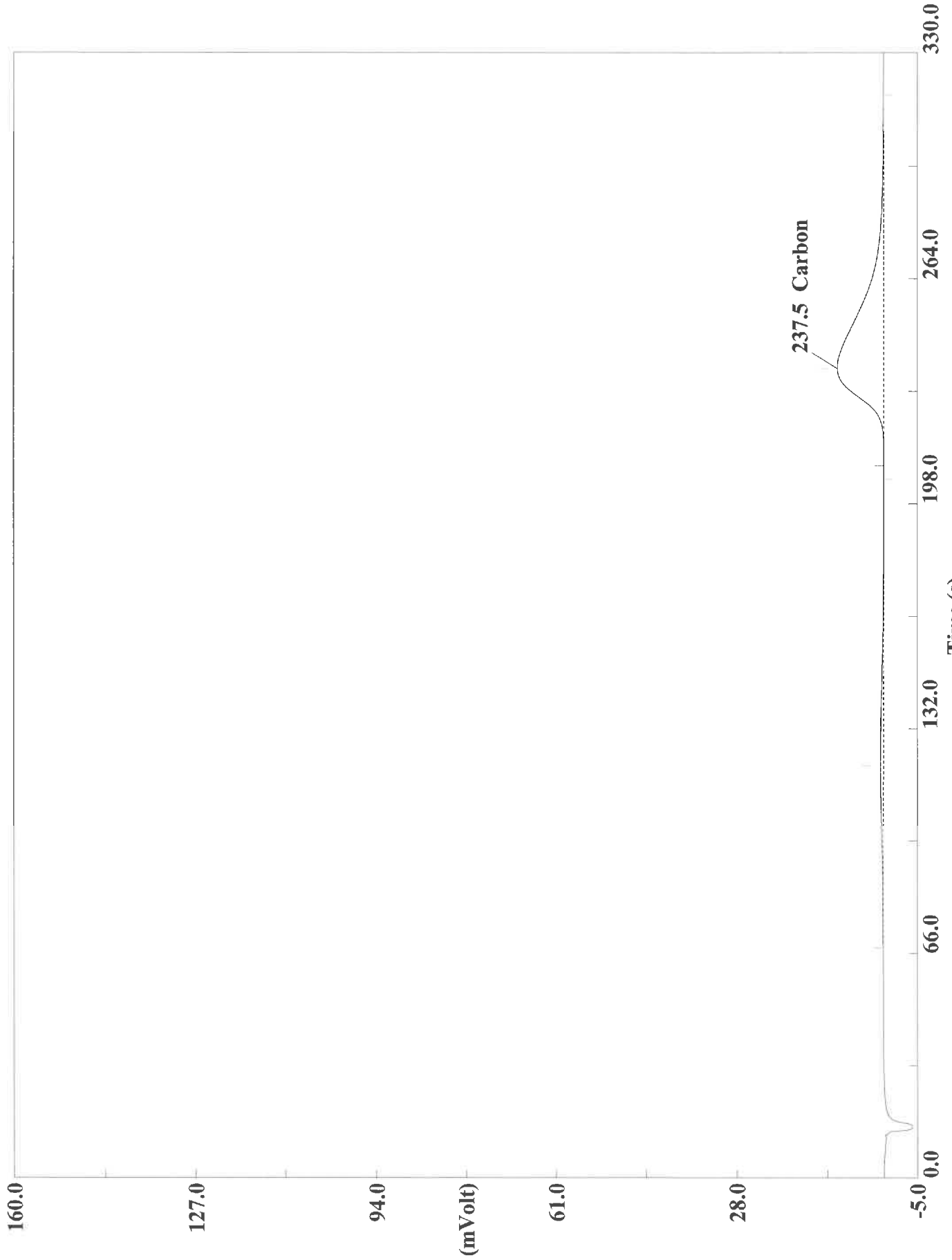
Page: 1 Sample: LCS (A093020088)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020088
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:41 Printed : 10/1/2020 06:59
Sample ID : LCS (# 99)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9630	237	1616267	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020089.DAT

Sample name : 180-111287-A-39 Analysed : 09/30/2020 22:47

Eager 300 Report

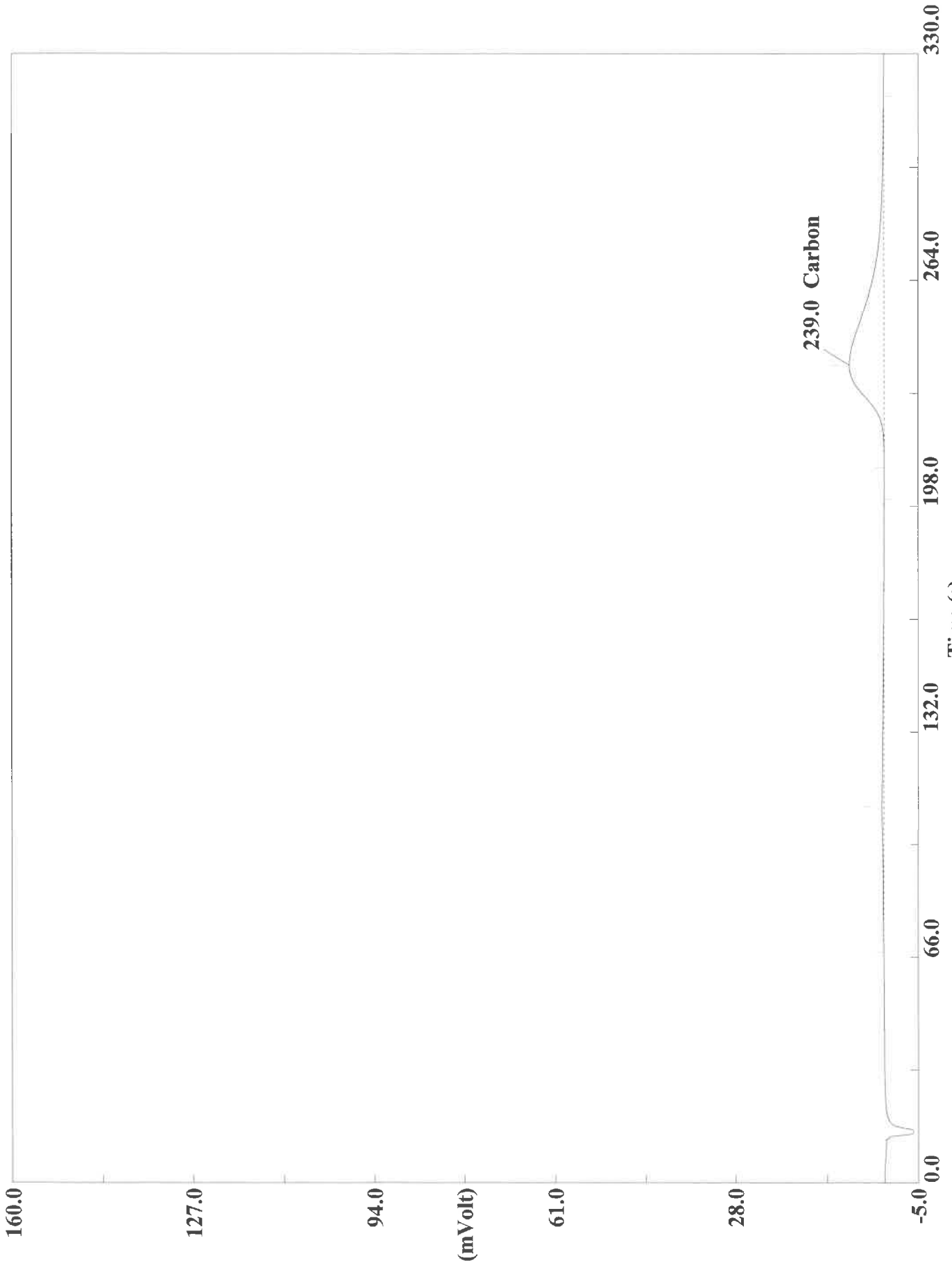
Page: 1 Sample: 180-111287-A-39 (A093020089)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020089
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:47 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-39 (# 100)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9397	238	2447525	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020090.DAT
Sample name : 180-111287-A-39 Analysed : 09/30/2020 22:52

Eager 300 Report

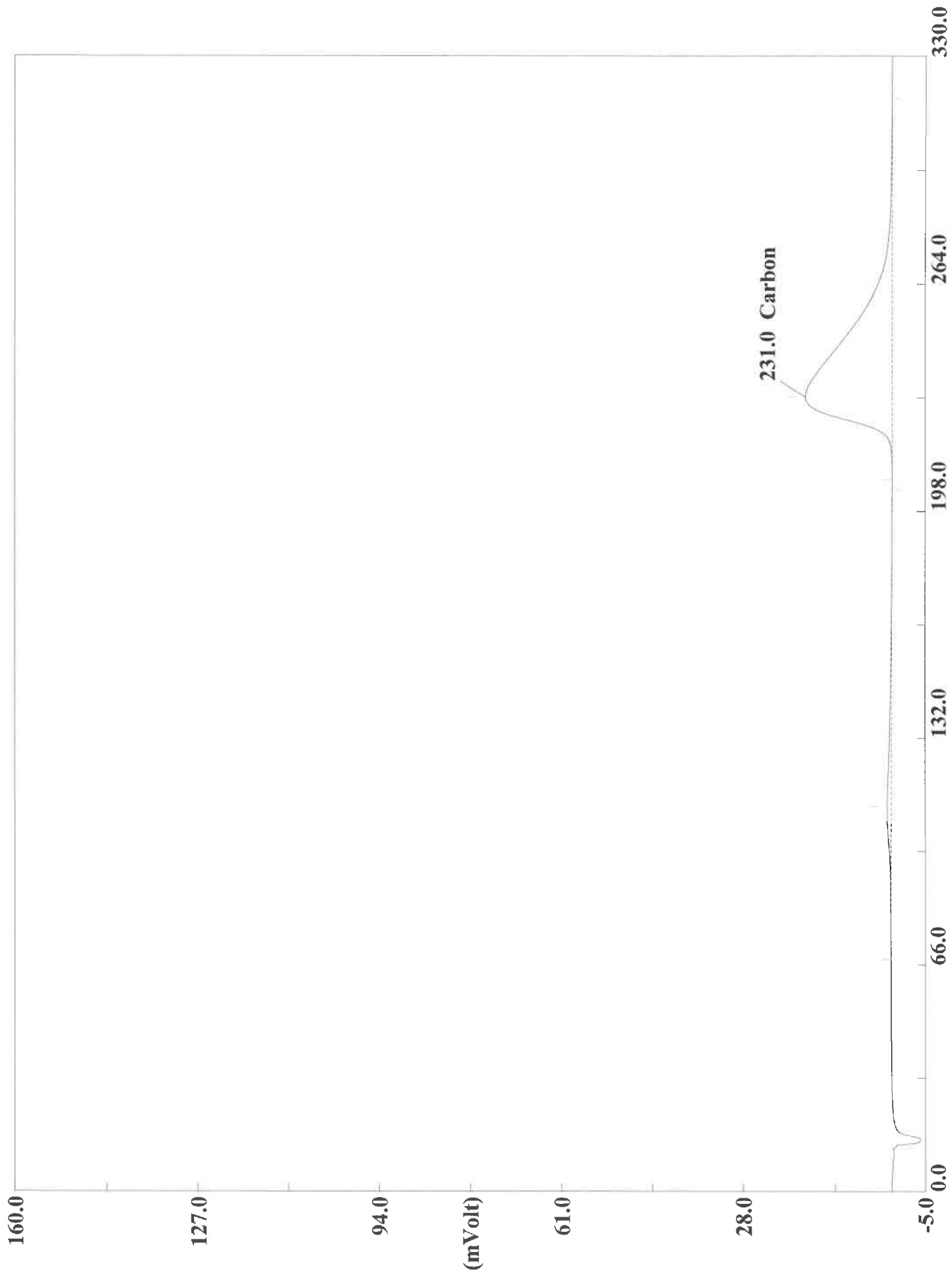
Page: 1 Sample: 180-111287-A-39 (A093020090)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020090
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 22:52 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-39 (# 101)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8465	239	1962443	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020092.DAT
Sample name : 180-111287-A-39 MS Analysed : 09/30/2020 23:04

Eager 300 Report

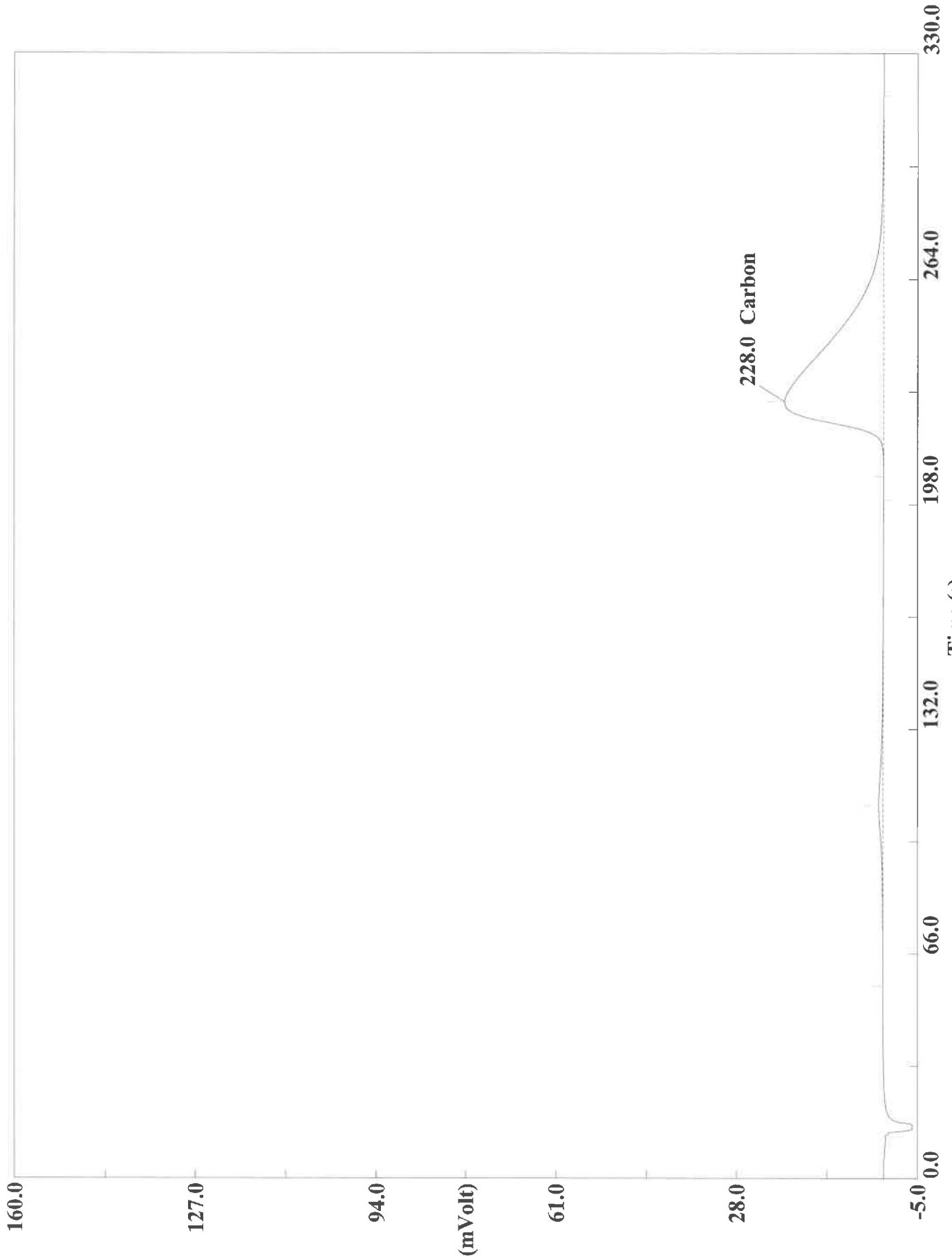
Page: 1 Sample: 180-111287-A-39 MS (A093020092)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020092
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:04 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-39 MS (# 103)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8244	231	4349292	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020093.DAT
Sample name :180-111287-A-39 MS Analysed :09/30/2020 23:09

Eager 300 Report

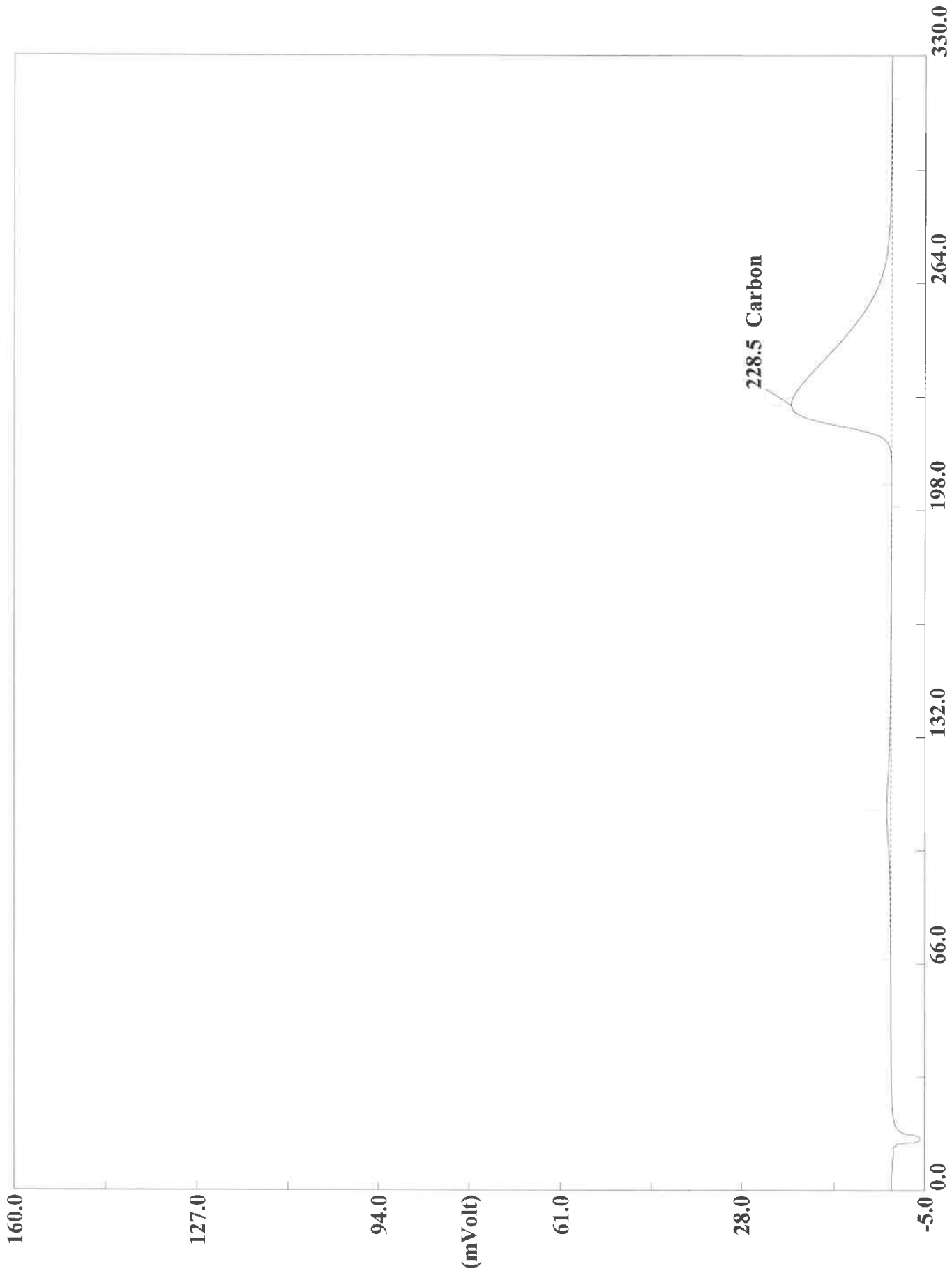
Page: 1 Sample: 180-111287-A-39 MS (A093020093)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020093
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:09 Printed : 10/1/2020 06:59
Sample ID : 180-111287-A-39 MS (# 104)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0415	228	4956304	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020095.DAT
Sample name :180-111287-A-39 MSD Analysed :09/30/2020 23:20

Eager 300 Report

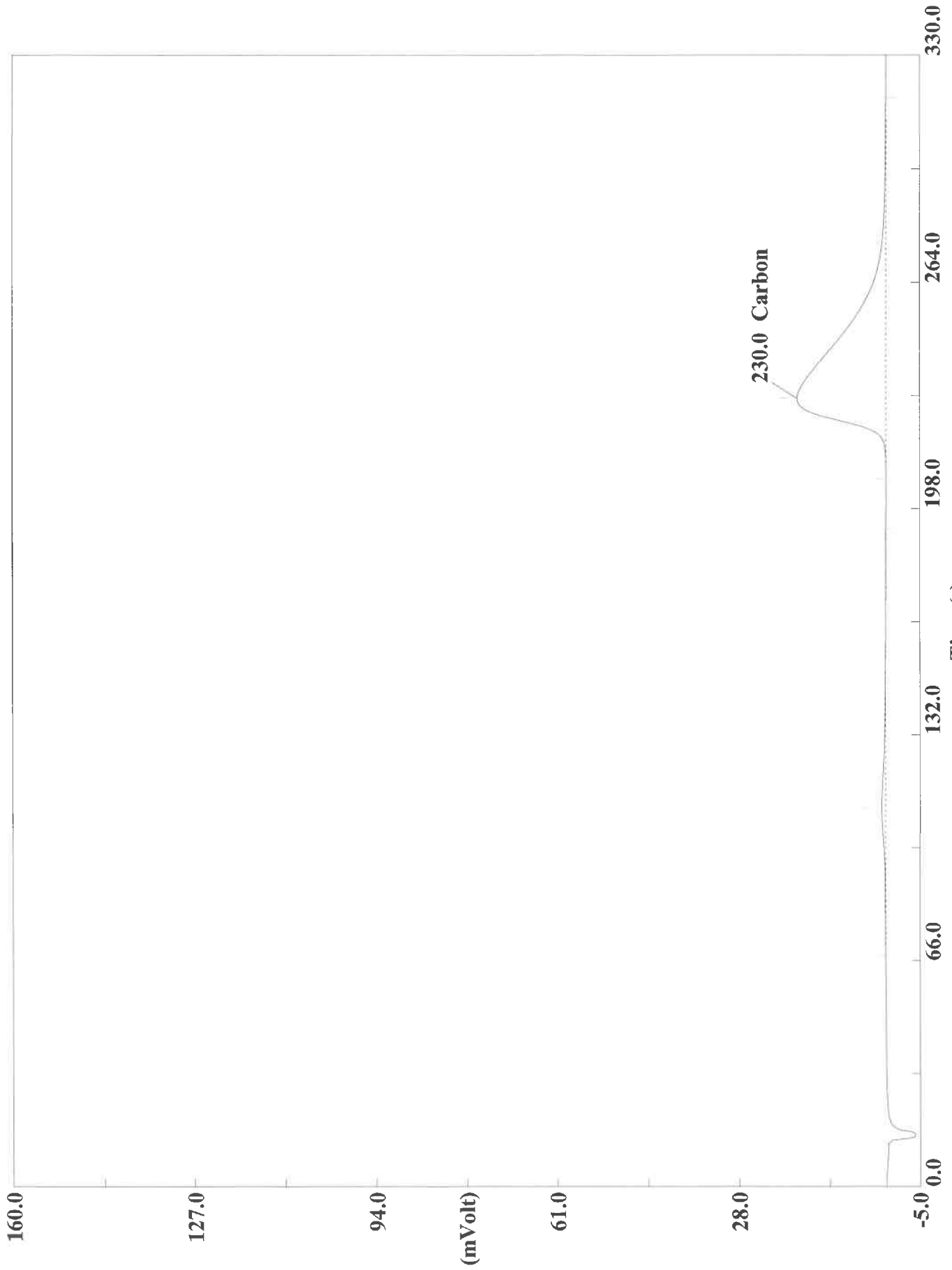
Page: 1 Sample: 180-111287-A-39 MSD (A093020095)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020095
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:20 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-39 MSD (# 106)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8016	229	4859207	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020096.DAT

Sample name :180-111287-A-39 MSD Analysed :09/30/2020 23:26

Eager 300 Report

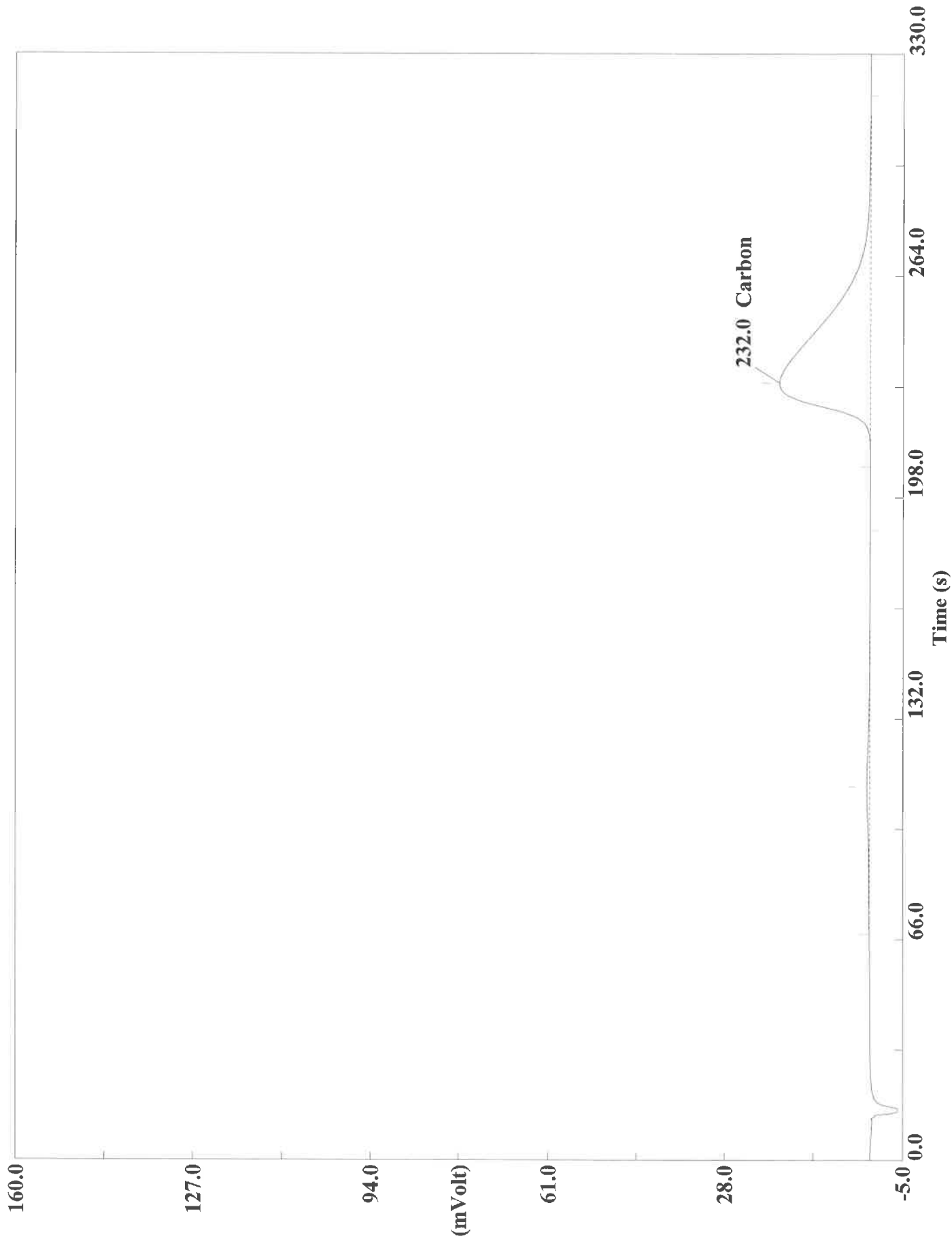
Page: 1 Sample: 180-111287-A-39 MSD (A093020096)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020096
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:26 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-39 MSD (# 107)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8777	230	4369753	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020098.DAT

Sample name :180-111287-A-46 Analysed :09/30/2020 23:37

Eager 300 Report

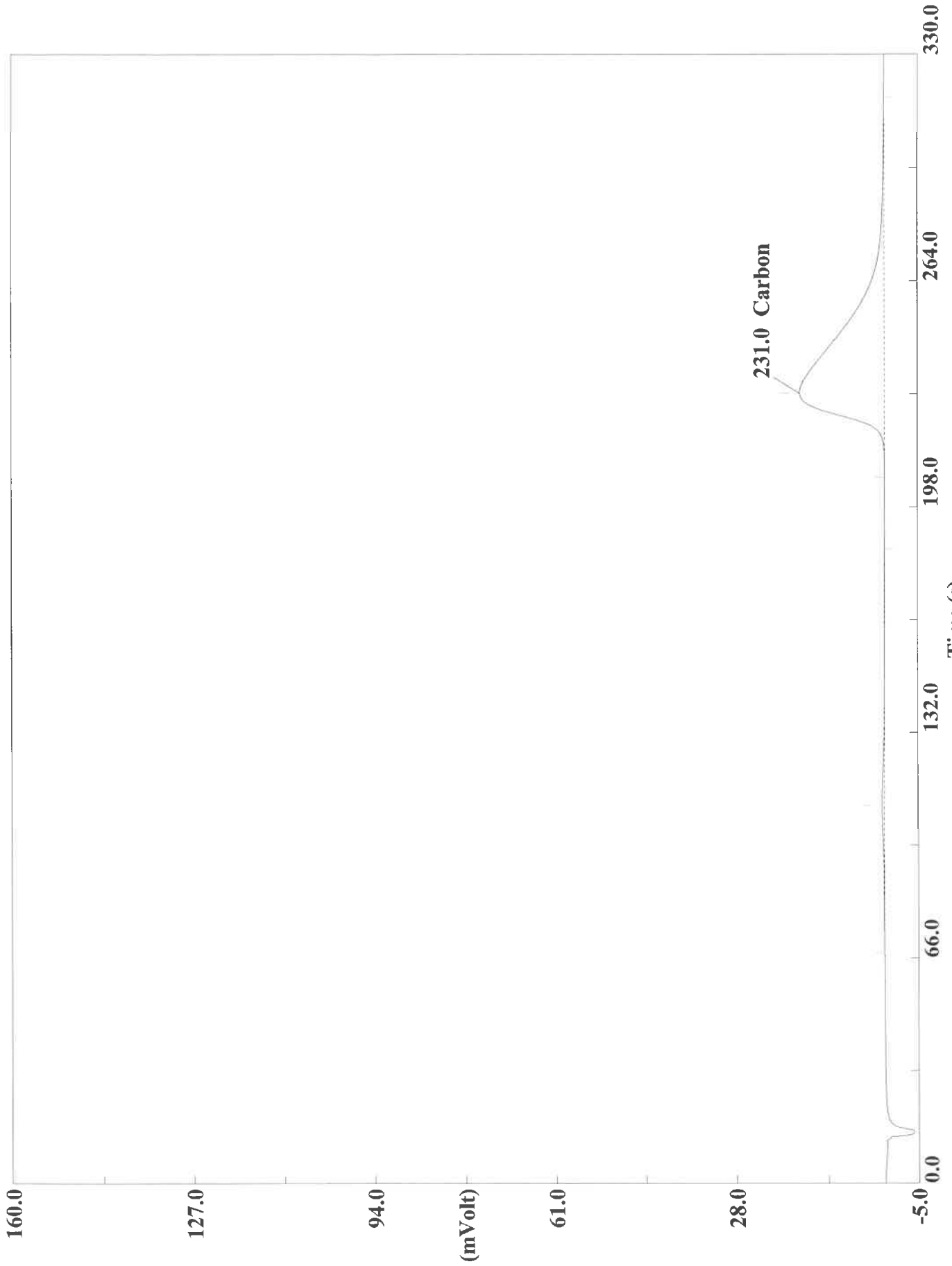
Page: 1 Sample: 180-111287-A-46 (A093020098)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020098
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:37 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-46 (# 109)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5059	232	4634519	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020099.DAT

Sample name :180-111287-A-46 Analysed :09/30/2020 23:43

Eager 300 Report

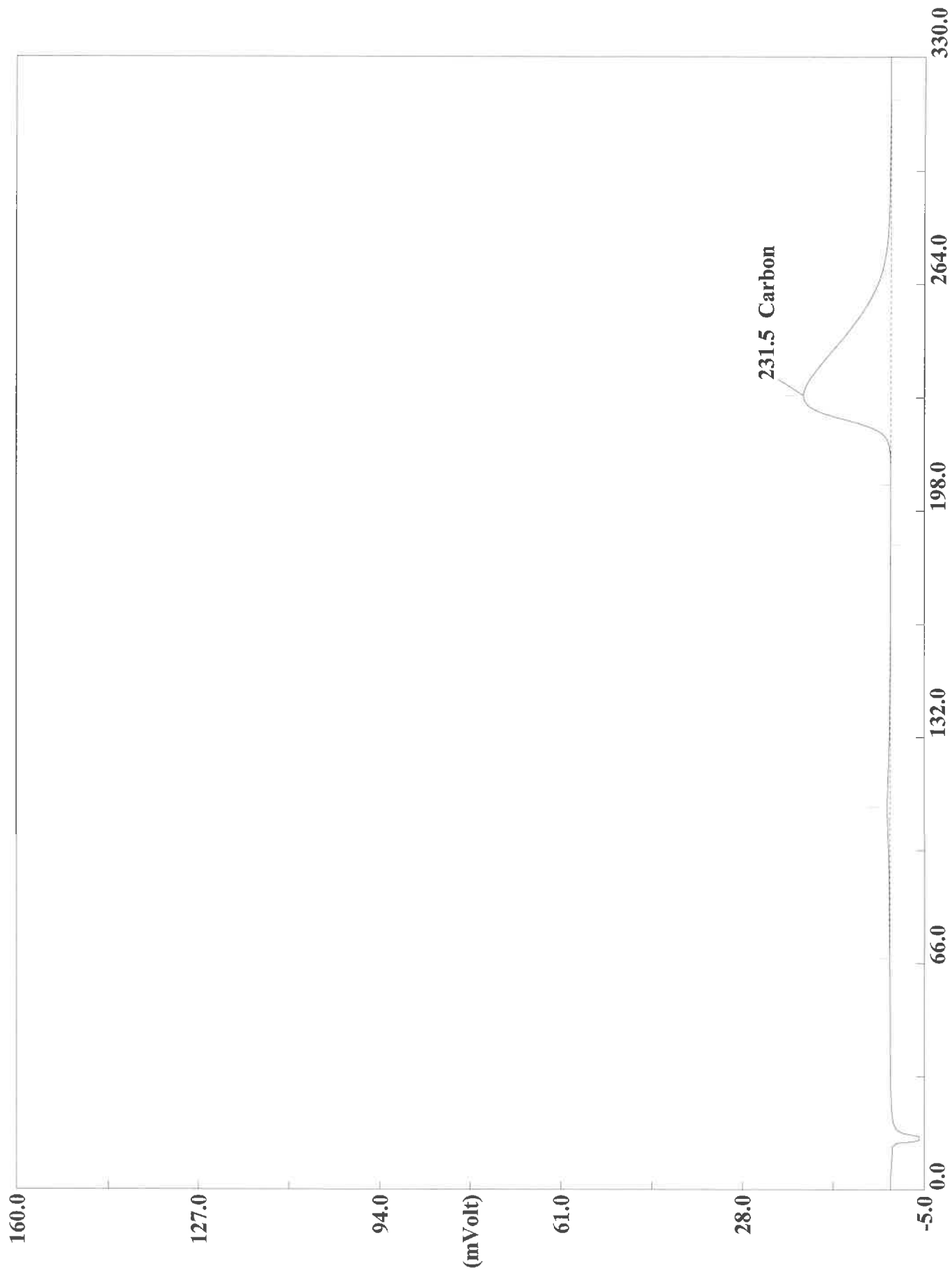
Page: 1 Sample: 180-111287-A-46 (A093020099)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020099
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:43 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-46 (# 110)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4883	231	4194529	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020101.DAT

Sample name :180-111287-A-47 Analysed :09/30/2020 23:54

Eager 300 Report

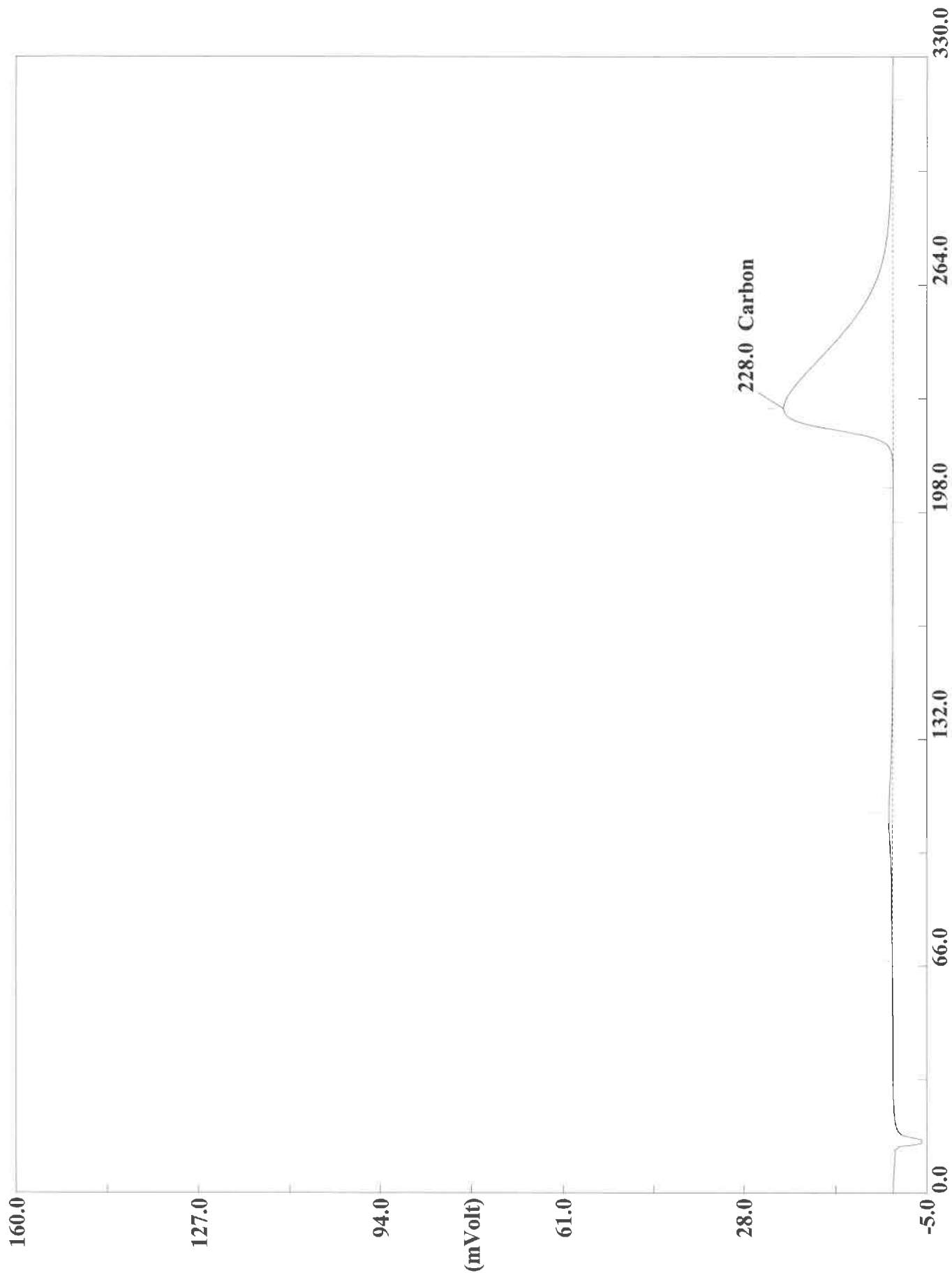
Page: 1 Sample: 180-111287-A-47 (A093020101)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020101
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:54 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-47 (# 112)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.6804	232	4301723	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020102.DAT
Sample name :180-111287-A-47 Analysed :09/30/2020 23:59

Eager 300 Report

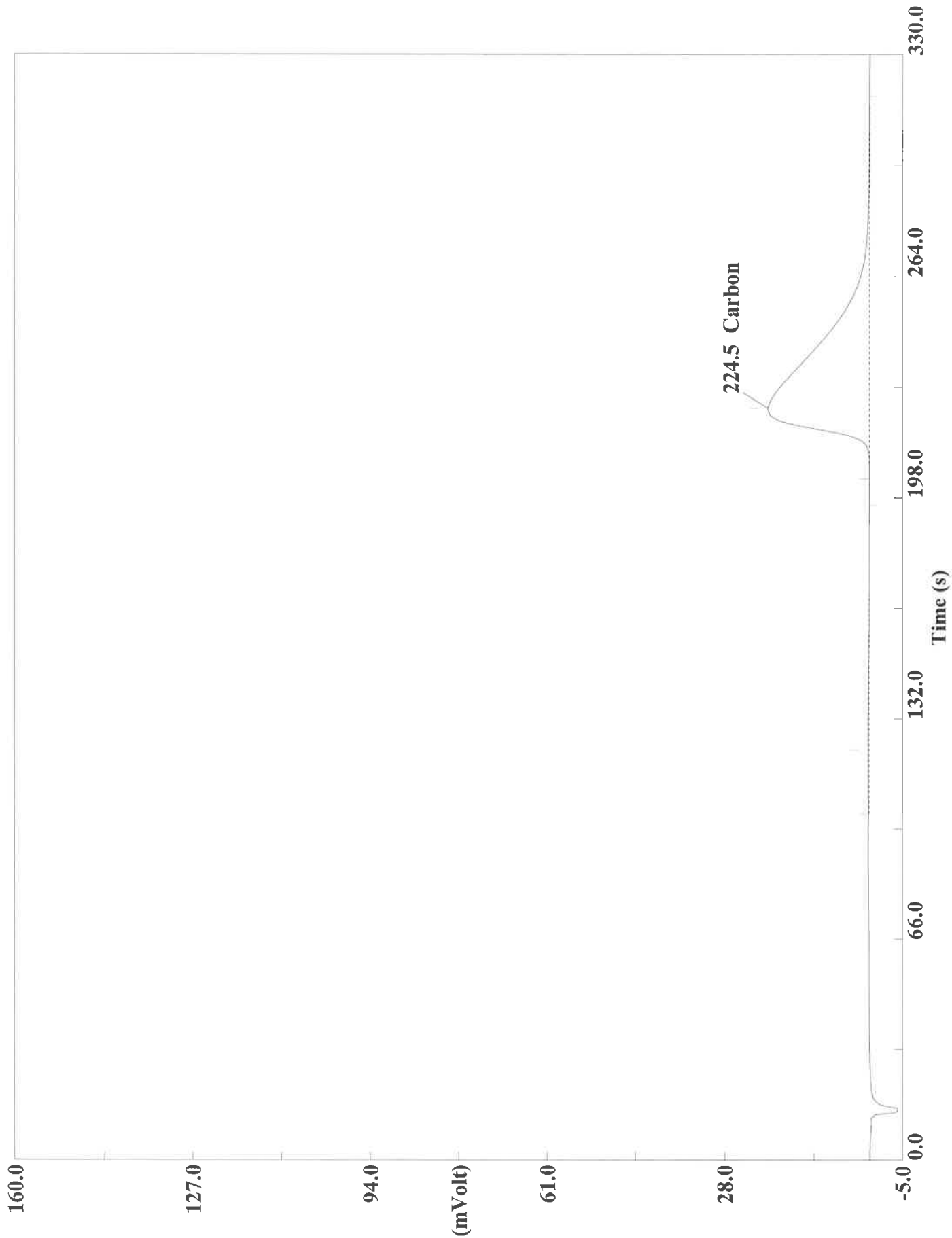
Page: 1 Sample: 180-111287-A-47 (A093020102)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020102
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/30/2020 23:59 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-47 (# 113)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.3056	228	5753732	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020104.DAT
Sample name :CCV Analysed :10/01/2020 00:11

Eager 300 Report

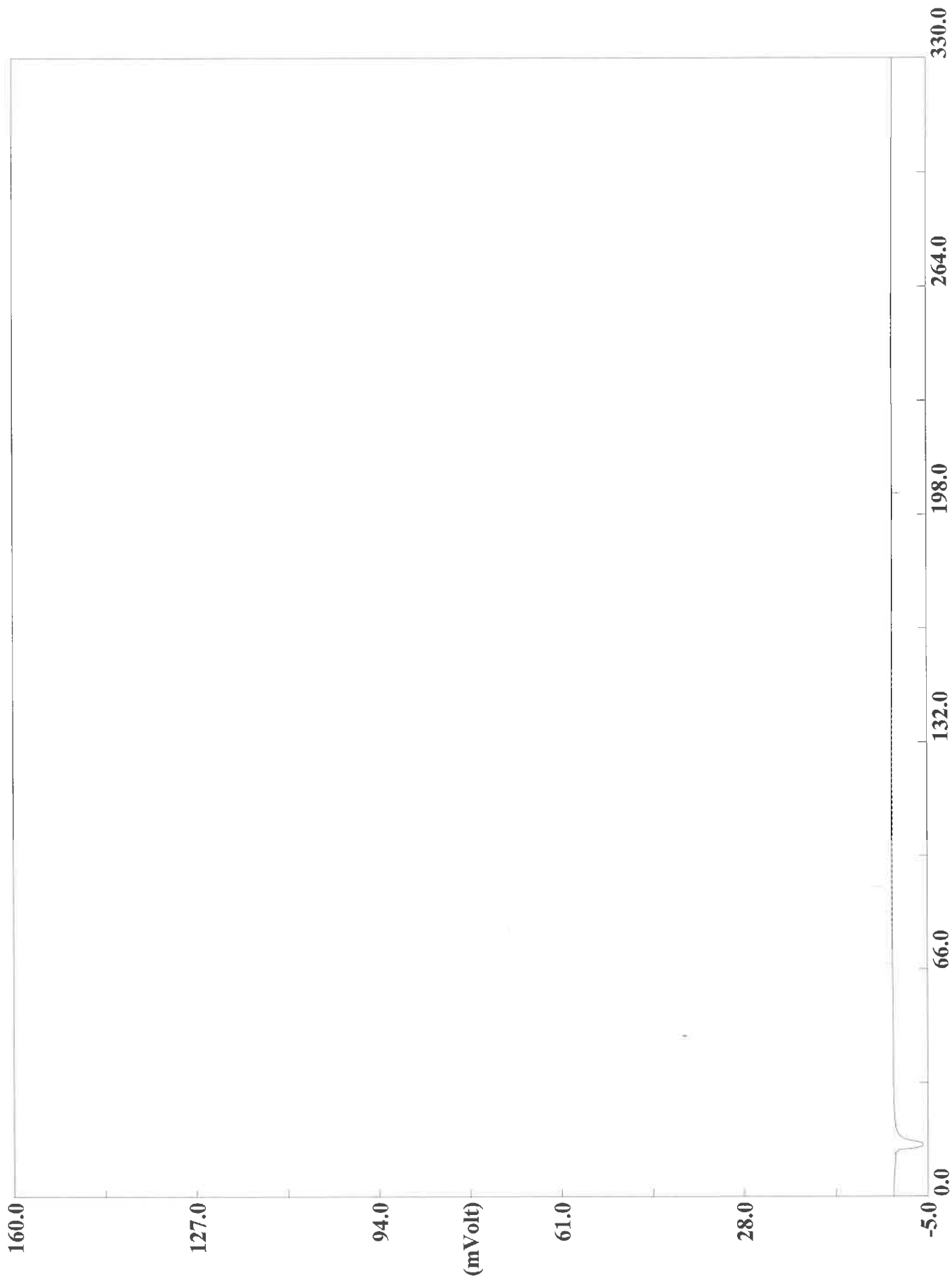
Page: 1 Sample: CCV (A093020104)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020104
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:11 Printed : 10/1/2020 07:00
Sample ID : CCV (# 115)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9852	225	5120441	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020105.DAT
Sample name :CCB Analysed :10/01/2020 00:16

Eager 300 Report

Page: 1 Sample: CCB (A093020105)

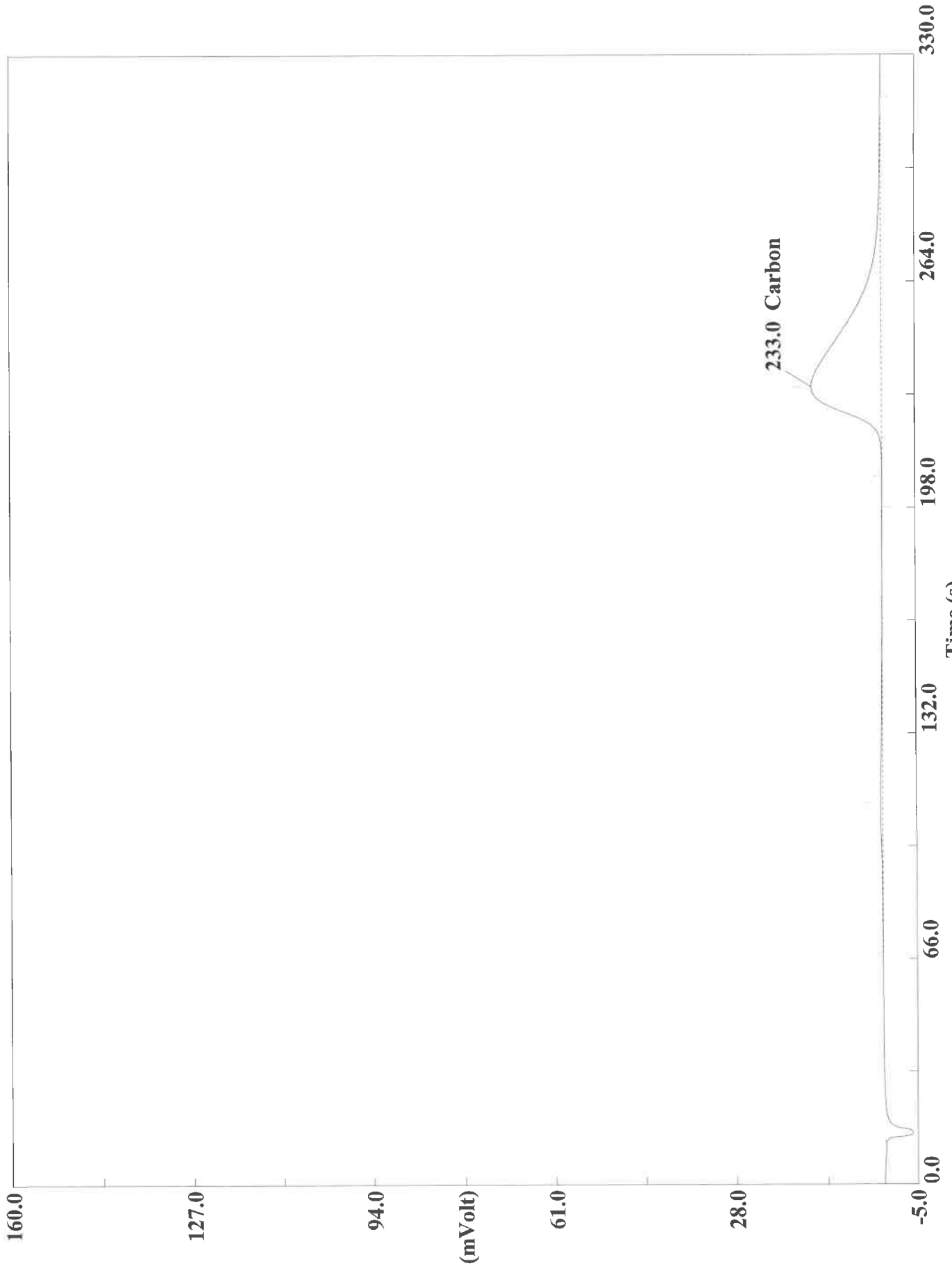
Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020105
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:16 Printed : 10/1/2020 07:00
Sample ID : CCB (# 116)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020106.DAT

Sample name :180-111287-A-48 Analysed :10/01/2020 00:22

Eager 300 Report

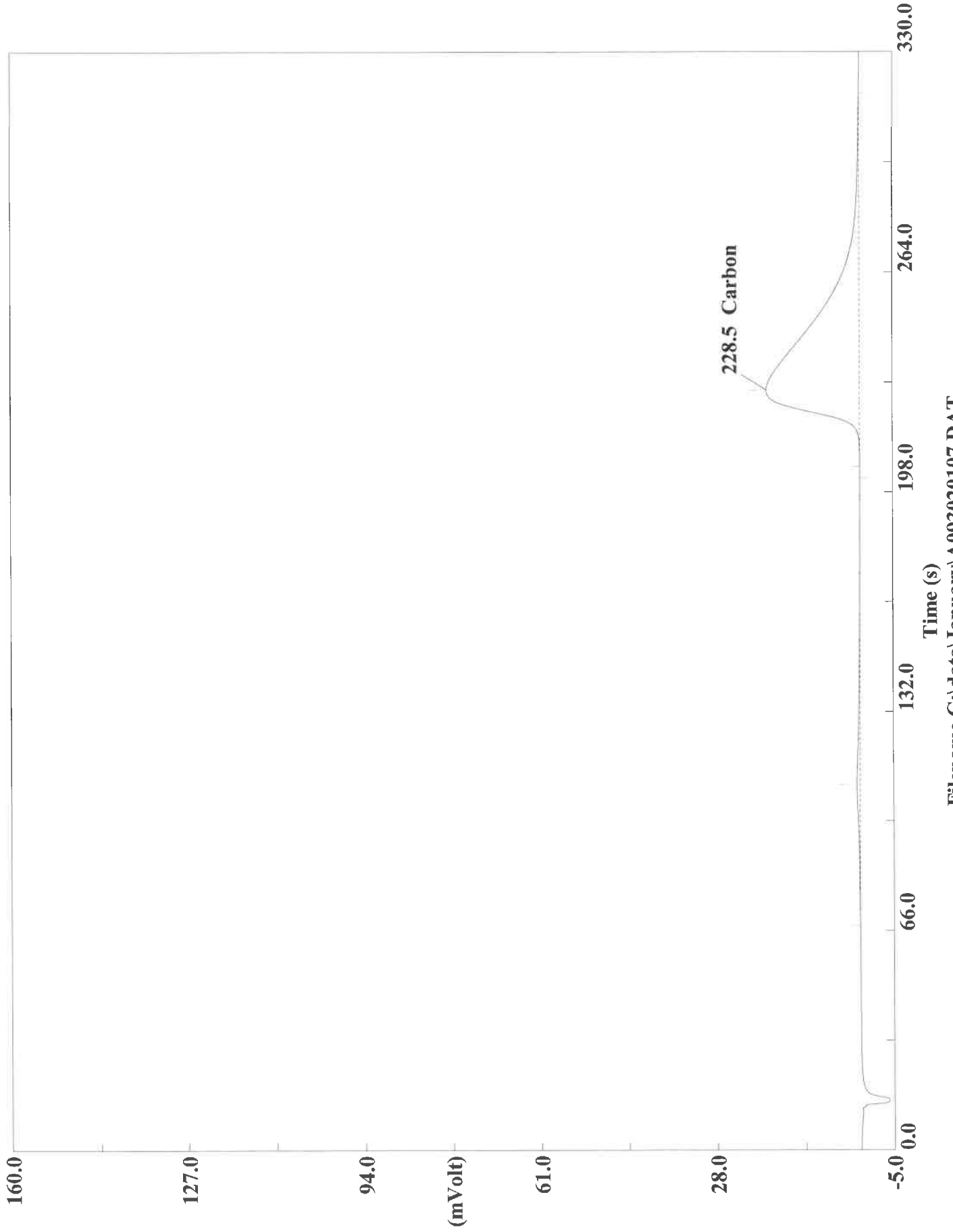
Page: 1 Sample: 180-111287-A-48 (A093020106)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020106
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:22 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-48 (# 117)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8882	233	3650874	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020107.DAT

Sample name :180-111287-A-48 Analysed :10/01/2020 00:27

Eager 300 Report

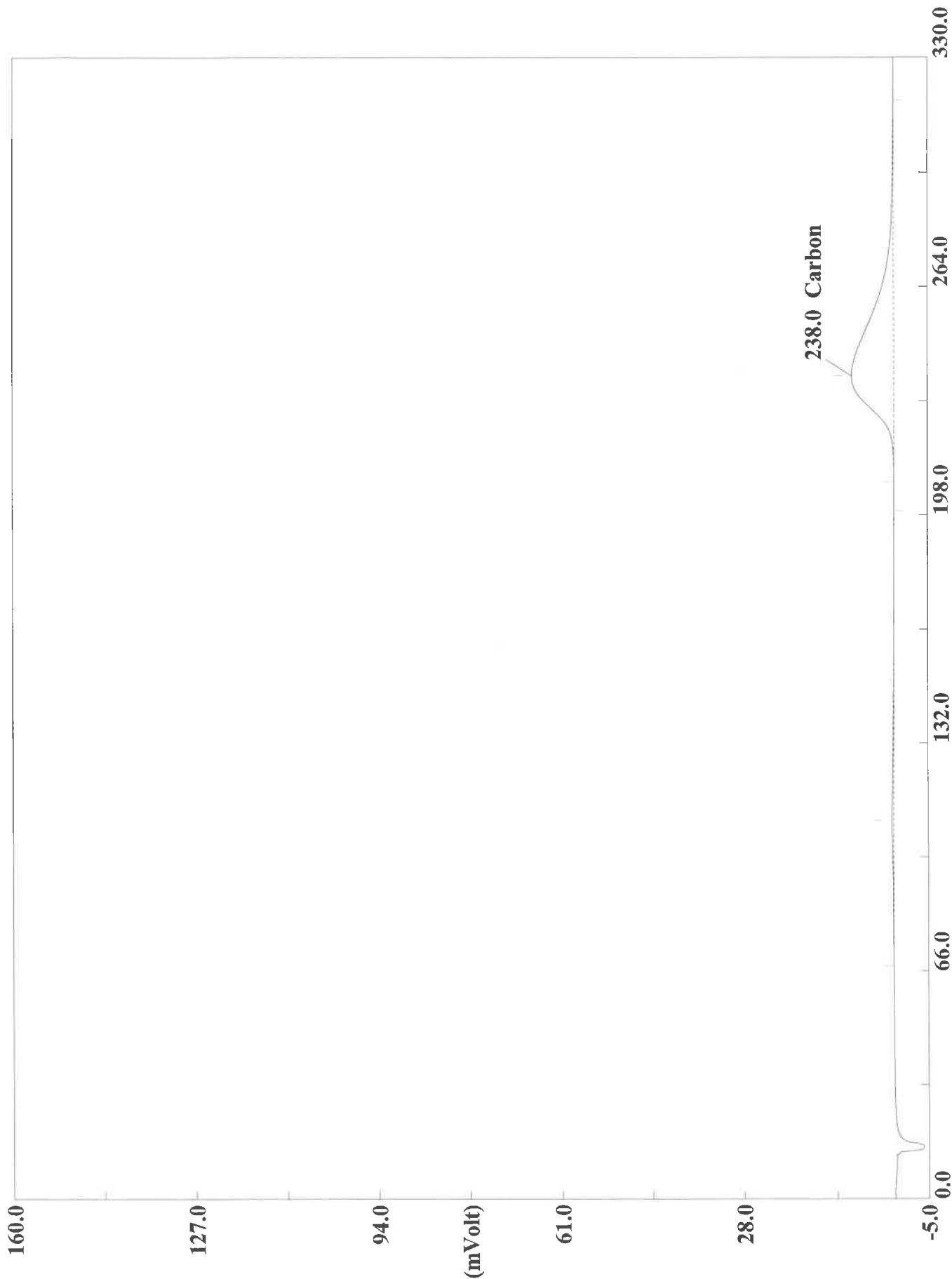
Page: 1 Sample: 180-111287-A-48 (A093020107)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020107
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:27 Printed : 10/1/2020 07:00
Sample ID : 180-111287-A-48 (# 118)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0866	229	5118508	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020109.DAT

Sample name : 180-111287-A-49 Analysed : 10/01/2020 00:38

Eager 300 Report

Page: 1 Sample: 180-111287-A-49 (A093020109)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020109
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:38 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-49 (# 120)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3976	238	2304758	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020110.DAT

Sample name :180-111287-A-49 Analysed :10/01/2020 00:44

Eager 300 Report

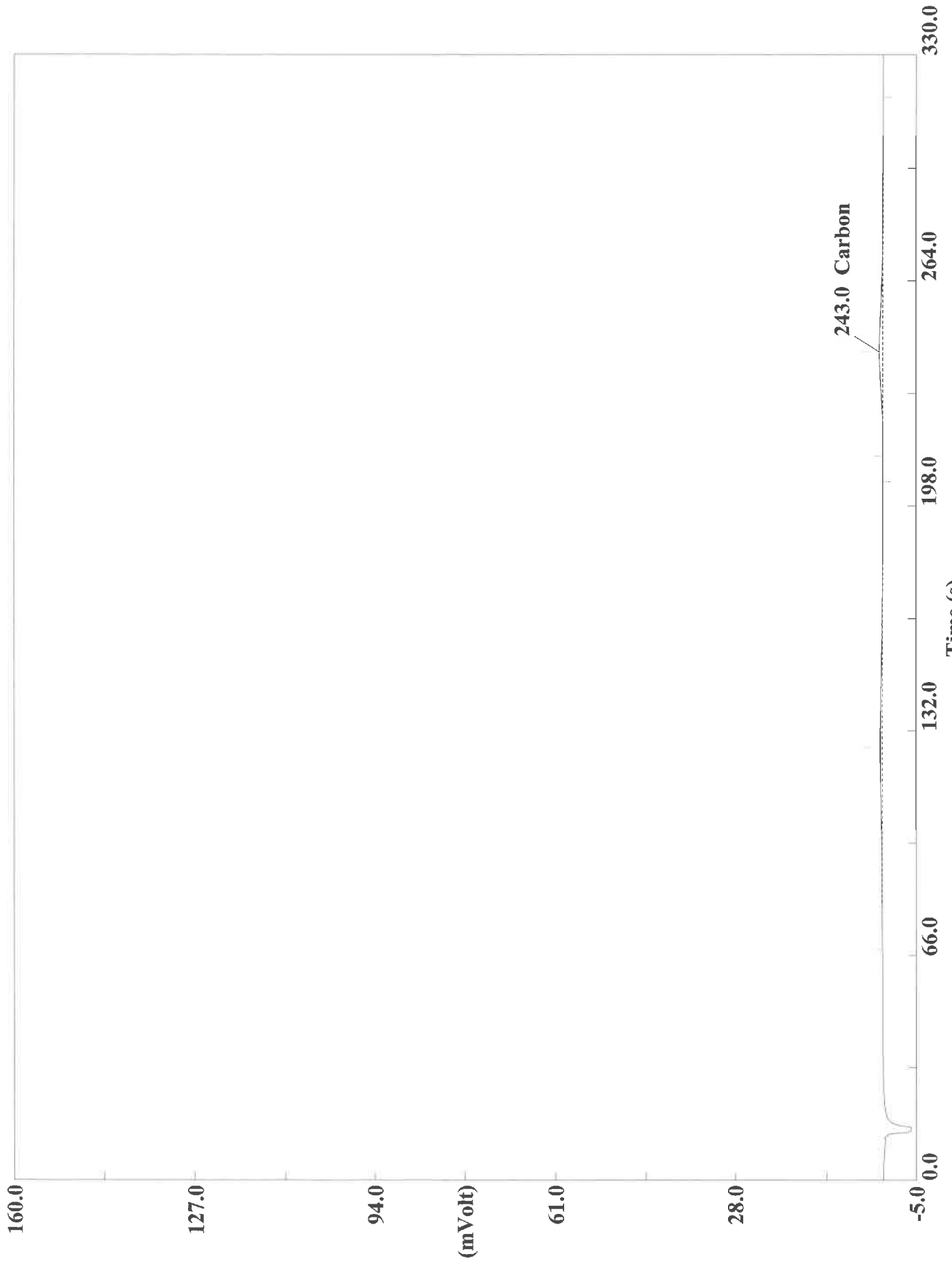
Page: 1 Sample: 180-111287-A-49 (A093020110)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020110
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:44 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-49 (# 121)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8811	236	2137181	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020112.DAT

Sample name :180-111287-A-50 Analysed :10/01/2020 00:55

Eager 300 Report

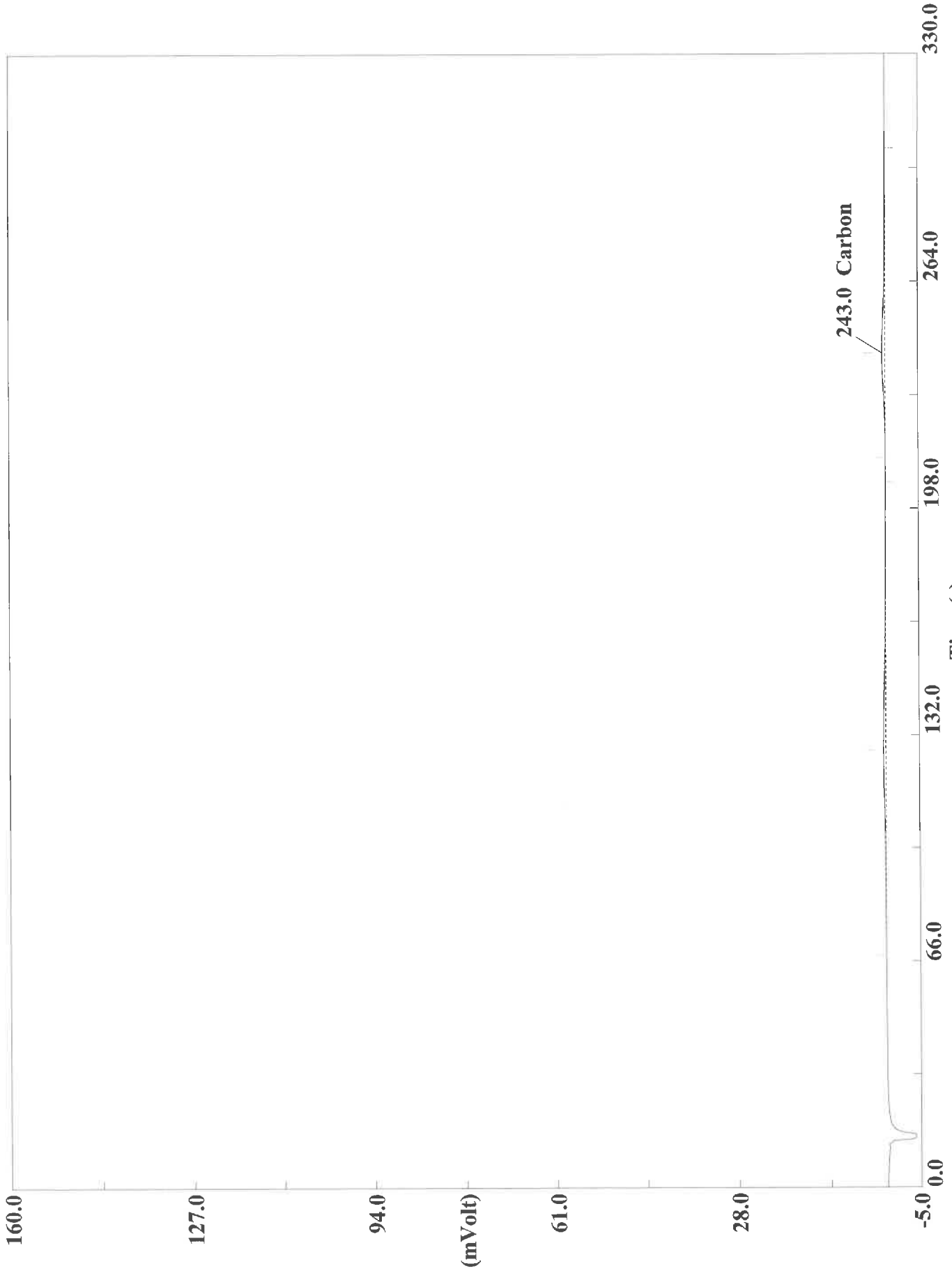
Page: 1 Sample: 180-111287-A-50 (A093020112)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020112
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 00:55 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-50 (# 123)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2146	243	193781	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020113.DAT

Sample name : 180-111287-A-50 Analysed : 10/01/2020 01:01

Eager 300 Report

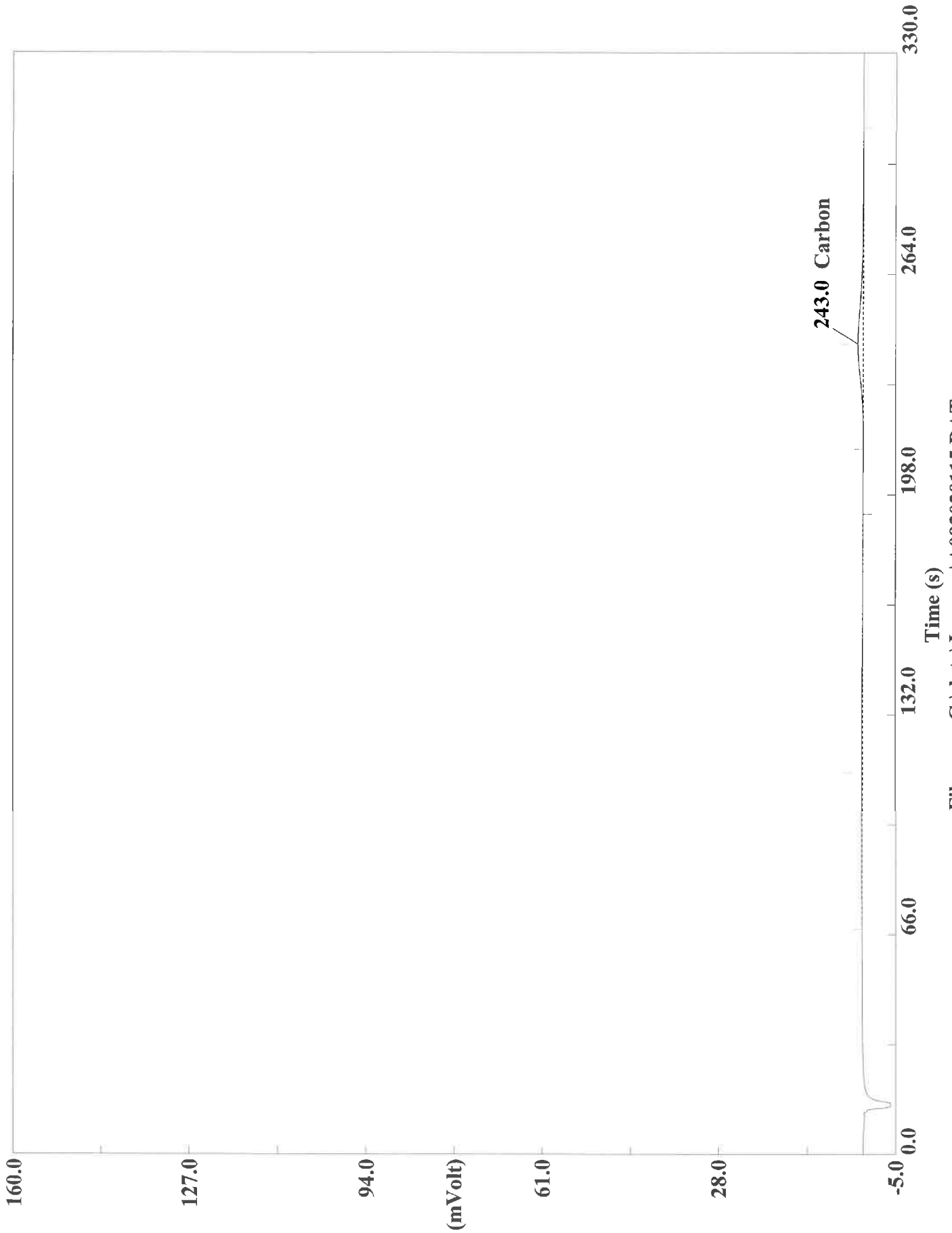
Page: 1 Sample: 180-111287-A-50 (A093020113)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020113
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:01 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-50 (# 124)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1684	243	160137	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020115.DAT
Sample name : 180-111287-A-51 Analysed : 10/01/2020 01:12

Eager 300 Report

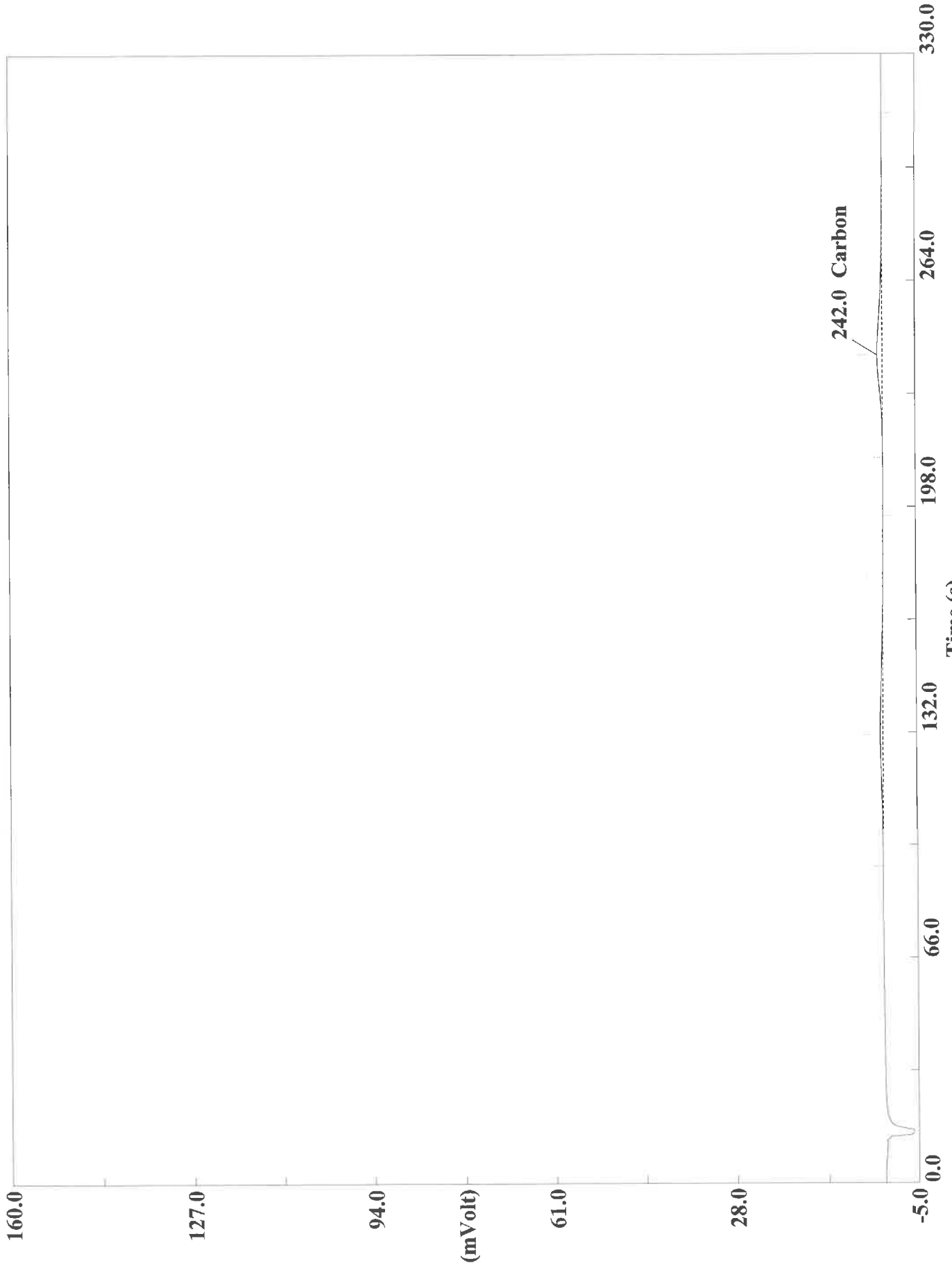
Page: 1 Sample: 180-111287-A-51 (A093020115)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020115
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:12 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-51 (# 126)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2354	243	281219	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020116.DAT

Sample name : 180-111287-A-51 Analysed : 10/01/2020 01:18

Eager 300 Report

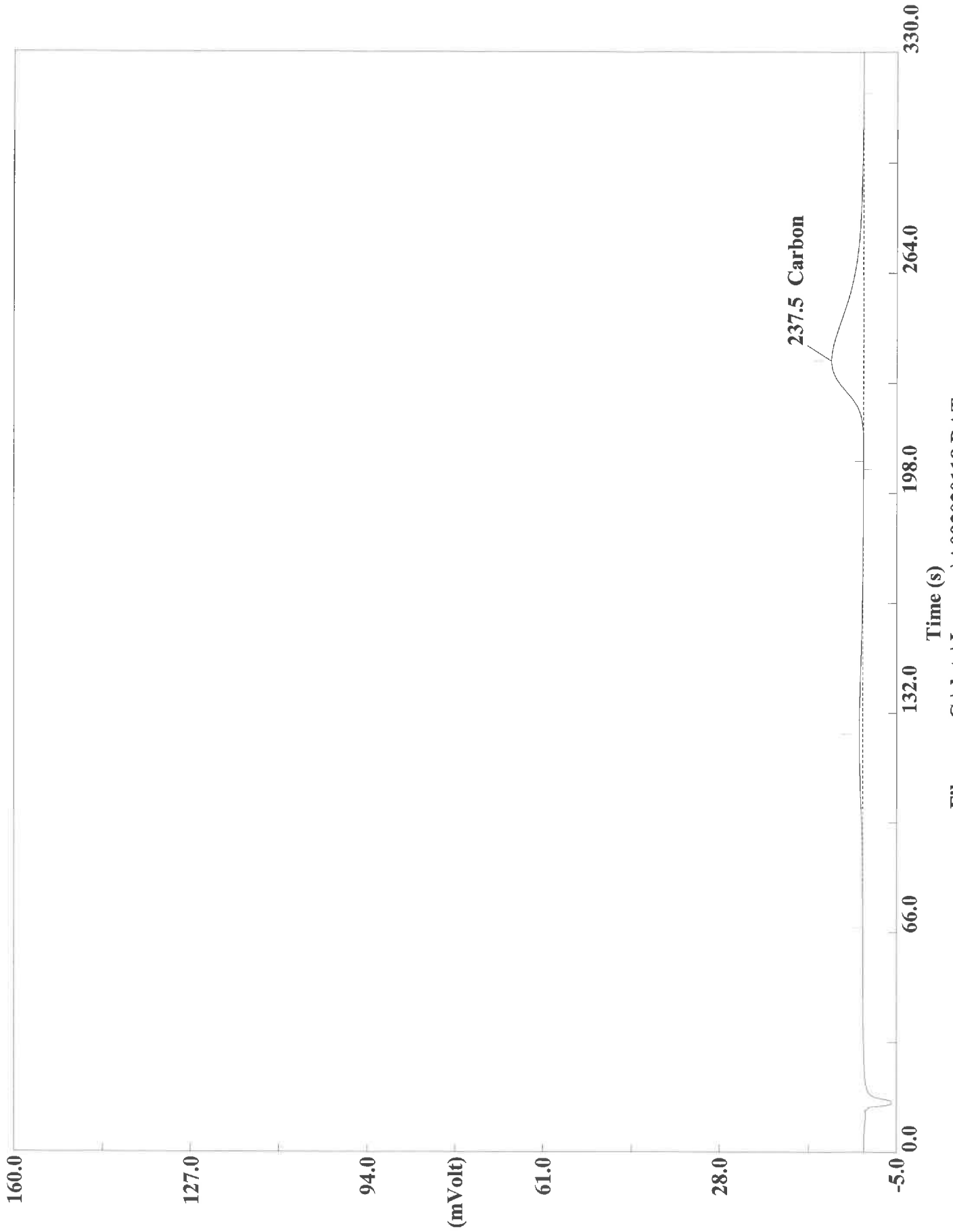
Page: 1 Sample: 180-111287-A-51 (A093020116)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020116
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:18 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-51 (# 127)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1954	242	254879	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020118.DAT

Sample name :180-111287-A-53 Analysed :10/01/2020 01:29

Eager 300 Report

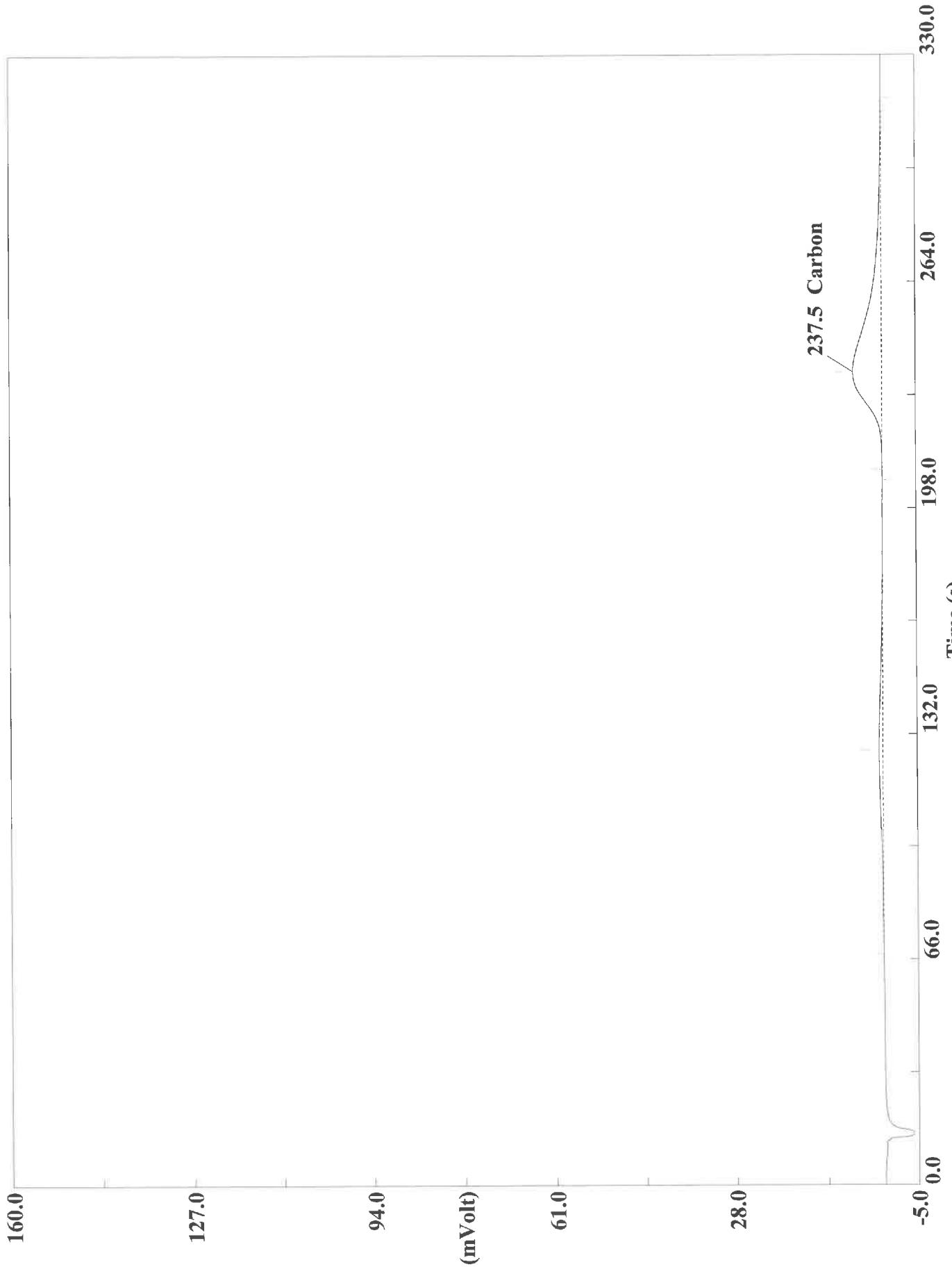
Page: 1 Sample: 180-111287-A-53 (A093020118)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020118
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:29 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-53 (# 129)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6071	238	1805629	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020119.DAT

Sample name :180-111287-A-53 Analysed :10/01/2020 01:34

Eager 300 Report

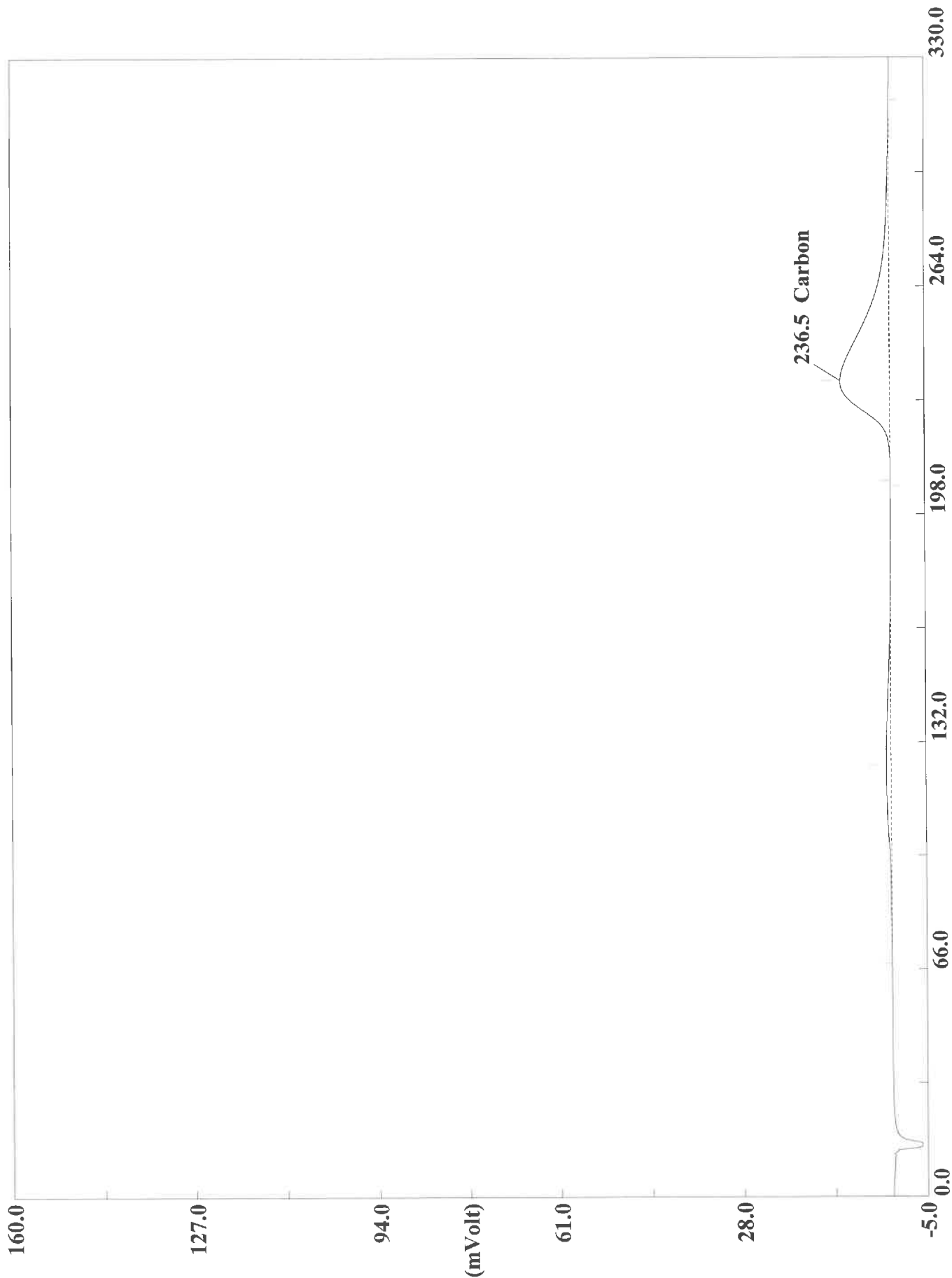
Page: 1 Sample: 180-111287-A-53 (A093020119)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020119
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:34 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-53 (# 130)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7249	238	1597471	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020121.DAT

Sample name :180-111287-A-54 Analysed :10/01/2020 01:45

Eager 300 Report

Page: 1 Sample: 180-111287-A-54 (A093020121)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020121
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:45 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-54 (# 132)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0576	237	2629946	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Time (s)

Filename C:\data\January\A093020122.DAT

Sample name :180-111287-A-54 Analysed :10/01/2020 01:51

Eager 300 Report

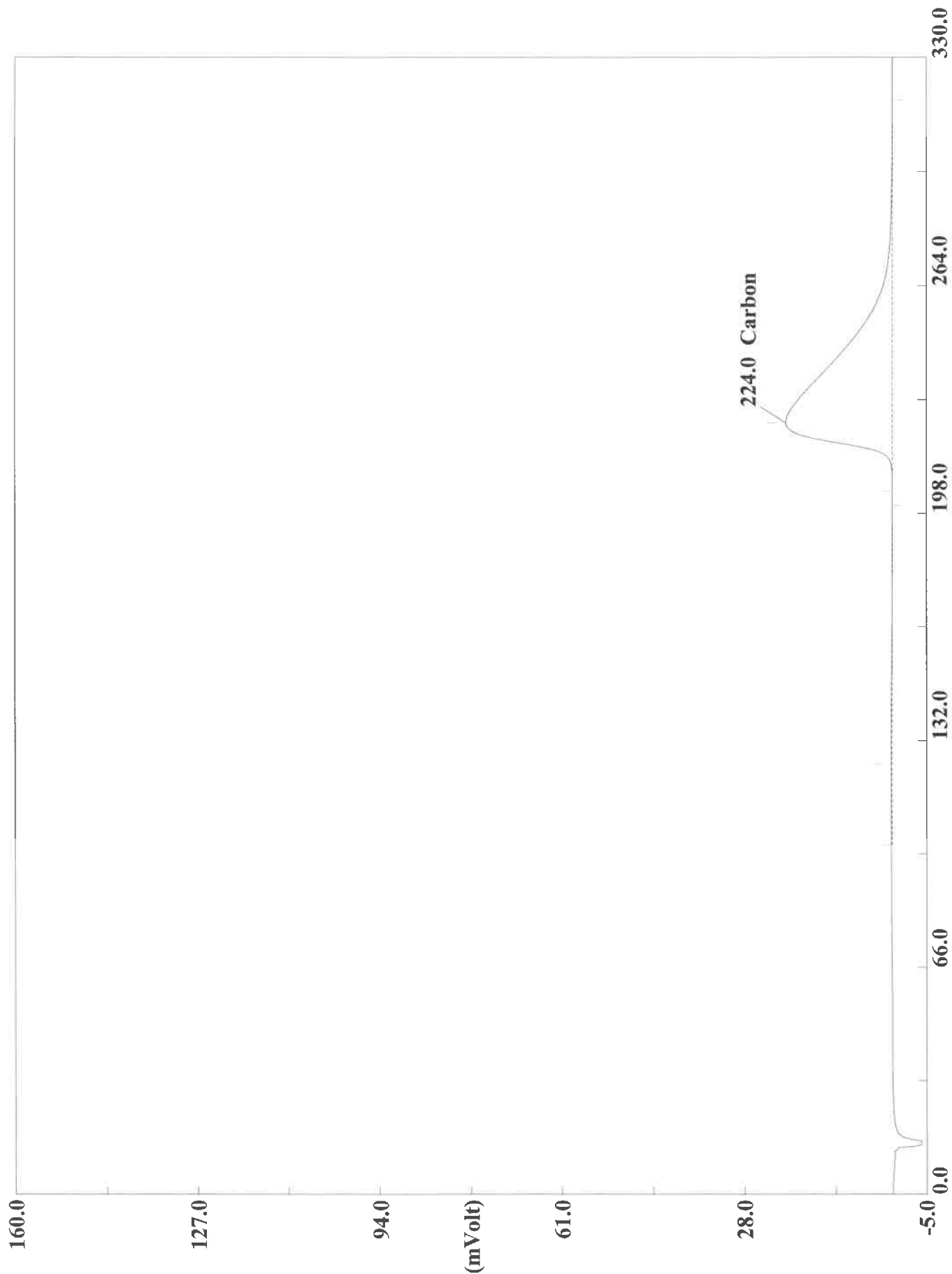
Page: 1 Sample: 180-111287-A-54 (A093020122)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020122
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 01:51 Printed : 10/1/2020 07:01
Sample ID : 180-111287-A-54 (# 133)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0822	238	2411669	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020124.DAT
Sample name :CCV Analysed :10/01/2020 02:02

Eager 300 Report

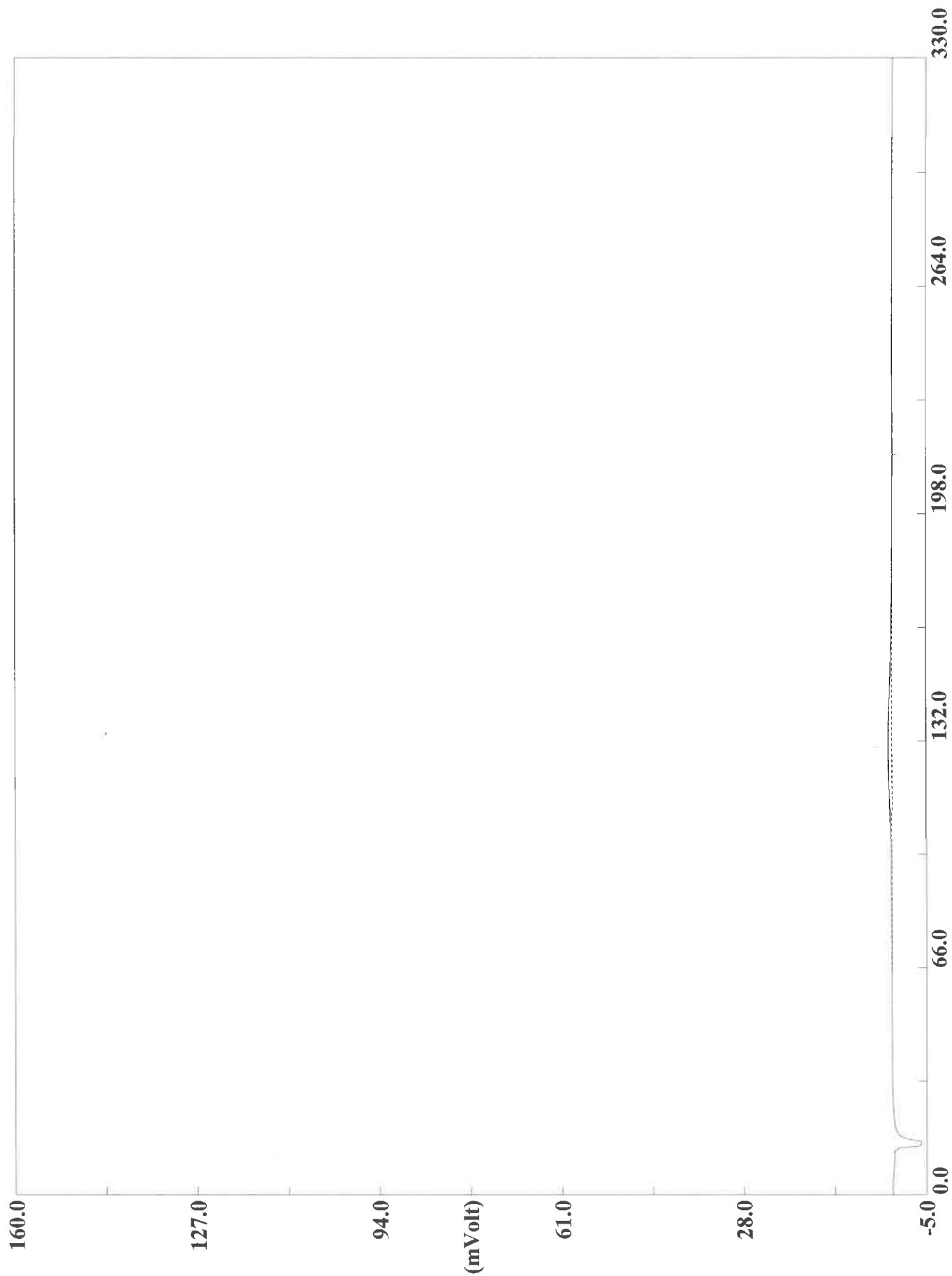
Page: 1 Sample: CCV (A093020124)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020124
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:02 Printed : 10/1/2020 07:02
Sample ID : CCV (# 135)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0098	224	5248944	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020125.DAT
Sample name :CCB Analysed :10/01/2020 02:08

Eager 300 Report

Page: 1 Sample: CCB (A093020125)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020125
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:08 Printed : 10/1/2020 07:02
Sample ID : CCB (# 136)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020126.DAT
Sample name :180-111287-A-55 Analysed :10/01/2020 02:13

Eager 300 Report

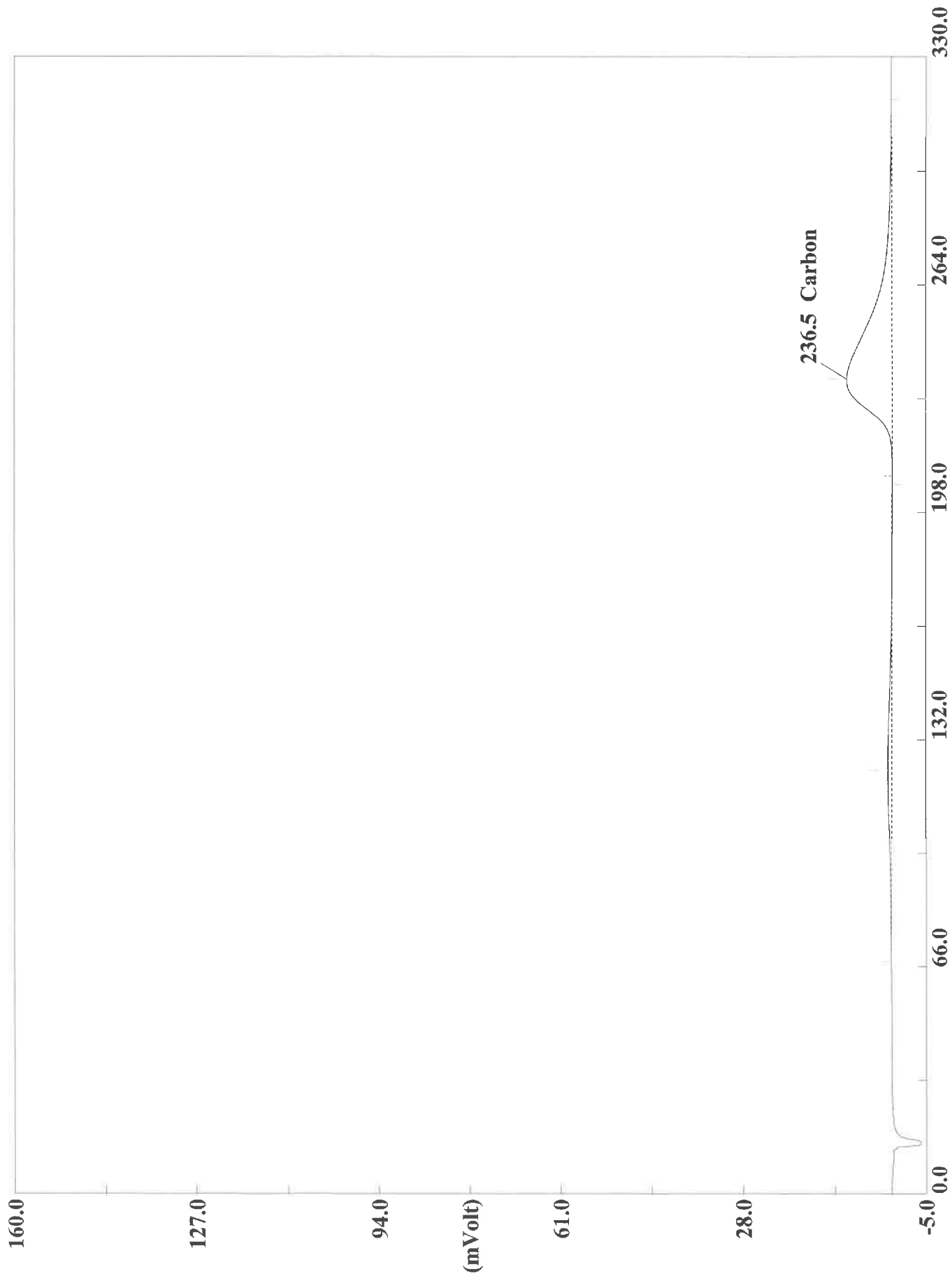
Page: 1 Sample: 180-111287-A-55 (A093020126)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020126
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:13 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-55 (# 137)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5863	238	1931085	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020127.DAT
Sample name : 180-111287-A-55 Analysed : 10/01/2020 02:19

Eager 300 Report

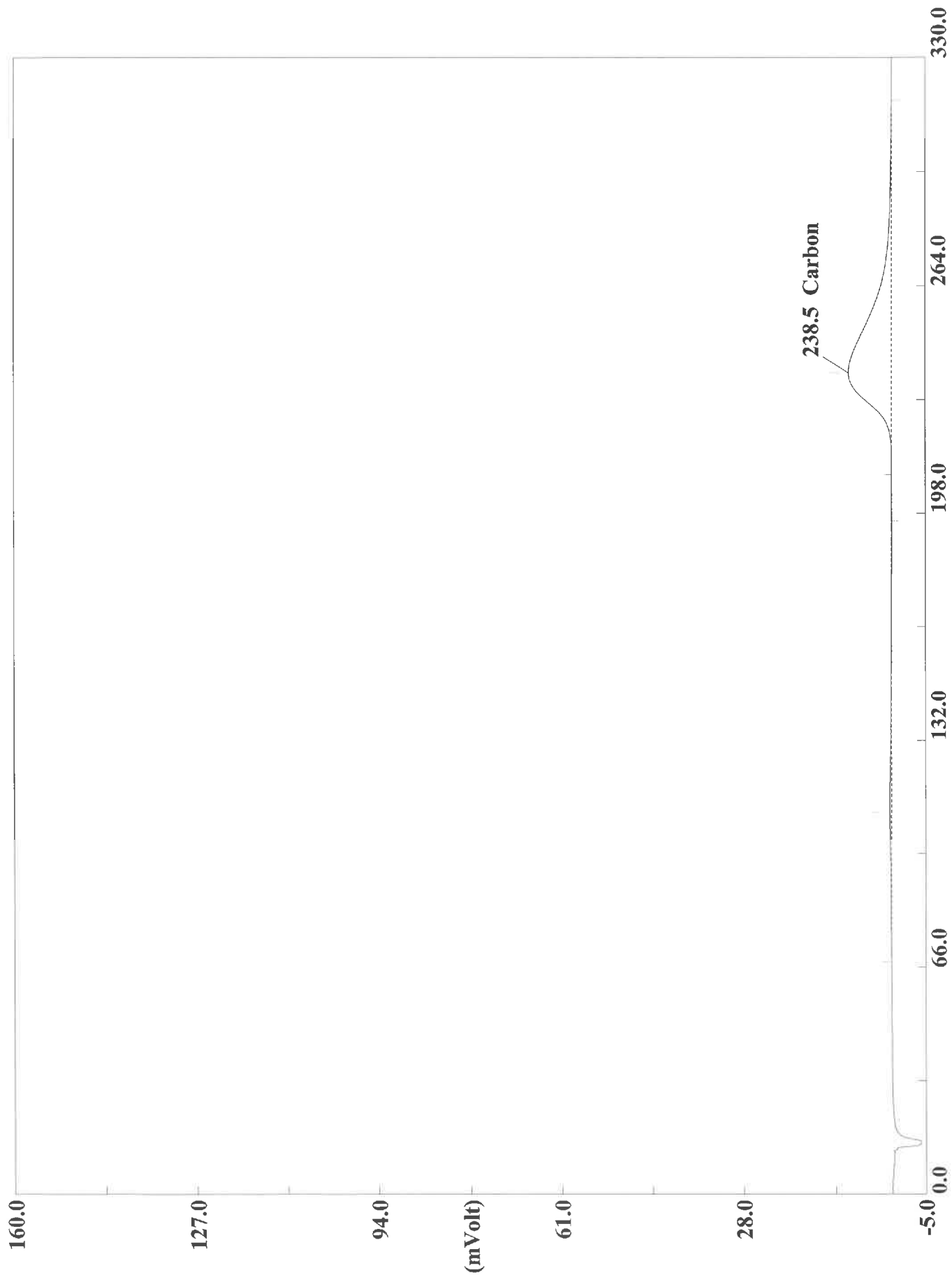
Page: 1 Sample: 180-111287-A-55 (A093020127)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020127
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:19 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-55 (# 138)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2720	237	2396347	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020129.DAT
Sample name :180-111287-A-56 Analysed :10/01/2020 02:30

Eager 300 Report

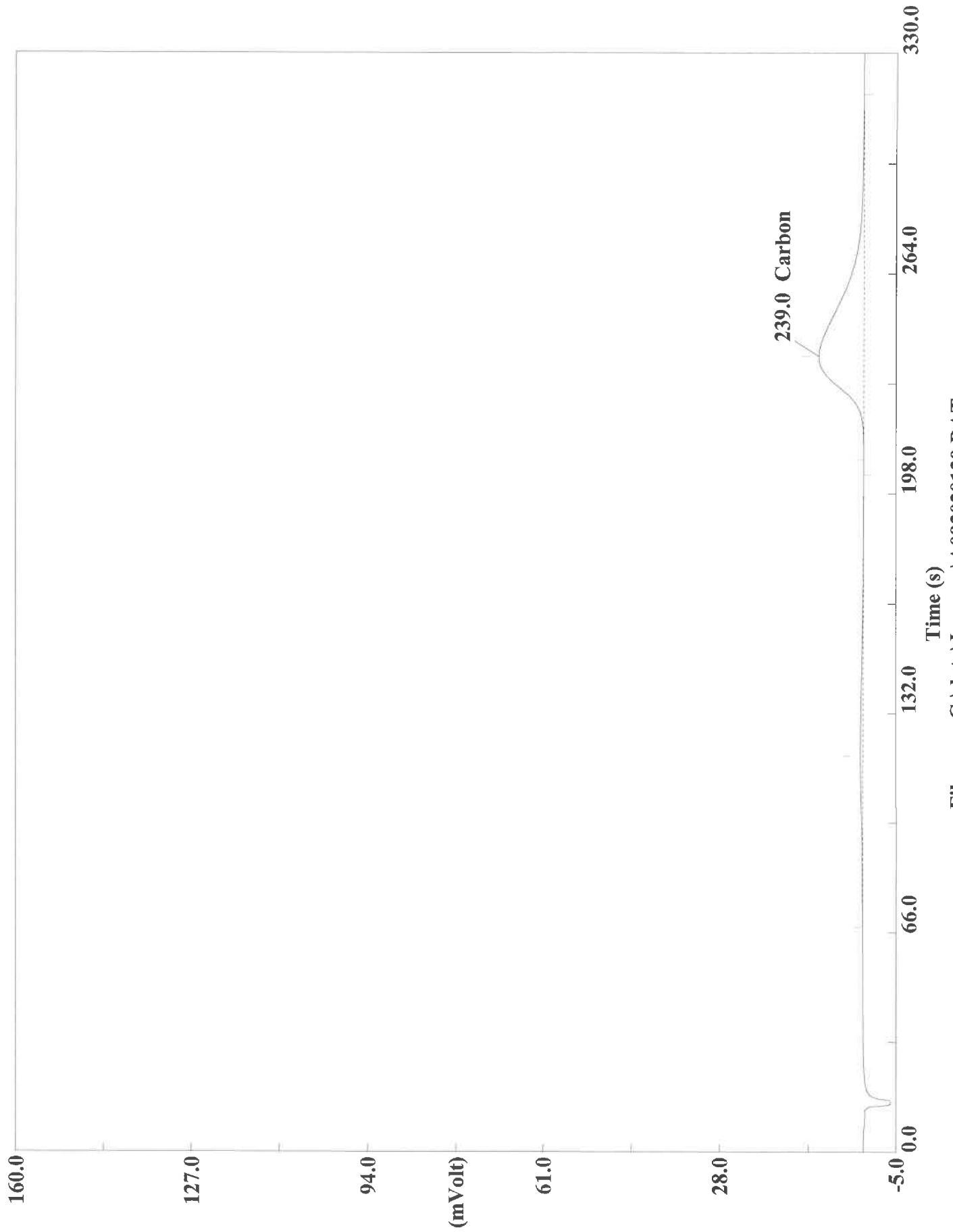
Page: 1 Sample: 180-111287-A-56 (A093020129)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020129
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:30 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-56 (# 140)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4518	239	2242238	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020130.DAT

Sample name :180-111287-A-56 Analysed :10/01/2020 02:36

Eager 300 Report

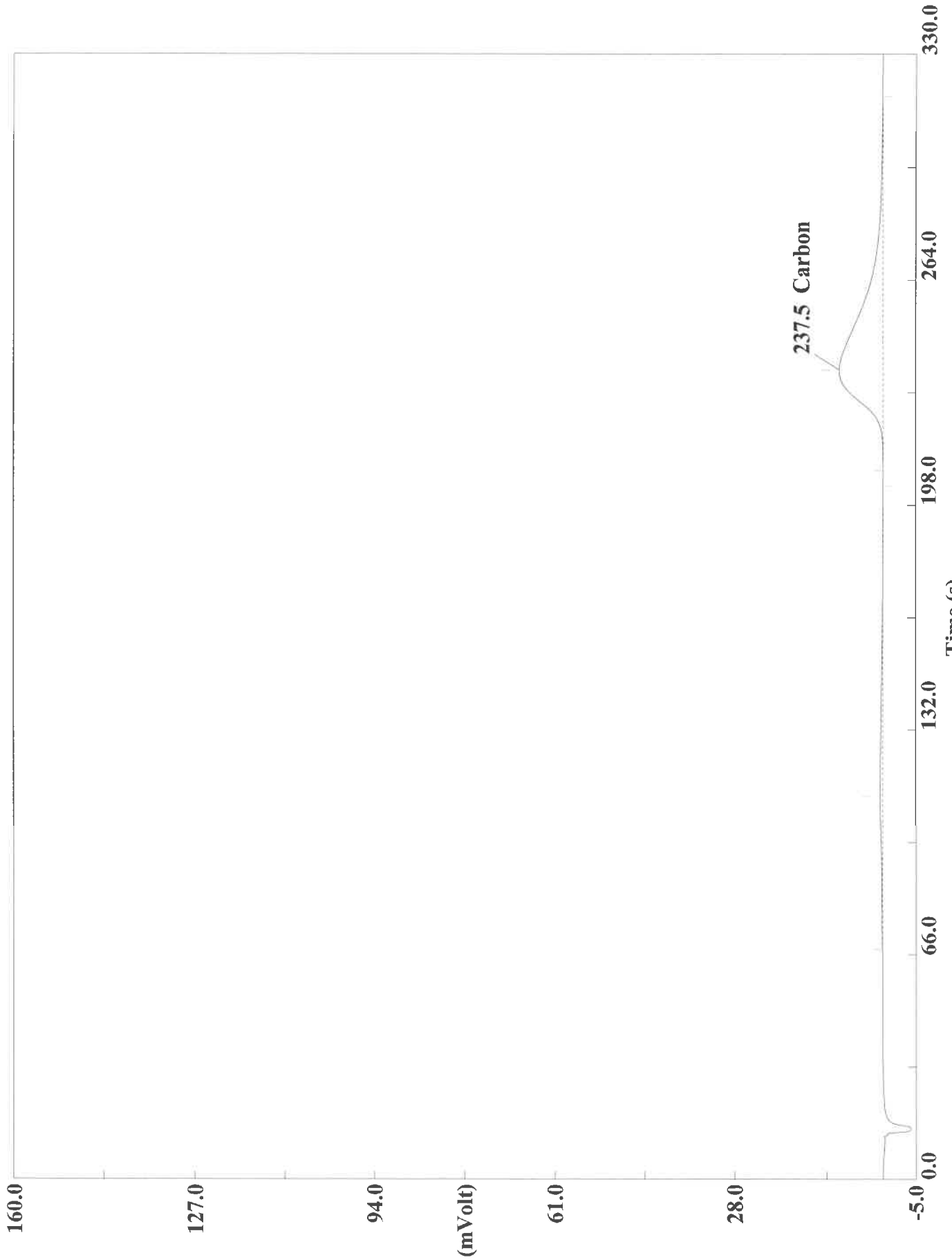
Page: 1 Sample: 180-111287-A-56 (A093020130)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020130
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:36 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-56 (# 141)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4816	239	2477050	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020132.DAT

Sample name :180-111287-A-57 Analysed :10/01/2020 02:47

Eager 300 Report

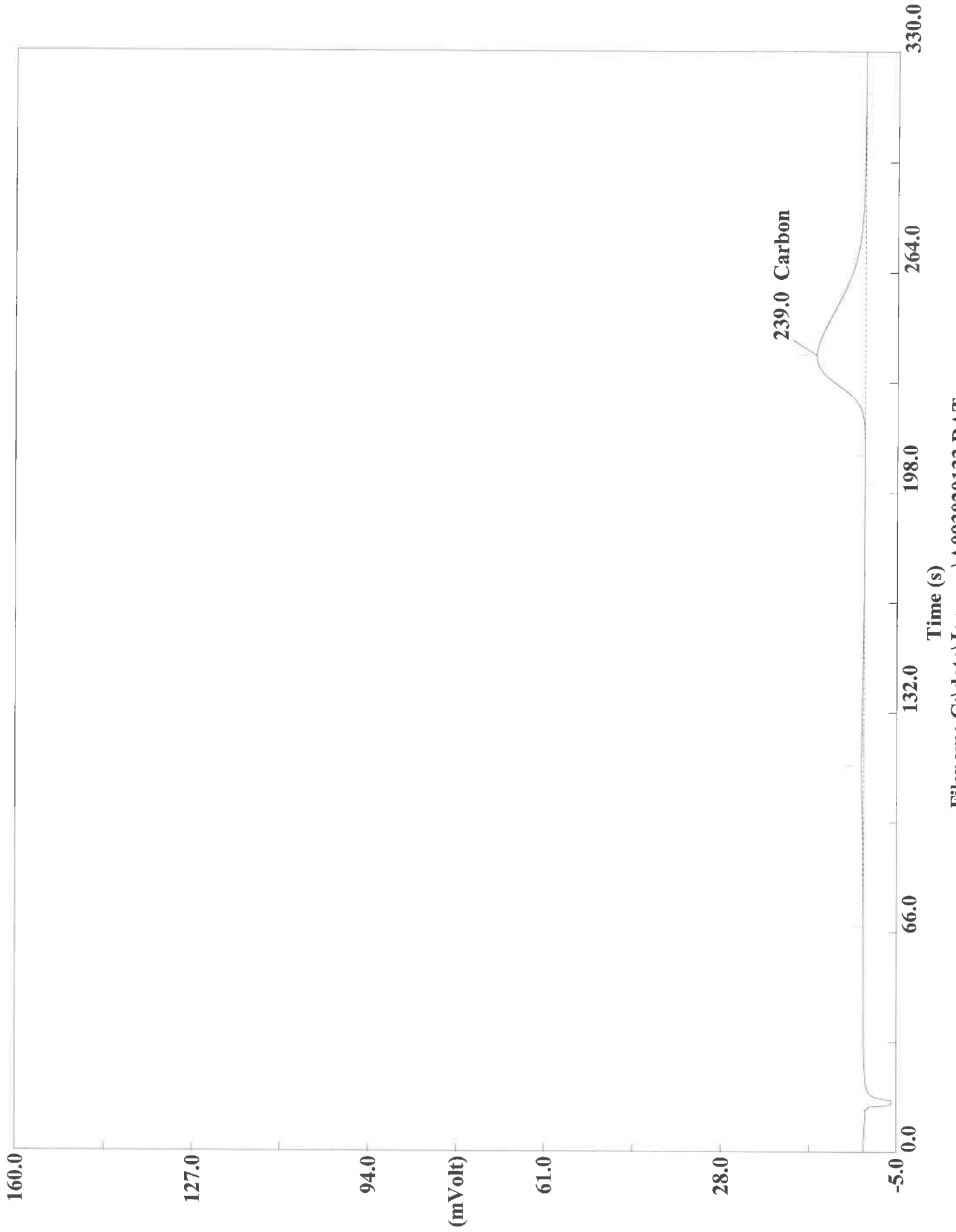
Page: 1 Sample: 180-111287-A-57 (A093020132)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020132
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:47 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-57 (# 143)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0232	238	2427175	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020133.DAT

Sample name :180-111287-A-57 Analysed :10/01/2020 02:52

Eager 300 Report

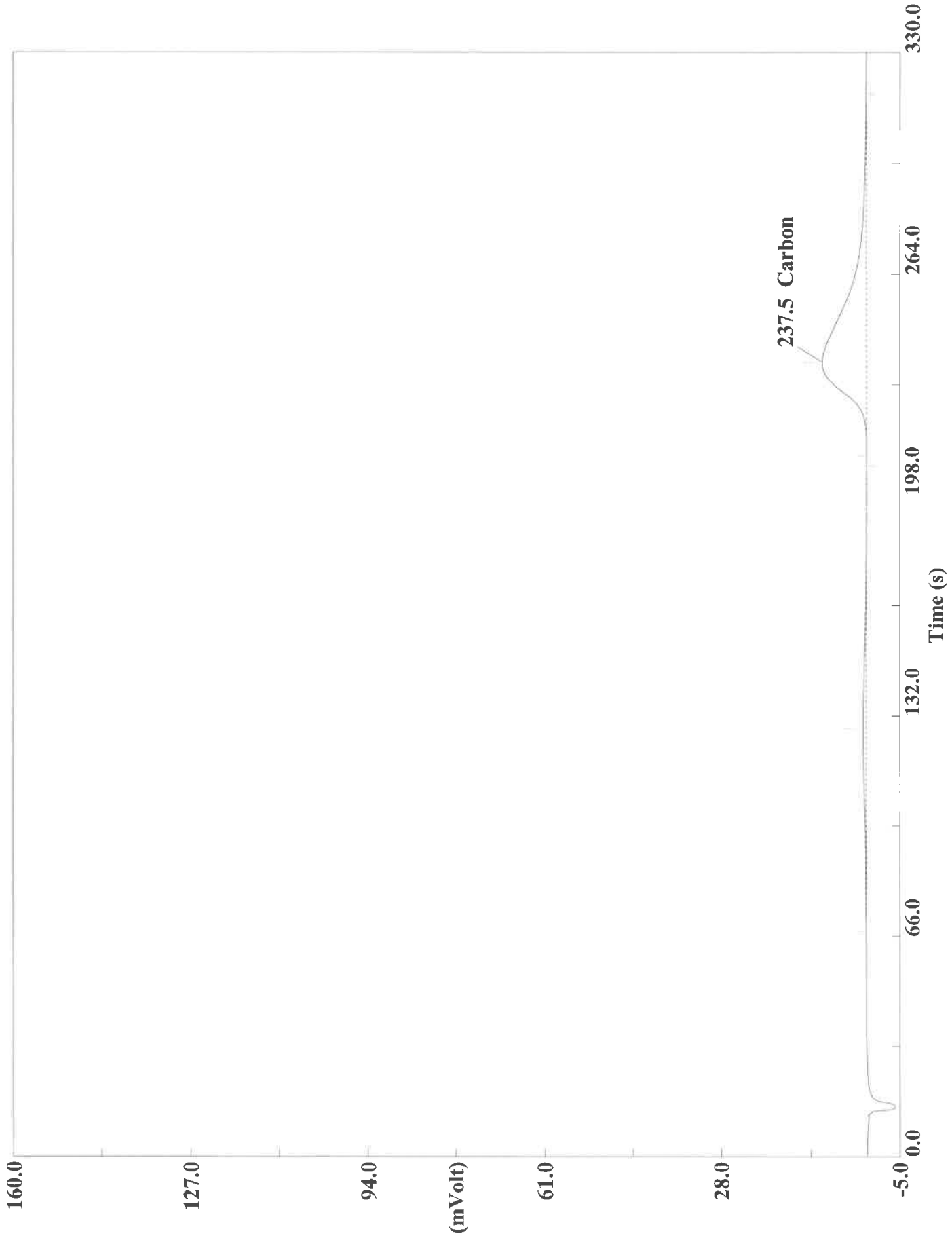
Page: 1 Sample: 180-111287-A-57 (A093020133)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020133
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 02:52 Printed : 10/1/2020 07:02
Sample ID : 180-111287-A-57 (# 144)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4943	239	2633139	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020135.DAT
Sample name :460-218641-E-2 Analysed :10/01/2020 03:04

Eager 300 Report

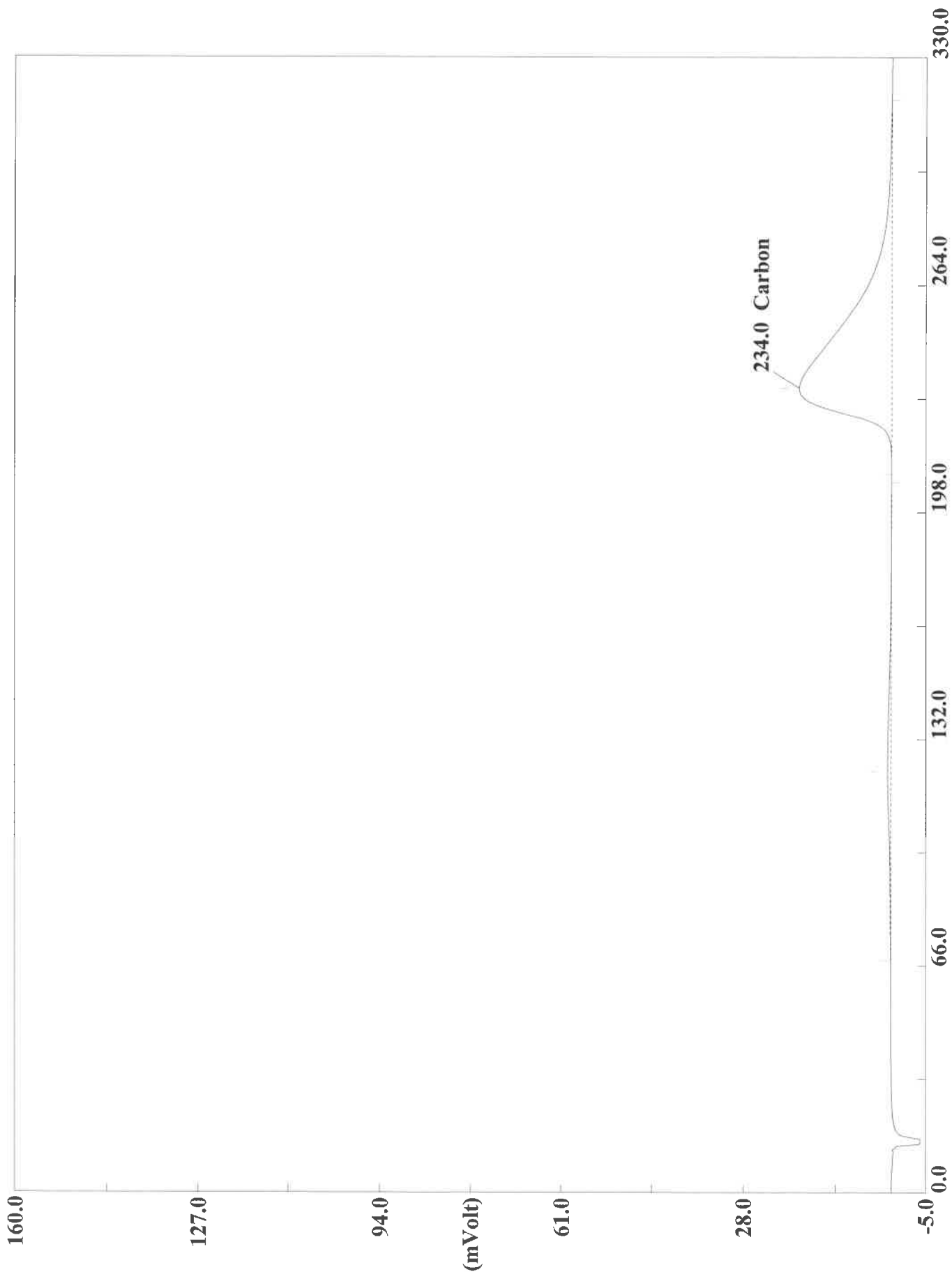
Page: 1 Sample: 460-218641-E-2 (A093020135)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020135
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 03:04 Printed : 10/1/2020 07:02
Sample ID : 460-218641-E-2 (# 146)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5321	238	2395740	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020136.DAT

Sample name :460-218641-E-2 Analysed :10/01/2020 03:09

Eager 300 Report

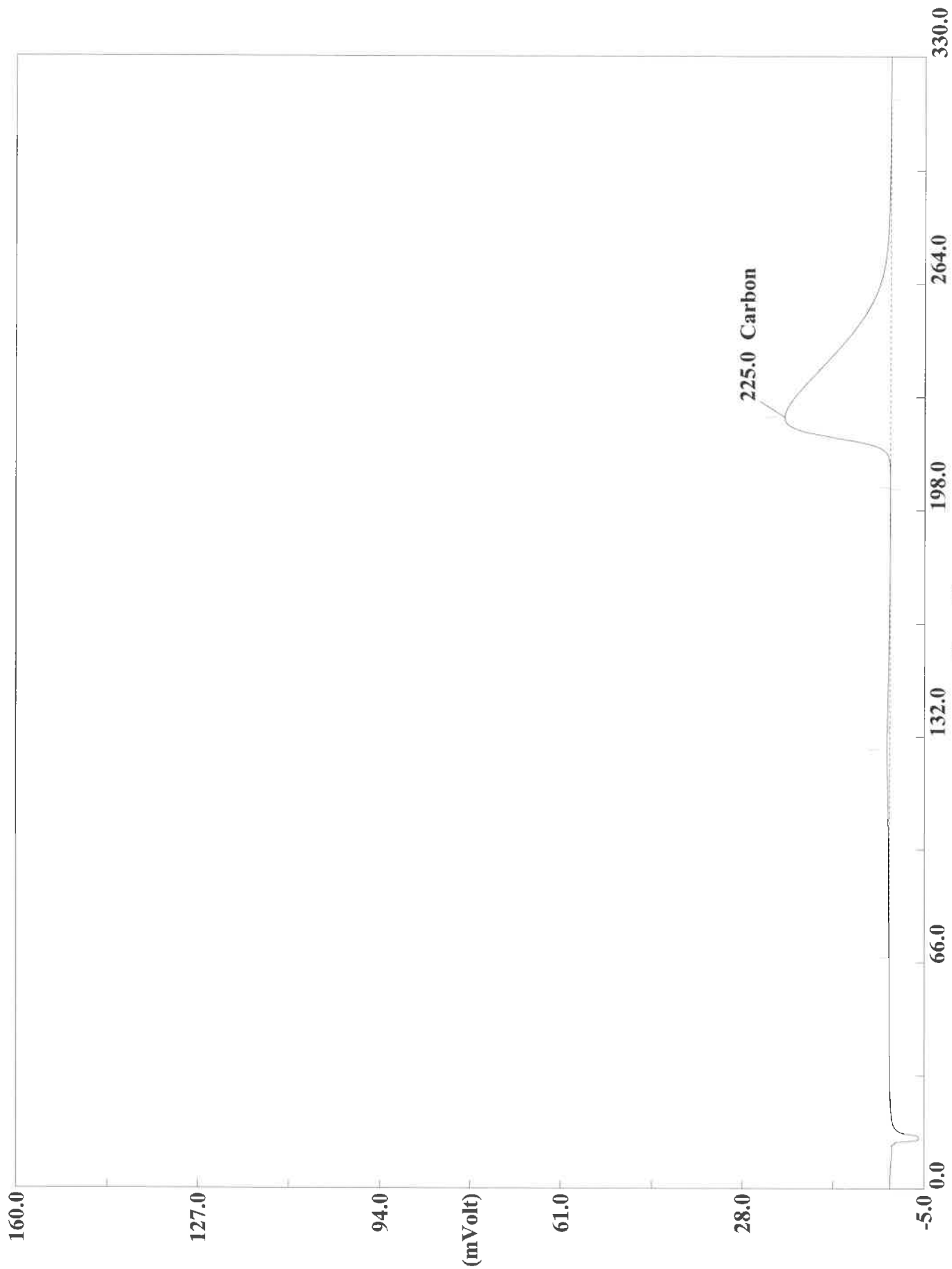
Page: 1 Sample: 460-218641-E-2 (A093020136)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020136
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 03:09 Printed : 10/1/2020 07:02
Sample ID : 460-218641-E-2 (# 147)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.4614	234	5023473	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020138.DAT
Sample name :CCV Analysed :10/01/2020 03:20

Eager 300 Report

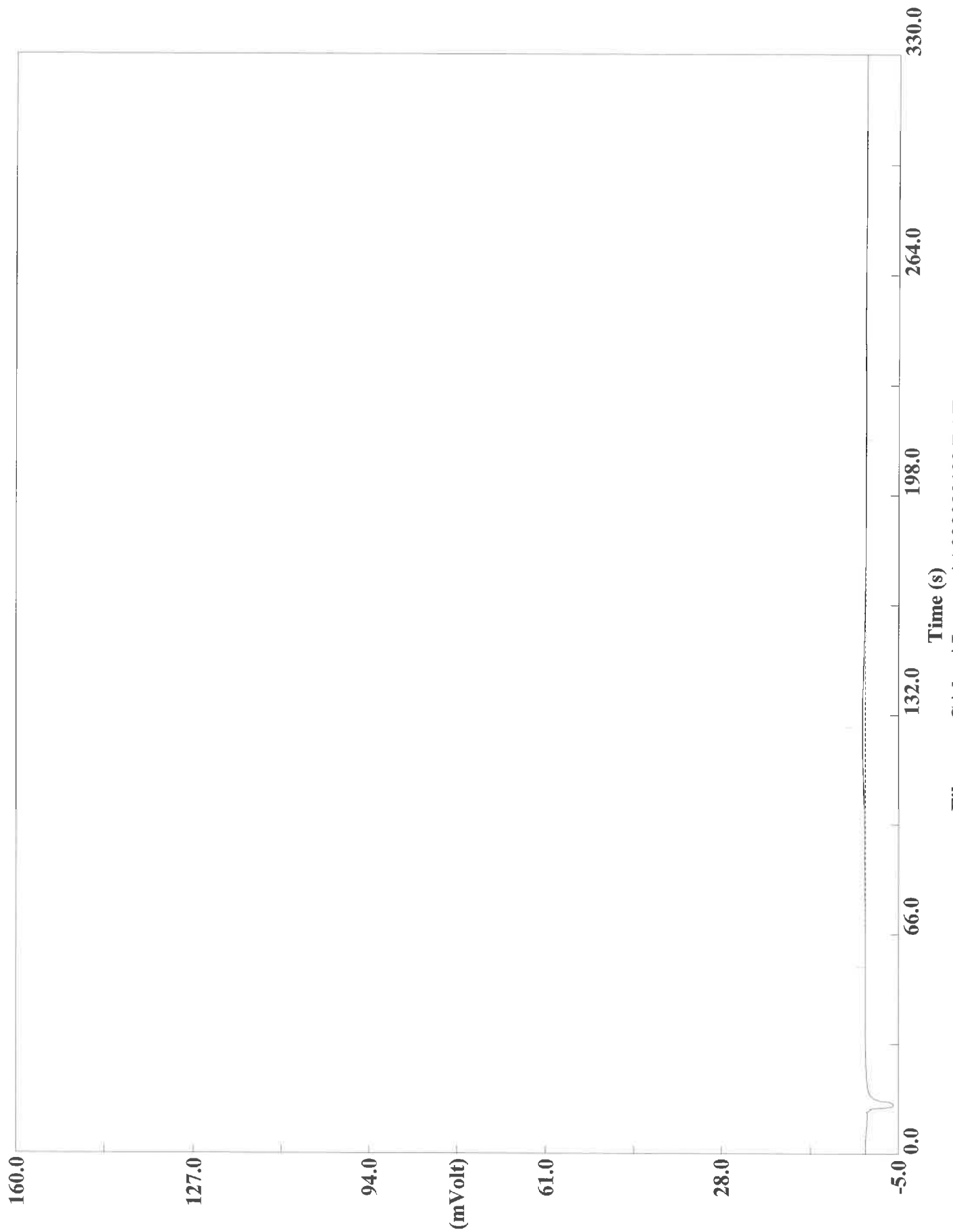
Page: 1 Sample: CCV (A093020138)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020138
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 03:20 Printed : 10/1/2020 07:02
Sample ID : CCV (# 149)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0105	225	5252112	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/01/20



Filename C:\data\January\A093020139.DAT
Sample name : CCB Analysed : 10/01/2020 03:26

Eager 300 Report

Page: 1 Sample: CCB (A093020139)

Method Name : Lloyd Kahn
Method File : C:\data\January\093020A.mth
Chromatogram : A093020139
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 03:26 Printed : 10/1/2020 07:03
Sample ID : CCB (# 150)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
Method filename : C:\data\January\092320A.mth

Sample table

Chromatogram overwrite : Enabled

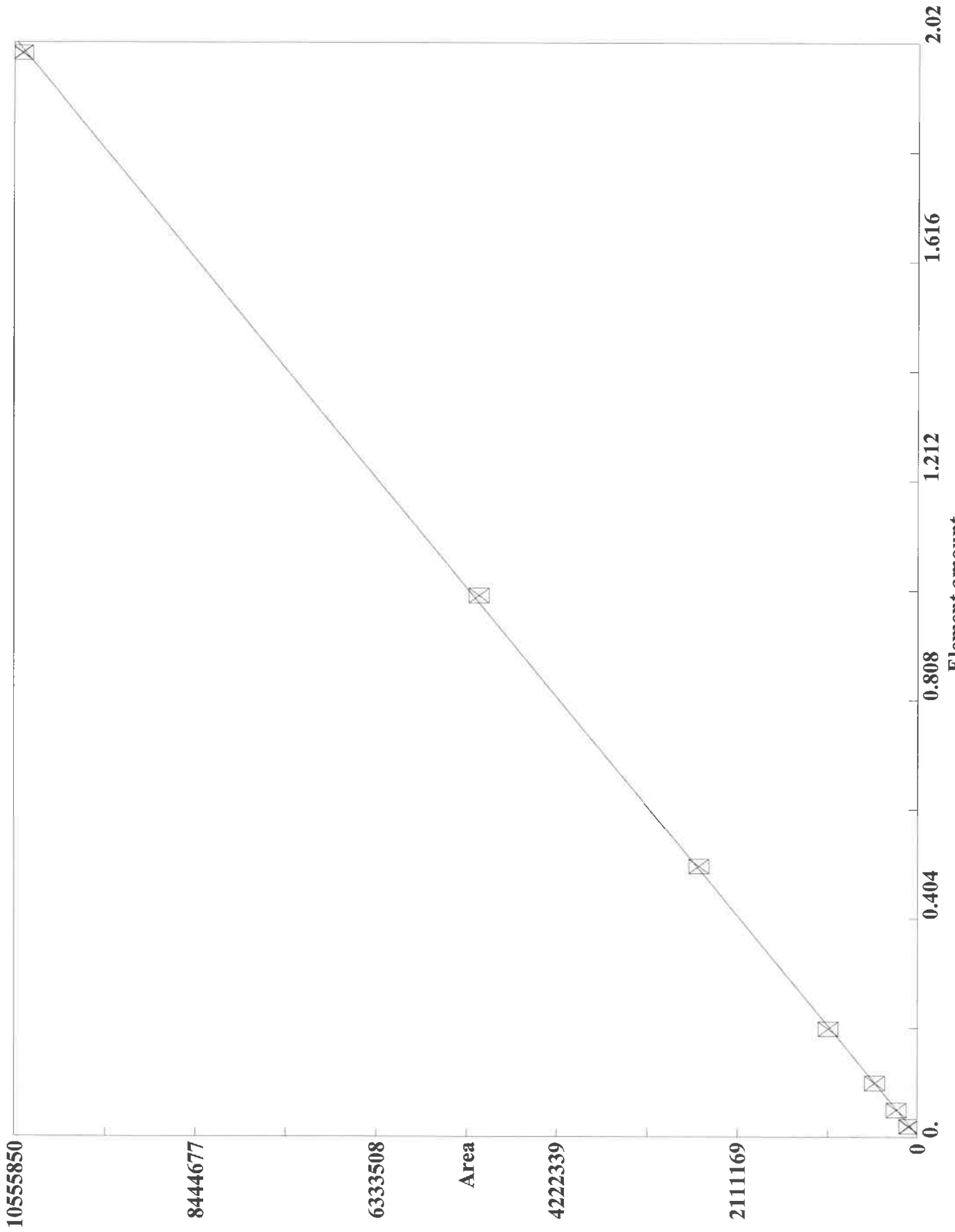
#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	CCV	A092320017	Unk	100	0
13	CCB	A092320018	Unk	20	0
14	MB	A092320019	Unk	21.1	0
15	MB	A092320020	Unk	24.4	0
16	LCS	A092320021	Unk	12.7	0
17	LCS	A092320022	Unk	9.8	0
18	180-110583-A-9	A092320023	Unk	18.2	0
19	180-110583-A-9	A092320024	Unk	18	0
20	Rinse	A092320025	Unk	1	0
21	180-110583-B-14	A092320026	Unk	10.6	0
22	180-110583-B-14	A092320027	Unk	7.4	0
23	Rinse	A092320028	Unk	1	0
24	180-110583-B-14 MS	A092320029	Unk	8.3	0
25	180-110583-B-14 MS	A092320030	Unk	6.6	0
26	Rinse	A092320031	Unk	1	0
27	180-110583-B-14 MSD	A092320032	Unk	7.7	0
28	180-110583-B-14 MSD	A092320033	Unk	7.8	0
29	Rinse	A092320034	Unk	1	0
30	180-110583-A-19	A092320035	Unk	13.1	0
31	180-110583-A-19	A092320036	Unk	16.6	0
32	Rinse	A092320037	Unk	1	0
33	CCV	A092320038	Unk	100	0
34	CCB	A092320039	Unk	20	0
35	180-110583-A-20	A092320040	Unk	11.9	0
36	180-110583-A-20	A092320041	Unk	9.1	0
37	Rinse	A092320042	Unk	1	0

Llyod Kahn %Readback Error Calculation Spreadsheet

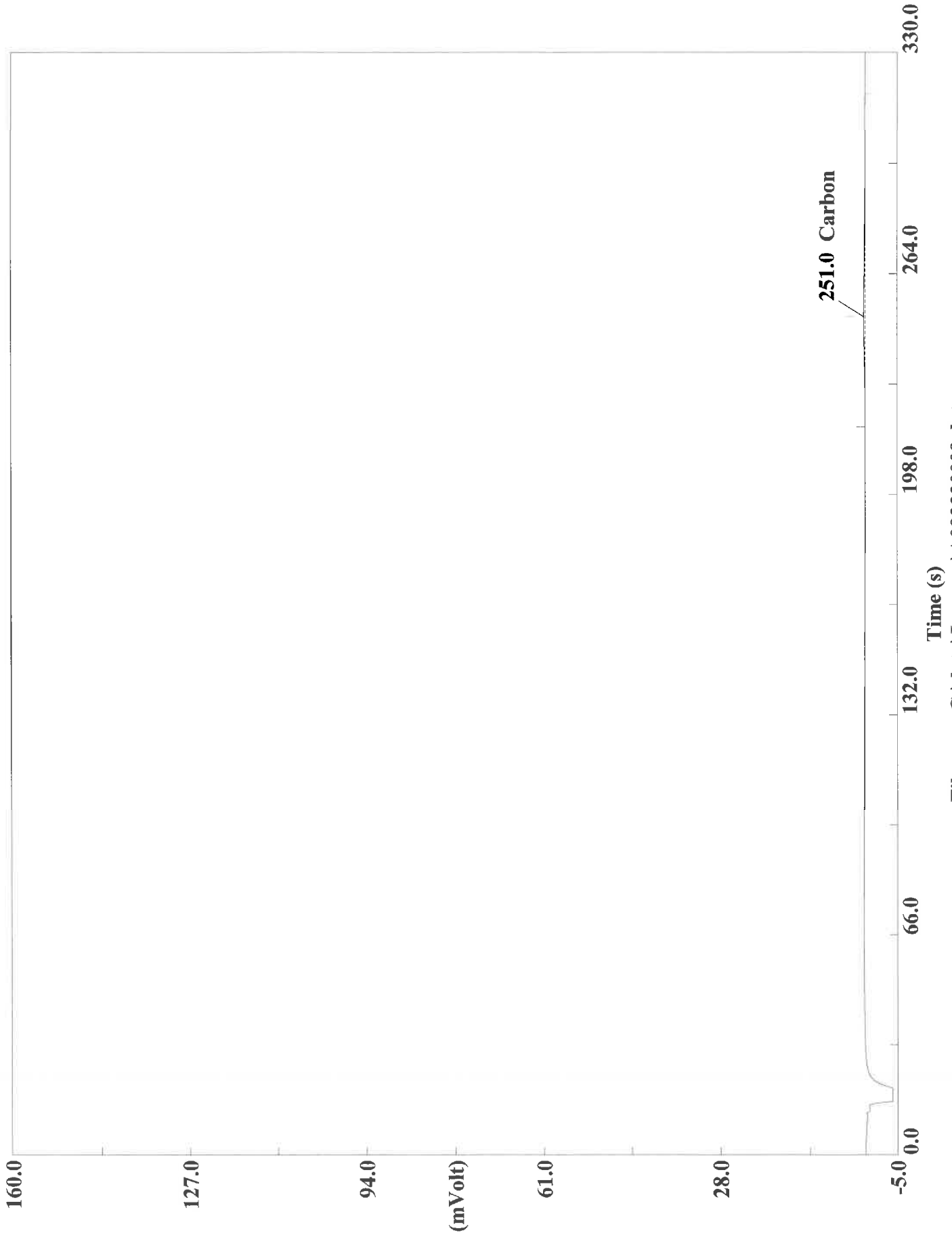
ICAL Std (ppm)	ICAL ID	Average Area	% Actual Carbon of Std.	%Readback Error	%Readback Criteria
1000	092320LK_ICAL	99423	0.0073	27.364	≤50%
2500	092320LK_ICAL	247009	0.0856	14.411	≤30%
5000	092320LK_ICAL	499611	0.0912	8.825	≤30%
10000	092320LK_ICAL	1048607	0.0982	1.838	≤30%
25000	092320LK_ICAL	2561375	0.9721	2.787	≤30%
50000	092320LK_ICAL	5128187	0.9777	2.231	≤30%
100000	092320LK_ICAL	10456420	0.9991	0.090	≤30%

Kb Value	Ke Value	Volume Cal Standard Injected	True Value Carbon Std in %
		200	0.01
		50	0.10
		100	0.10
		200	0.10
		50	1.00
		100	1.00
		200	1.00

Eager300 Calibration curve



NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320009.dat
Sample name : 1,000 KHP CT#3785365 Analysed : 09/23/2020 14:23

Eager 300 Report

Page: 1 Sample: 1,000 KHP CT#3785365 (A092320009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:23 Printed : 9/23/2020 14:29
Sample ID : 1,000 KHP CT#3785365 (# 4)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0100	251	99423	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320010.dat
Sample name :2,500 KHP CT#3785364 Analysed :09/23/2020 14:29

Eager 300 Report

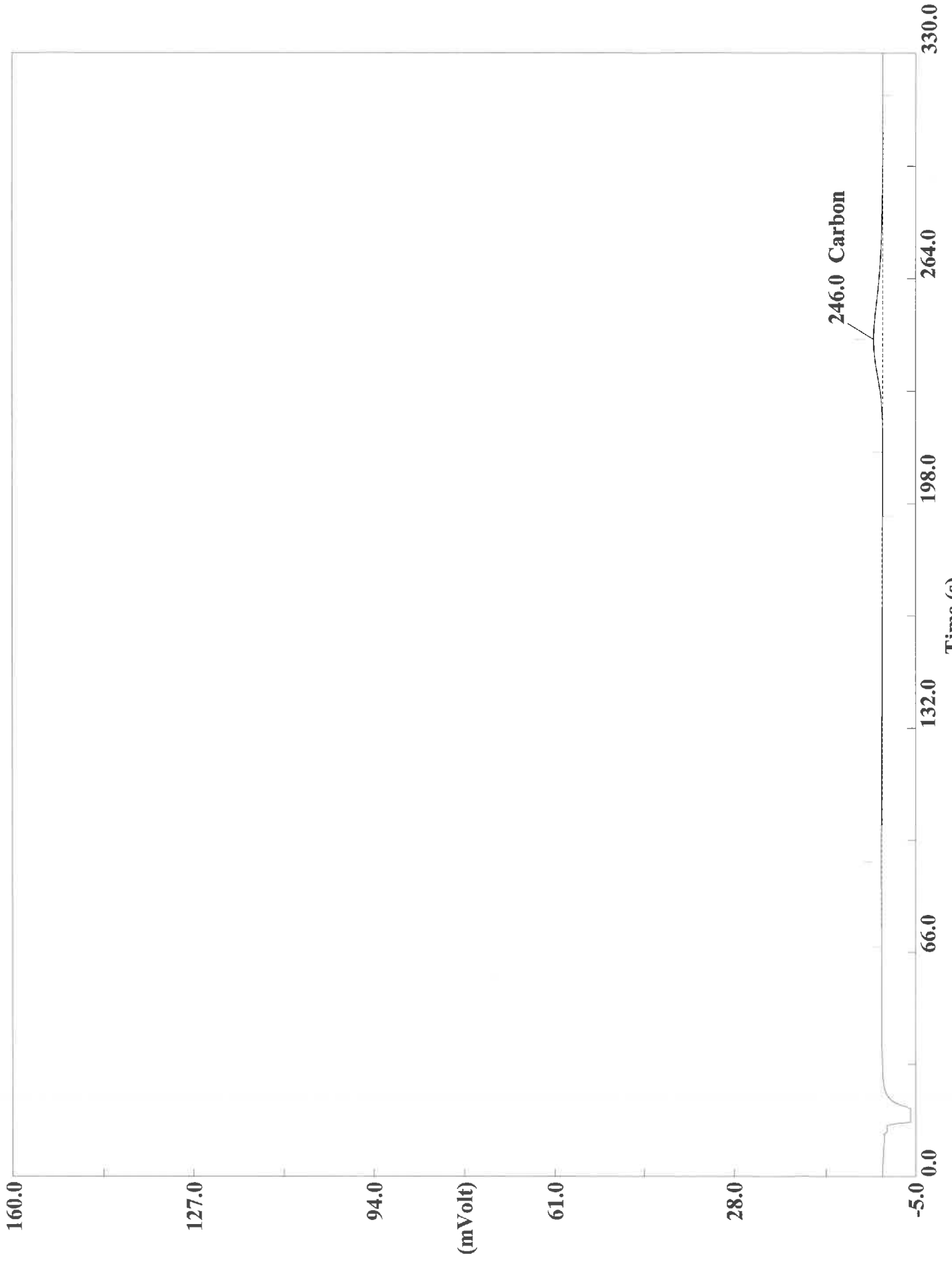
Page: 1 Sample: 2,500 KHP CT#3785364 (A092320010)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320010
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:29 Printed : 9/23/2020 14:34
Sample ID : 2,500 KHP CT#3785364 (# 5)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	248	247009	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320011.dat
Sample name :5,000 KHP CT#3785364 Analysed :09/23/2020 14:34

Eager 300 Report

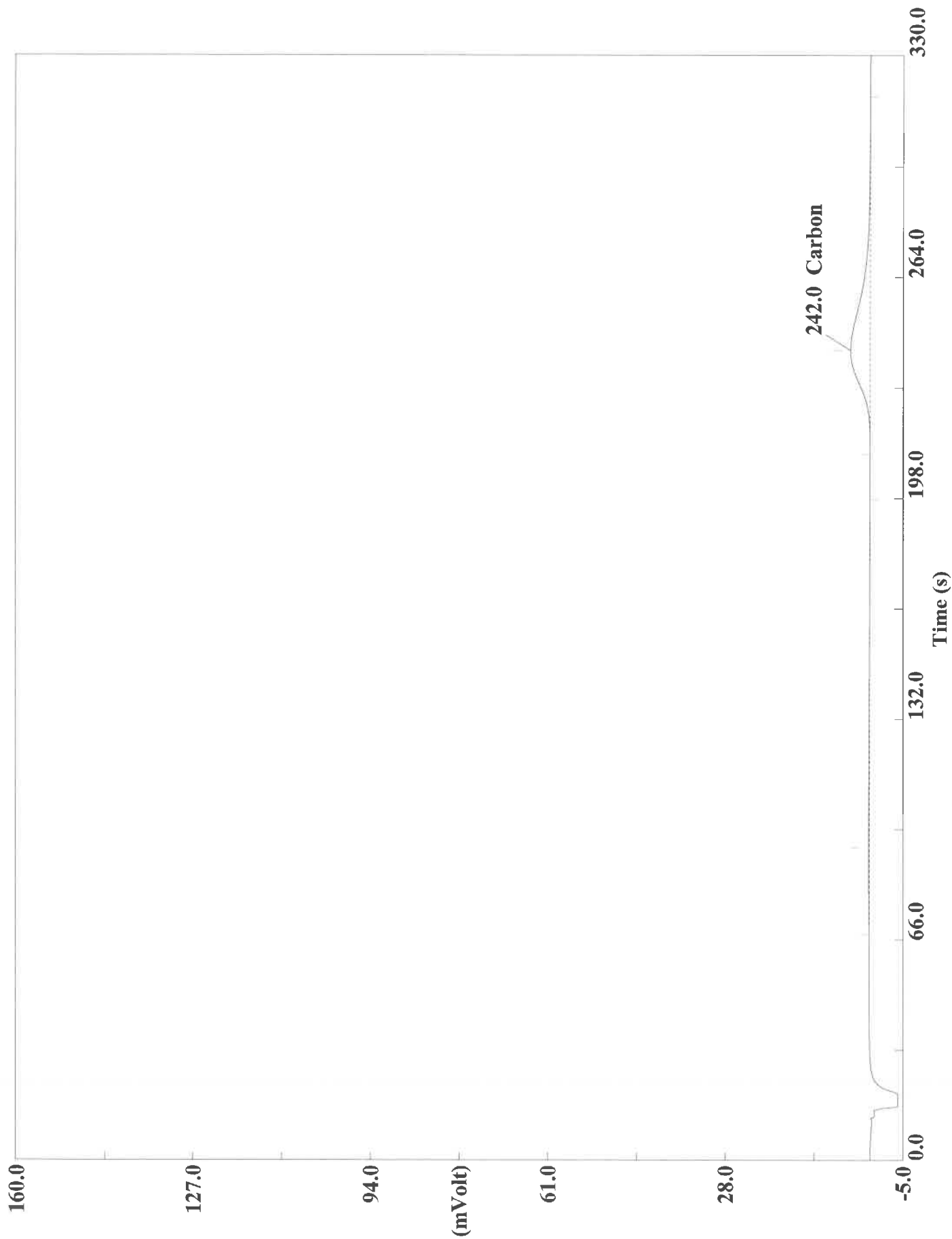
Page: 1 Sample: 5,000 KHP CT#3785364 (A092320011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:34 Printed : 9/23/2020 14:40
Sample ID : 5,000 KHP CT#3785364 (# 6)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	246	499611	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320012.dat
Sample name : 10,000 KHP CT#3785364 Analysed : 09/23/2020 14:40

Eager 300 Report

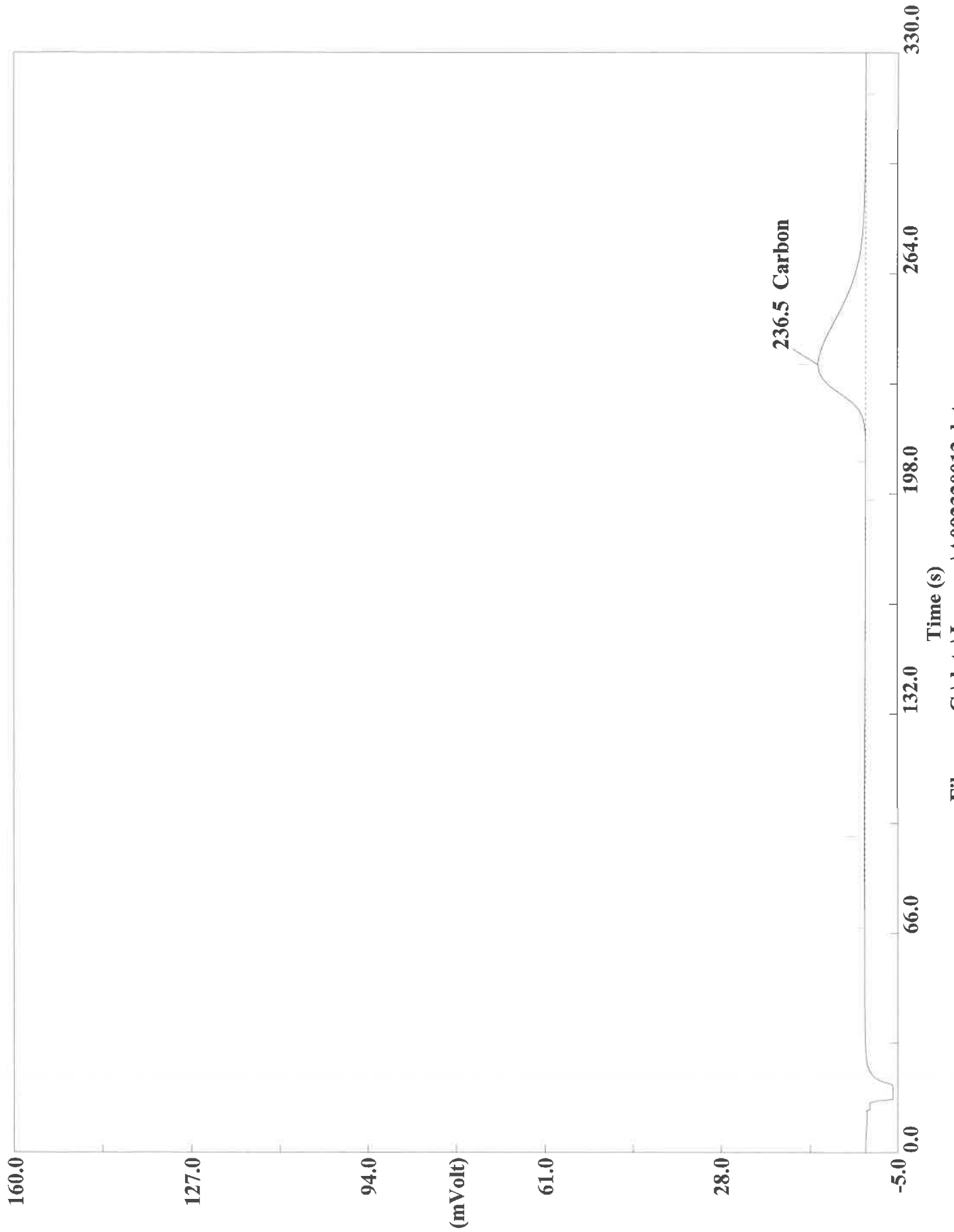
Page: 1 Sample: 10,000 KHP CT#3785364 (A092320012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:40 Printed : 9/23/2020 14:46
Sample ID : 10,000 KHP CT#3785364 (# 7)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	242	1048607	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320013.dat
Sample name :25,000 KHP CT#3785363 Analysed :09/23/2020 14:46

Eager 300 Report

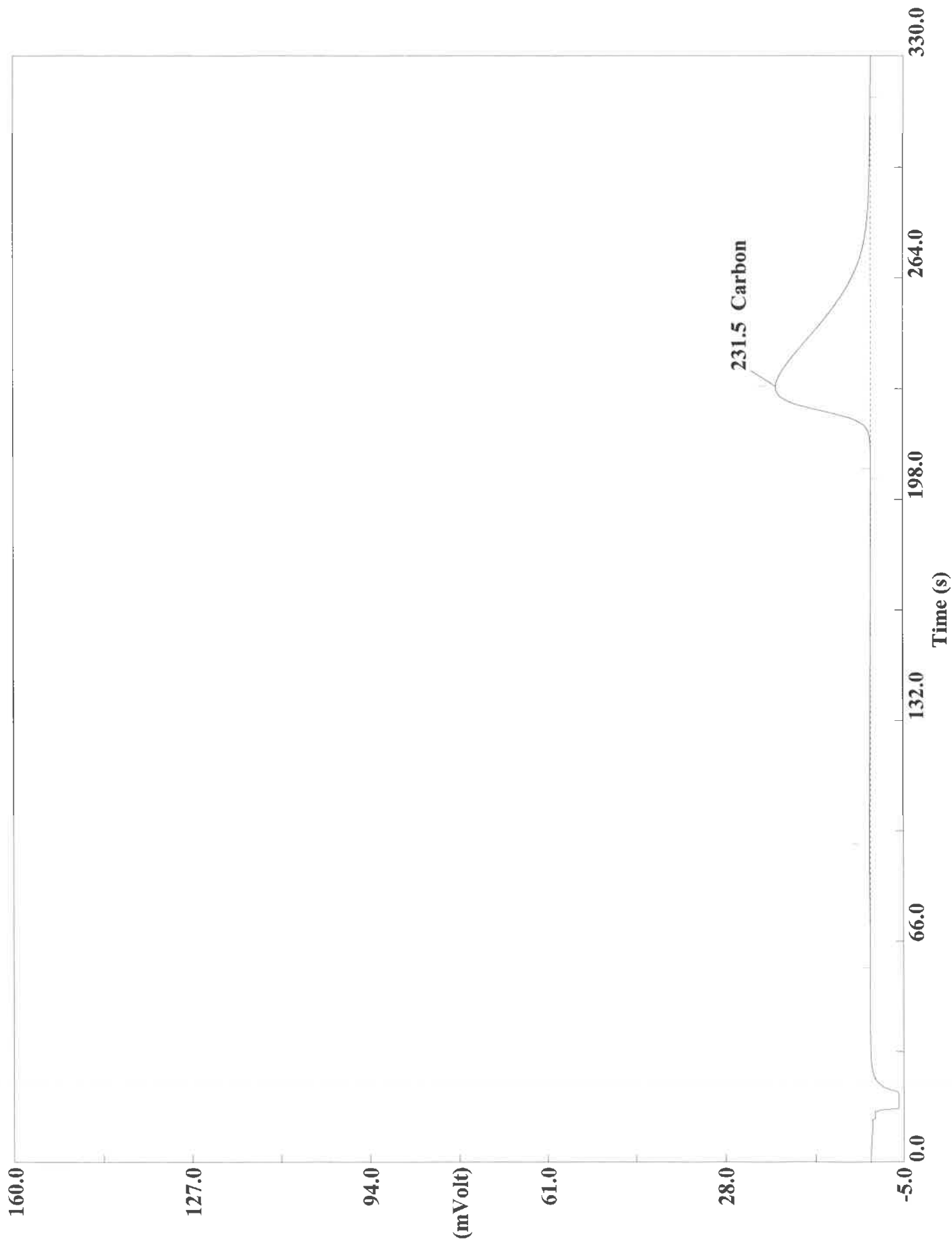
Page: 1 Sample: 25,000 KHP CT#3785363 (A092320013)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320013
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:46 Printed : 9/23/2020 14:51
Sample ID : 25,000 KHP CT#3785363 (# 8)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	237	2561375	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320014.dat
Sample name :50,000 KHP CT#3785363 Analysed :09/23/2020 14:51

Eager 300 Report

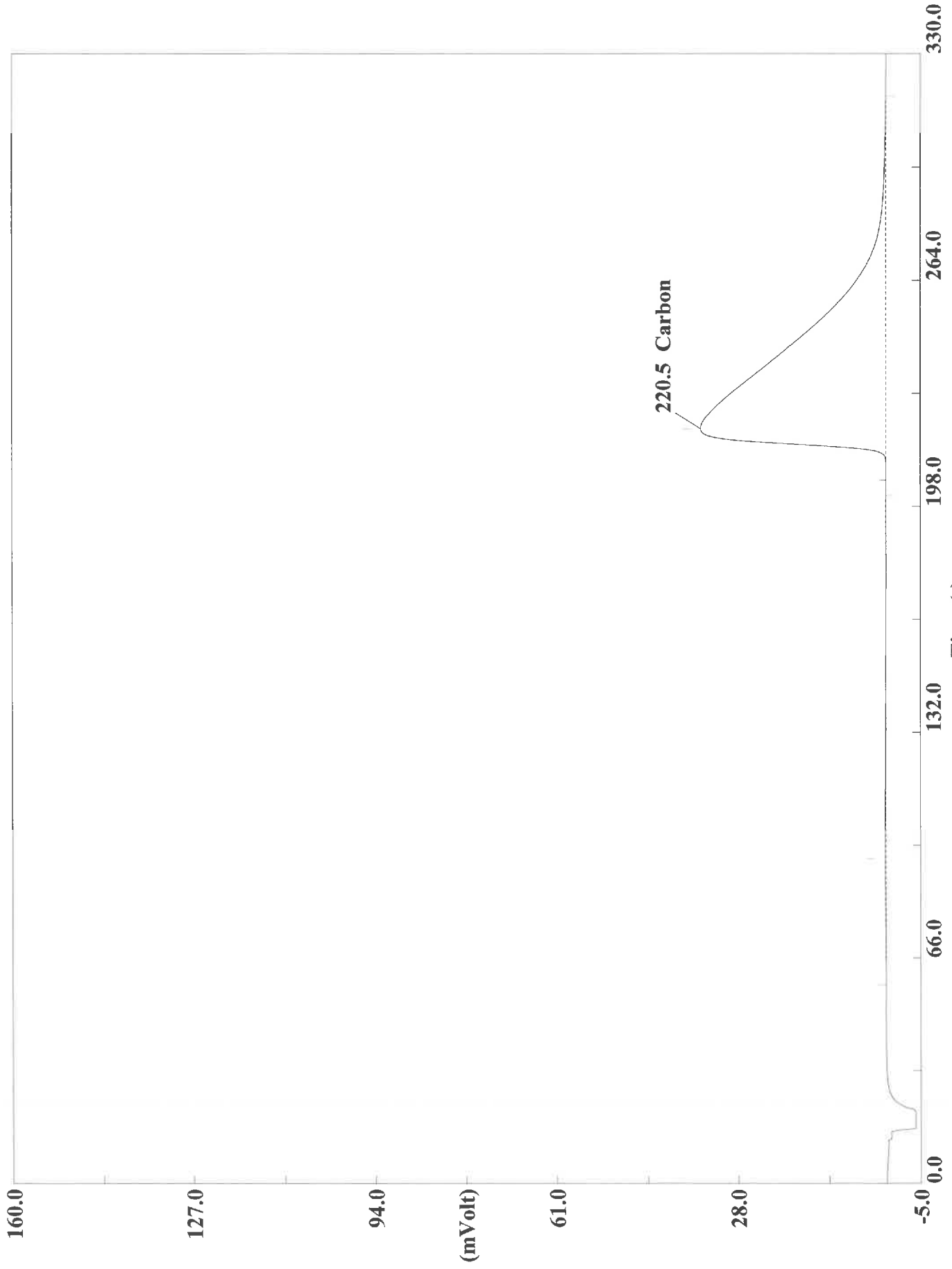
Page: 1 Sample: 50,000 KHP CT#3785363 (A092320014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:51 Printed : 9/23/2020 14:57
Sample ID : 50,000 KHP CT#3785363 (# 9)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	232	5128187	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320015.dat
Sample name : 100,000 KHP CT#3785363 Analysed : 09/23/2020 14:57

Eager 300 Report

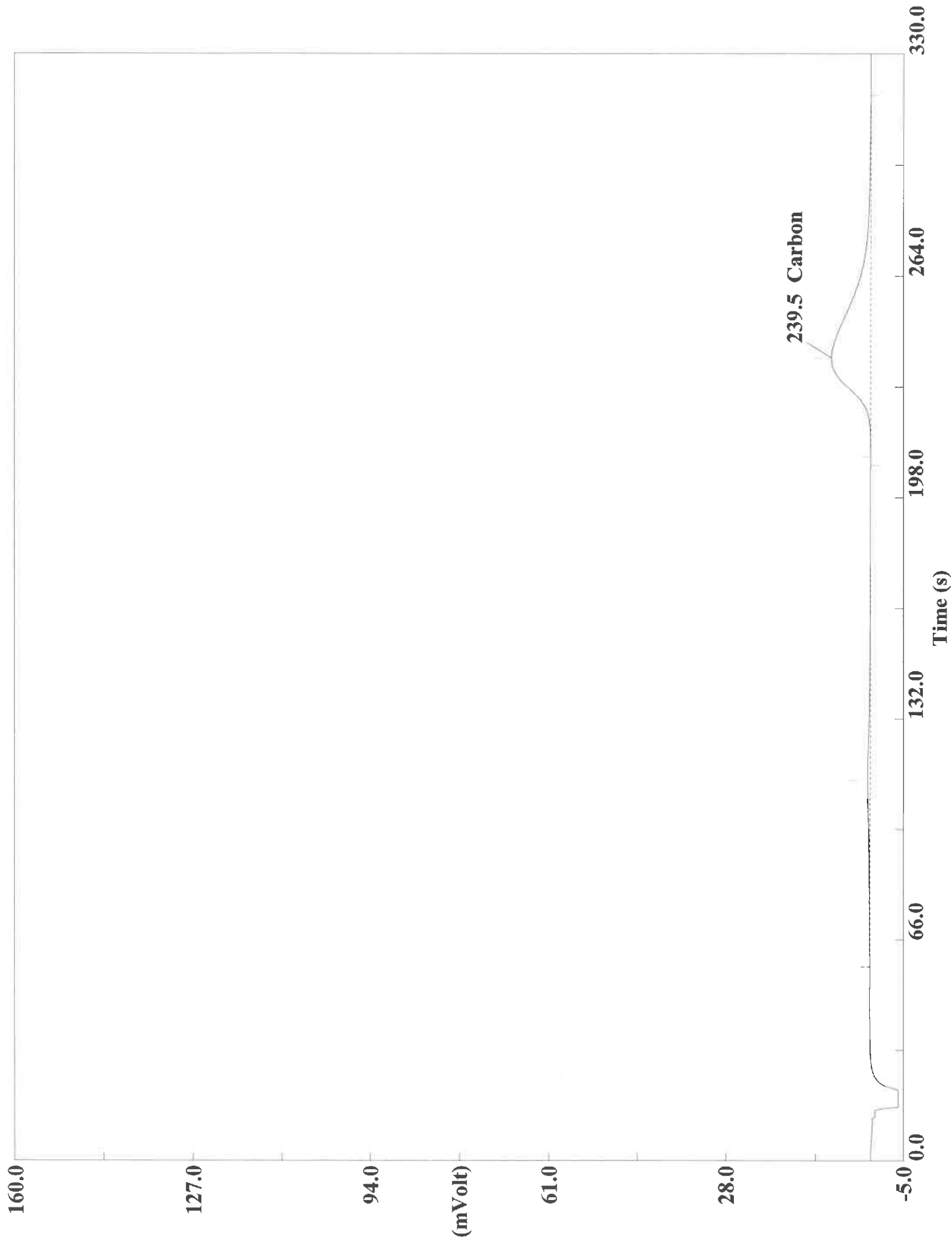
Page: 1 Sample: 100,000 KHP CT#3785363 (A092320015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:57 Printed : 9/23/2020 15:03
Sample ID : 100,000 KHP CT#3785363 (# 10)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	221	10456420	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320016.dat

Sample name :ICV 37,810 KHP CT#3742673 Analysed :09/23/2020 15:03

Eager 300 Report

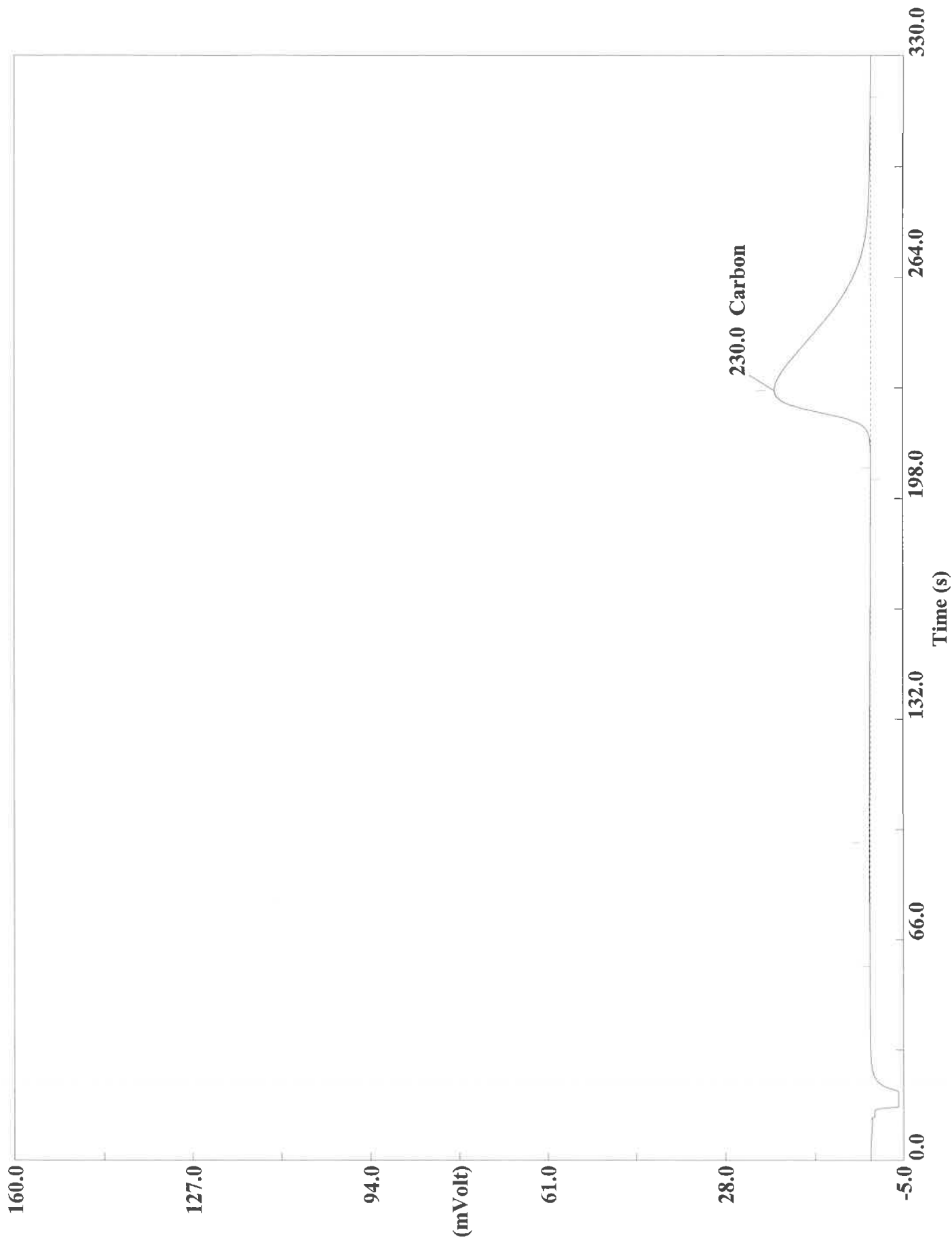
Page: 1 Sample: ICV 37,810 KHP CT#3742673 (A092320016)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320016
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:03 Printed : 9/23/2020 15:08
Sample ID : ICV 37,810 KHP CT#3742673 (# 11)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4865	240	2087987	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320017.dat
Sample name :CCV Analysed :09/23/2020 15:08

Eager 300 Report

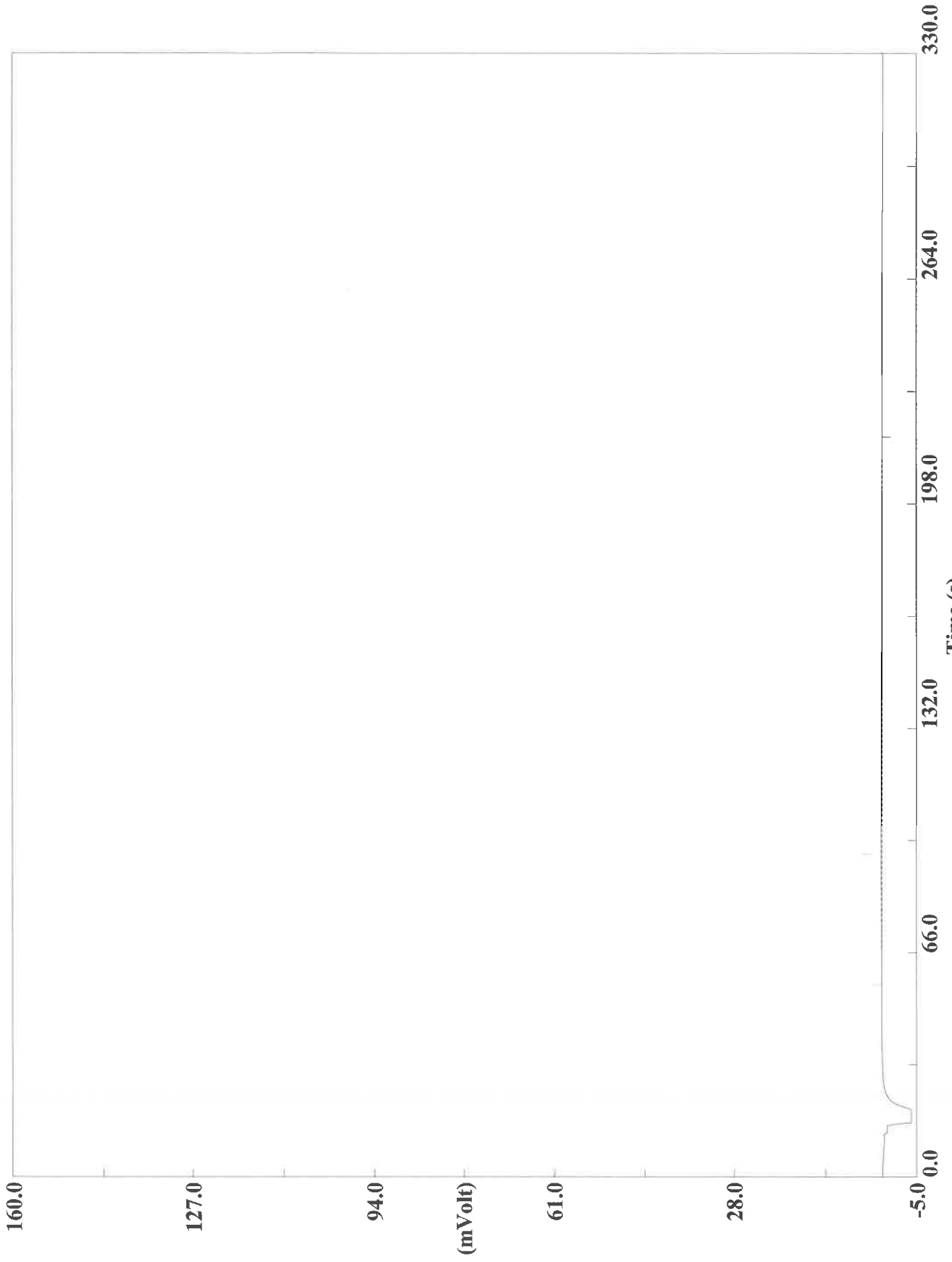
Page: 1 Sample: CCV (A092320017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:08 Printed : 9/23/2020 15:14
Sample ID : CCV (# 12)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9923	230	5157272	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320018.dat
Sample name :CCB Analysed :09/23/2020 15:14

Eager 300 Report

Page: 1 Sample: CCB (A092320018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:14 Printed : 9/23/2020 15:20
Sample ID : CCB (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\100120A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 10/1/20 BATCH 332087

#	Sample name	Filename	Type	Weight	Hum.%
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A100120001	Unk	1	0
13	CCV	A100120002	Unk	100	0
14	CCB	A100120003	Unk	20	0
15	MB	A100120004	Unk	23.4	0
16	MB	A100120005	Unk	24.6	0
17	LCS	A100120006	Unk	10.7	0
18	LCS	A100120007	Unk	9.9	0
19	180-111287-A-20	A100120008	Unk	20.6	0
20	180-111287-A-20	A100120009	Unk	19	0
21	Rinse	A100120010	Unk	1	0
22	180-111287-A-20 MS	A100120011	Unk	19.2	0
23	180-111287-A-20 MS	A100120012	Unk	21	0
24	Rinse	A100120013	Unk	1	0
25	180-111287-A-20 MSD	A100120014	Unk	16	0
26	180-111287-A-20 MSD	A100120015	Unk	19.4	0
27	Rinse	A100120016	Unk	1	0
28	180-111287-A-21	A100120017	Unk	21.6	0
29	180-111287-A-21	A100120018	Unk	18.5	0
30	Rinse	A100120019	Unk	1	0
31	180-111287-A-21 MS	A100120020	Unk	20	0
32	180-111287-A-21 MS	A100120021	Unk	23.7	0
33	Rinse	A100120022	Unk	1	0
34	CCV	A100120023	Unk	100	0
35	CCB	A100120024	Unk	20	0
36	180-111287-A-21 MSD	A100120025	Unk	17	0
37	180-111287-A-21 MSD	A100120026	Unk	18.1	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A100120027	Unk	1	0
39	180-111287-A-52	A100120028	Unk	22.8	0
40	180-111287-A-52	A100120029	Unk	24.9	0
41	Rinse	A100120030	Unk	1	0
42	180-111287-A-58	A100120031	Unk	22.9	0
43	180-111287-A-58	A100120032	Unk	22.2	0
44	Rinse	A100120033	Unk	1	0
45	180-111287-A-59	A100120034	Unk	23.1	0
46	180-111287-A-59	A100120035	Unk	20.9	0
47	Rinse	A100120036	Unk	1	0
48	180-111287-A-60	A100120037	Unk	29	0
49	180-111287-A-60	A100120038	Unk	29.4	0
50	Rinse	A100120039	Unk	1	0
51	180-111287-A-61	A100120040	Unk	21	0
52	180-111287-A-61	A100120041	Unk	24.1	0
53	Rinse	A100120042	Unk	1	0
54	CCV	A100120043	Unk	100	0
55	CCB	A100120044	Unk	20	0
56	180-111287-A-62	A100120045	Unk	24.6	0
57	180-111287-A-62	A100120046	Unk	19.9	0
58	Rinse	A100120047	Unk	1	0
59	180-111287-A-63	A100120048	Unk	17.2	0
60	180-111287-A-63	A100120049	Unk	20.7	0
61	Rinse	A100120050	Unk	1	0
62	180-111287-A-64	A100120051	Unk	22.2	0
63	180-111287-A-64	A100120052	Unk	25.5	0
64	Rinse	A100120053	Unk	1	0
65	180-111287-A-65	A100120054	Unk	24.9	0
66	180-111287-A-65	A100120055	Unk	26.3	0
67	Rinse	A100120056	Unk	1	0
68	180-111287-A-66	A100120057	Unk	20	0
69	180-111287-A-66	A100120058	Unk	19.5	0
70	Rinse	A100120059	Unk	1	0
71	180-111287-A-67	A100120060	Unk	24.2	0
72	180-111287-A-67	A100120061	Unk	20.5	0
73	Rinse	A100120062	Unk	1	0
74	CCV	A100120063	Unk	100	0
75	CCB	A100120064	Unk	20	0
76	180-111287-A-69	A100120065	Unk	23.8	0
77	180-111287-A-69	A100120066	Unk	19.2	0
78	Rinse	A100120067	Unk	1	0
79	180-111287-A-70	A100120068	Unk	23.8	0
80	180-111287-A-70	A100120069	Unk	22.2	0
81	Rinse	A100120070	Unk	1	0
82	180-111287-A-71	A100120071	Unk	21.5	0
83	180-111287-A-71	A100120072	Unk	22.3	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A100120073	Unk	1	0
85	180-111287-A-72	A100120074	Unk	22	0
86	180-111287-A-72	A100120075	Unk	19.2	0
87	Rinse	A100120076	Unk	1	0
88	180-111287-A-73	A100120077	Unk	18	0
89	180-111287-A-73	A100120078	Unk	18.3	0
90	Rinse	A100120079	Unk	1	0
91	180-111287-A-74	A100120080	Unk	21.9	0
92	180-111287-A-74	A100120081	Unk	17.6	0
93	Rinse	A100120082	Unk	1	0
94	CCV	A100120083	Unk	100	0
95	CCB	A100120084	Unk	20	0
96	MB	A100120085	Unk	22.4	0
97	MB	A100120086	Unk	22.2	0
98	LCS	A100120087	Unk	10.1	0
99	LCS	A100120088	Unk	10.6	0
100	180-111287-A-68	A100120089	Unk	23.7	0
101	180-111287-A-68	A100120090	Unk	20.5	0
102	Rinse	A100120091	Unk	1	0
103	180-111287-A-68 MS	A100120092	Unk	21.1	0
104	180-111287-A-68 MS	A100120093	Unk	20.2	0
105	Rinse	A100120094	Unk	1	0
106	180-111287-A-68 MSD	A100120095	Unk	24.2	0
107	180-111287-A-68 MSD	A100120096	Unk	19.1	0
108	Rinse	A100120097	Unk	1	0
109	180-111287-A-75	A100120098	Unk	22.8	0
110	180-111287-A-75	A100120099	Unk	22.3	0
111	Rinse	A100120100	Unk	1	0
112	180-111287-A-76	A100120101	Unk	23.7	0
113	180-111287-A-76	A100120102	Unk	22.4	0
114	Rinse	A100120103	Unk	1	0
115	CCV	A100120104	Unk	100	0
116	CCB	A100120105	Unk	20	0
117	180-111287-A-77	A100120106	Unk	23.7	0
118	180-111287-A-77	A100120107	Unk	20.5	0
119	Rinse	A100120108	Unk	1	0
120	180-111287-A-78	A100120109	Unk	23.8	0
121	180-111287-A-78	A100120110	Unk	20.1	0
122	Rinse	A100120111	Unk	1	0
123	180-111287-A-79	A100120112	Unk	16.4	0
124	180-111287-A-79	A100120113	Unk	21.1	0
125	Rinse	A100120114	Unk	1	0
126	180-111287-A-80	A100120115	Unk	23.3	0
127	180-111287-A-80	A100120116	Unk	25.6	0
128	Rinse	A100120117	Unk	1	0
129	180-111287-A-81	A100120118	Unk	20.4	0

#	Sample name	Filename	Type	Weight	Hum. %
130	180-111287-A-81	A100120119	Unk	28.2	0
131	Rinse	A100120120	Unk	1	0
132	180-111287-A-82	A100120121	Unk	23.9	0
133	180-111287-A-82	A100120122	Unk	21.1	0
134	Rinse	A100120123	Unk	1	0
135	CCV	A100120124	Unk	100	0
136	CCB	A100120125	Unk	20	0
137	180-111287-A-83	A100120126	Unk	19.7	0
138	180-111287-A-83	A100120127	Unk	20.1	0
139	Rinse	A100120128	Unk	1	0
140	180-111287-A-84	A100120129	Unk	24.9	0
141	180-111287-A-84	A100120130	Unk	20.9	0
142	Rinse	A100120131	Unk	1	0
143	180-111287-A-94	A100120132	Unk	20.9	0
144	180-111287-A-94	A100120133	Unk	20.3	0
145	Rinse	A100120134	Unk	1	0
146	180-111287-A-95	A100120135	Unk	22.2	0
147	180-111287-A-95	A100120136	Unk	17.7	0
148	Rinse	A100120137	Unk	1	0
149	CCV	A100120138	Unk	100	0
150	CCB	A100120139	Unk	20	0

Analyst:

Don Ferguson

Date:

10/1/20

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	23.4	
	MB	24.6	24.0
	LCS	10.7	
	LCS	9.9	10.3
180-111287-20	111287-20	20.6	
	-20	19.0	19.8
	111287-20MS	19.2 + 10.8	
	-20MS	21.0 + 9.5	20.1 + 10.15
	111287-20MSD	16.0 + 8.8	
	-20MSD	19.4 + 7.6	17.7 + 8.2
180-111287-21	111287-21	21.6	
	-21	18.5	20.05
	111287-21MS	20.0 + 9.1	
	-21MS	23.7 + 9.3	21.85 + 9.2
	111287-21MSD	17.0 + 9.6	
	-21MSD	18.1 + 7.4	17.55 + 8.5
	MB	22.4	
	MB	22.2	22.3
	LCS	10.1	
	LCS	10.6	10.35
180-111287-68	111287-68	23.7	
	-68	20.5	22.1
	111287-68MS	21.1 + 10.7	
	-68MS	20.2 + 8.2	20.65 + 9.45
	111287-68MSD	24.2 + 9.3	
	-68MSD	19.1 + 9.1	21.65 + 9.2

332087
~~BATCH 331942~~ DRF 10/2/20

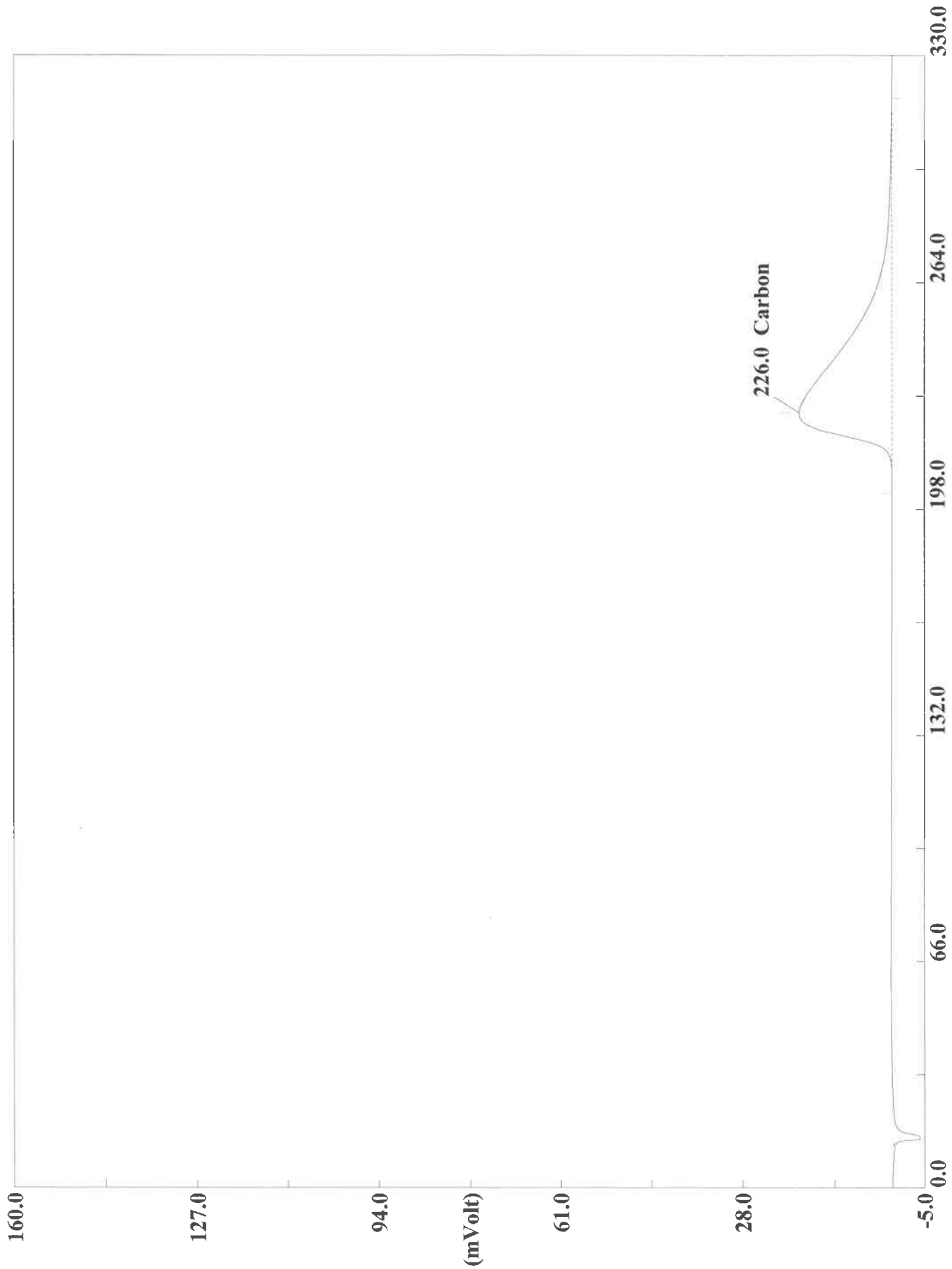
Lloyd Kahn %RPD Replicate Calculation Spreadsheet

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0.07827717		
	MB	0	0.039	200.00
	LCS	3.19214654		
	LCS	3.10139918	3.147	2.88
	180-111287-A-20	2.50014305		
	180-111287-A-20	1.47268498	1.986	51.72
	180-111287-A-20 MS	4.49003553		
	180-111287-A-20 MS	4.01573086	4.253	11.15
	180-111287-A-20 MSD	4.45797253		
	180-111287-A-20 MSD	4.39717436	4.428	1.37
	180-111287-A-21	2.77032781		
	180-111287-A-21	2.76136732	2.766	0.32
	180-111287-A-21 MS	4.26885891		
	180-111287-A-21 MS	4.09296846	4.181	4.21
	180-111287-A-21 MSD	4.49714565		
	180-111287-A-21 MSD	4.0020895	4.250	11.65
	180-111287-A-52	0.27811584		
	180-111287-A-52	0.19959565	0.239	32.87
	180-111287-A-58	3.65574813		
	180-111287-A-58	3.44720769	3.551	5.87
	180-111287-A-59	3.23938298		
	180-111287-A-59	3.75931168	3.499	14.86
	180-111287-A-60	3.75337315		
	180-111287-A-60	3.66619349	3.710	2.35
	180-111287-A-61	4.20566082		
	180-111287-A-61	4.47807121	4.342	6.27
	180-111287-A-62	3.69017911		
	180-111287-A-62	3.95907259	3.825	7.03
	180-111287-A-63	5.2312727		
	180-111287-A-63	5.32517672	5.278	1.78
	180-111287-A-64	3.656214		
	180-111287-A-64	3.28501678	3.471	10.70
	180-111287-A-65	2.88152838		
	180-111287-A-65	4.00274944	3.442	32.57
	180-111287-A-66	3.81389356		
	180-111287-A-66	3.18594551	3.500	17.94
	180-111287-A-67	1.93869674		
	180-111287-A-67	2.12895846	2.034	9.35
	180-111287-A-69	2.30867624		
	180-111287-A-69	2.19496489	2.252	5.05
	180-111287-A-70	1.89086664		
	180-111287-A-70	1.80817676	1.850	4.47
	180-111287-A-71	2.19358468		
	180-111287-A-71	2.3098526	2.252	5.16
	180-111287-A-72	2.22602487		
	180-111287-A-72	2.18399096	2.205	1.91
	180-111287-A-73	1.97414005		
	180-111287-A-73	1.76479053	1.869	11.20
	180-111287-A-74	2.20518374		
	180-111287-A-74	2.13908386	2.172	3.04

< RL

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120002.DAT
Sample name :CCV Analysed :10/01/2020 14:00

Eager 300 Report

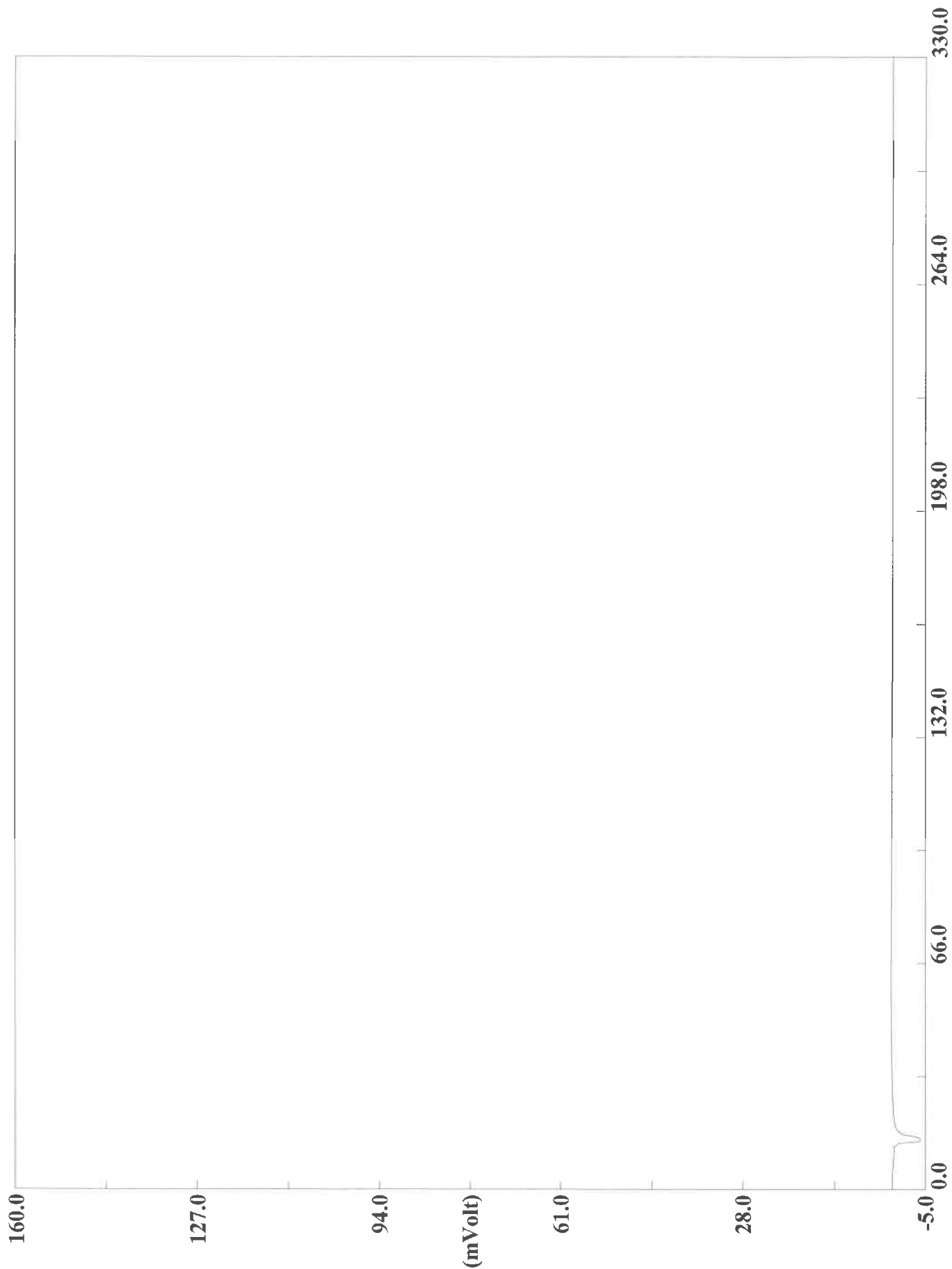
Page: 1 Sample: CCV (A100120002)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:00 Printed : 10/2/2020 07:11
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9652	226	5016027	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120003.DAT
Sample name :CCB Analysed :10/01/2020 14:05

Eager 300 Report

Page: 1 Sample: CCB (A100120003)

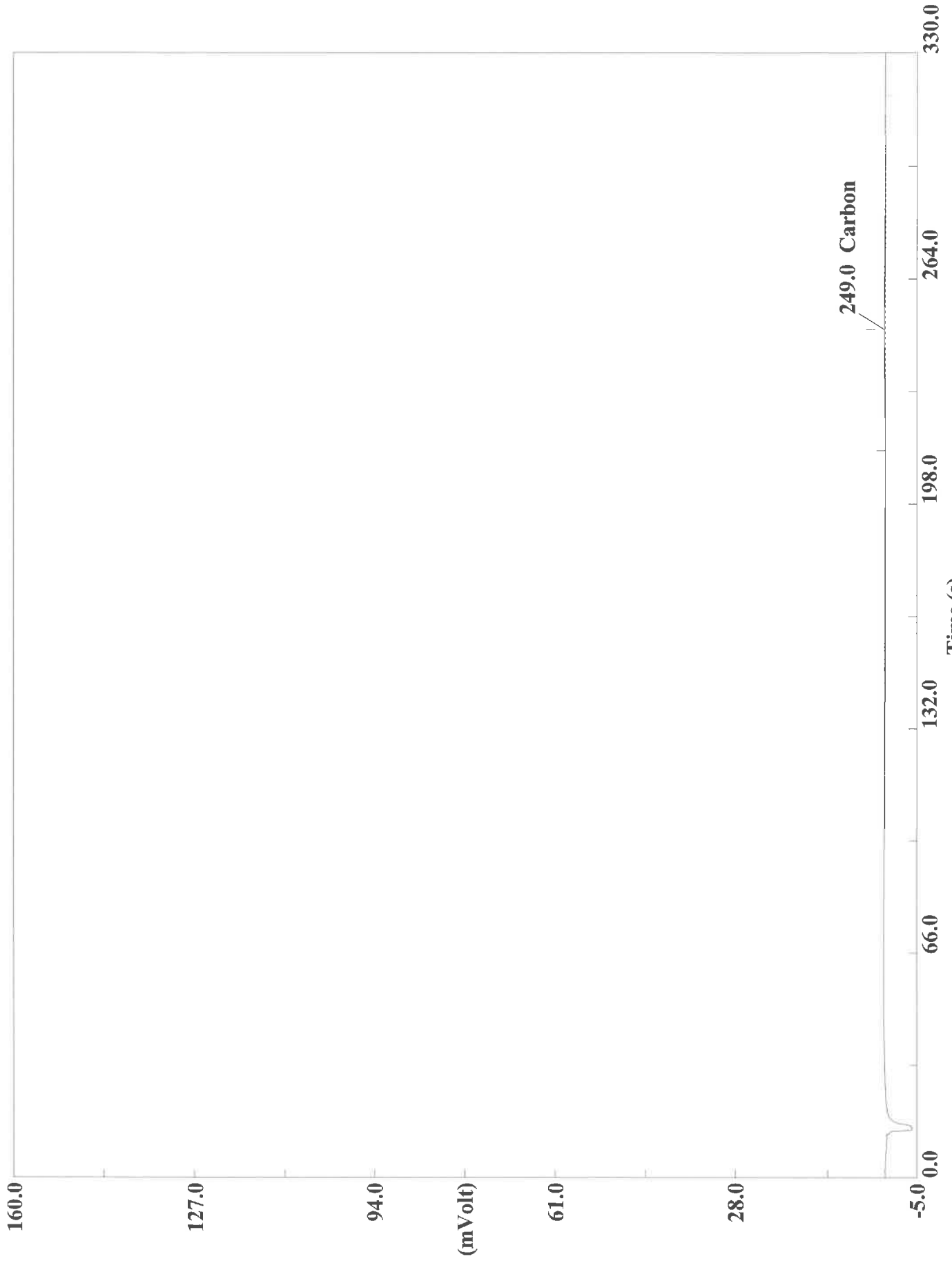
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:05 Printed : 10/2/2020 07:11
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120004.DAT
Sample name :MB Analysed :10/01/2020 14:11

Eager 300 Report

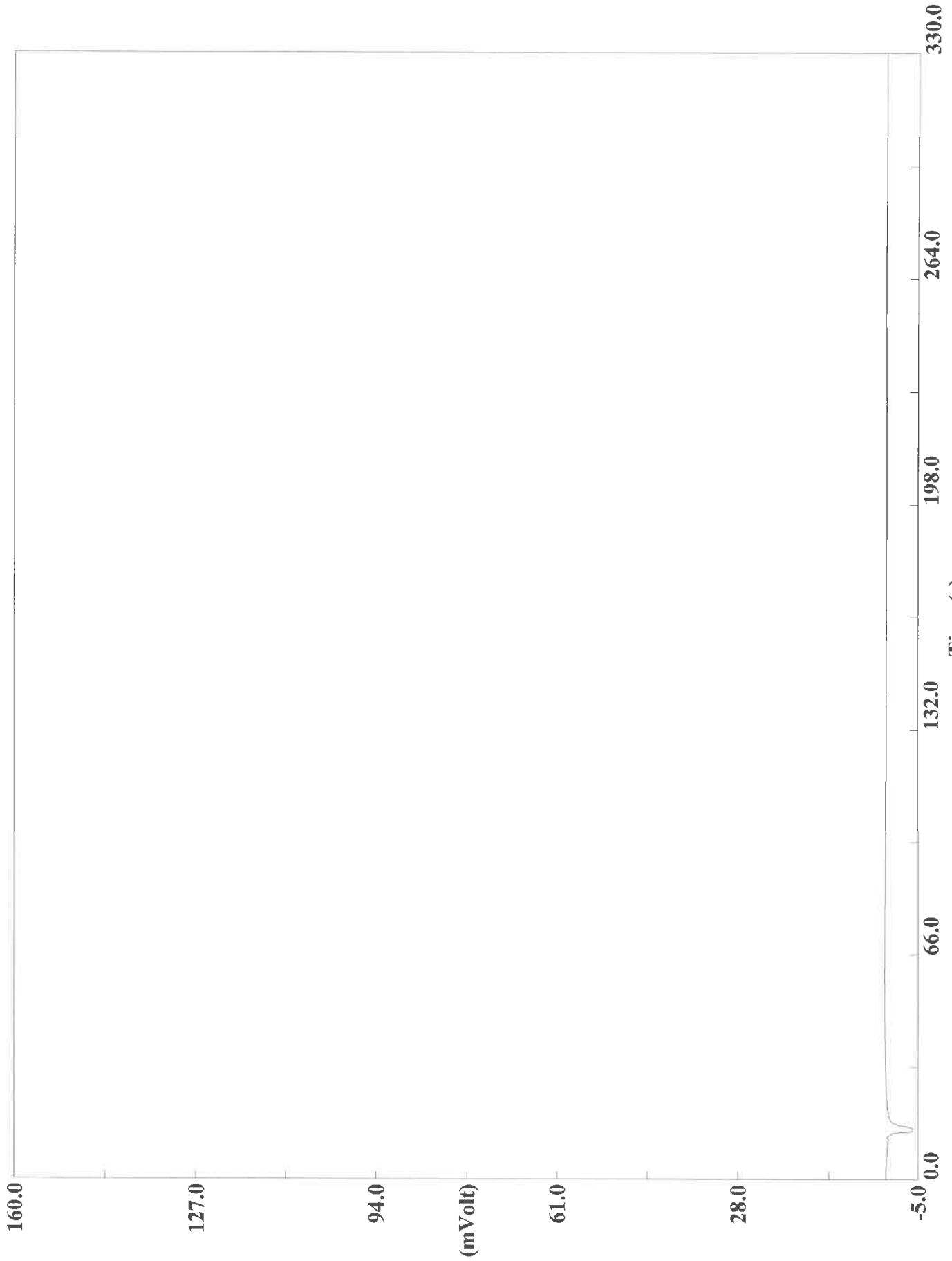
Page: 1 Sample: MB (A100120004)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:11 Printed : 10/2/2020 07:12
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0783	249	72059	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120005.DAT
Sample name :MB Analysed :10/01/2020 14:17

Eager 300 Report

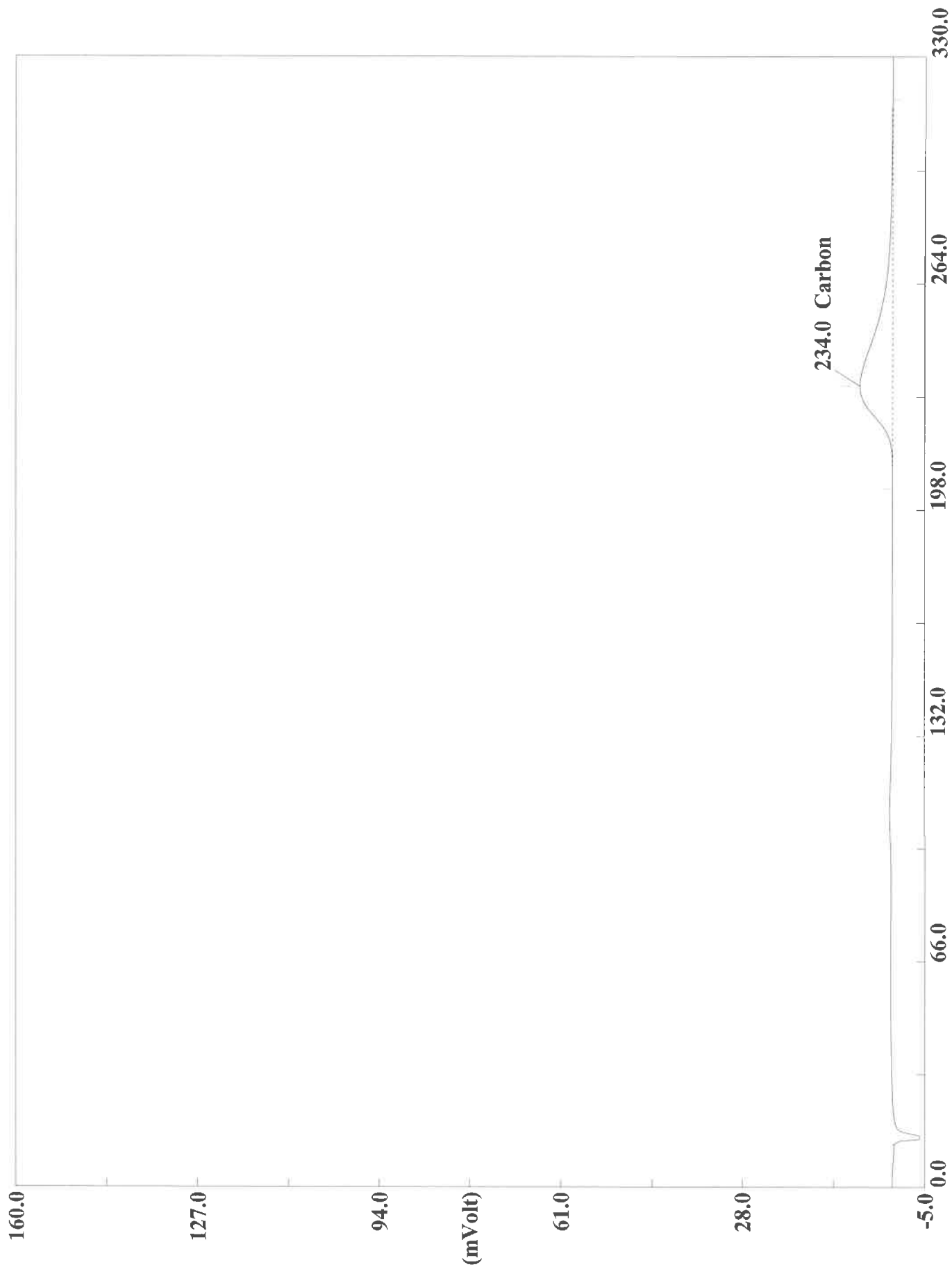
Page: 1 Sample: MB (A100120005)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:17 Printed : 10/2/2020 07:12
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120006.DAT
Sample name :LCS Analysed :10/01/2020 14:22

Eager 300 Report

Page: 1 Sample: LCS (A100120006)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:22 Printed : 10/2/2020 07:12
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1921	234	1759743	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120007.DAT
Sample name :LCS Analysed :10/01/2020 14:28

Eager 300 Report

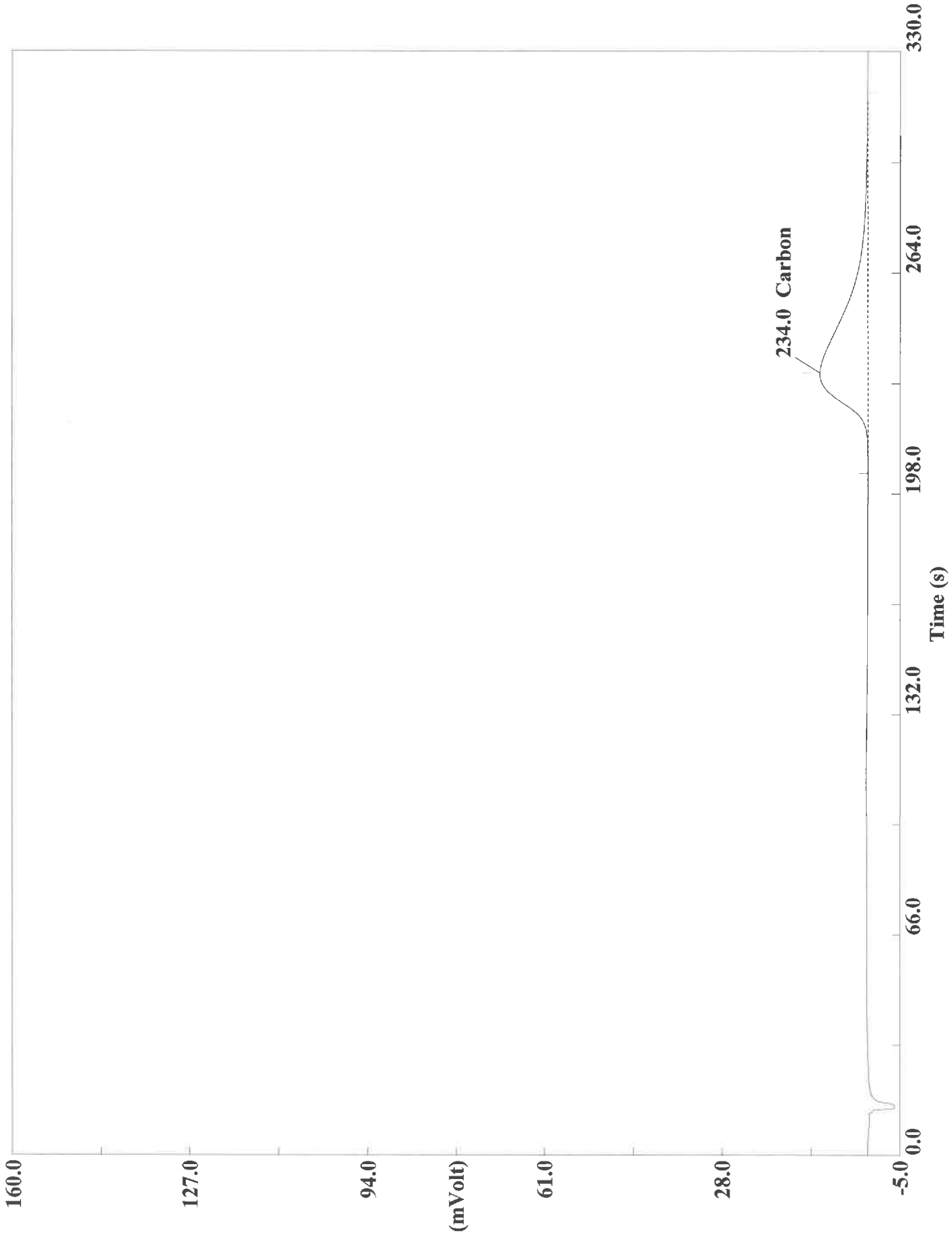
Page: 1 Sample: LCS (A100120007)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:28 Printed : 10/2/2020 07:12
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1014	234	1579504	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120008.DAT
Sample name :180-111287-A-20 Analysed :10/01/2020 14:33

Eager 300 Report

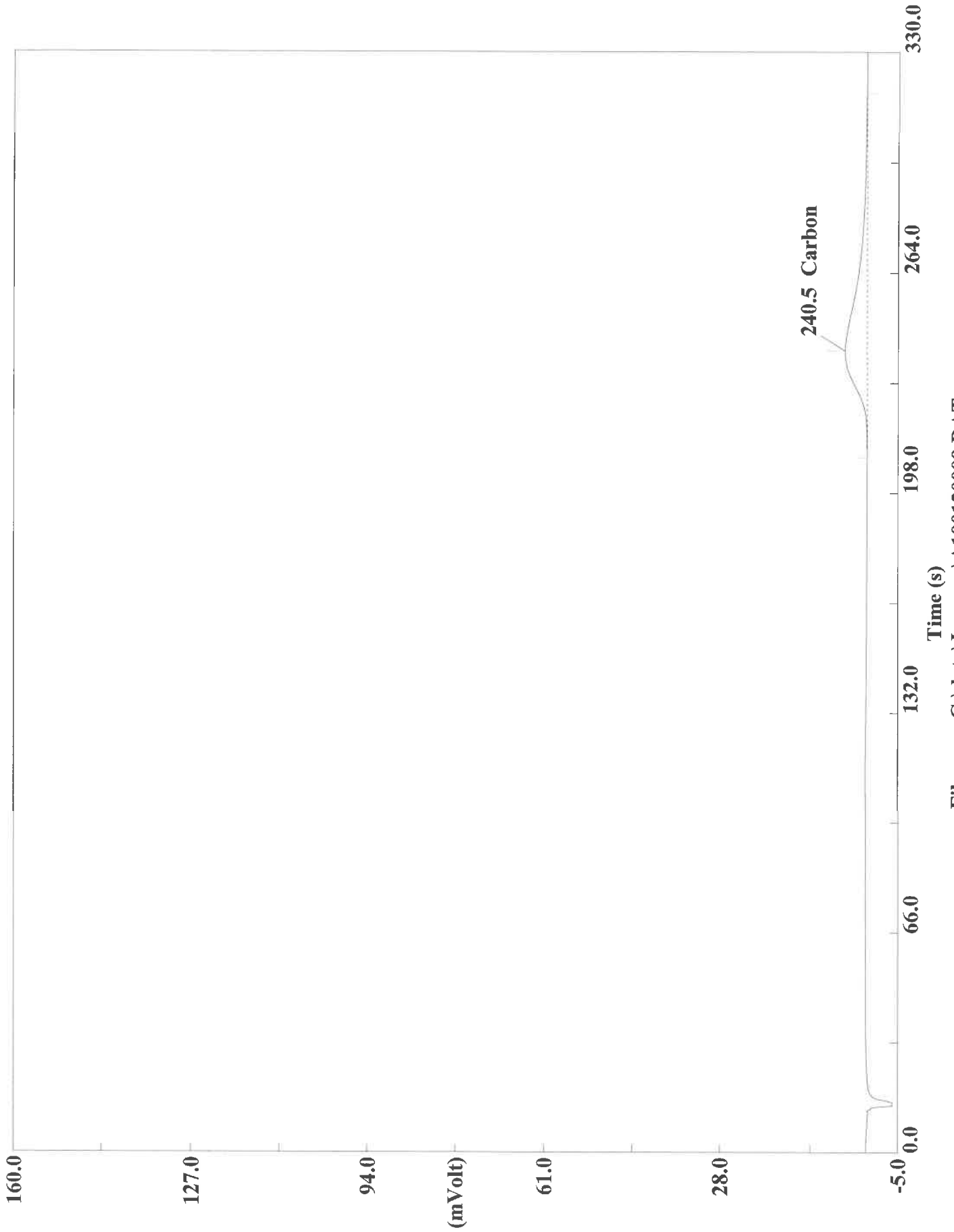
Page: 1 Sample: 180-111287-A-20 (A100120008)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:33 Printed : 10/2/2020 07:13
Sample ID : 180-111287-A-20 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5001	234	2665446	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120009.DAT
Sample name :180-111287-A-20 Analysed :10/01/2020 14:39

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120009.DAT

Sample name :180-111287-A-20 Analysed :10/01/2020 14:39

Eager 300 Report

Page: 1 Sample: 180-111287-A-20 (A100120009)

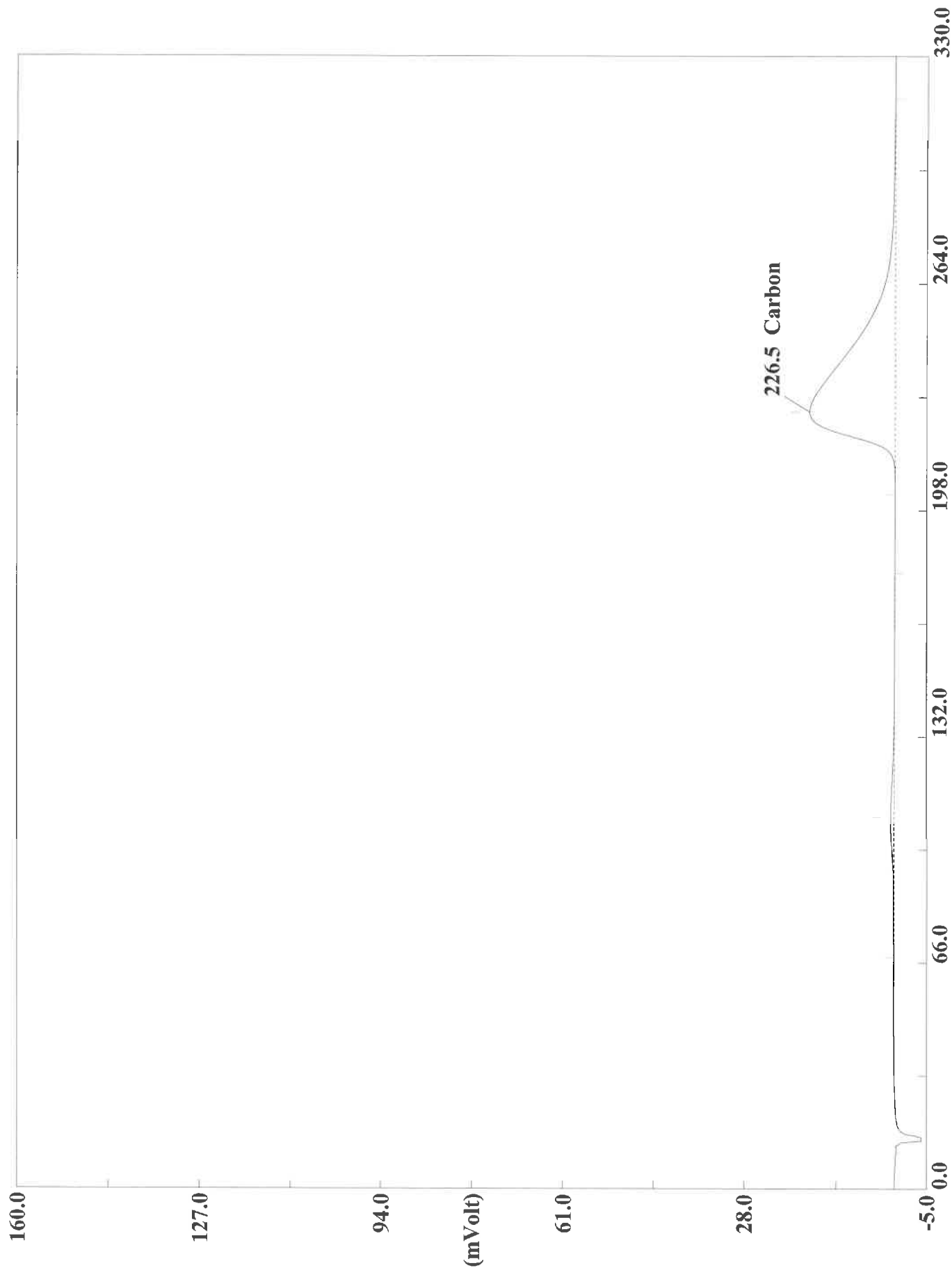
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:39 Printed : 10/2/2020 07:14
Sample ID : 180-111287-A-20 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4727	241	1437342	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120011.DAT
Sample name :180-111287-A-20 MS Analysed :10/01/2020 14:50

Eager 300 Report

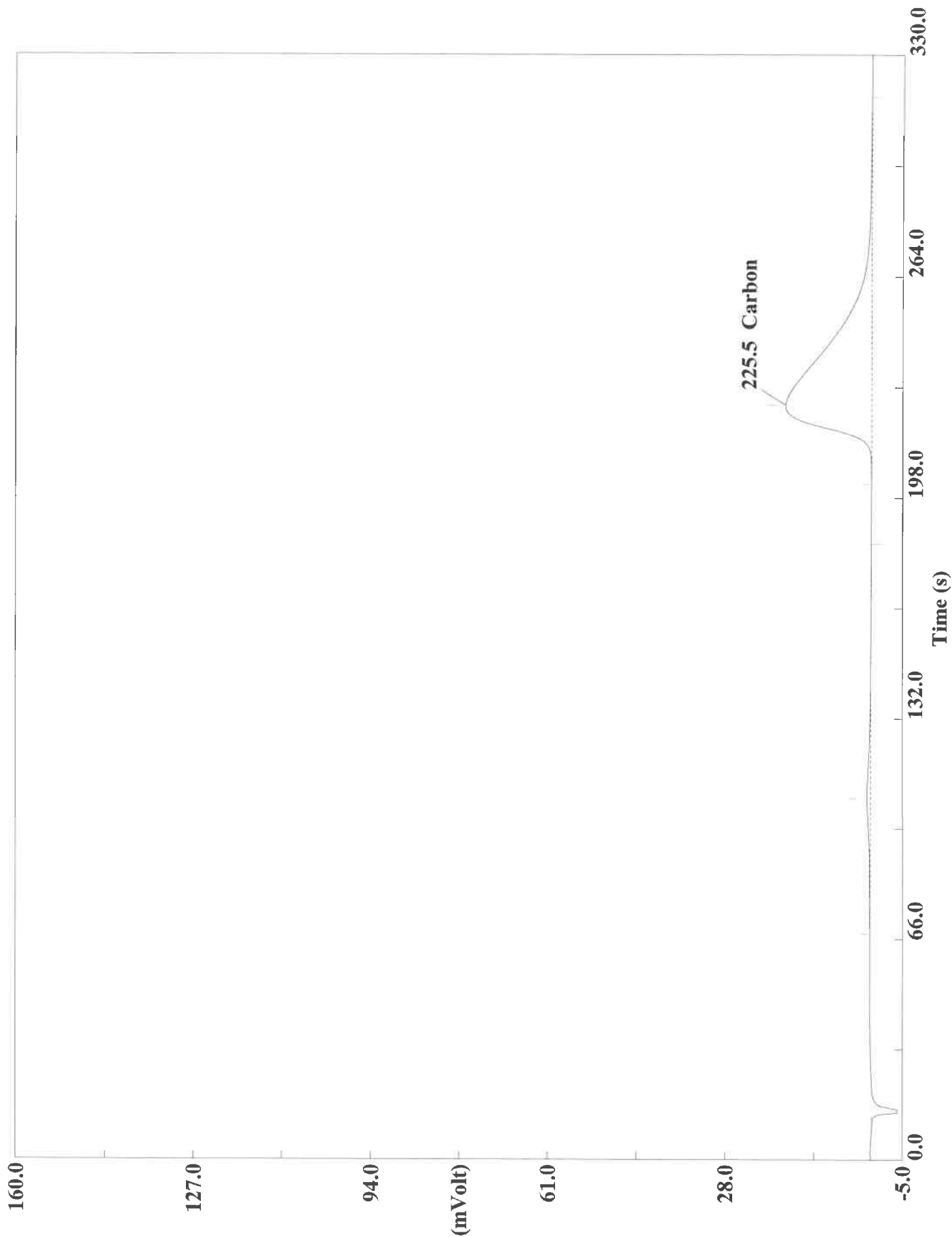
Page: 1 Sample: 180-111287-A-20 MS (A100120011)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:50 Printed : 10/2/2020 07:14
Sample ID : 180-111287-A-20 MS (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4900	227	4477468	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120012.DAT

Sample name :180-111287-A-20 MS Analysed :10/01/2020 14:56

Eager 300 Report

Page: 1 Sample: 180-111287-A-20 MS (A100120012)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 14:56 Printed : 10/2/2020 07:14
Sample ID : 180-111287-A-20 MS (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0157	226	4379398	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120014.DAT

Sample name :180-111287-A-20 MSD Analysed :10/01/2020 15:07

Eager 300 Report

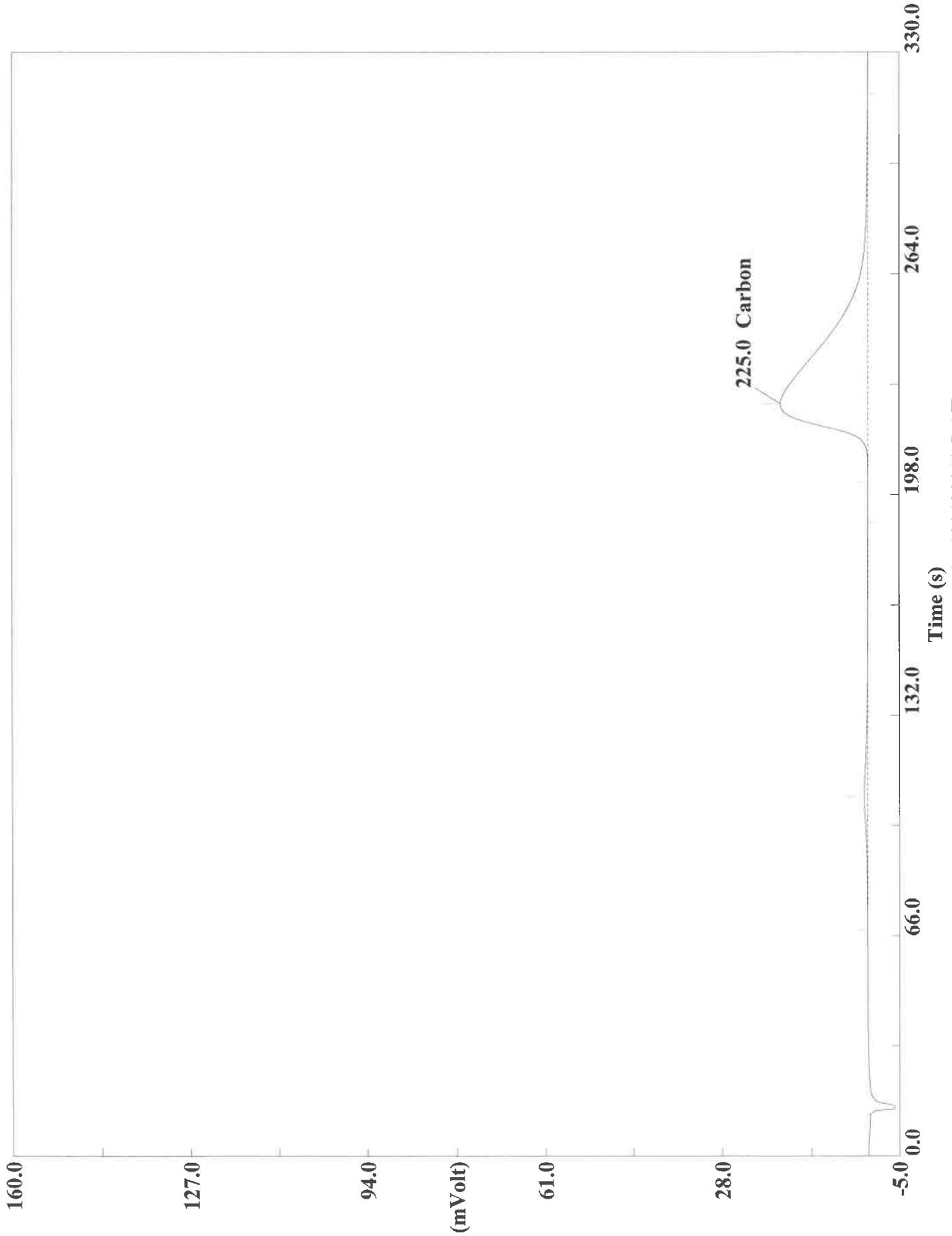
Page: 1 Sample: 180-111287-A-20 MSD (A100120014)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:07 Printed : 10/2/2020 07:14
Sample ID : 180-111287-A-20 MSD (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4580	227	3700509	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120015.DAT
Sample name :180-111287-A-20 MSD Analysed :10/01/2020 15:12

Eager 300 Report

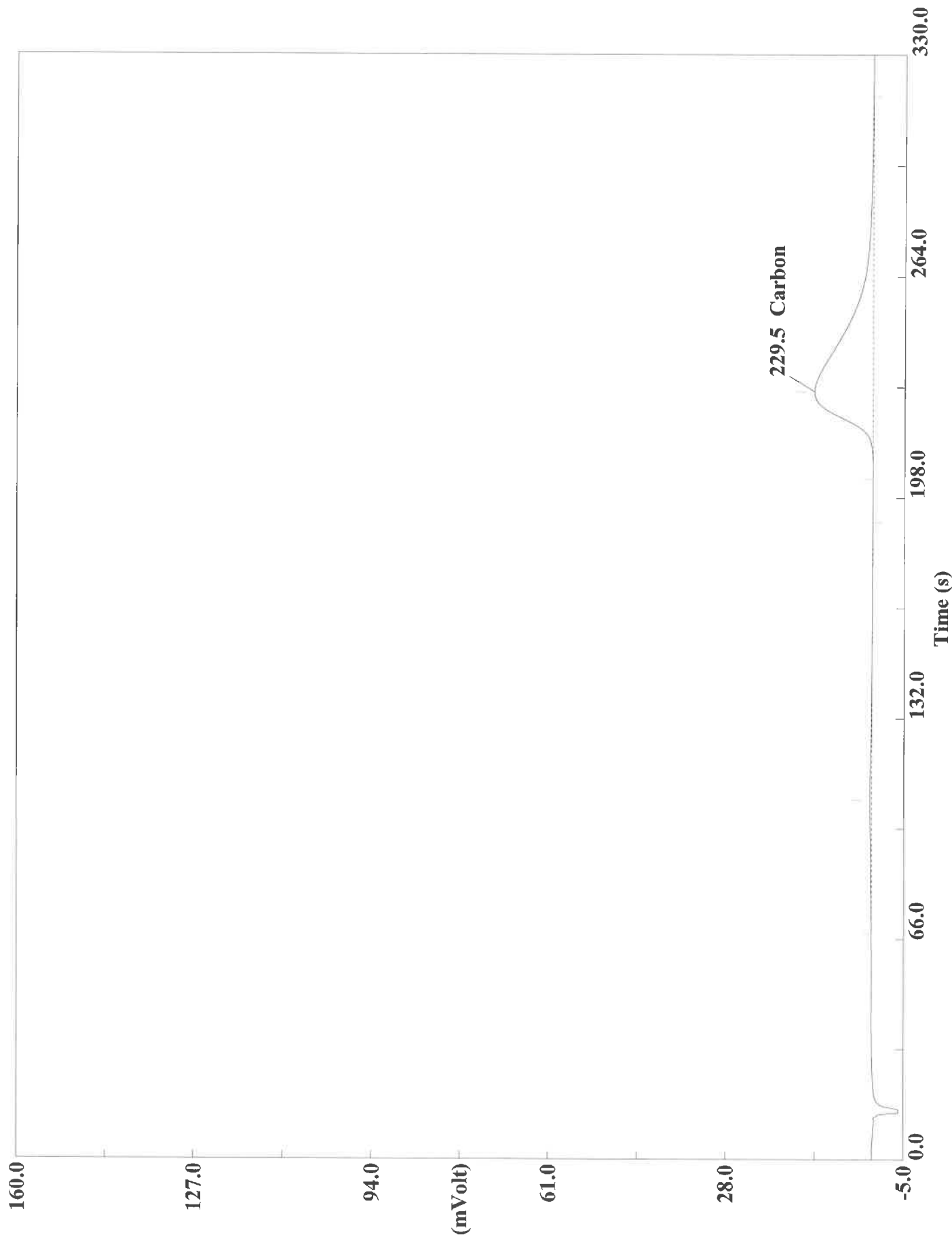
Page: 1 Sample: 180-111287-A-20 MSD (A100120015)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:12 Printed : 10/2/2020 07:14
Sample ID : 180-111287-A-20 MSD (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.3972	225	4430295	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120017.DAT

Sample name : 180-111287-A-21 Analysed : 10/01/2020 15:24

Eager 300 Report

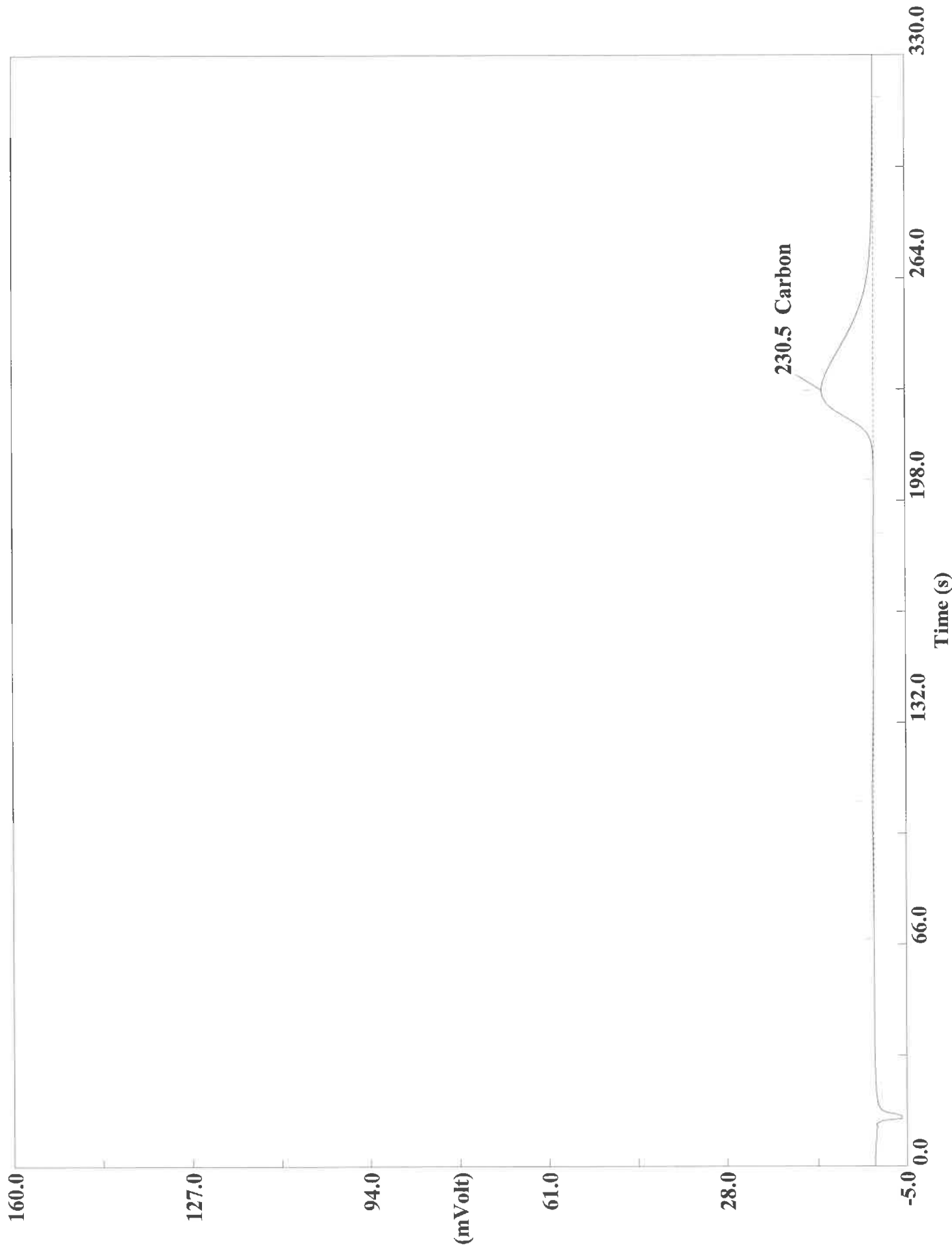
Page: 1 Sample: 180-111287-A-21 (A100120017)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:24 Printed : 10/2/2020 07:15
Sample ID : 180-111287-A-21 (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7703	230	3100684	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120018.DAT
Sample name : 180-111287-A-21 Analysed : 10/01/2020 15:29

Eager 300 Report

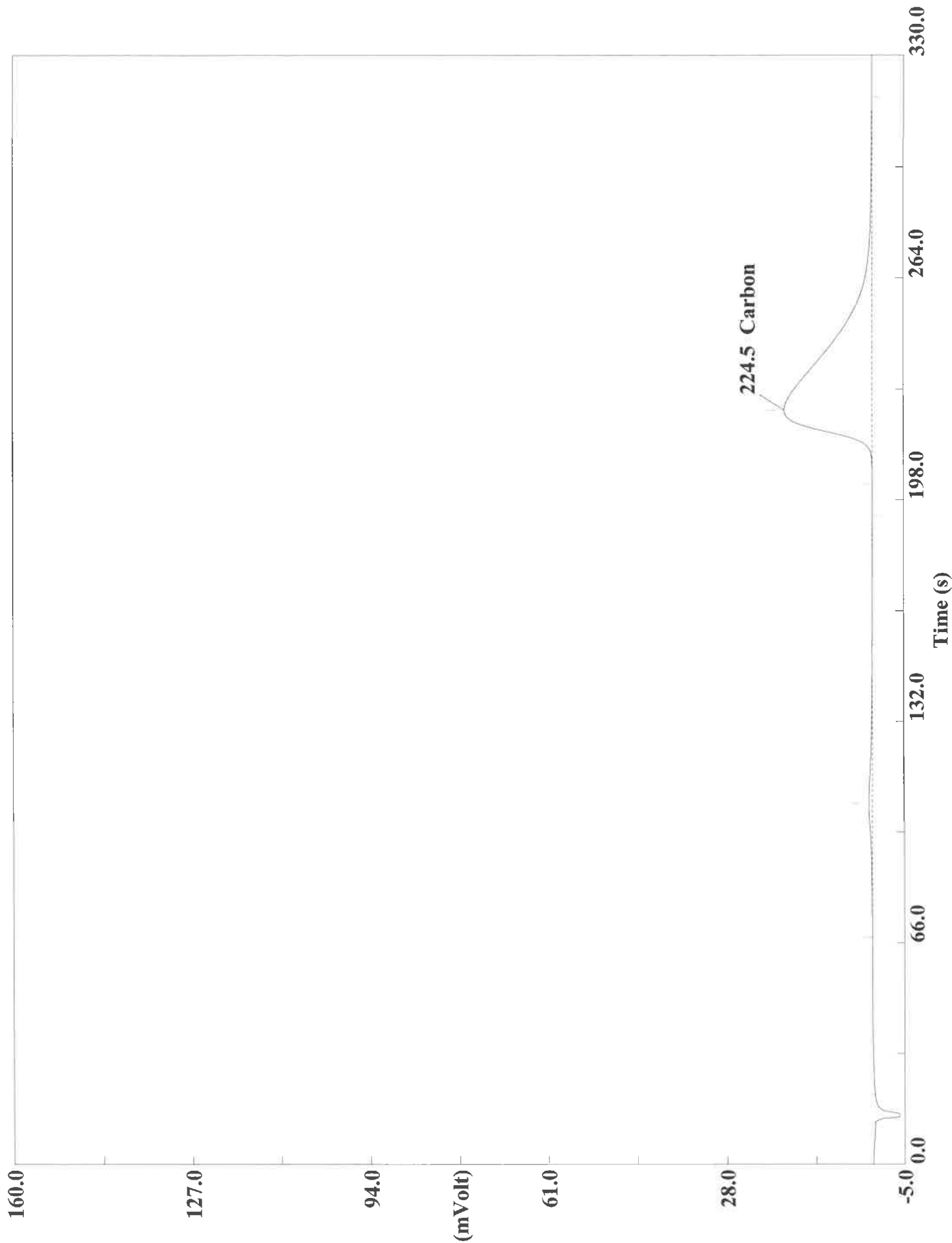
Page: 1 Sample: 180-111287-A-21 (A100120018)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:29 Printed : 10/2/2020 07:15
Sample ID : 180-111287-A-21 (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7614	231	2643640	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120020.DAT
Sample name :180-111287-A-21 MS Analysed :10/01/2020 15:40

Eager 300 Report

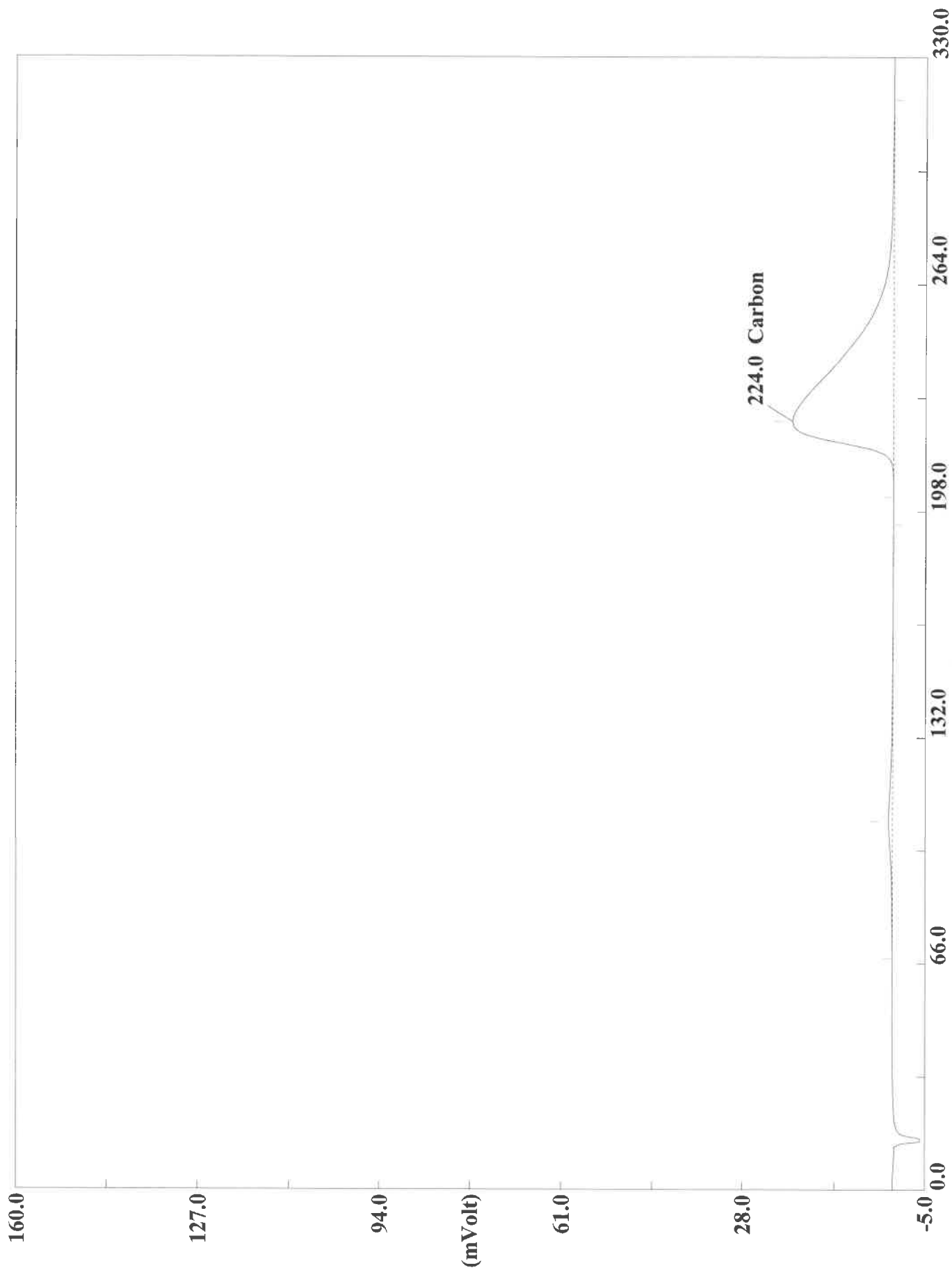
Page: 1 Sample: 180-111287-A-21 MS (A100120020)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:40 Printed : 10/2/2020 07:15
Sample ID : 180-111287-A-21 MS (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2689	225	4434054	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120021.DAT
Sample name : 180-111287-A-21 MS Analysed : 10/01/2020 15:46

Eager 300 Report

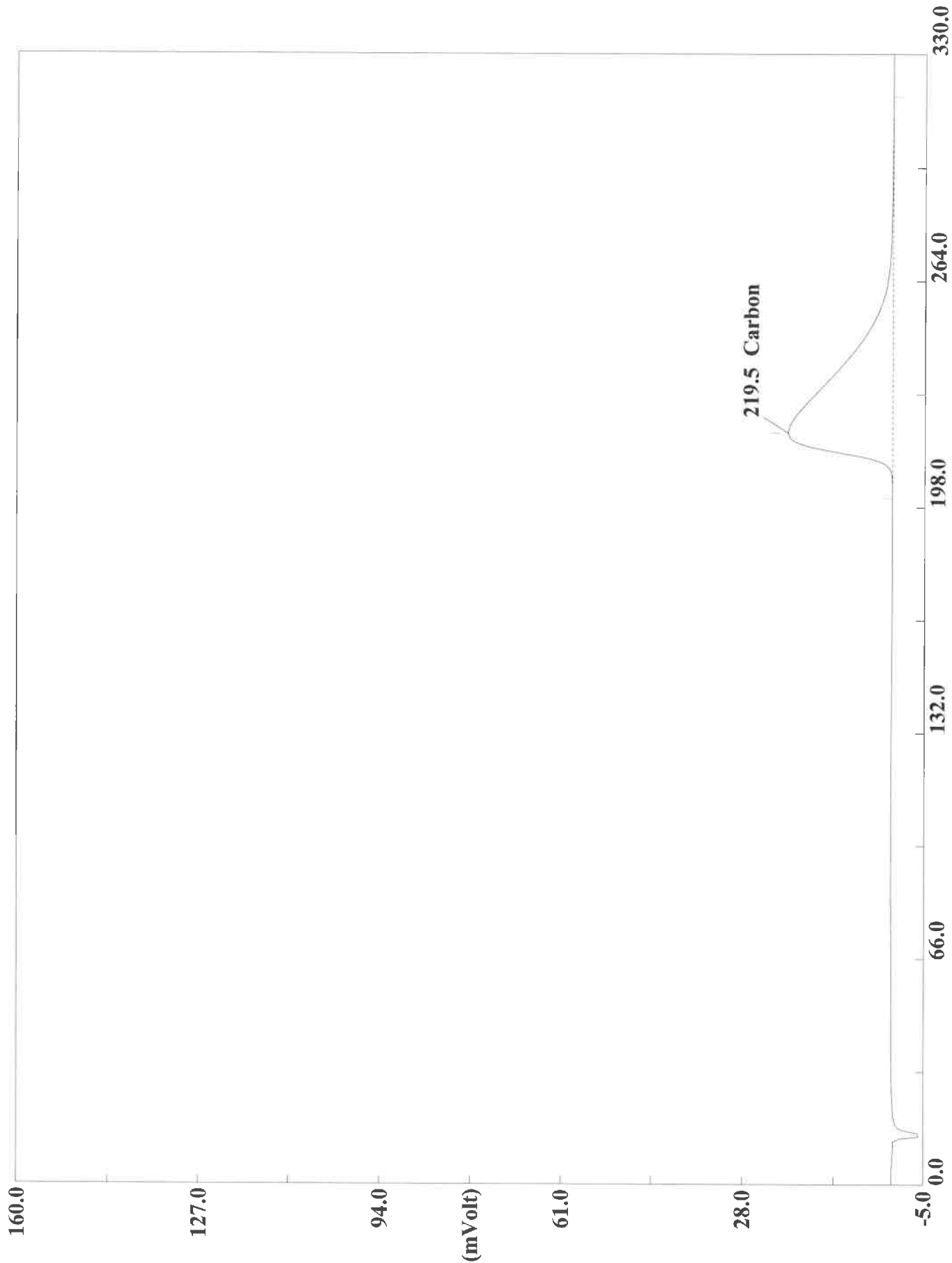
Page: 1 Sample: 180-111287-A-21 MS (A100120021)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:46 Printed : 10/2/2020 07:15
Sample ID : 180-111287-A-21 MS (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0930	224	5041069	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120023.DAT

Sample name :CCV Analysed :10/01/2020 15:57

Eager 300 Report

Page: 1 Sample: CCV (A100120023)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 15:57 Printed : 10/2/2020 07:15
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9900	220	5145333	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120024.DAT
Sample name :CCB Analysed :10/01/2020 16:03

Eager 300 Report

Page: 1 Sample: CCB (A100120024)

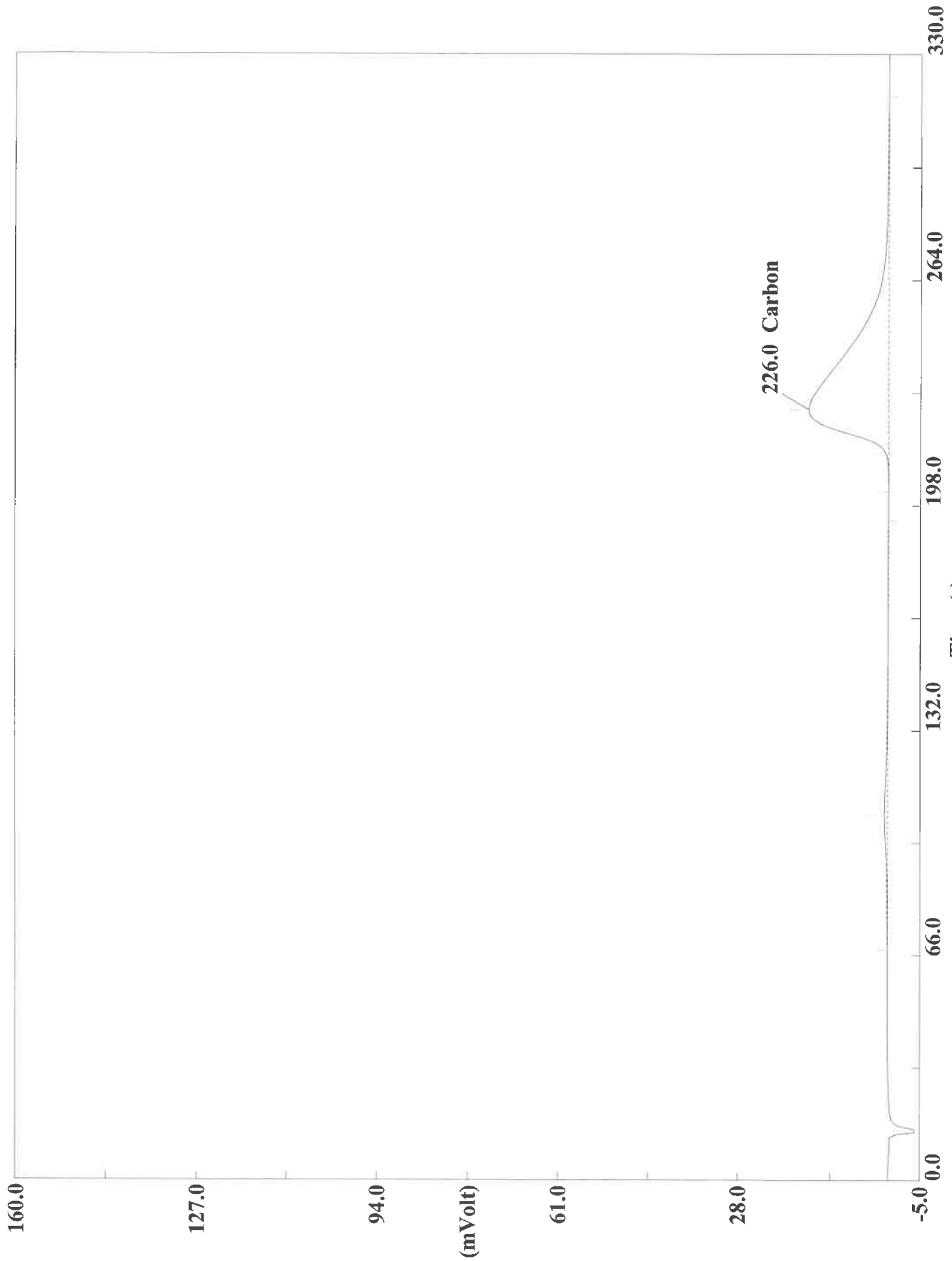
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:03 Printed : 10/2/2020 07:16
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120025.DAT

Sample name :180-111287-A-21 MSD Analysed :10/01/2020 16:08

Eager 300 Report

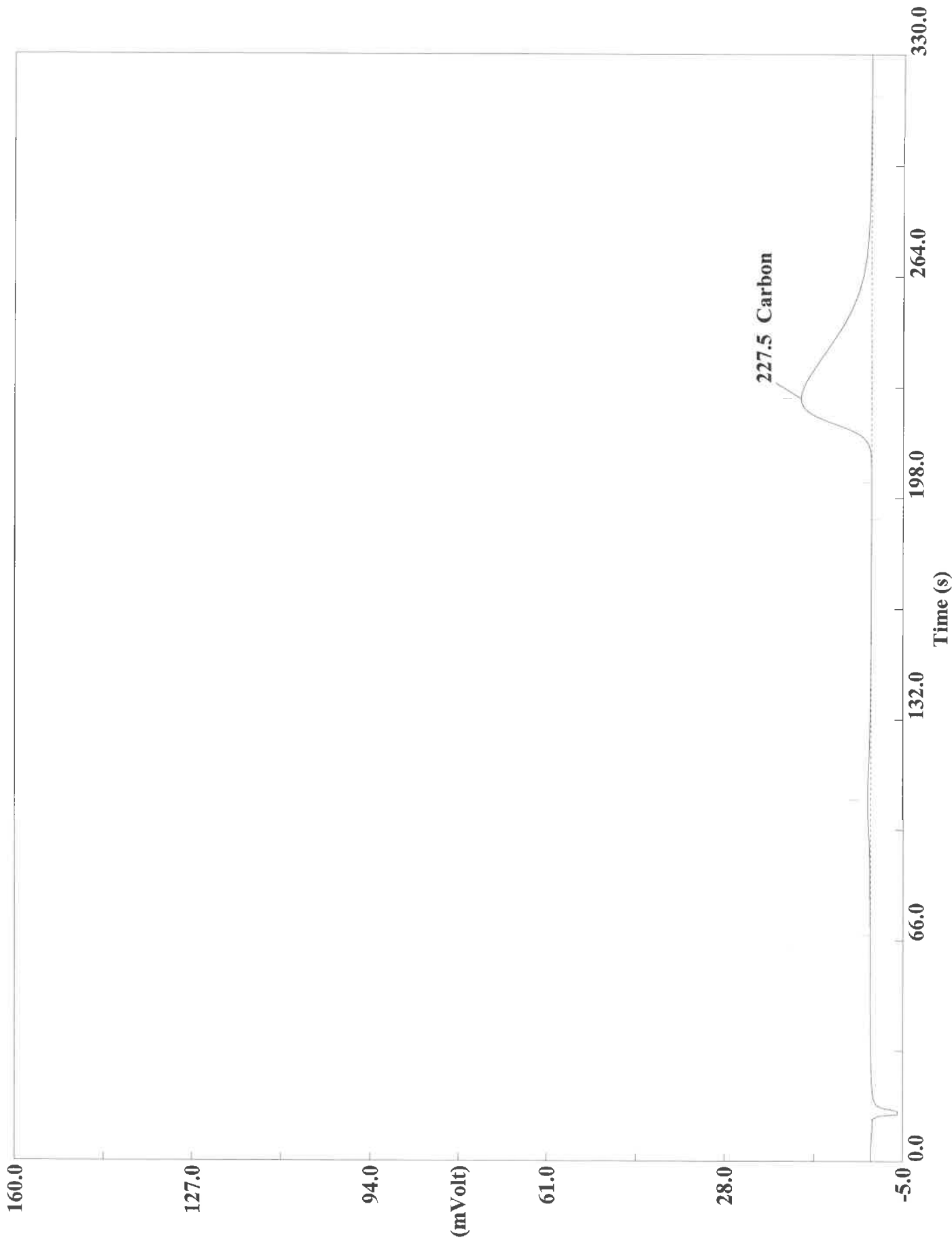
Page: 1 Sample: 180-111287-A-21 MSD (A100120025)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:08 Printed : 10/2/2020 07:16
Sample ID : 180-111287-A-21 MSD (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4971	226	3968034	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120026.DAT
Sample name :180-111287-A-21 MSD Analysed :10/01/2020 16:14

Eager 300 Report

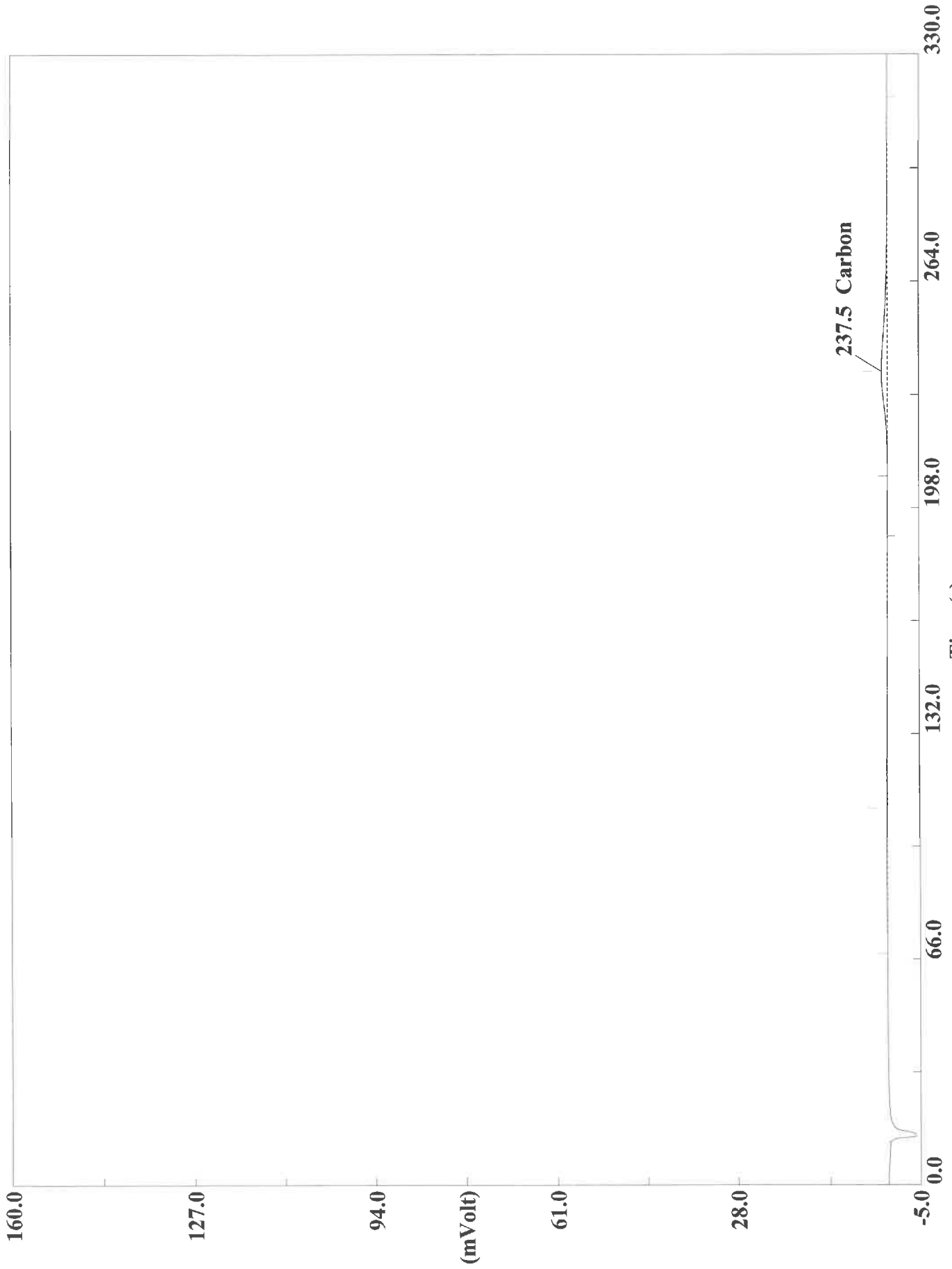
Page: 1 Sample: 180-111287-A-21 MSD (A100120026)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:14 Printed : 10/2/2020 07:16
Sample ID : 180-111287-A-21 MSD (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0021	228	3758477	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120028.DAT
Sample name :180-111287-A-52 Analysed :10/01/2020 16:25

Eager 300 Report

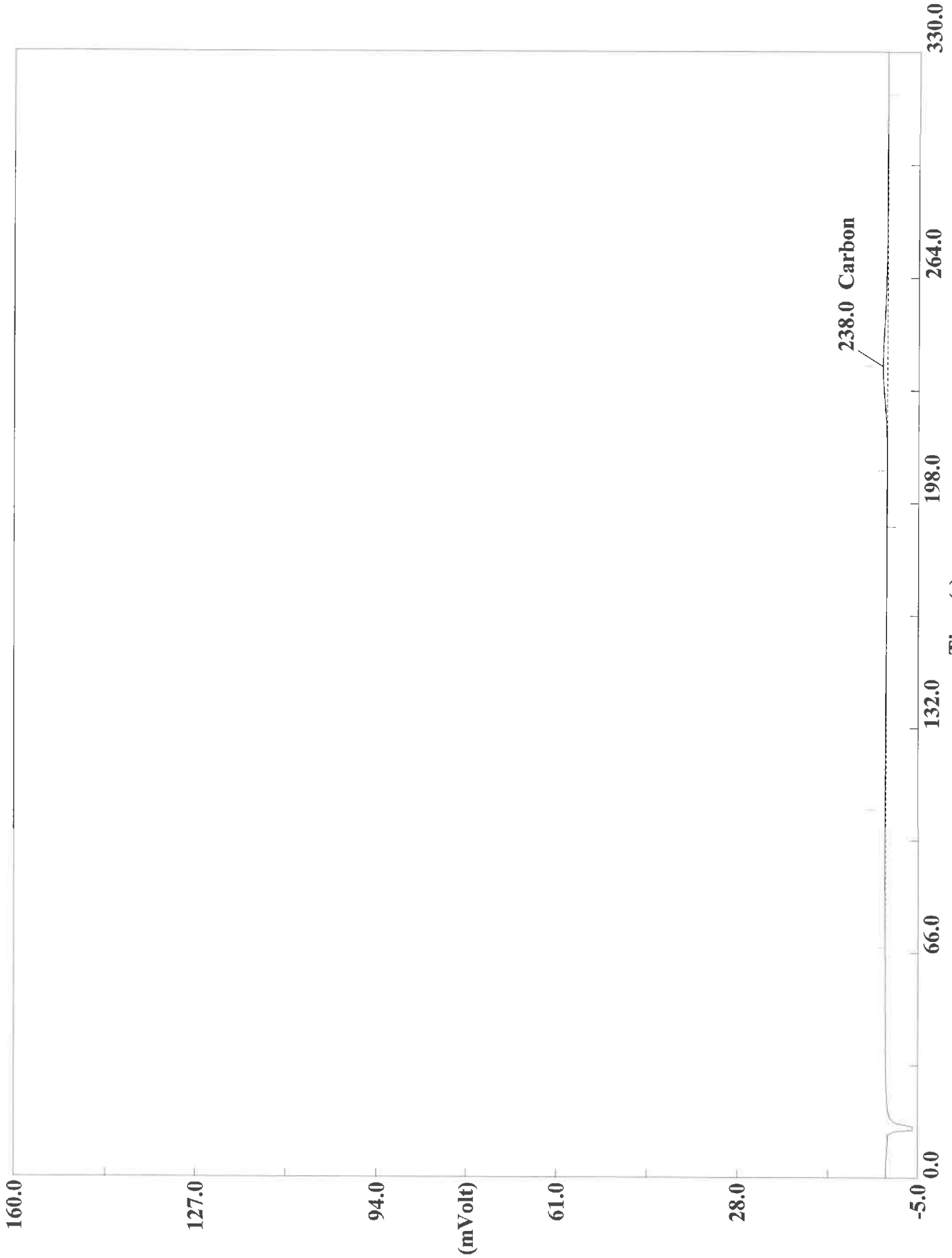
Page: 1 Sample: 180-111287-A-52 (A100120028)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:25 Printed : 10/2/2020 07:16
Sample ID : 180-111287-A-52 (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.2781	238	307497	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120029.DAT
Sample name :180-111287-A-52 Analysed :10/01/2020 16:31

Eager 300 Report

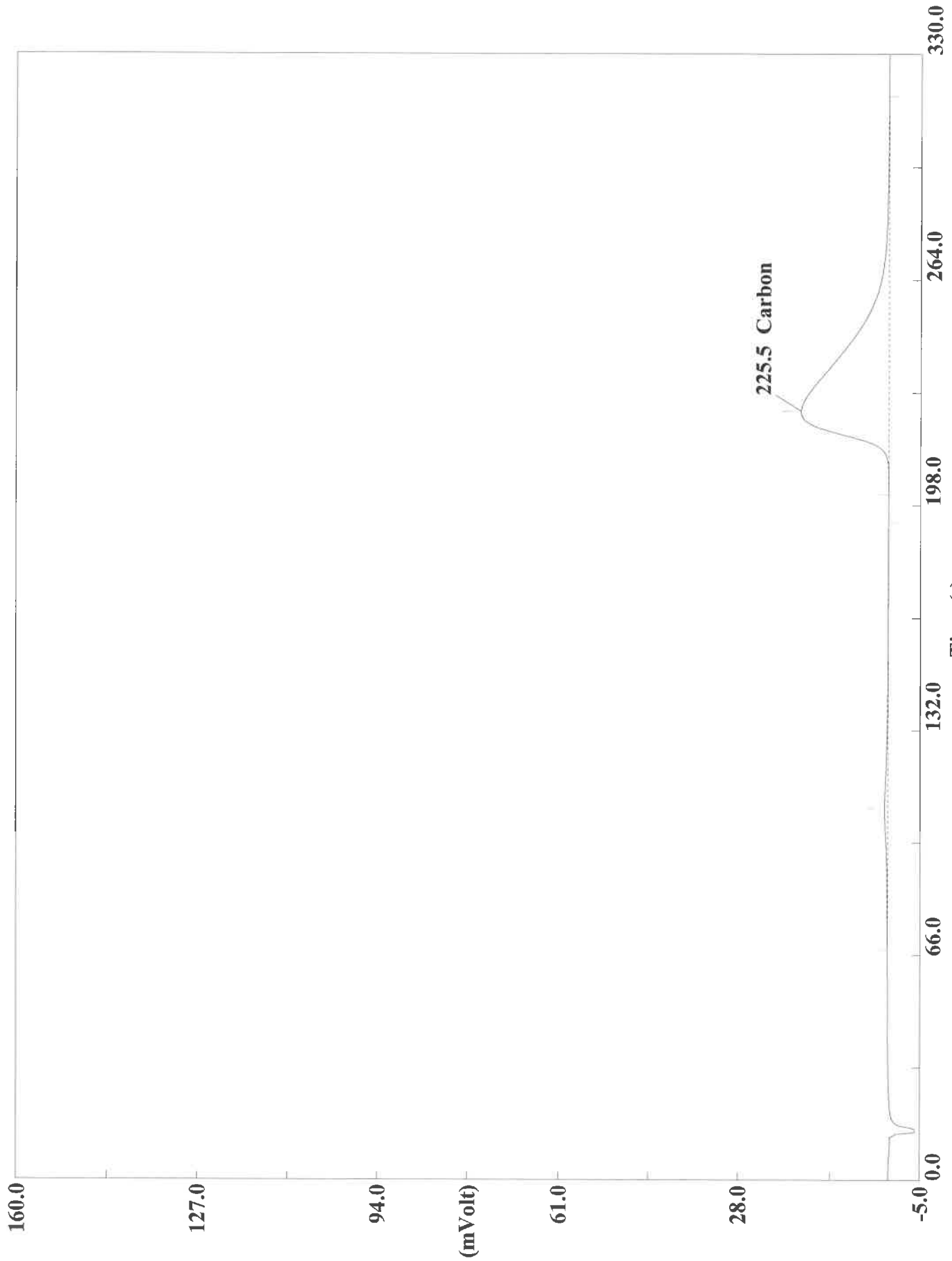
Page: 1 Sample: 180-111287-A-52 (A100120029)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:31 Printed : 10/2/2020 07:16
Sample ID : 180-111287-A-52 (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1996	238	235910	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120031.DAT
Sample name :180-111287-A-58 Analysed :10/01/2020 16:42

Eager 300 Report

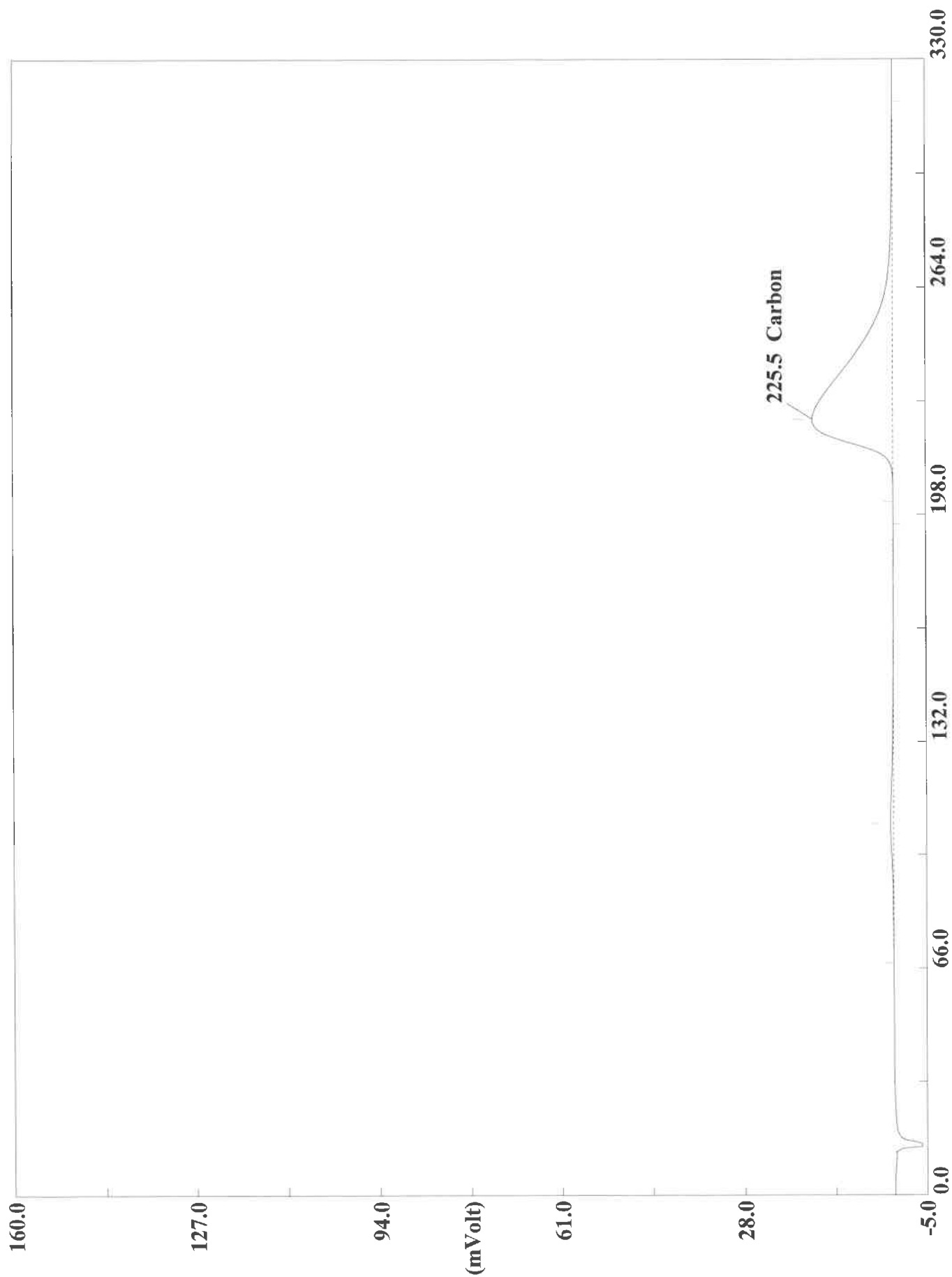
Page: 1 Sample: 180-111287-A-58 (A100120031)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:42 Printed : 10/2/2020 07:16
Sample ID : 180-111287-A-58 (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6557	226	4347355	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120032.DAT
Sample name :180-111287-A-58 Analysed :10/01/2020 16:48

Eager 300 Report

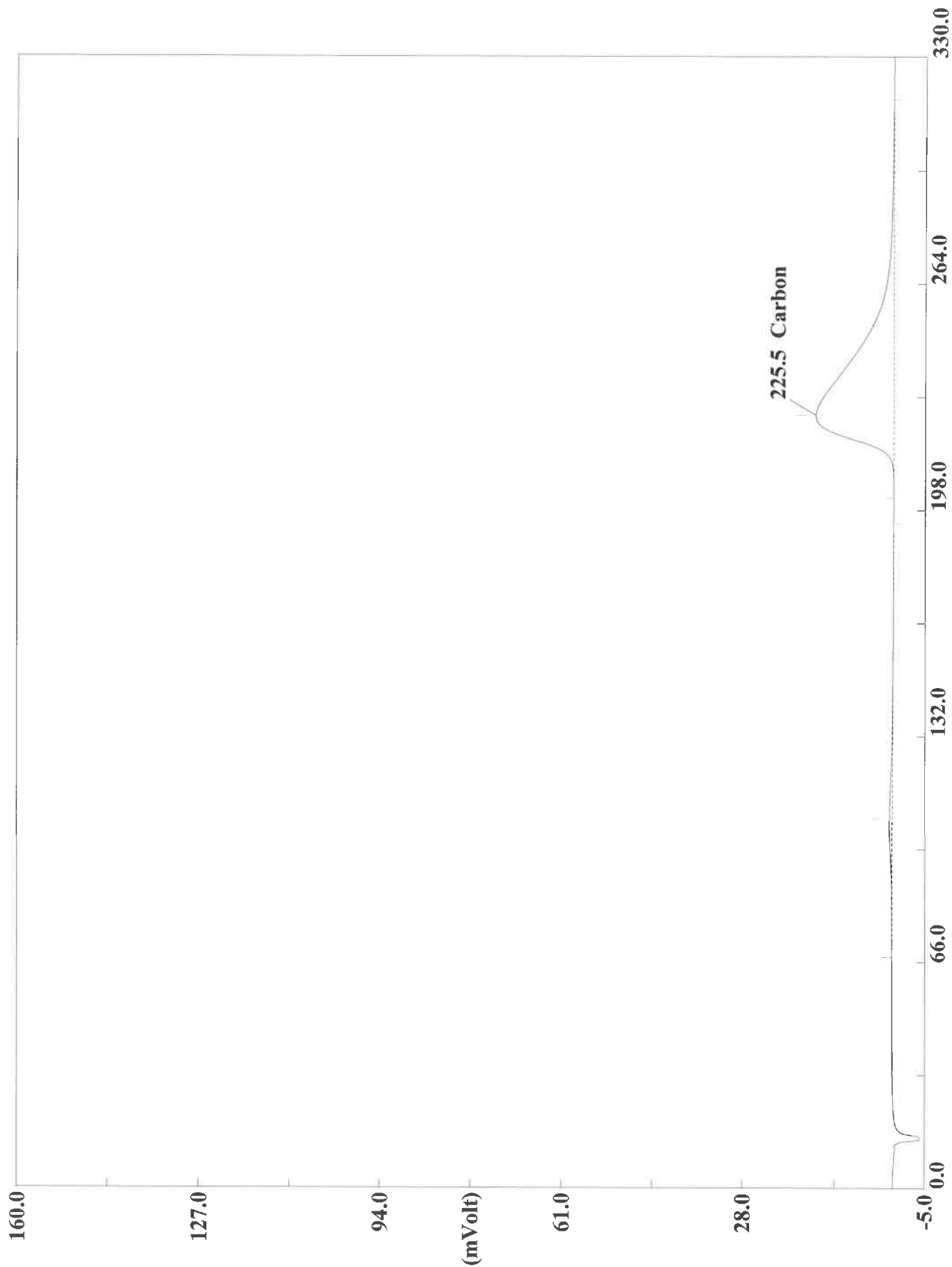
Page: 1 Sample: 180-111287-A-58 (A100120032)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:48 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-58 (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4472	226	3972030	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120034.DAT

Sample name :180-111287-A-59 Analysed :10/01/2020 16:59

Eager 300 Report

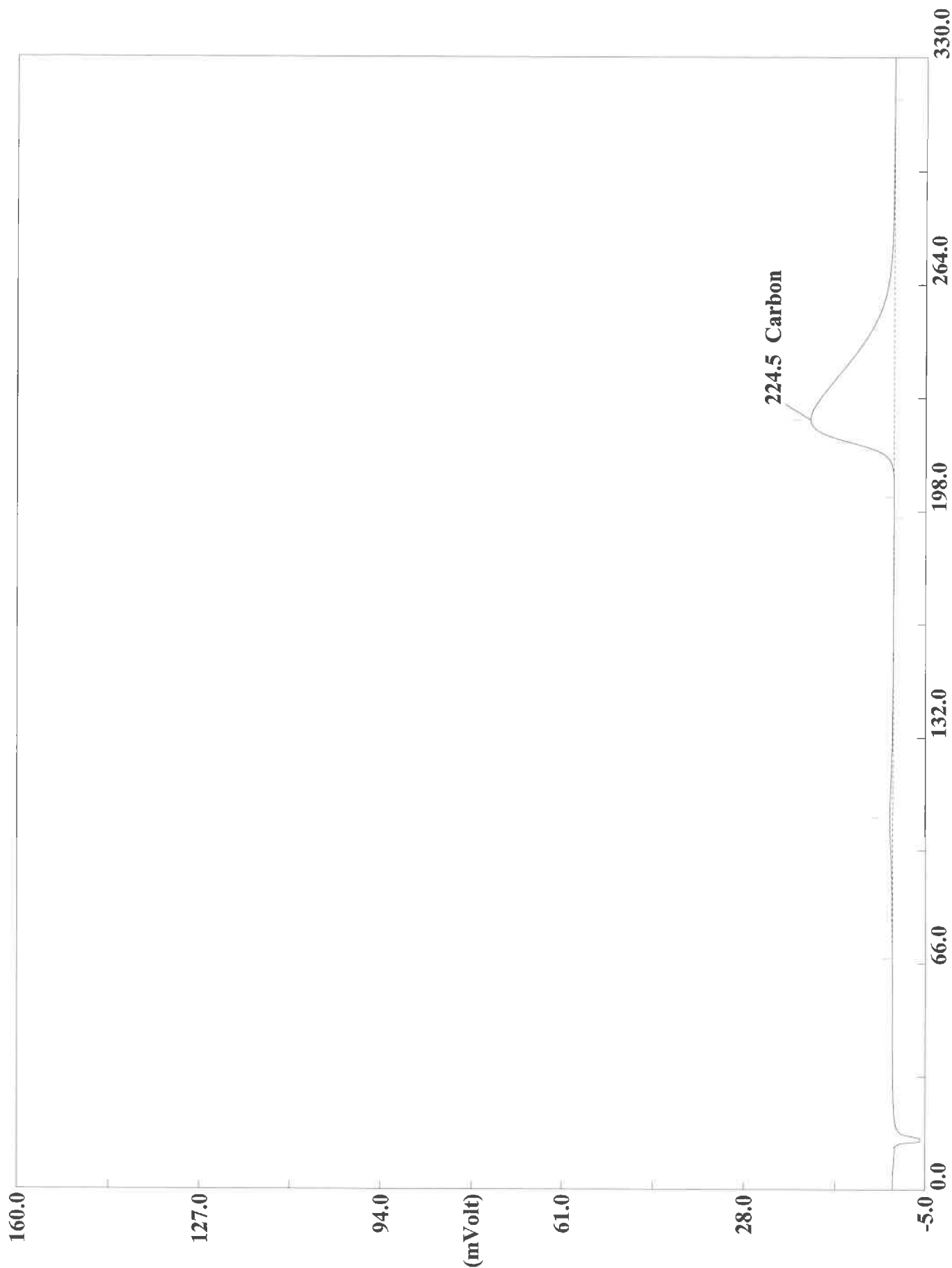
Page: 1 Sample: 180-111287-A-59 (A100120034)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 16:59 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-59 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2394	226	3883362	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120035.DAT

Sample name : 180-111287-A-59 Analysed : 10/01/2020 17:04

Eager 300 Report

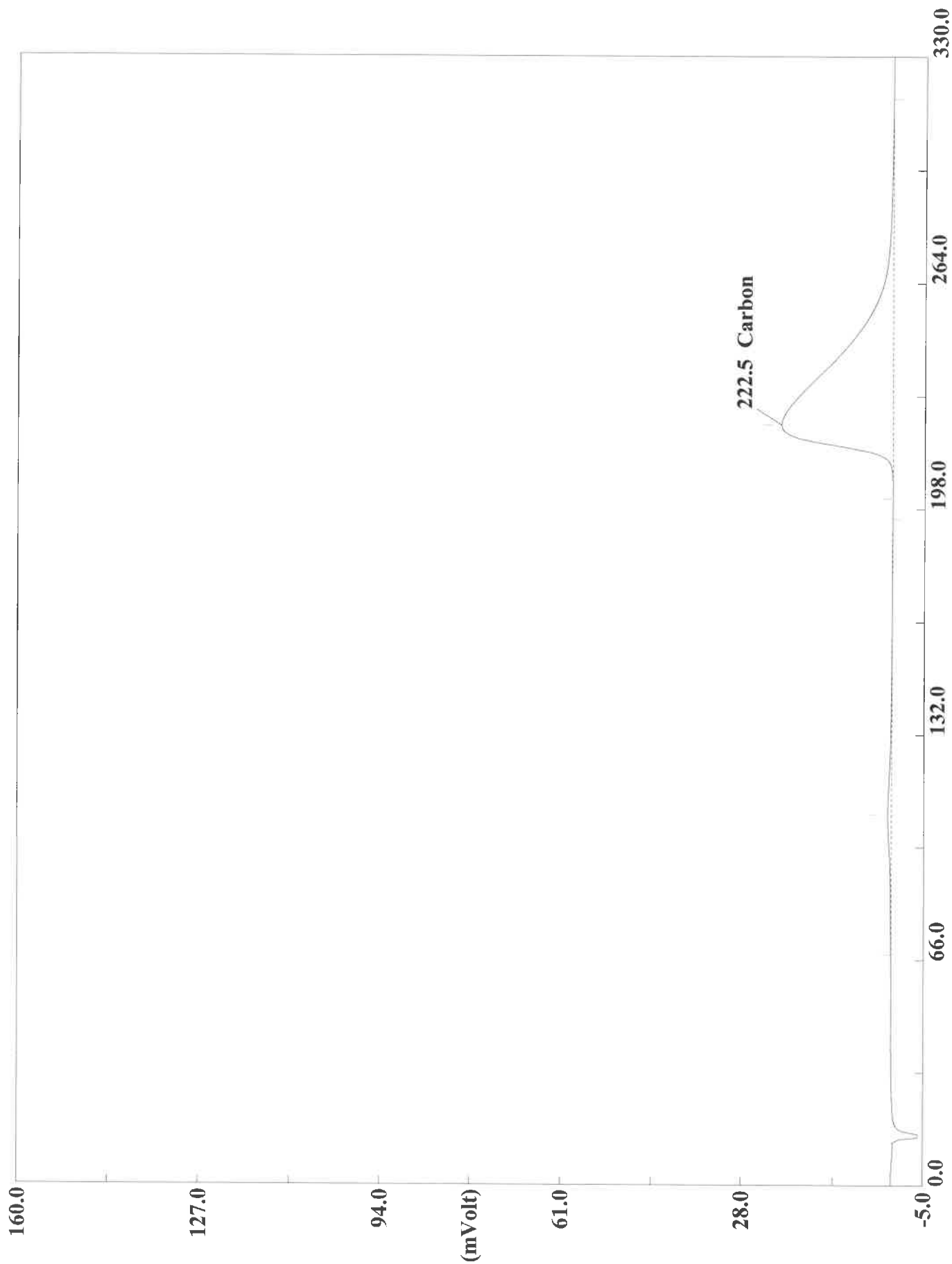
Page: 1 Sample: 180-111287-A-59 (A100120035)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 17:04 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-59 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7593	225	4078624	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120037.DAT
Sample name : 180-111287-A-60 Analysed : 10/01/2020 17:16

Eager 300 Report

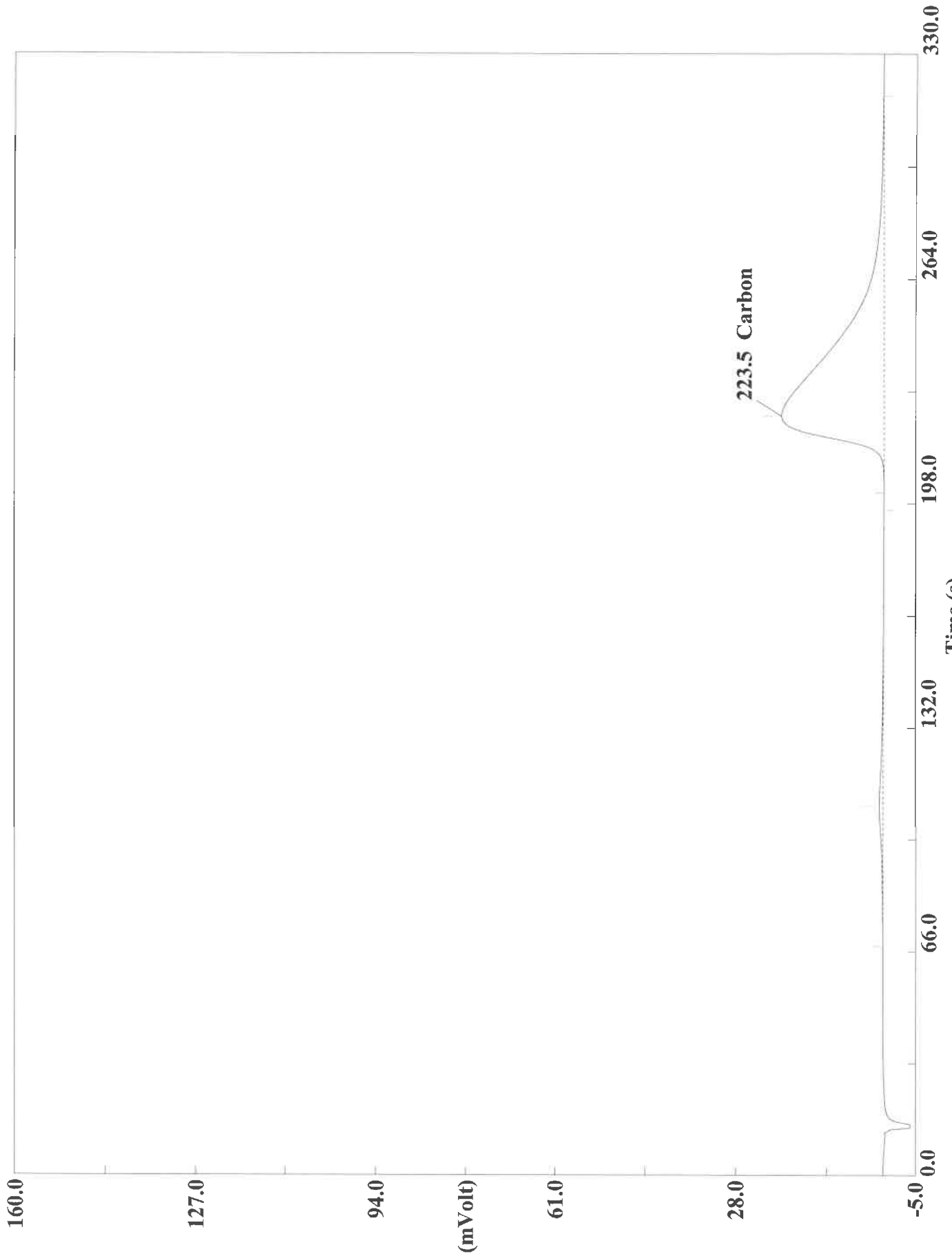
Page: 1 Sample: 180-111287-A-60 (A100120037)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 17:16 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-60 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 29

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7534	223	5659480	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120038.DAT

Sample name : 180-111287-A-60 Analysed : 10/01/2020 17:21

Eager 300 Report

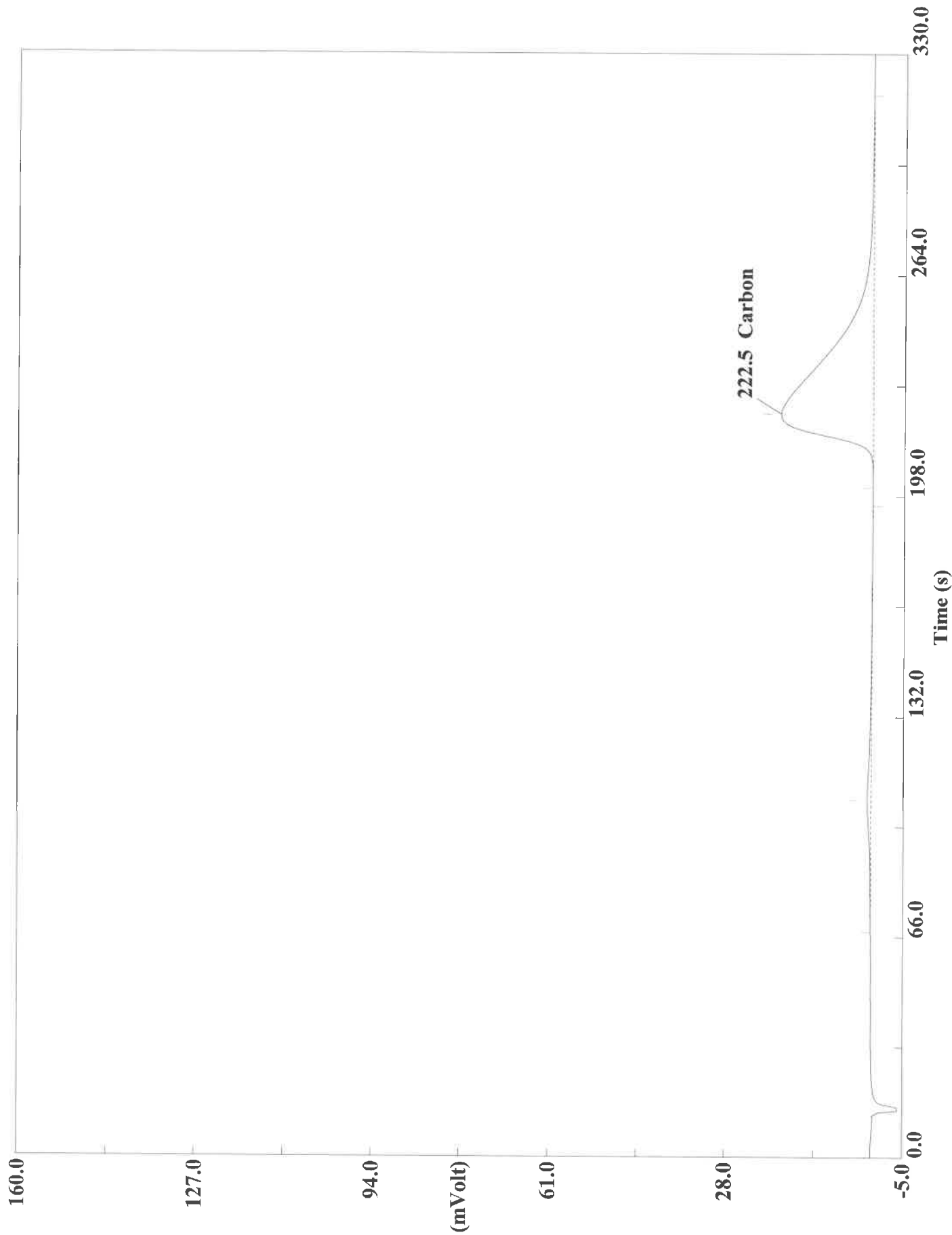
Page: 1 Sample: 180-111287-A-60 (A100120038)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 17:21 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-60 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 29.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6662	224	5604046	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120040.DAT

Sample name :180-111287-A-61 Analysed :10/01/2020 17:32

Eager 300 Report

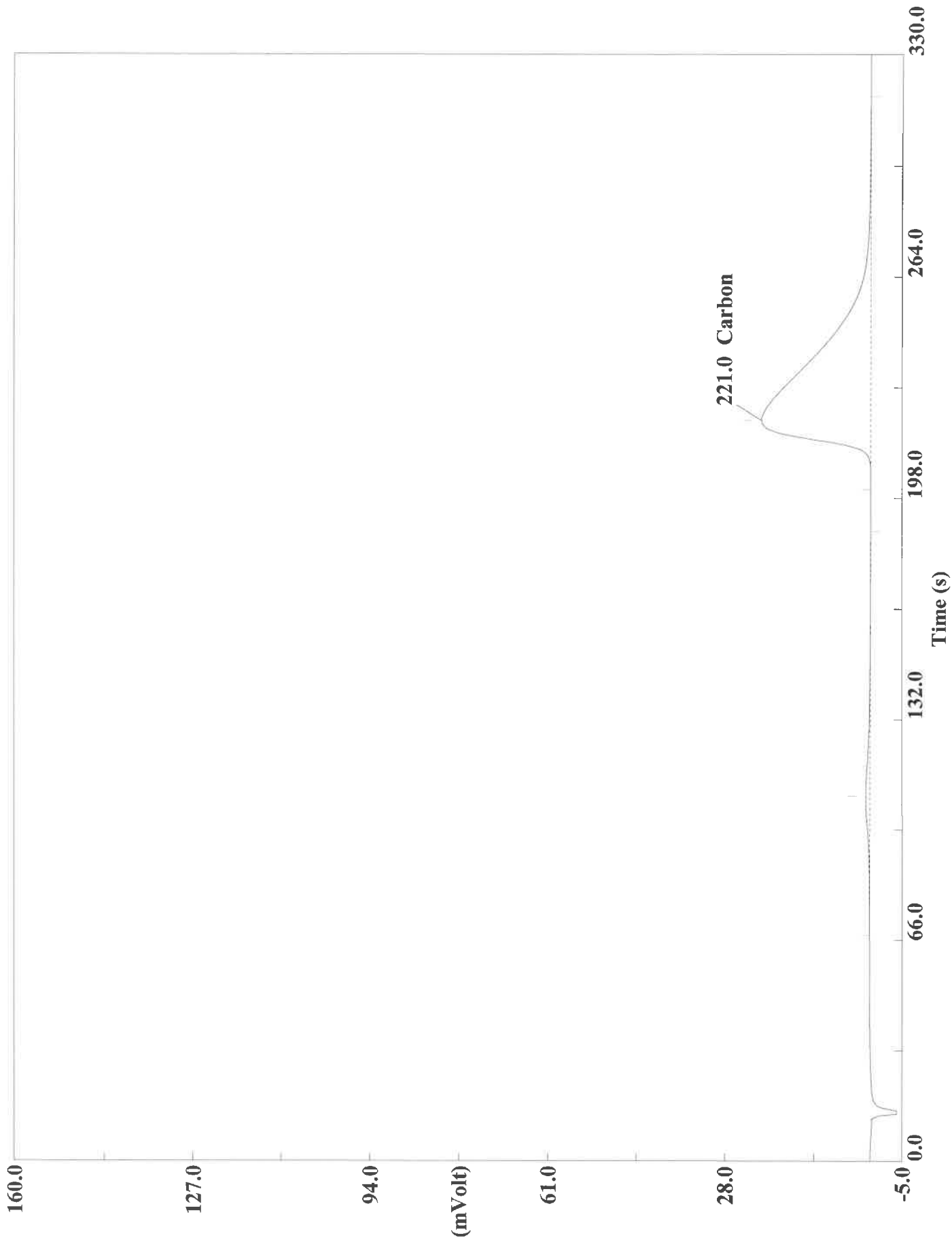
Page: 1 Sample: 180-111287-A-61 (A100120040)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 17:32 Printed : 10/2/2020 07:17
Sample ID : 180-111287-A-61 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2057	223	4587643	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120041.DAT
Sample name : 180-111287-A-61 Analysed : 10/01/2020 17:38

Eager 300 Report

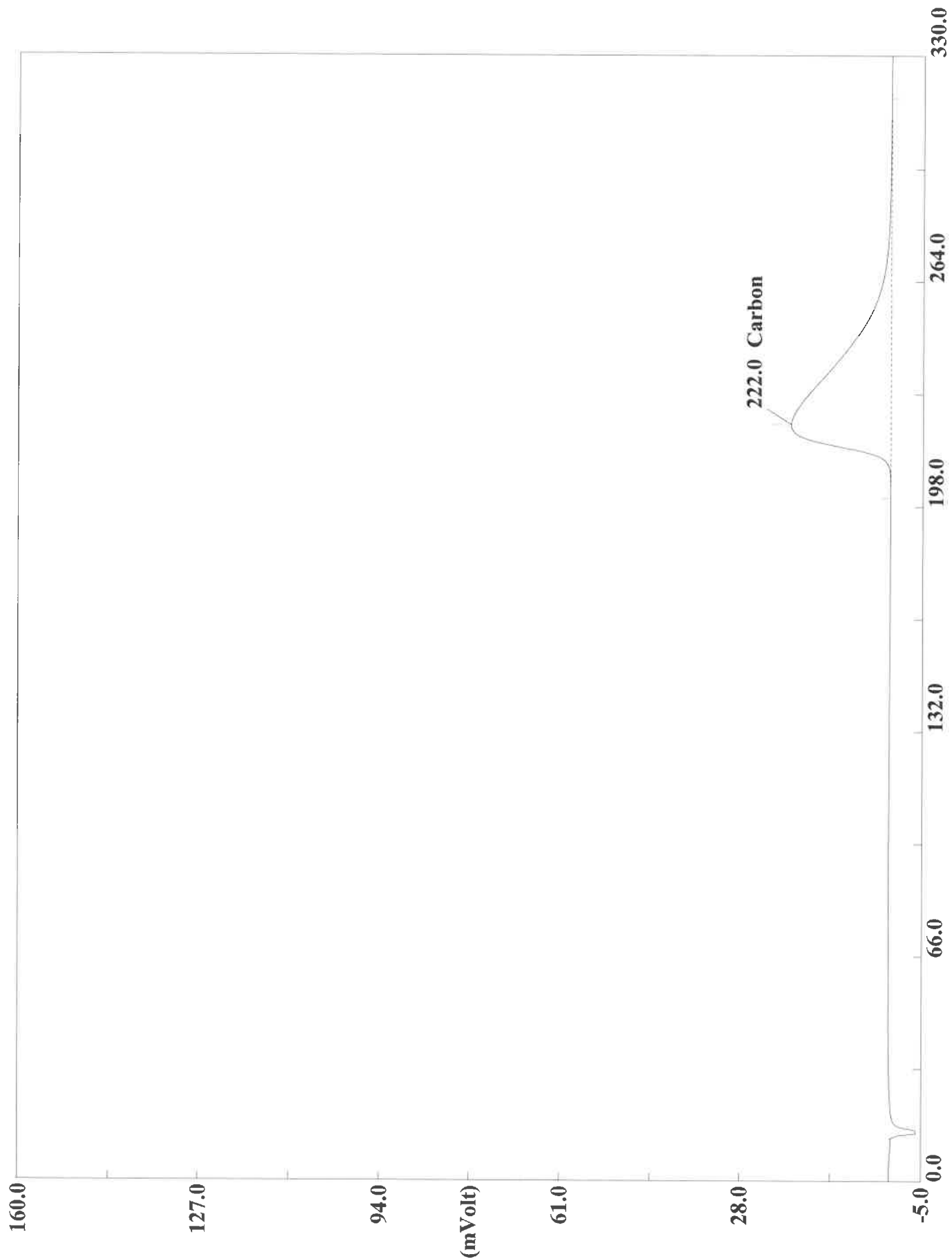
Page: 1 Sample: 180-111287-A-61 (A100120041)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 17:38 Printed : 10/2/2020 07:18
Sample ID : 180-111287-A-61 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4781	221	5611117	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120043.DAT
Sample name :CCV Analysed :10/01/2020 18:13

Eager 300 Report

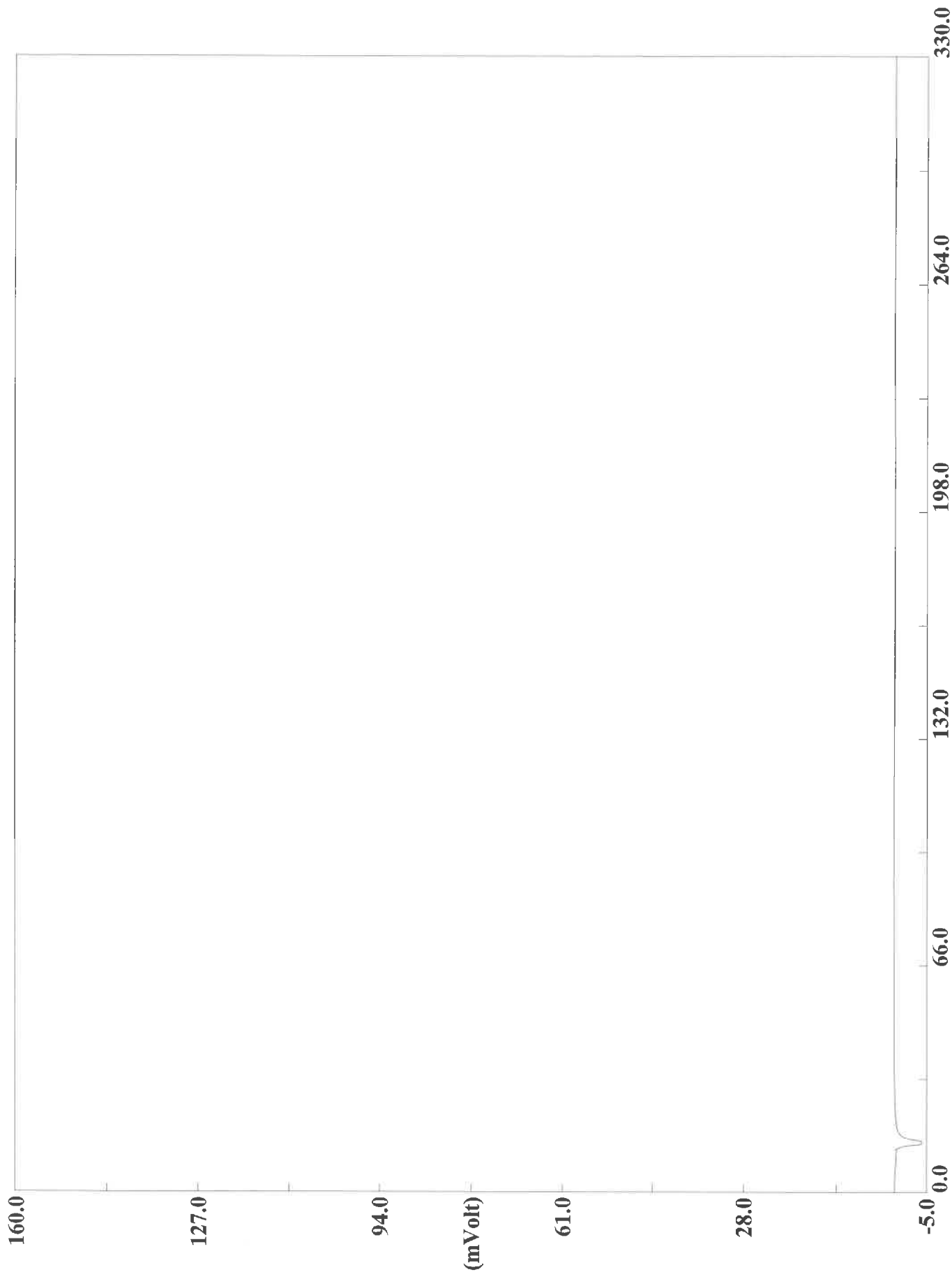
Page: 1 Sample: CCV (A100120043)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:13 Printed : 10/2/2020 07:18
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9814	222	5100205	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120044.DAT
Sample name :CCB Analysed :10/01/2020 18:18

Eager 300 Report

Page: 1 Sample: CCB (A100120044)

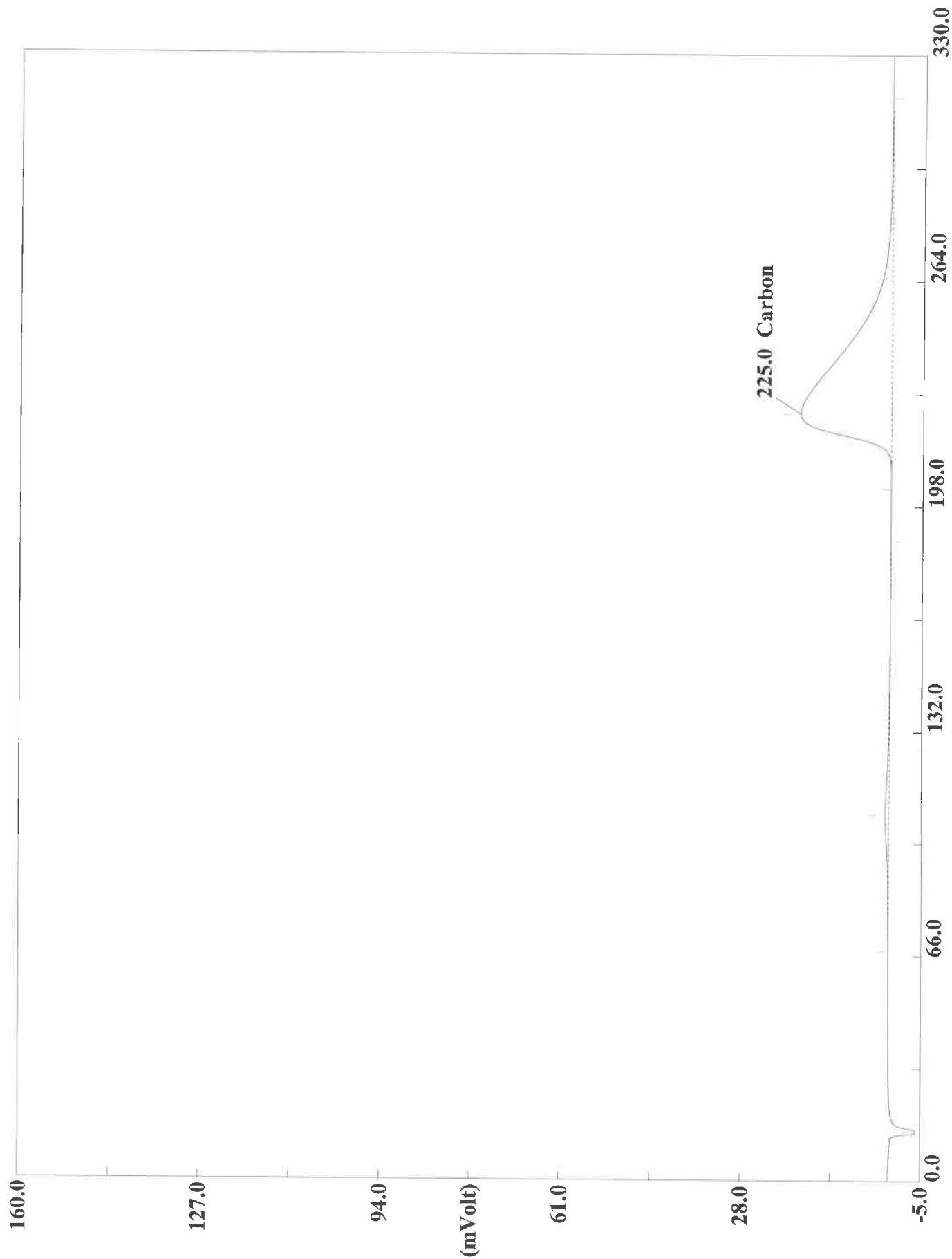
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120044
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:18 Printed : 10/2/2020 07:18
Sample ID : CCB (# 55)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120045.DAT

Sample name :180-111287-A-62 Analysed :10/01/2020 18:24

Eager 300 Report

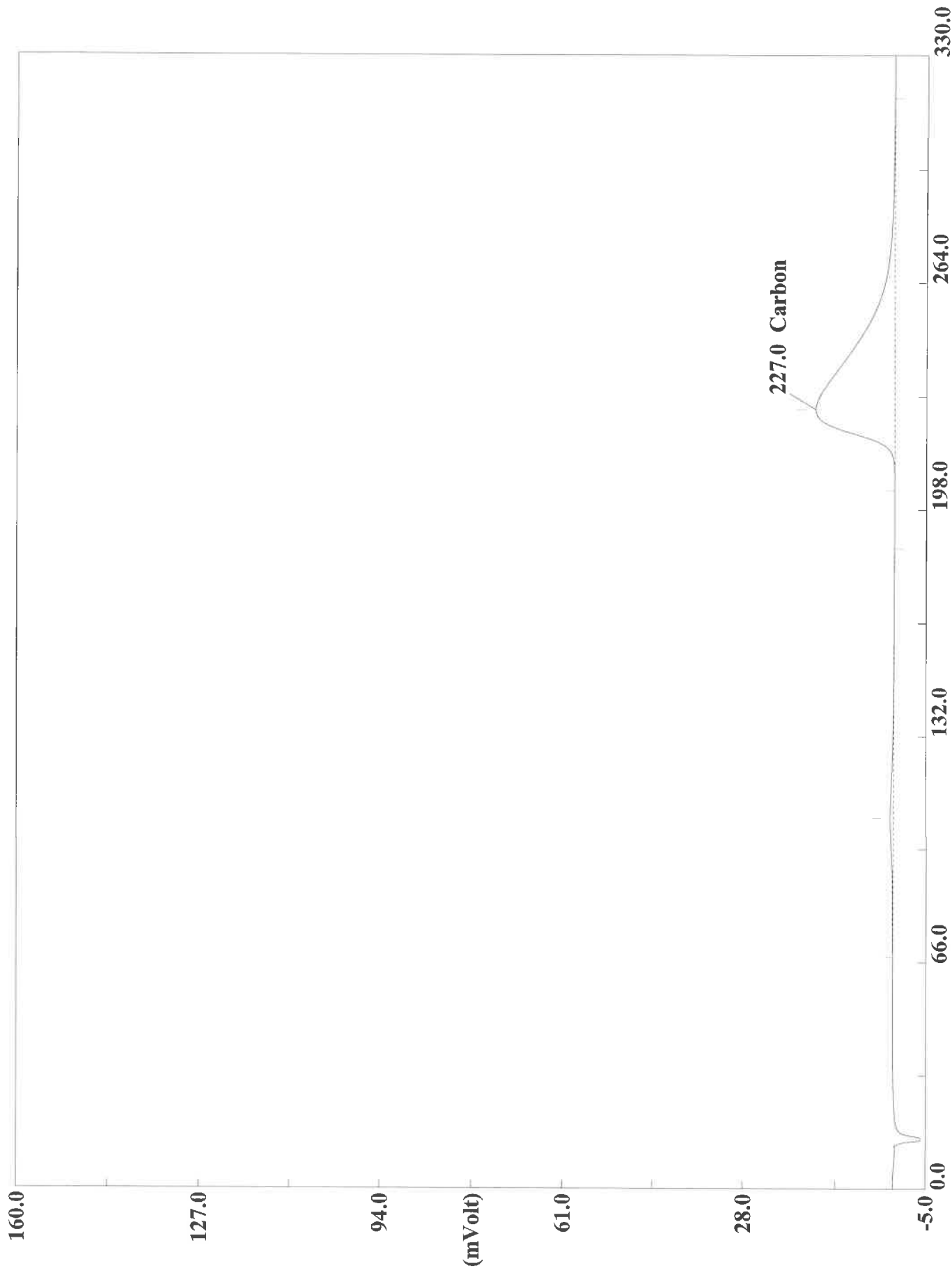
Page: 1 Sample: 180-111287-A-62 (A100120045)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120045
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:24 Printed : 10/2/2020 07:18
Sample ID : 180-111287-A-62 (# 56)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6902	225	4716058	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120046.DAT
Sample name : 180-111287-A-62 Analysed : 10/01/2020 18:29

Eager 300 Report

Page: 1 Sample: 180-111287-A-62 (A100120046)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120046
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:29 Printed : 10/2/2020 07:18
Sample ID : 180-111287-A-62 (# 57)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.9591	227	4089898	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120048.DAT

Sample name : 180-111287-A-63 Analysed : 10/01/2020 18:40

Eager 300 Report

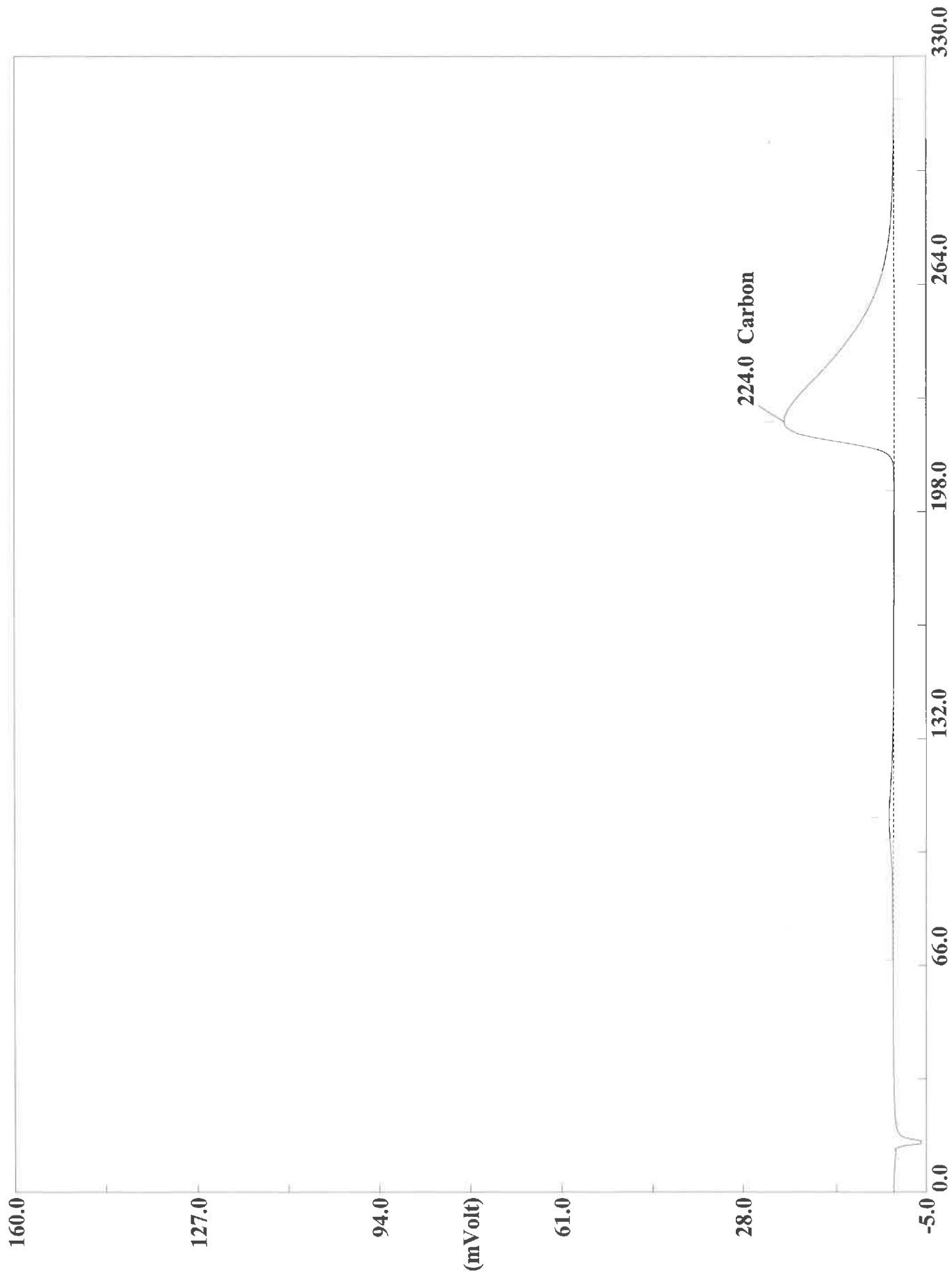
Page: 1 Sample: 180-111287-A-63 (A100120048)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120048
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:40 Printed : 10/2/2020 07:18
Sample ID : 180-111287-A-63 (# 59)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.2313	225	4674262	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120049.DAT

Sample name : 180-111287-A-63 Analysed : 10/01/2020 18:46

Eager 300 Report

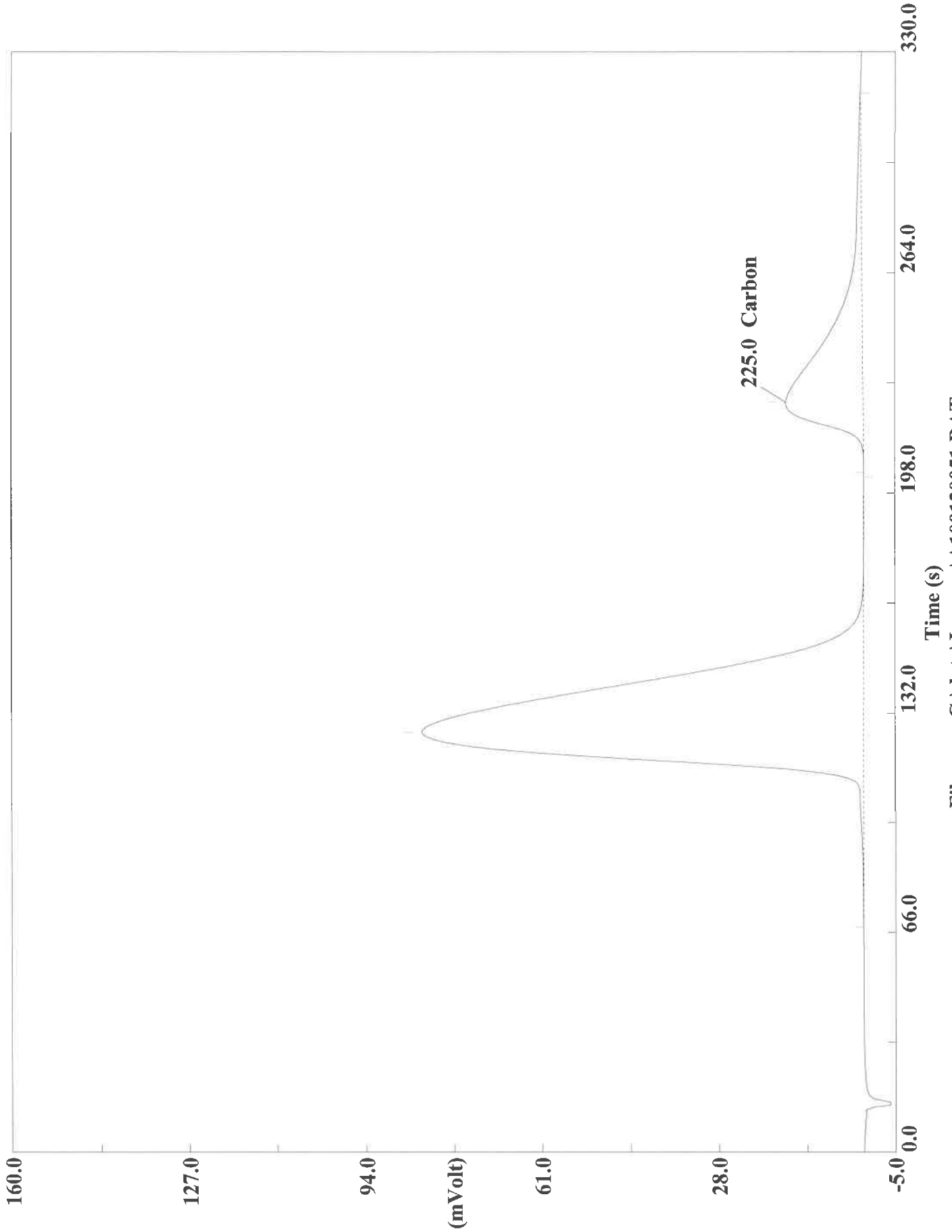
Page: 1 Sample: 180-111287-A-63 (A100120049)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120049
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:46 Printed : 10/2/2020 07:19
Sample ID : 180-111287-A-63 (# 60)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.3252	224	5731706	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120051.DAT
Sample name : 180-111287-A-64 Analysed : 10/01/2020 18:57

Eager 300 Report

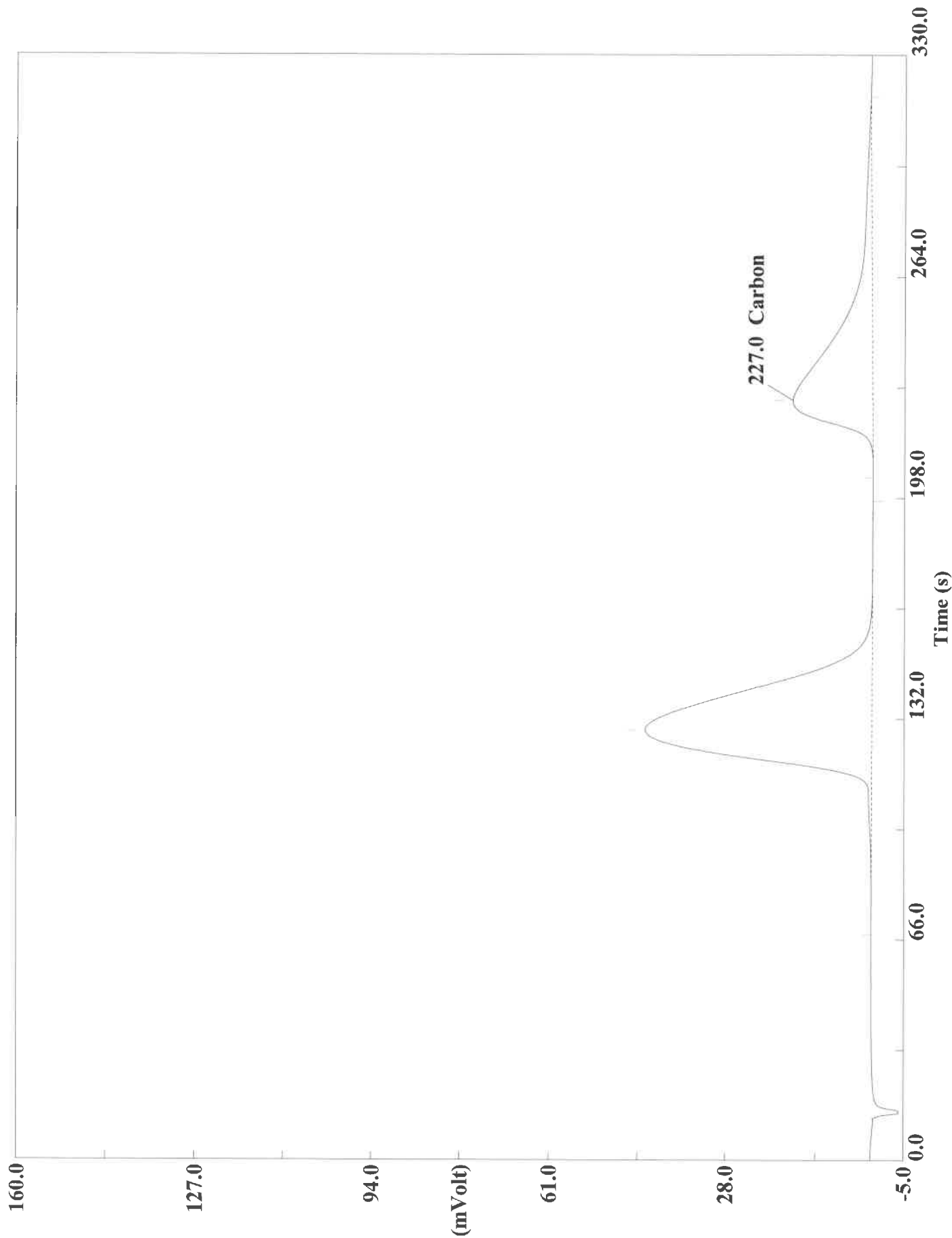
Page: 1 Sample: 180-111287-A-64 (A100120051)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120051
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 18:57 Printed : 10/2/2020 07:19
Sample ID : 180-111287-A-64 (# 62)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6562	225	4214286	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120052.DAT
Sample name : 180-111287-A-64 Analysed : 10/01/2020 19:03

Eager 300 Report

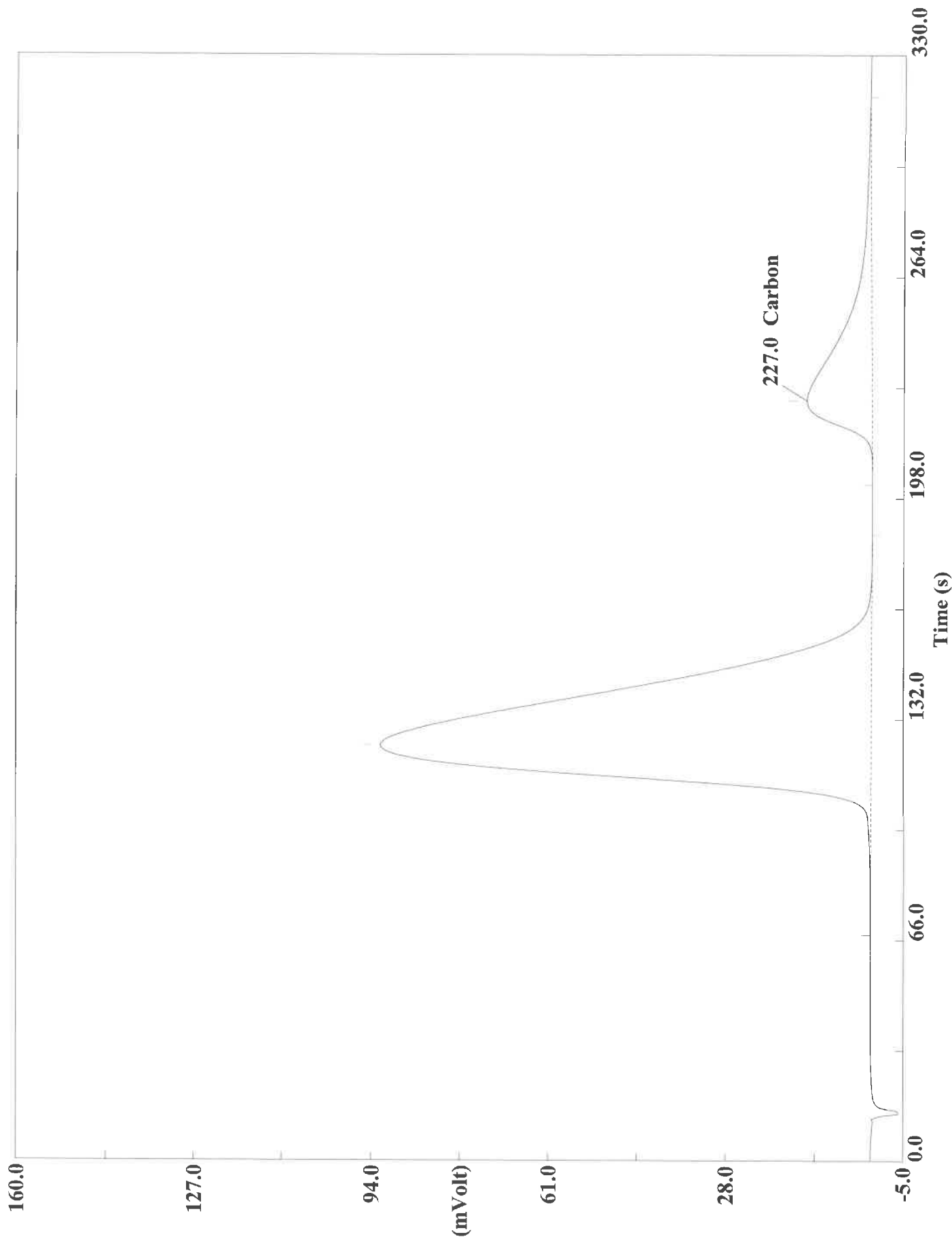
Page: 1 Sample: 180-111287-A-64 (A100120052)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120052
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:03 Printed : 10/2/2020 07:19
Sample ID : 180-111287-A-64 (# 63)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2850	227	4350034	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120054.DAT

Sample name : 180-111287-A-65 Analysed : 10/01/2020 19:14

Eager 300 Report

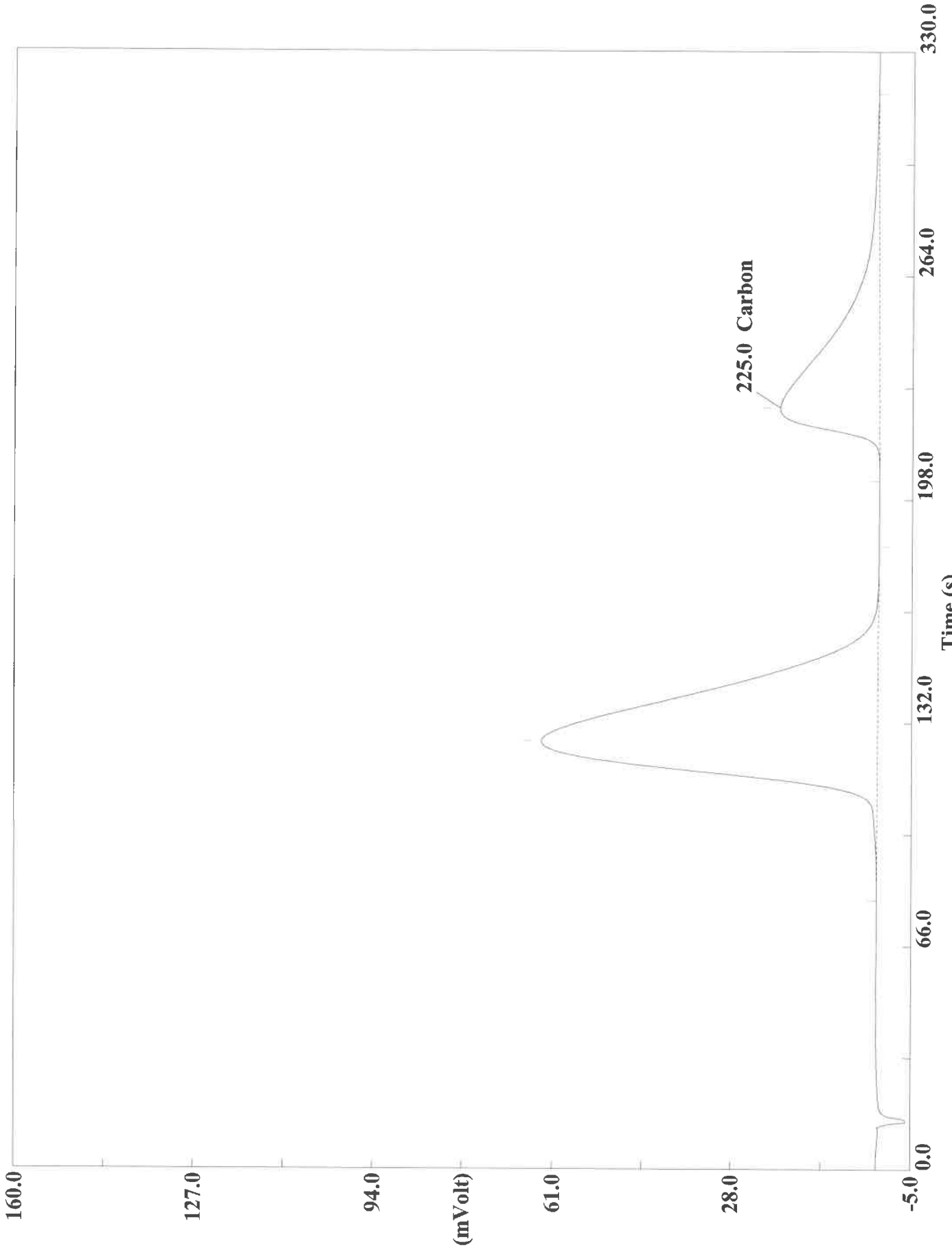
Page: 1 Sample: 180-111287-A-65 (A100120054)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120054
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:14 Printed : 10/2/2020 07:19
Sample ID : 180-111287-A-65 (# 65)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8815	227	3722568	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120055.DAT
Sample name :180-111287-A-65 Analysed :10/01/2020 19:20

Eager 300 Report

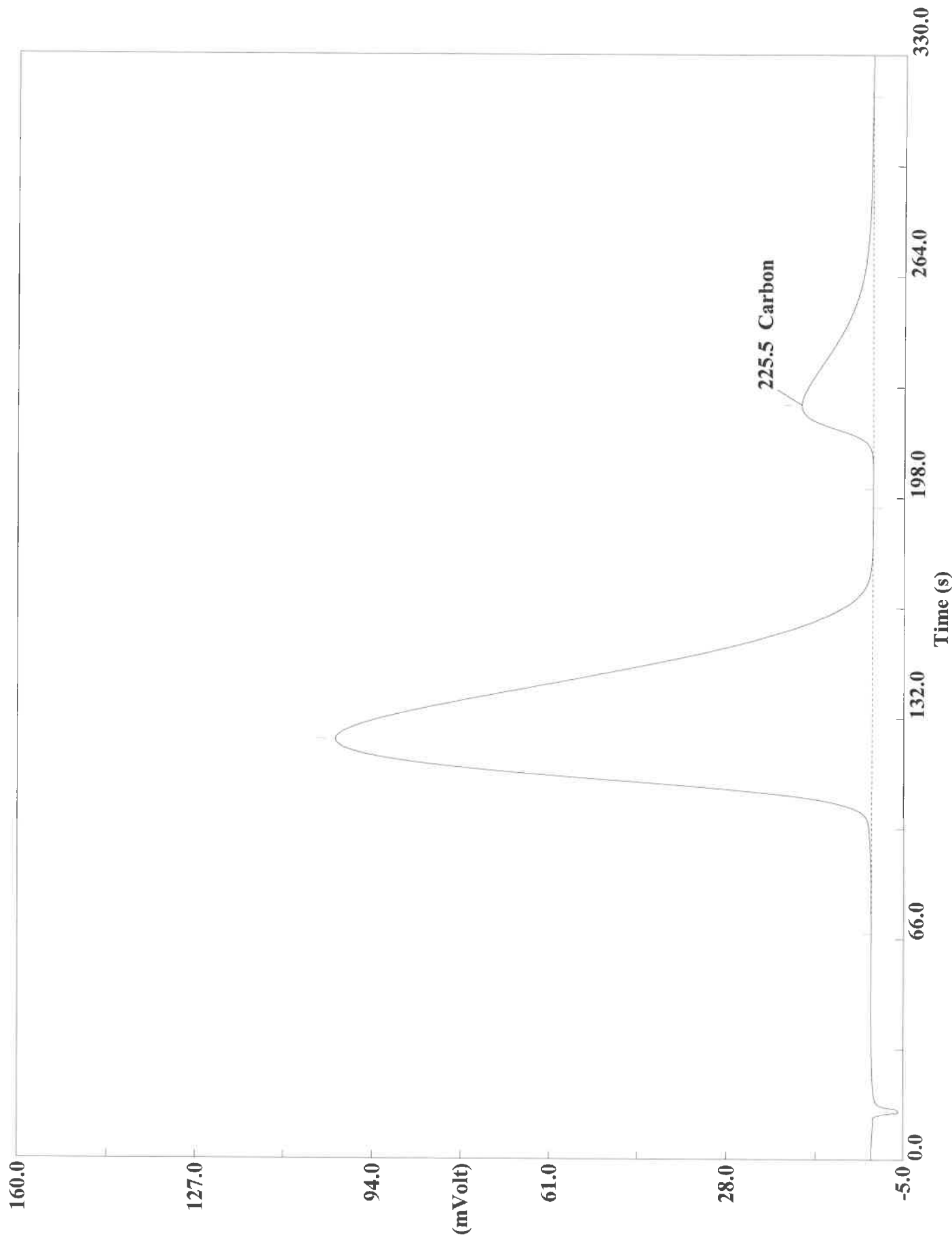
Page: 1 Sample: 180-111287-A-65 (A100120055)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120055
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:20 Printed : 10/2/2020 07:19
Sample ID : 180-111287-A-65 (# 66)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 26.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0027	225	5472799	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120057.DAT
Sample name :180-111287-A-66 Analysed :10/01/2020 19:31

Eager 300 Report

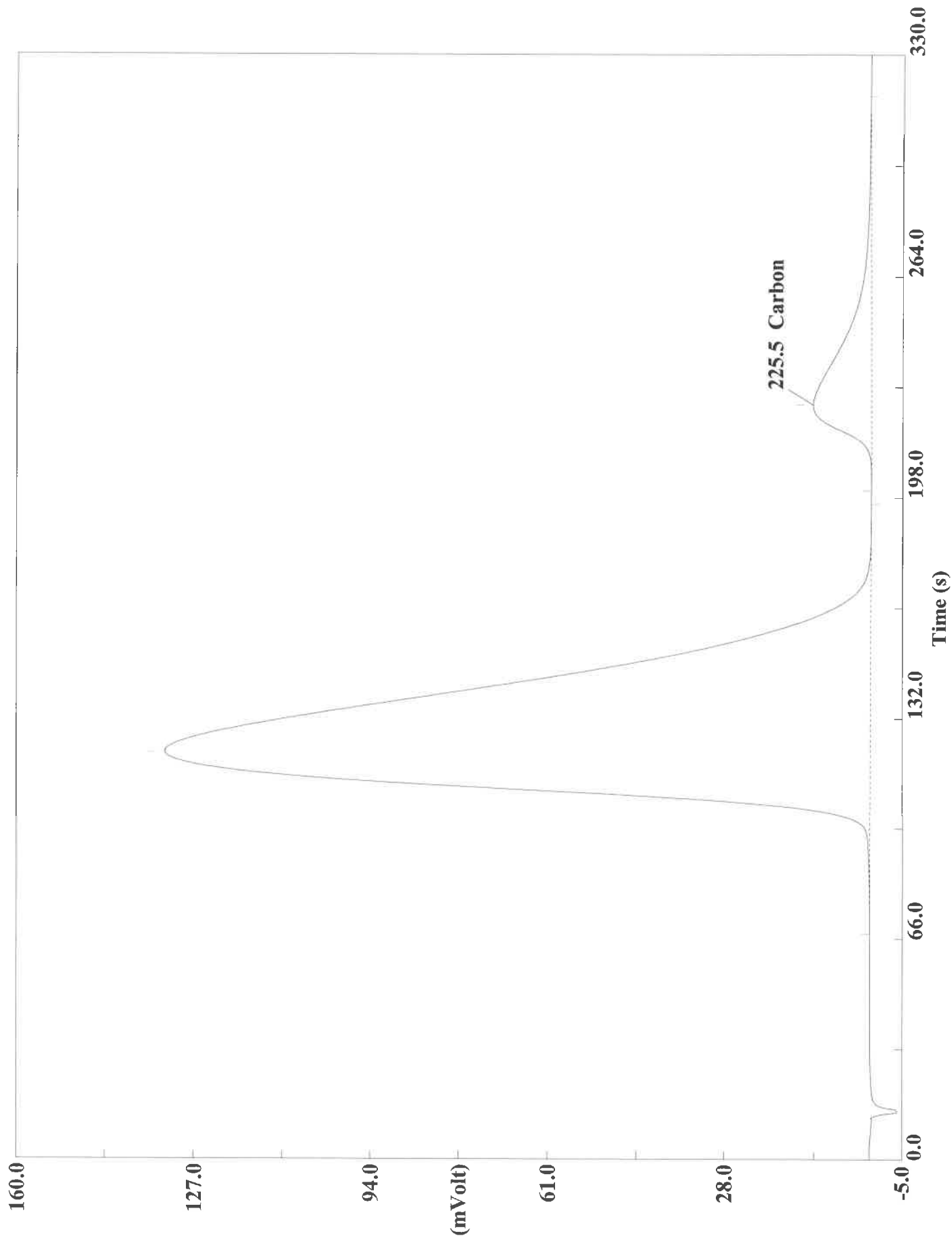
Page: 1 Sample: 180-111287-A-66 (A100120057)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120057
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:31 Printed : 10/2/2020 07:20
Sample ID : 180-111287-A-66 (# 68)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8139	226	3958970	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120058.DAT
Sample name : 180-111287-A-66 Analysed : 10/01/2020 19:36

Eager 300 Report

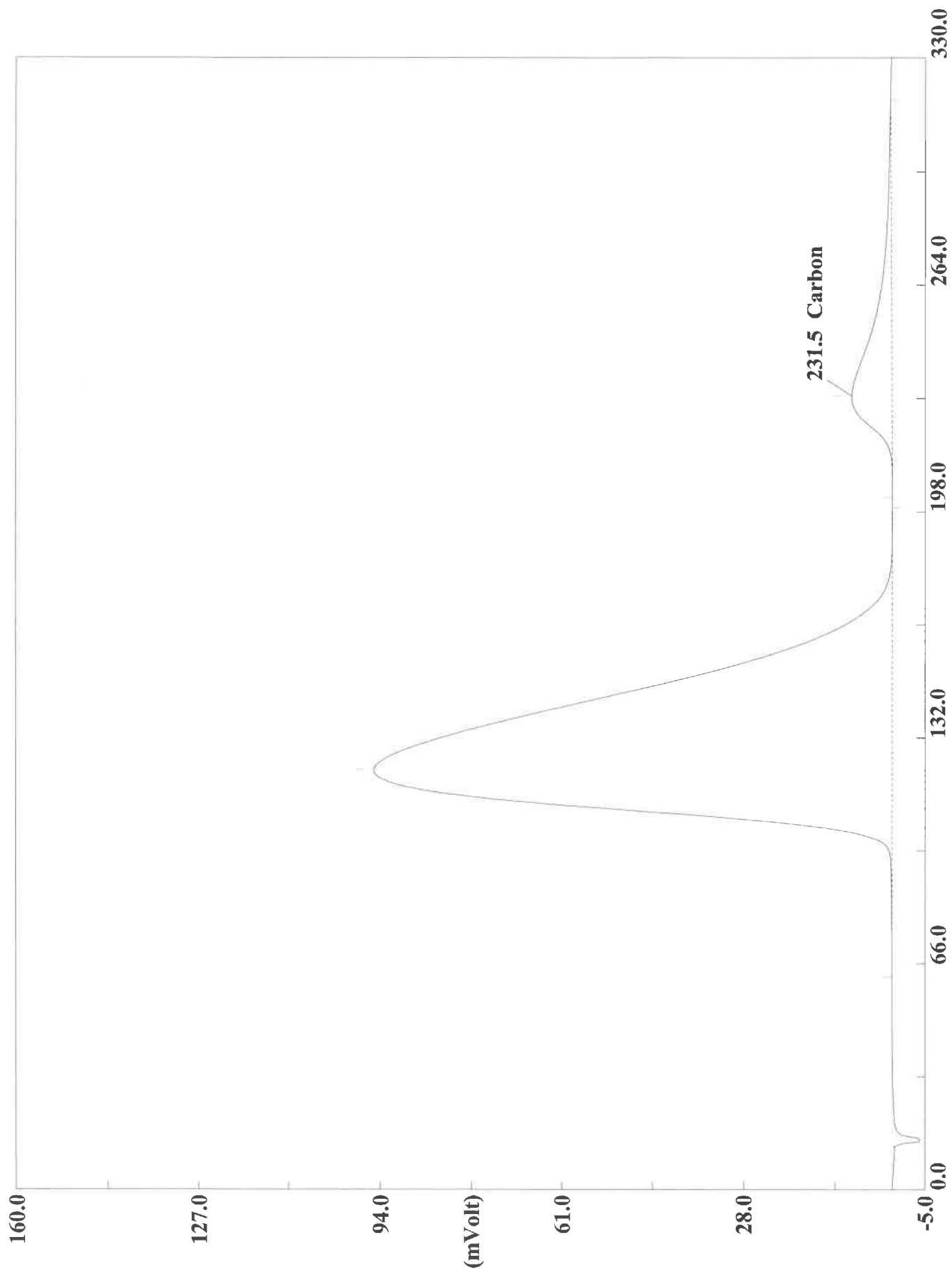
Page: 1 Sample: 180-111287-A-66 (A100120058)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120058
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:36 Printed : 10/2/2020 07:20
Sample ID : 180-111287-A-66 (# 69)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1859	226	3220083	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120060.DAT
Sample name : 180-111287-A-67 Analysed : 10/01/2020 19:47

Eager 300 Report

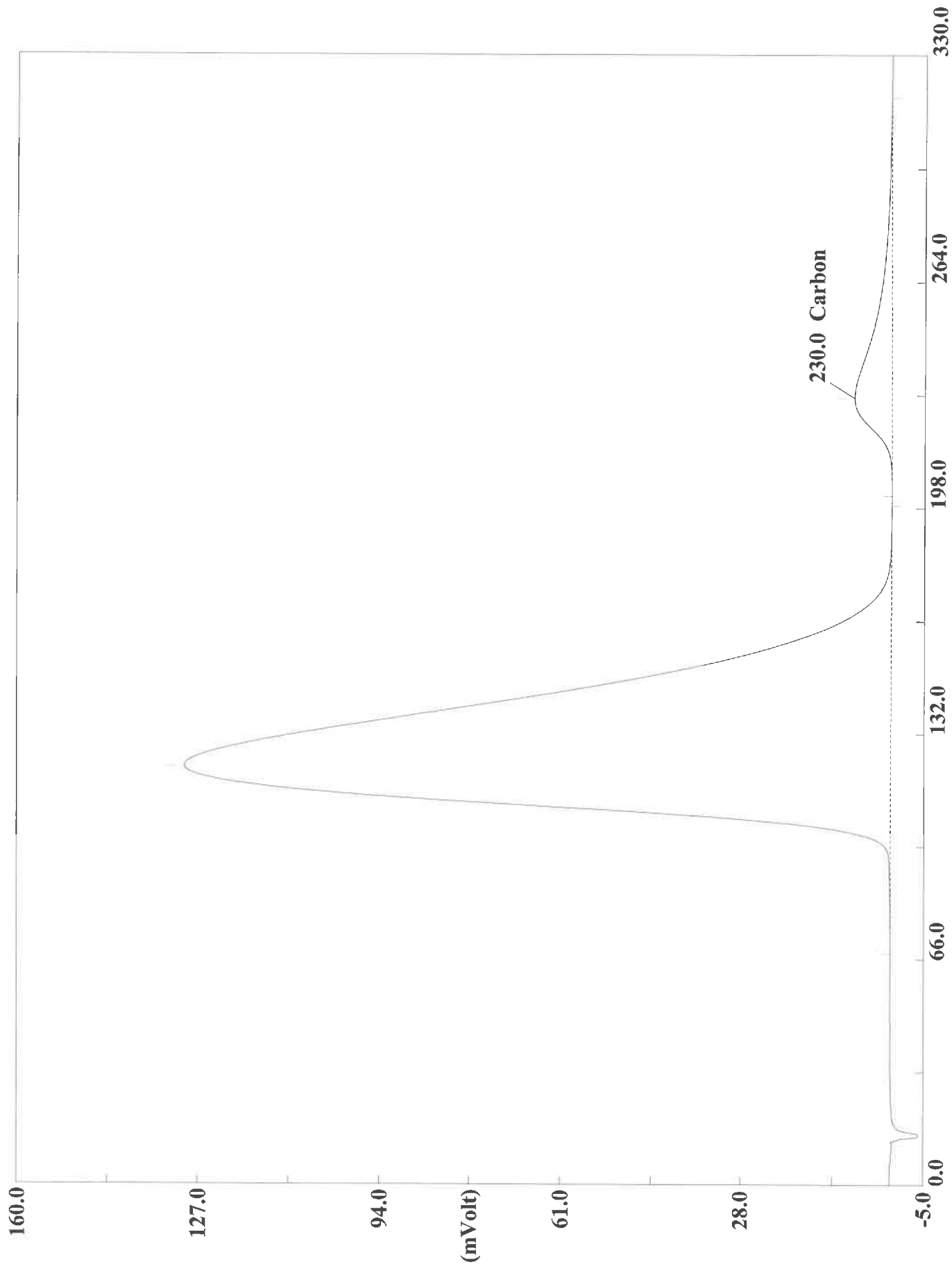
Page: 1 Sample: 180-111287-A-67 (A100120060)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120060
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:47 Printed : 10/2/2020 07:20
Sample ID : 180-111287-A-67 (# 71)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9387	232	2425981	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120061.DAT

Sample name : 180-111287-A-67 Analysed : 10/01/2020 19:53

Eager 300 Report

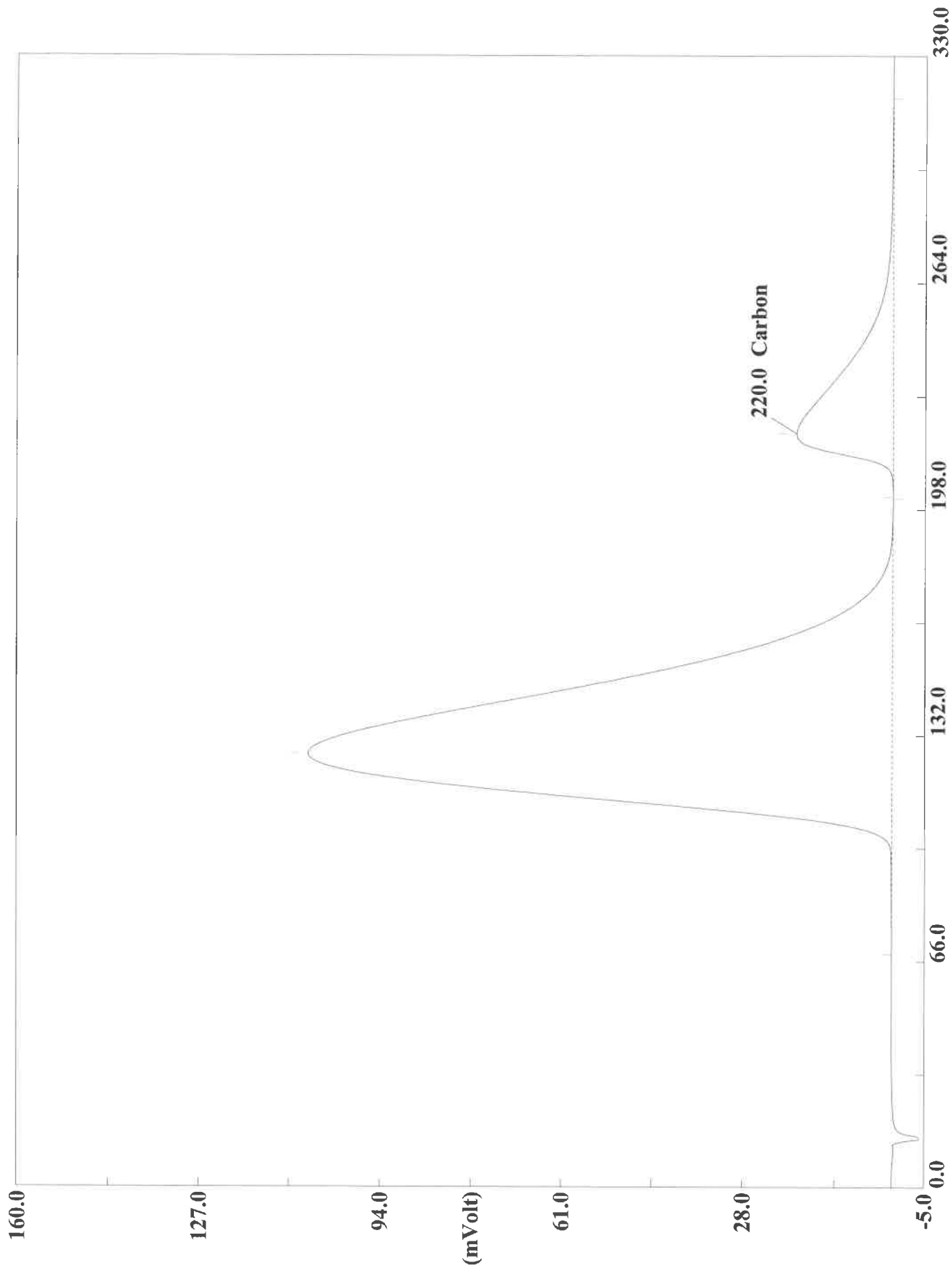
Page: 1 Sample: 180-111287-A-67 (A100120061)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120061
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 19:53 Printed : 10/2/2020 07:20
Sample ID : 180-111287-A-67 (# 72)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1290	230	2255104	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120063.DAT
Sample name :CCV Analysed :10/01/2020 20:04

Eager 300 Report

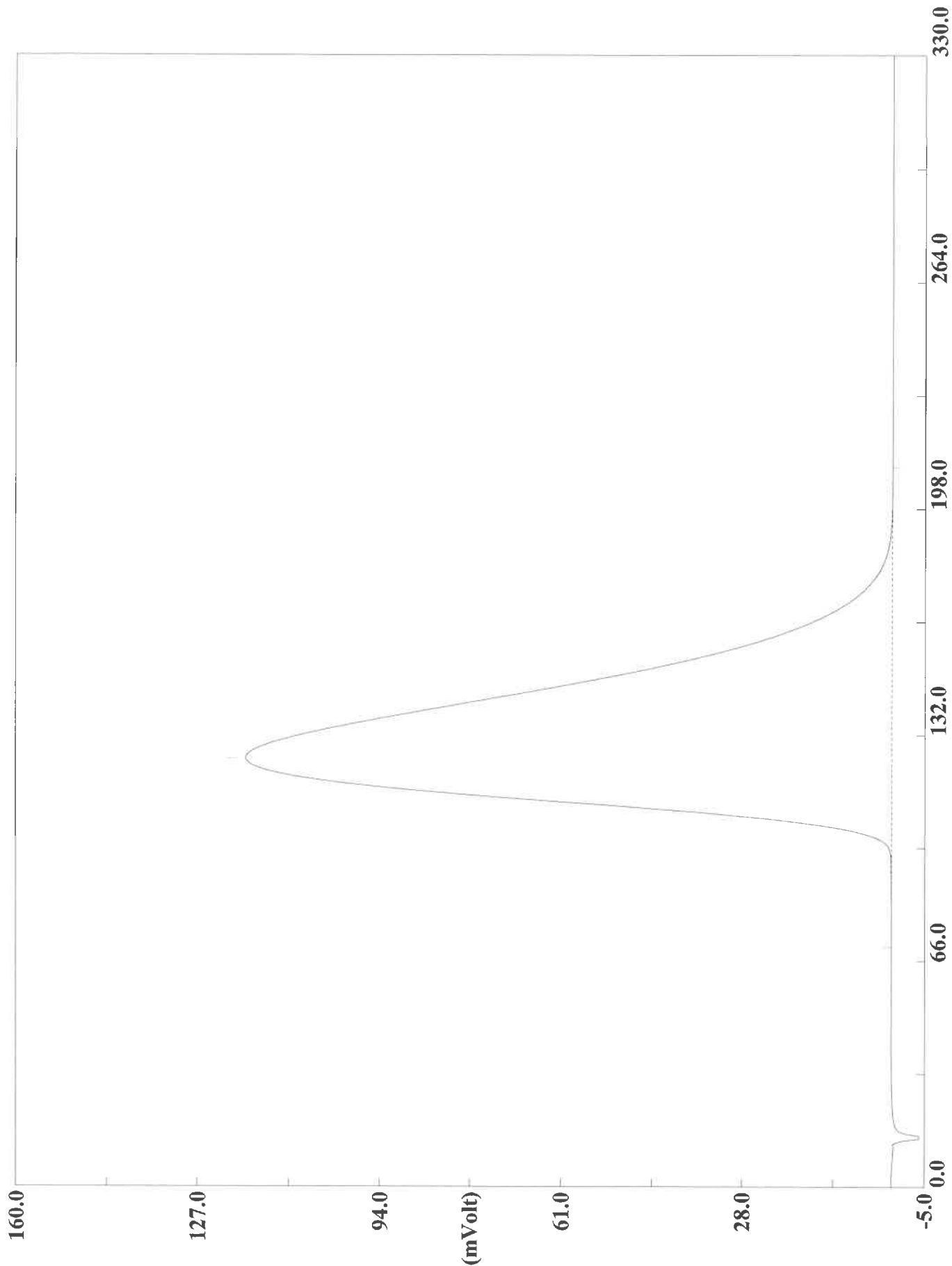
Page: 1 Sample: CCV (A100120063)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120063
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:04 Printed : 10/2/2020 07:20
Sample ID : CCV (# 74)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9406	220	4887180	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120064.DAT
Sample name :CCB Analysed :10/01/2020 20:10

Eager 300 Report

Page: 1 Sample: CCB (A100120064)

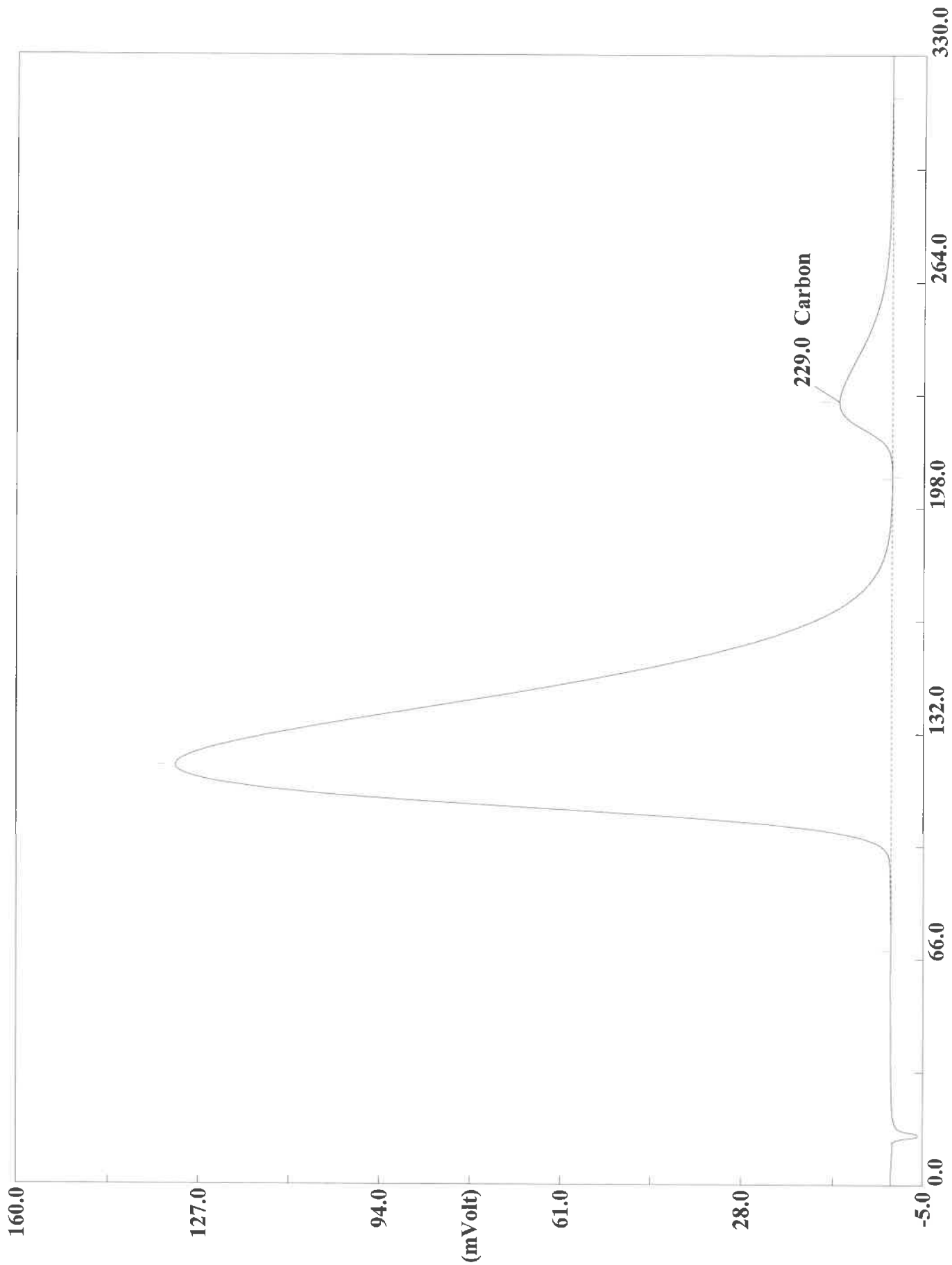
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120064
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:10 Printed : 10/2/2020 07:21
Sample ID : CCB (# 75)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120065.DAT

Sample name : 180-111287-A-69 Analysed : 10/01/2020 20:15

Eager 300 Report

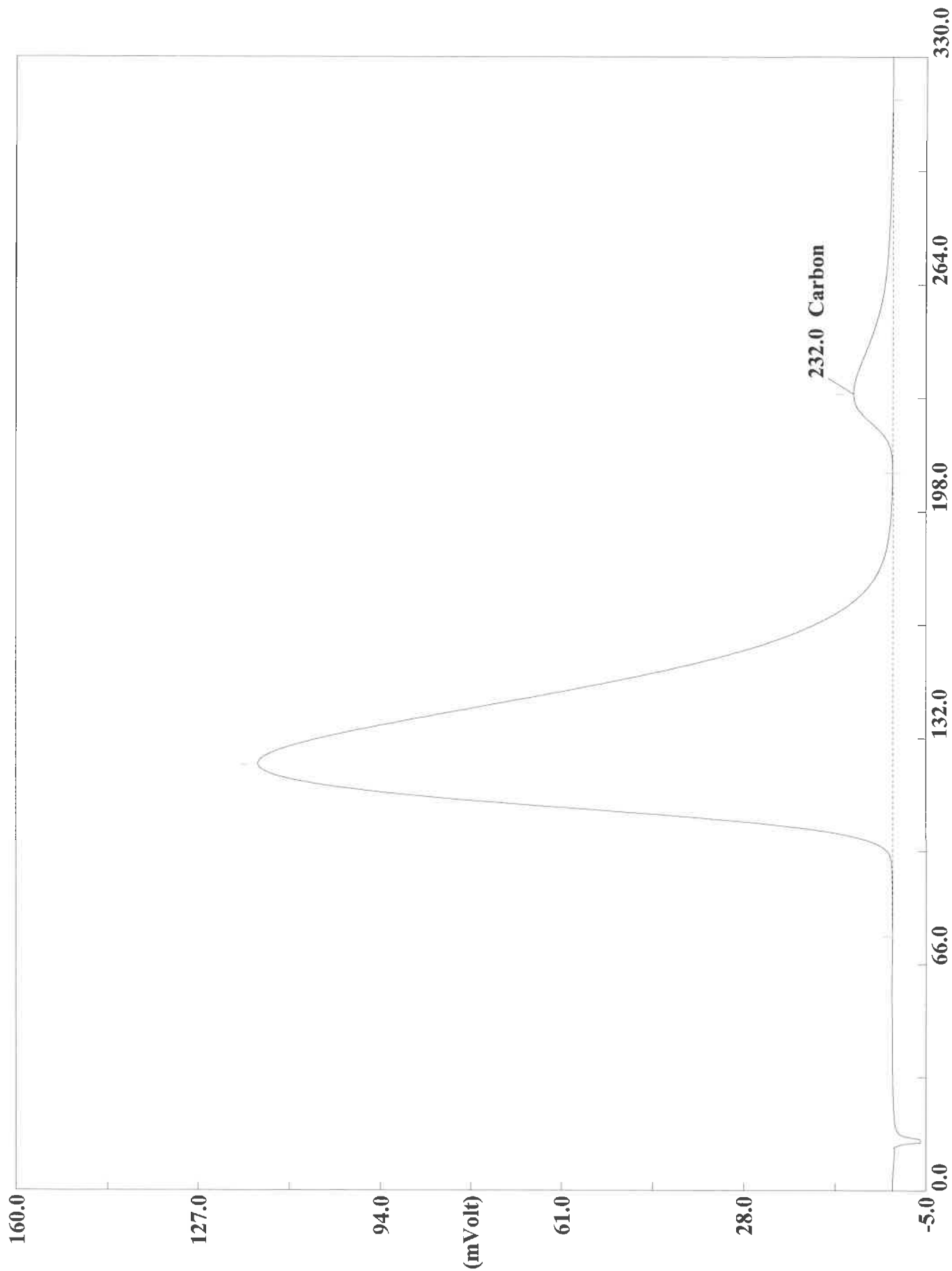
Page: 1 Sample: 180-111287-A-69 (A100120065)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120065
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:15 Printed : 10/2/2020 07:21
Sample ID : 180-111287-A-69 (# 76)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3087	229	2845237	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120066.DAT
Sample name :180-111287-A-69 Analysed :10/01/2020 20:21

Eager 300 Report

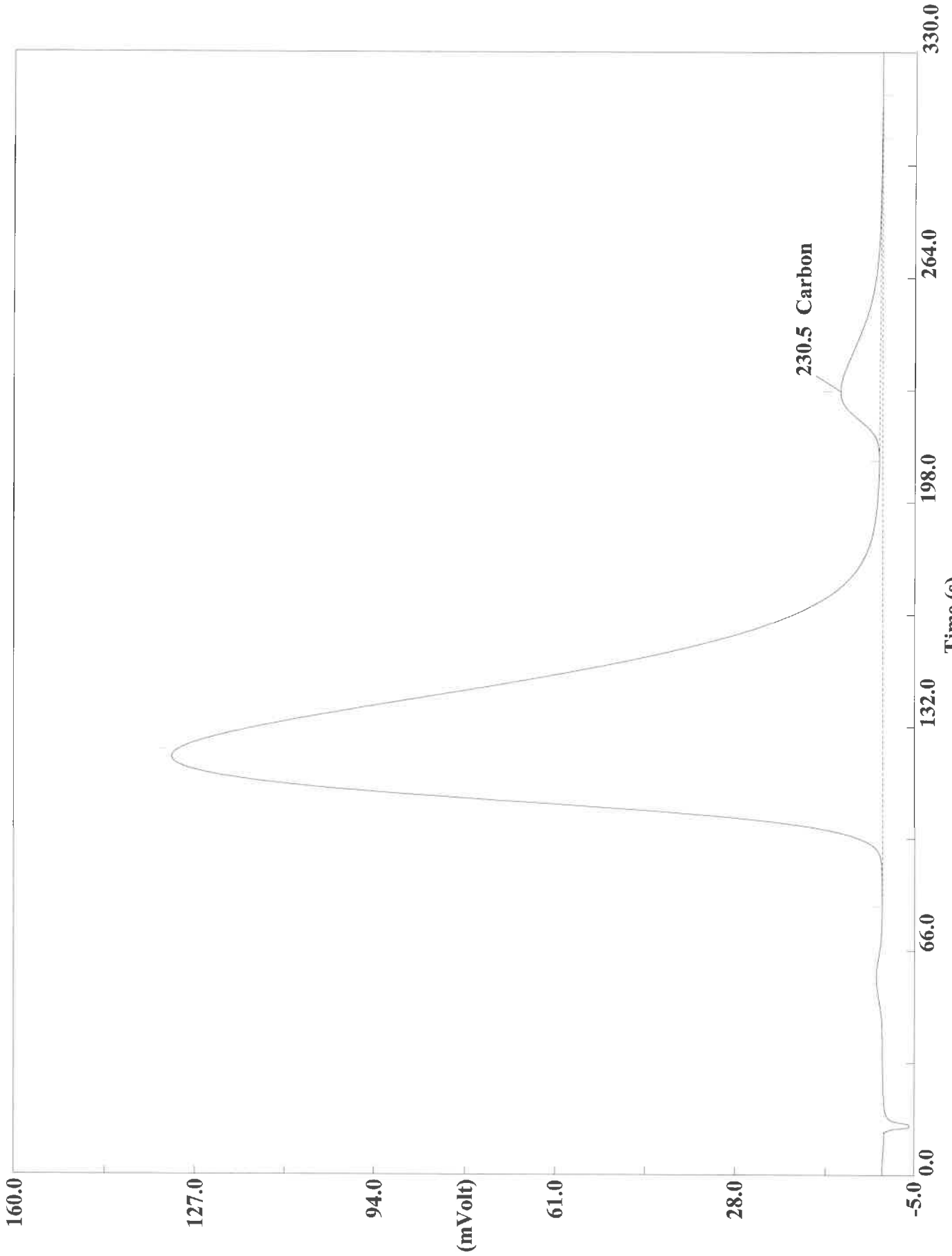
Page: 1 Sample: 180-111287-A-69 (A100120066)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120066
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:21 Printed : 10/2/2020 07:21
Sample ID : 180-111287-A-69 (# 77)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

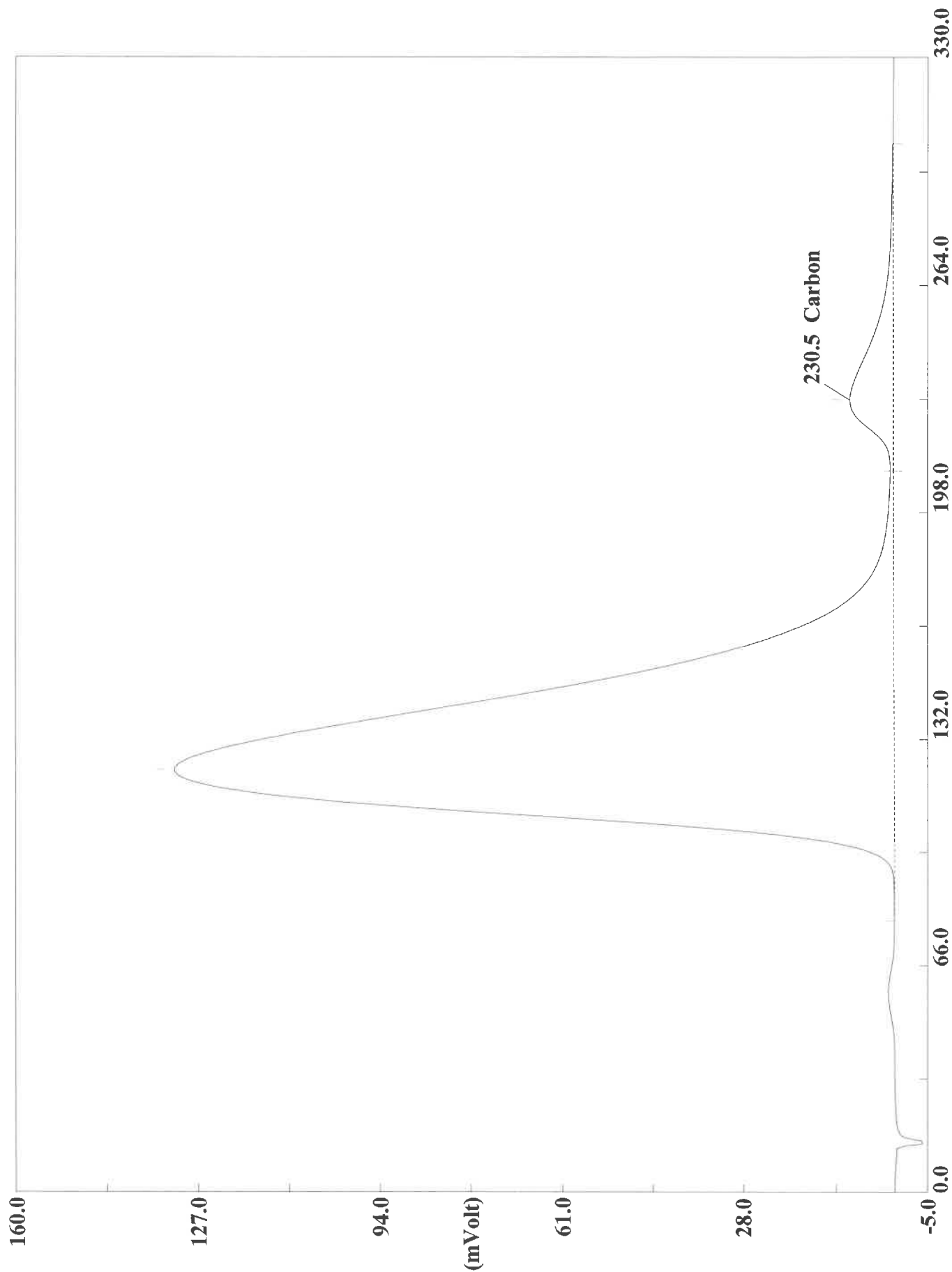
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1950	232	2176771	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120068.DAT
Sample name : 180-111287-A-70 Analysed : 10/01/2020 20:32

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120068.DAT

Sample name :180-111287-A-70 Analysed :10/01/2020 20:32

Eager 300 Report

Page: 1 Sample: 180-111287-A-70 (A100120068)

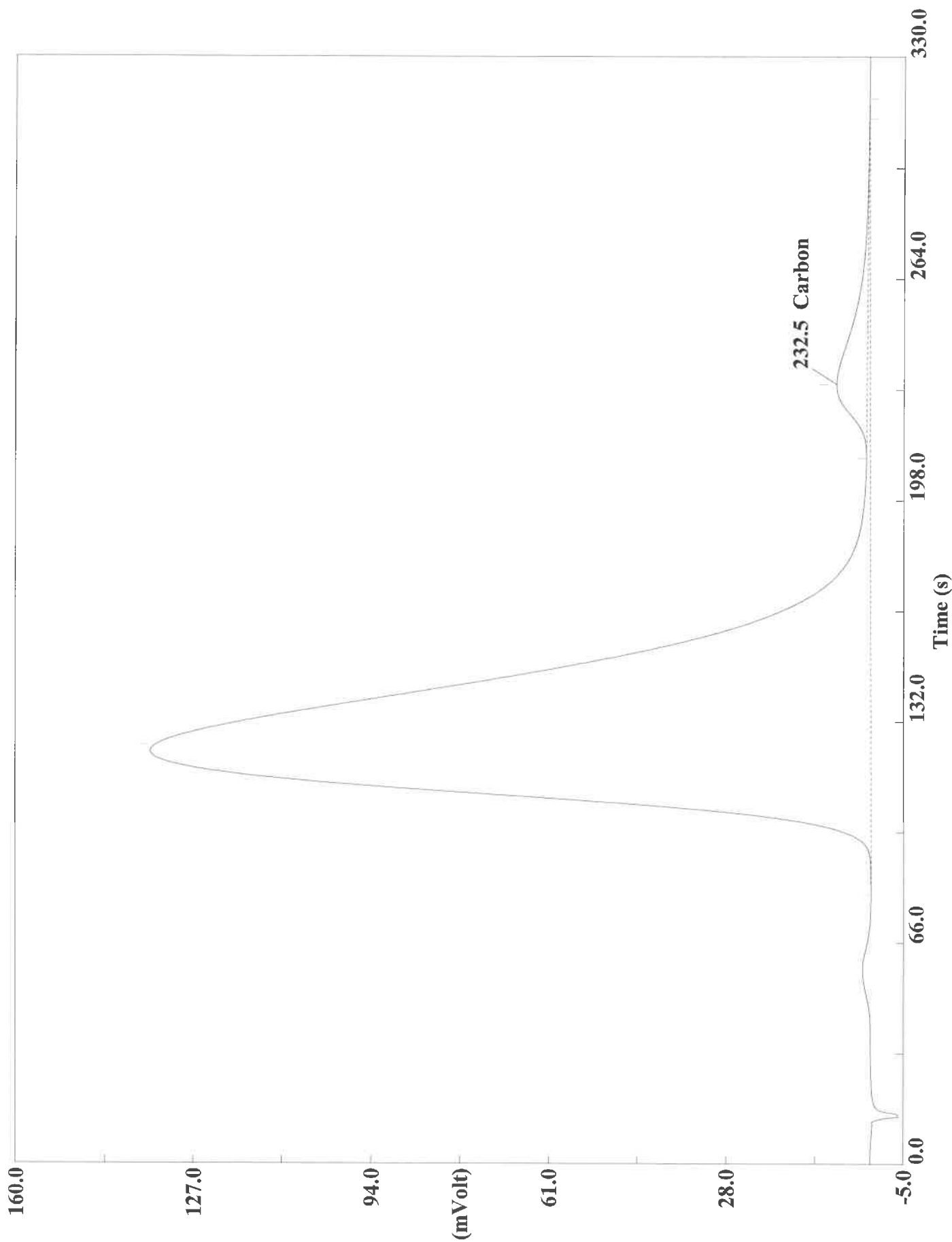
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120068
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:32 Printed : 10/2/2020 07:22
Sample ID : 180-111287-A-70 (# 79)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

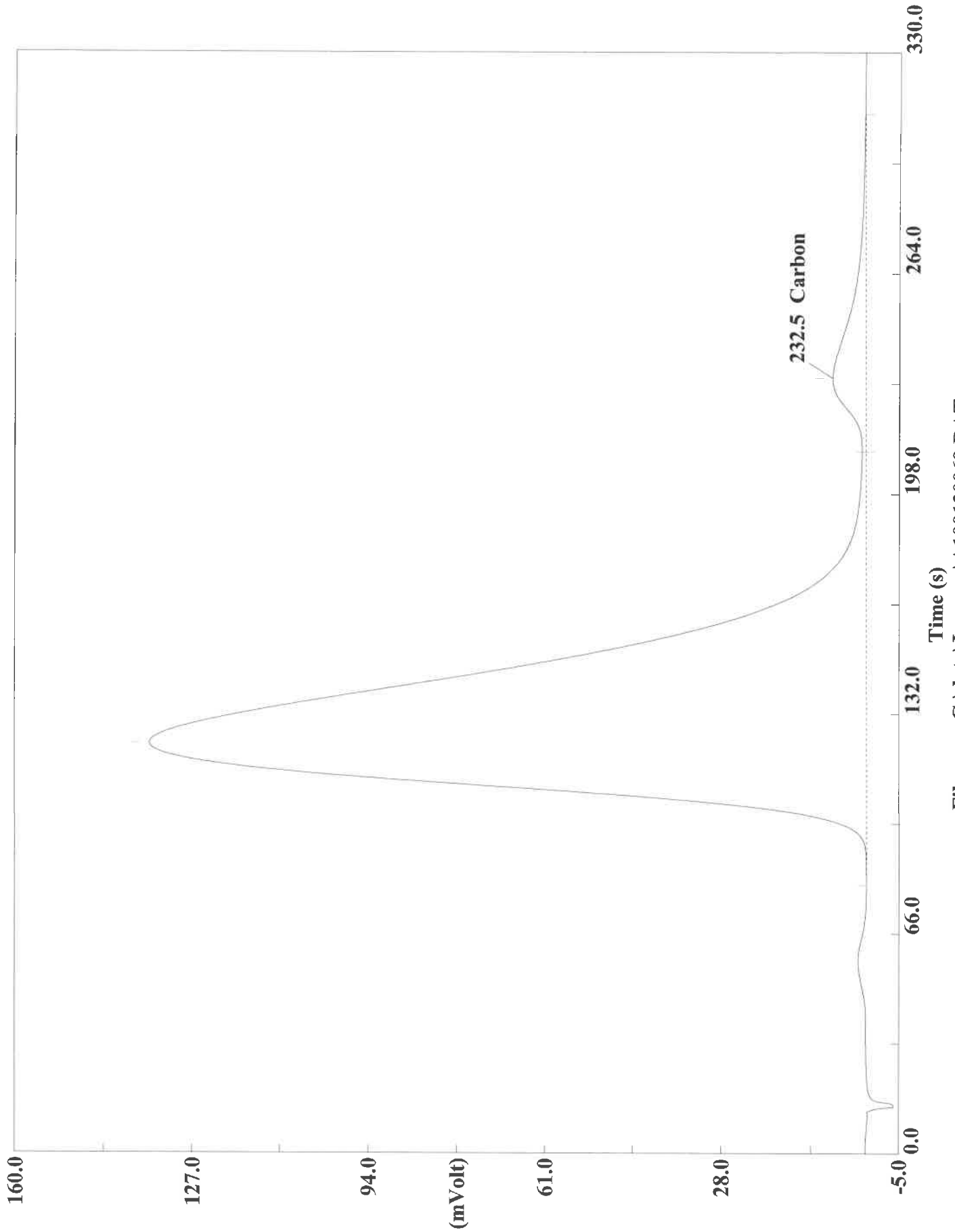
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8909	231	2326058	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120069.DAT
Sample name :180-111287-A-70 Analysed :10/01/2020 20:38

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120069.DAT
Sample name :180-111287-A-70 Analysed :10/01/2020 20:38

Eager 300 Report

Page: 1 Sample: 180-111287-A-70 (A100120069)

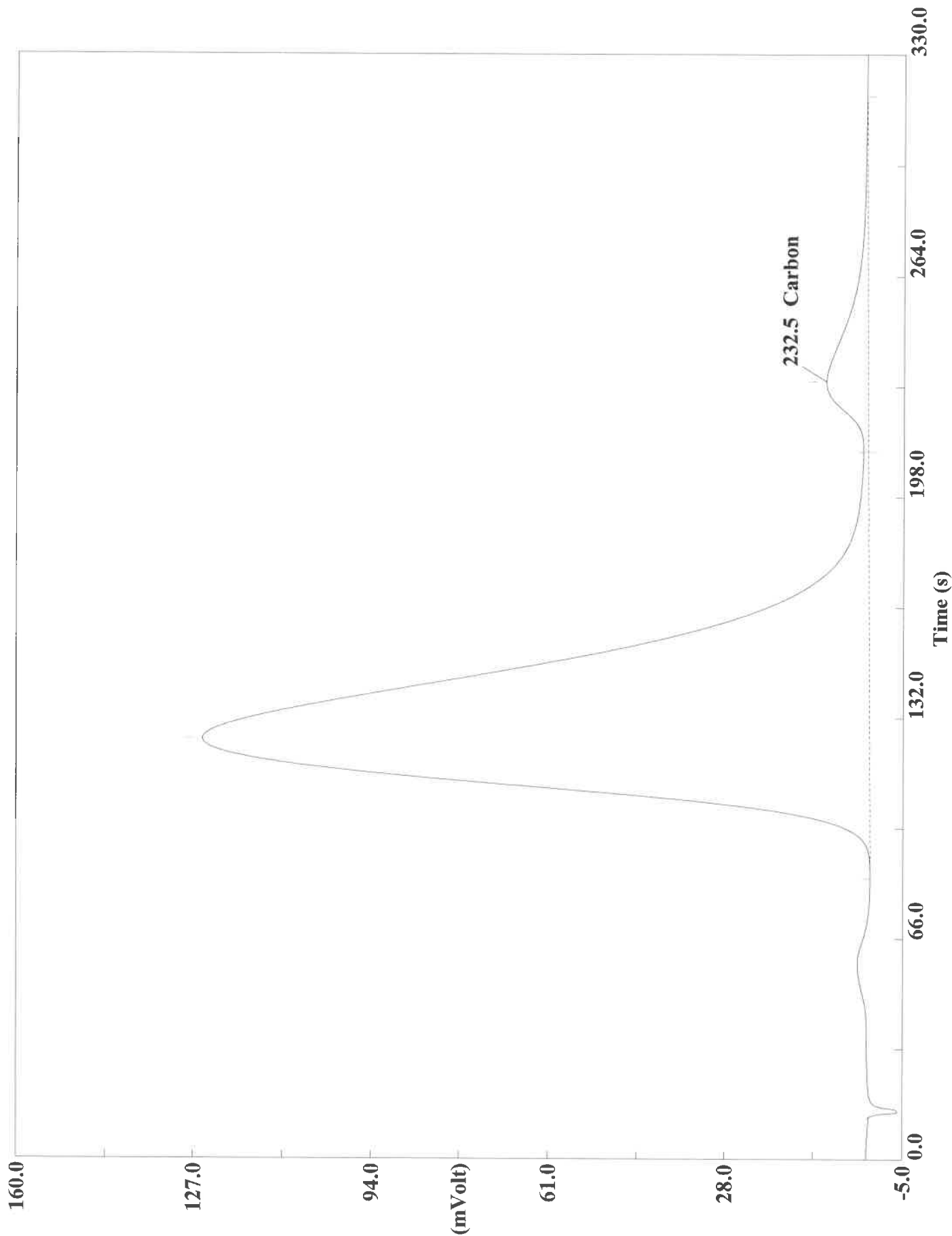
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120069
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:38 Printed : 10/2/2020 07:22
Sample ID : 180-111287-A-70 (# 80)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8082	233	2072255	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120071.DAT
Sample name :180-111287-A-71 Analysed :10/01/2020 20:49

Eager 300 Report

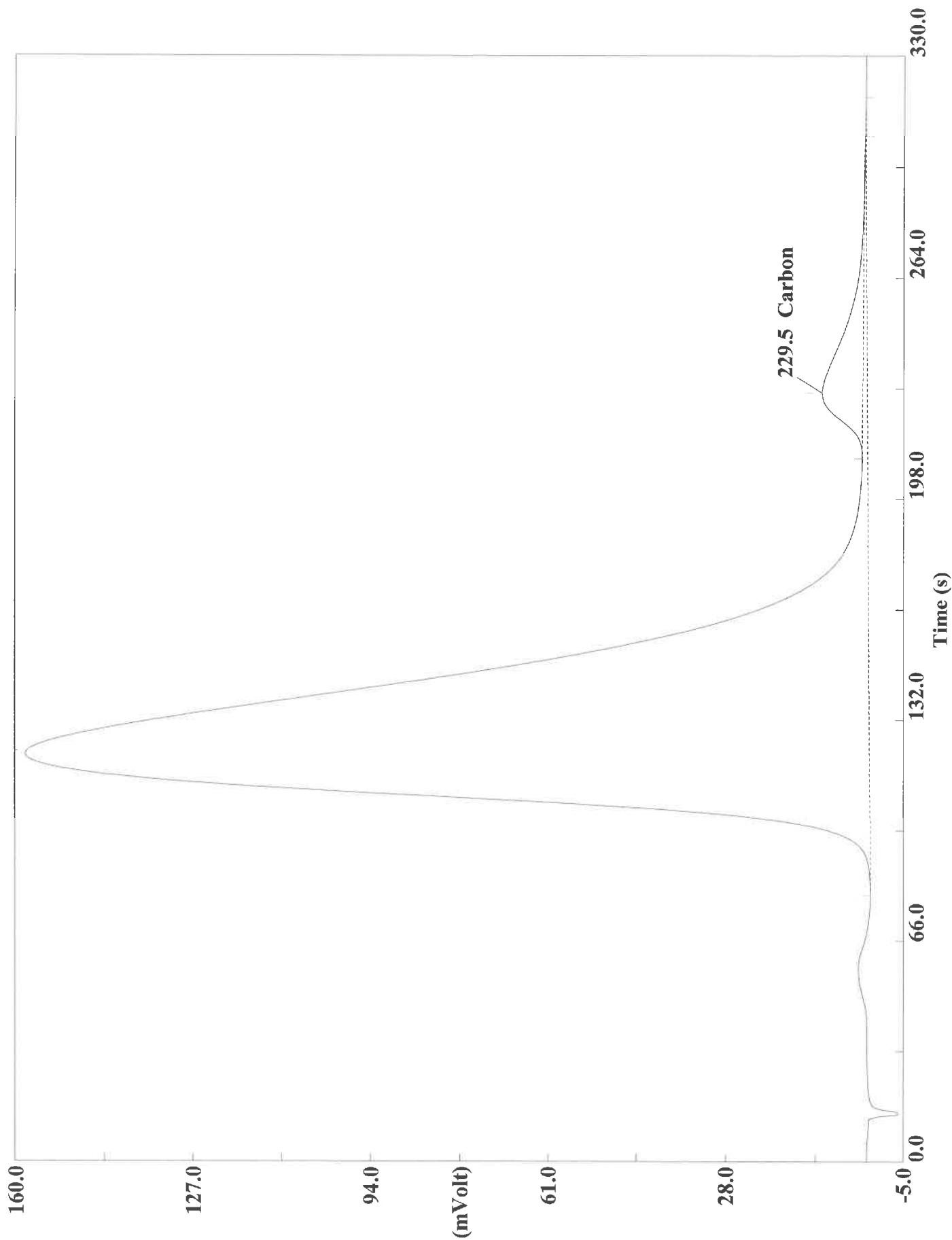
Page: 1 Sample: 180-111287-A-71 (A100120071)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120071
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:49 Printed : 10/2/2020 07:22
Sample ID : 180-111287-A-71 (# 82)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.5

Calib. method : using 'Least Squares to Linear fit'

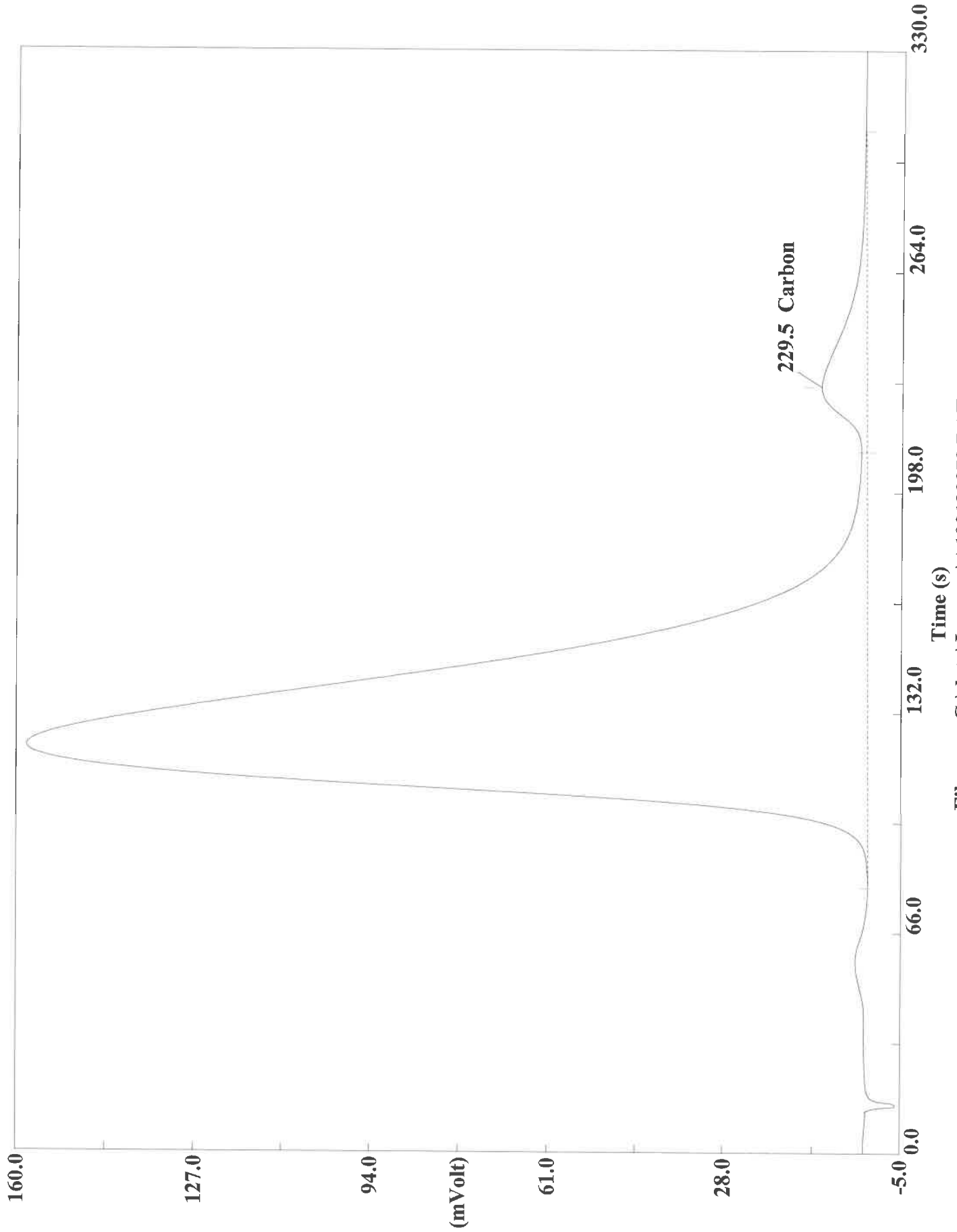
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1936	233	2438805	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120072.DAT
Sample name : 180-111287-A-71 Analysed : 10/01/2020 20:54

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120072.DAT
Sample name :180-111287-A-71 Analysed :10/01/2020 20:54

Eager 300 Report

Page: 1 Sample: 180-111287-A-71 (A100120072)

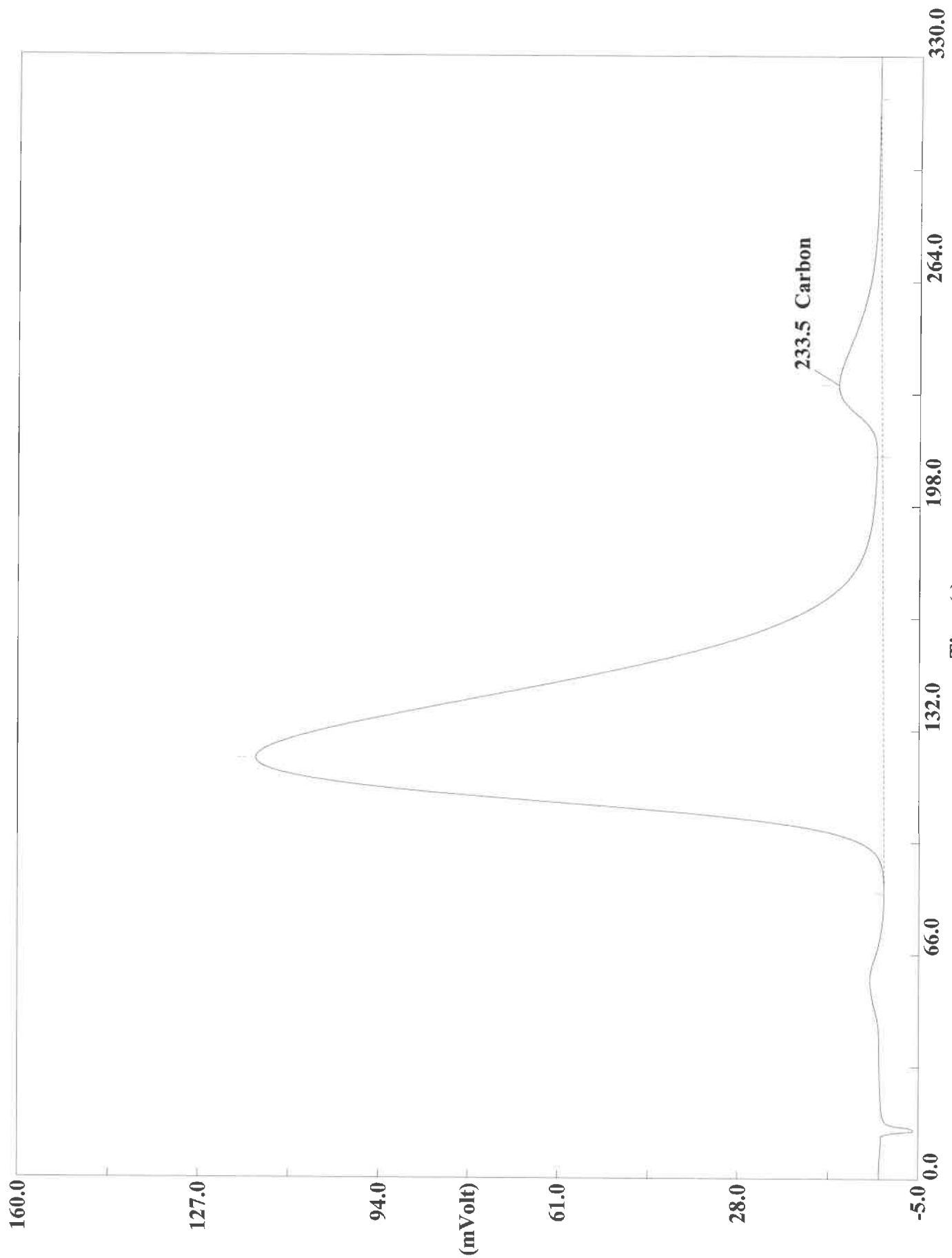
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120072
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 20:54 Printed : 10/2/2020 07:23
Sample ID : 180-111287-A-71 (# 83)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3099	230	2665799	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120074.DAT
Sample name :180-111287-A-72 Analysed :10/01/2020 21:06

Eager 300 Report

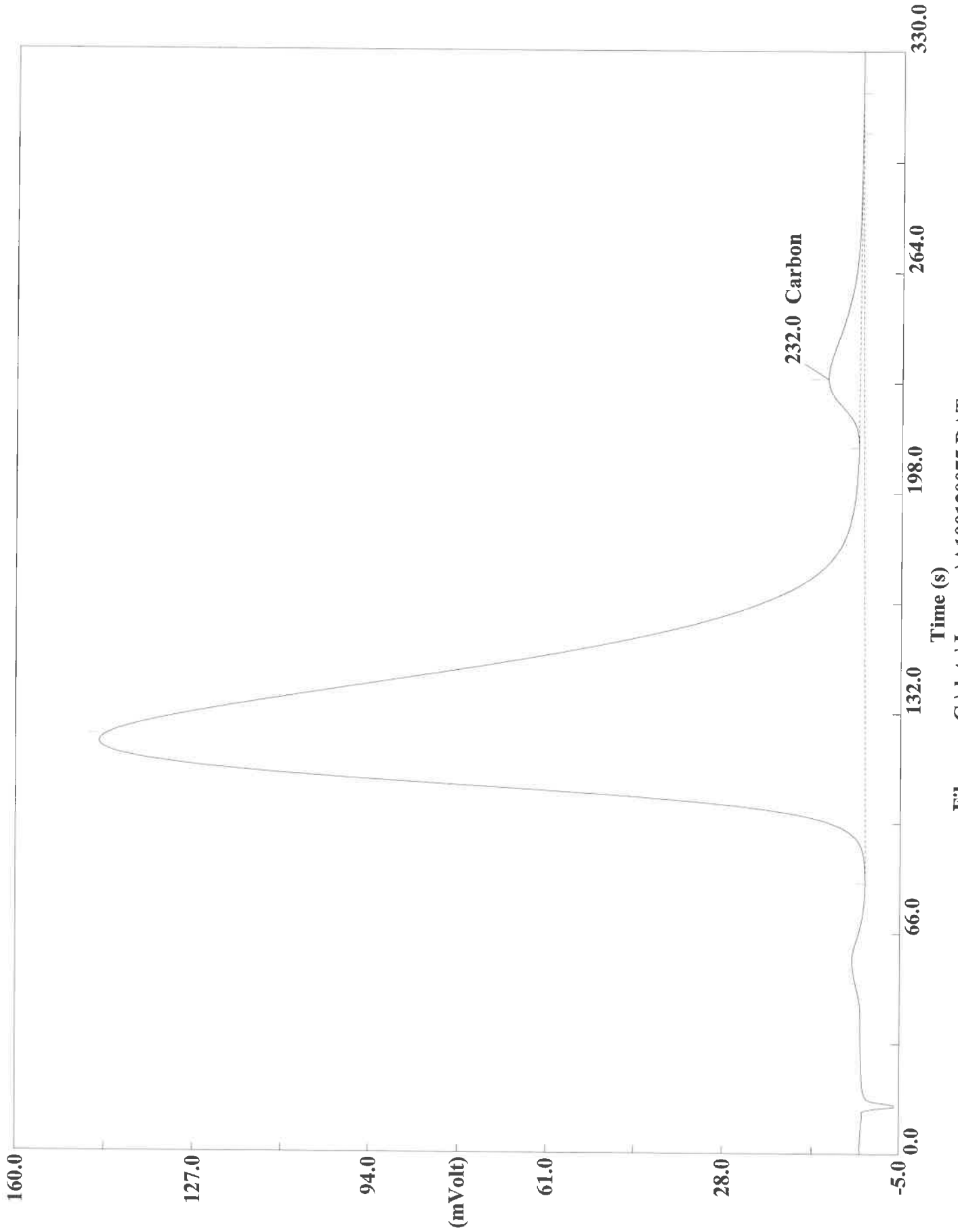
Page: 1 Sample: 180-111287-A-72 (A100120074)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120074
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:06 Printed : 10/2/2020 07:23
Sample ID : 180-111287-A-72 (# 85)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2260	234	2533331	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120075.DAT

Sample name : 180-111287-A-72 Analysed : 10/01/2020 21:11

Eager 300 Report

Page: 1 Sample: 180-111287-A-72 (A100120075)

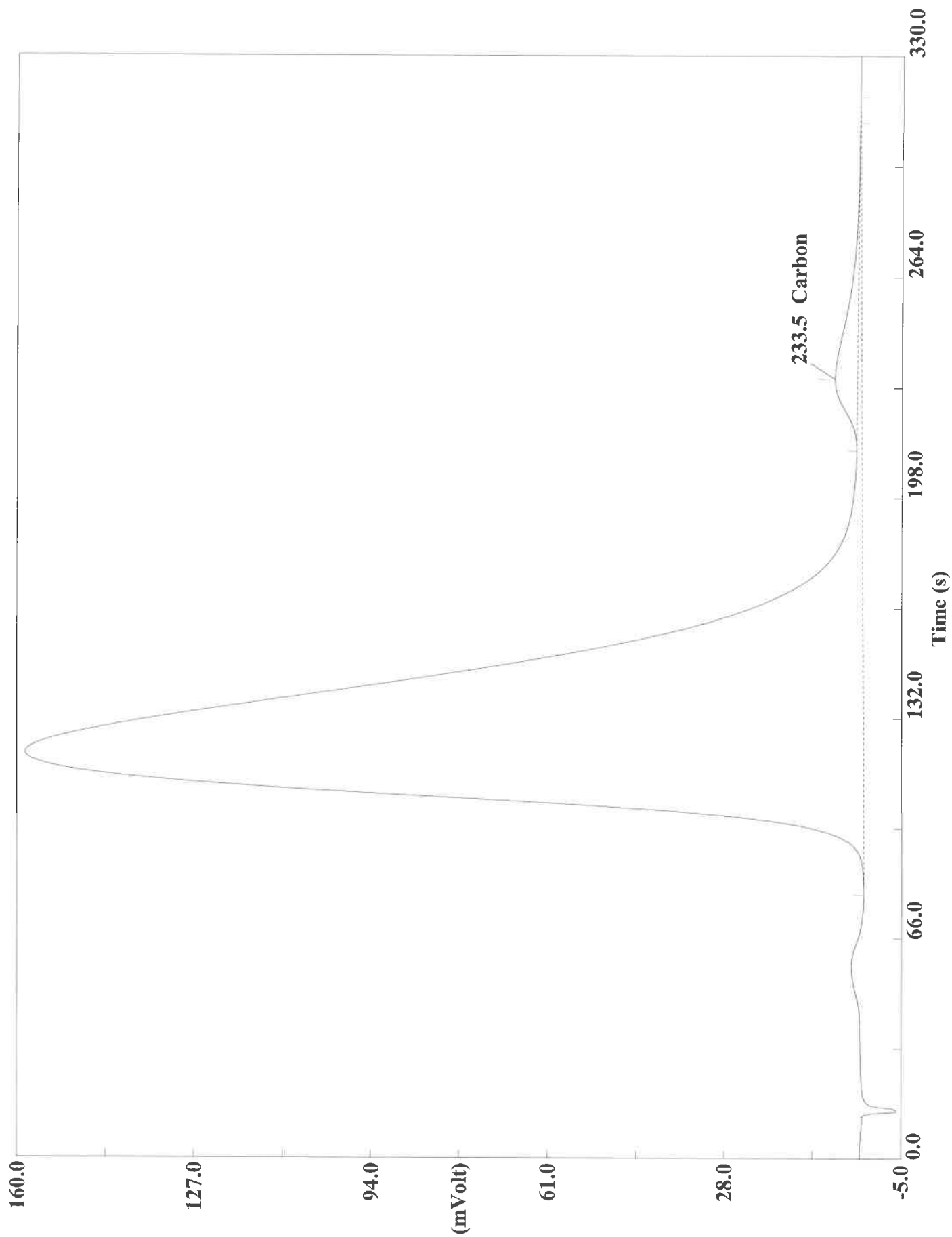
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120075
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:11 Printed : 10/2/2020 07:24
Sample ID : 180-111287-A-72 (# 86)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

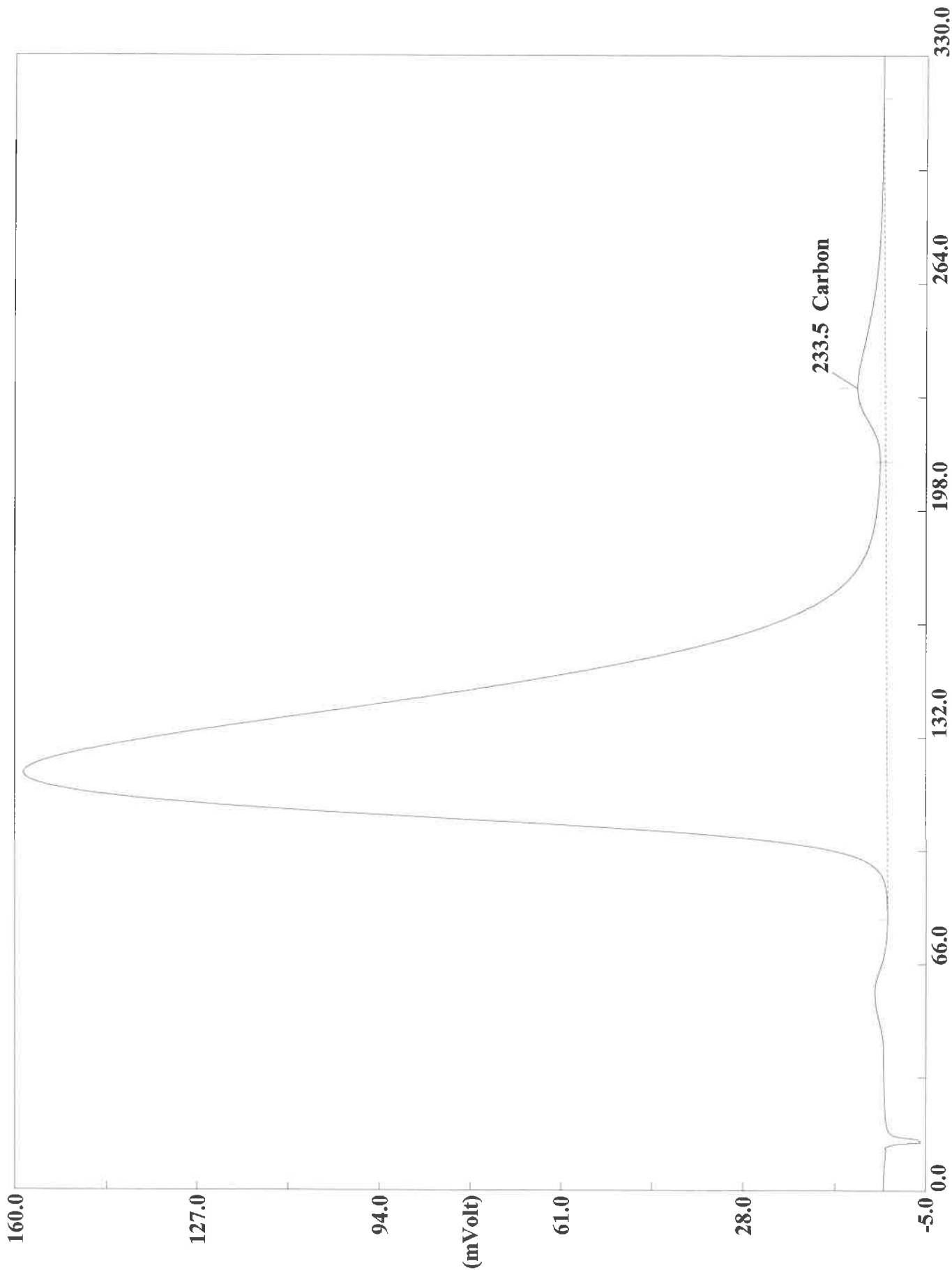
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1840	232	2165770	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120077.DAT
Sample name :180-111287-A-73 Analysed :10/01/2020 21:22

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120077.DAT
Sample name :180-111287-A-73 Analysed :10/01/2020 21:22

Eager 300 Report

Page: 1 Sample: 180-111287-A-73 (A100120077)

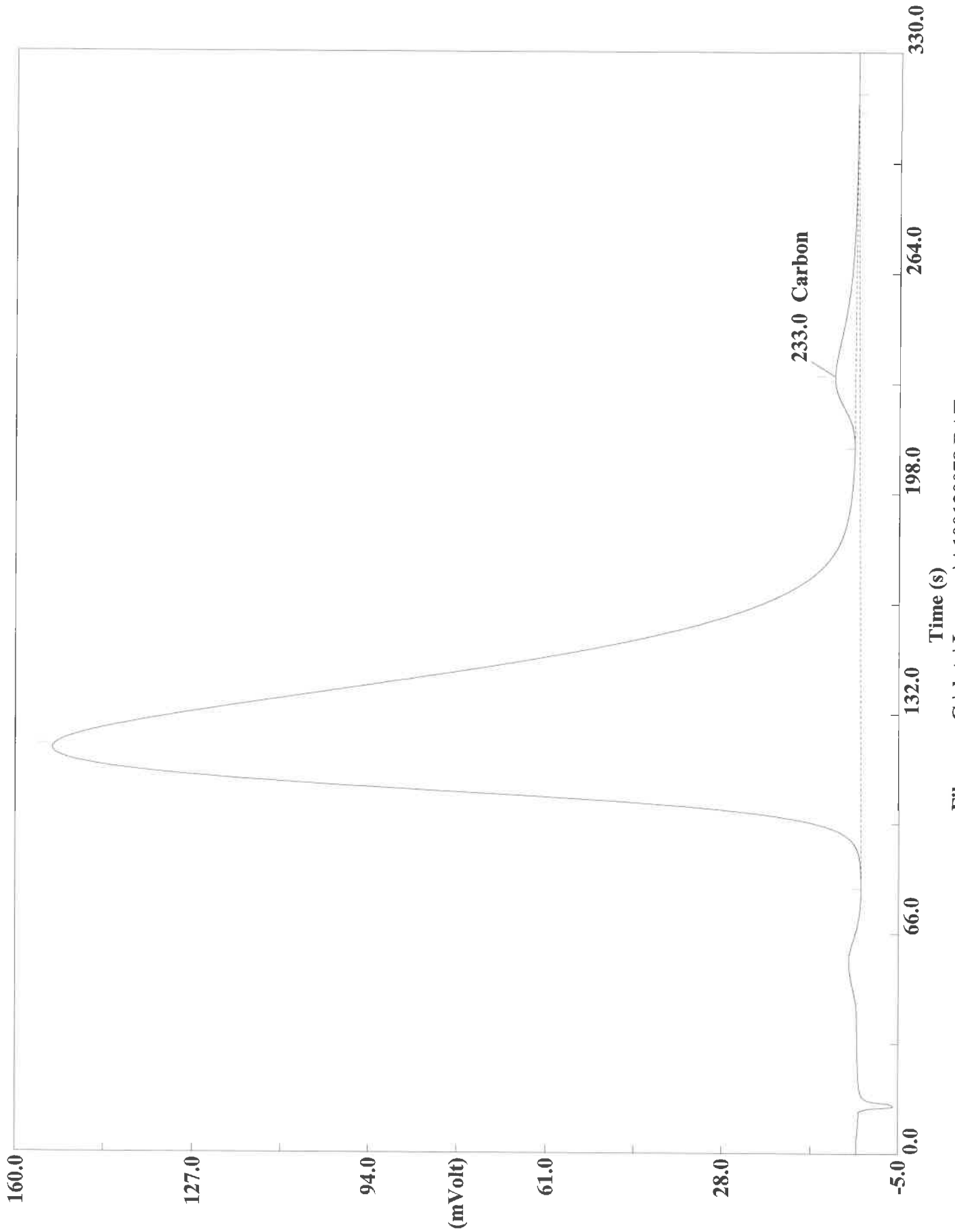
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120077
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:22 Printed : 10/2/2020 07:24
Sample ID : 180-111287-A-73 (# 88)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

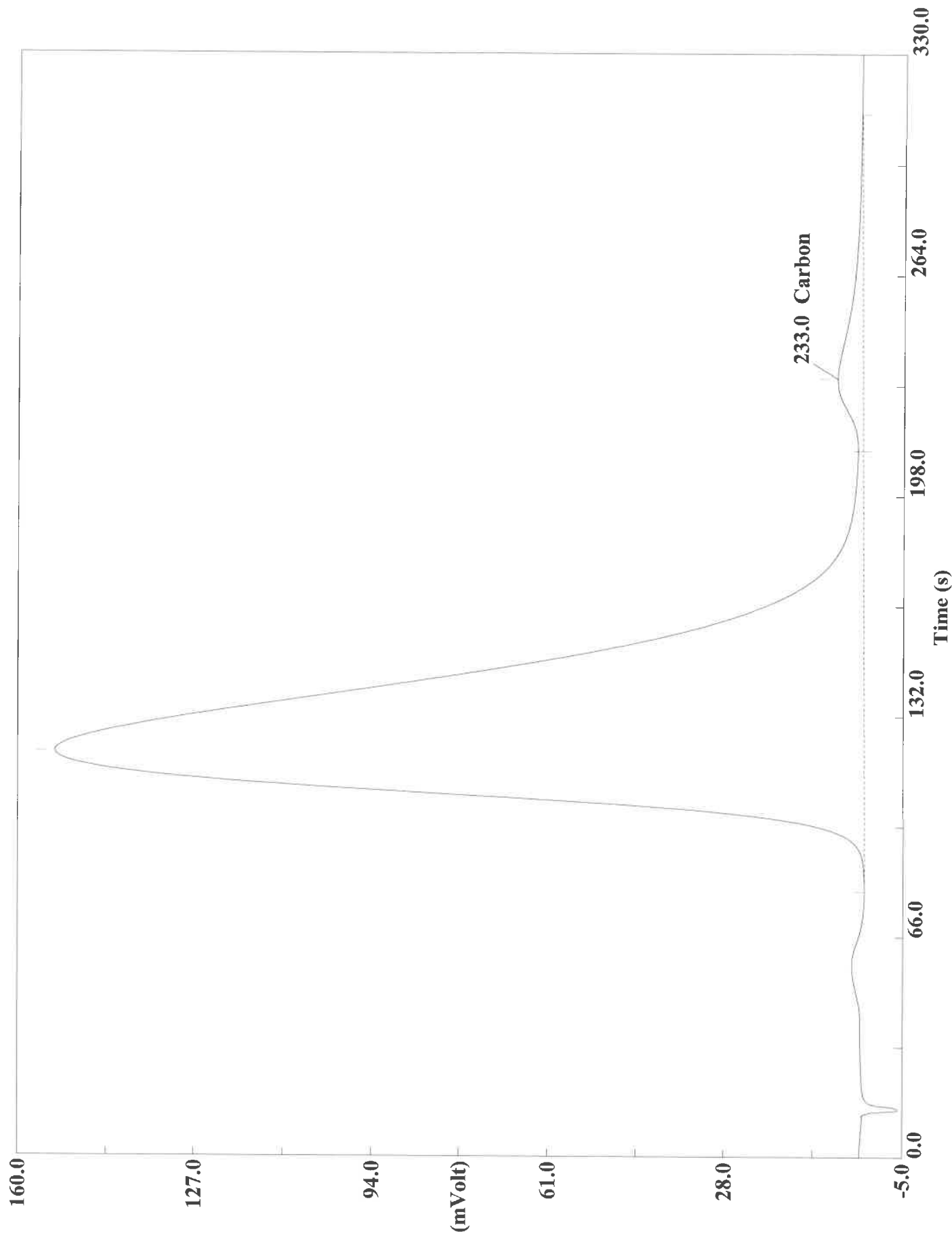
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9741	234	1831718	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120078.DAT
Sample name :180-111287-A-73 Analysed :10/01/2020 21:28

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120078.DAT
Sample name :180-111287-A-73 Analysed :10/01/2020 21:28

Eager 300 Report

Page: 1 Sample: 180-111287-A-73 (A100120078)

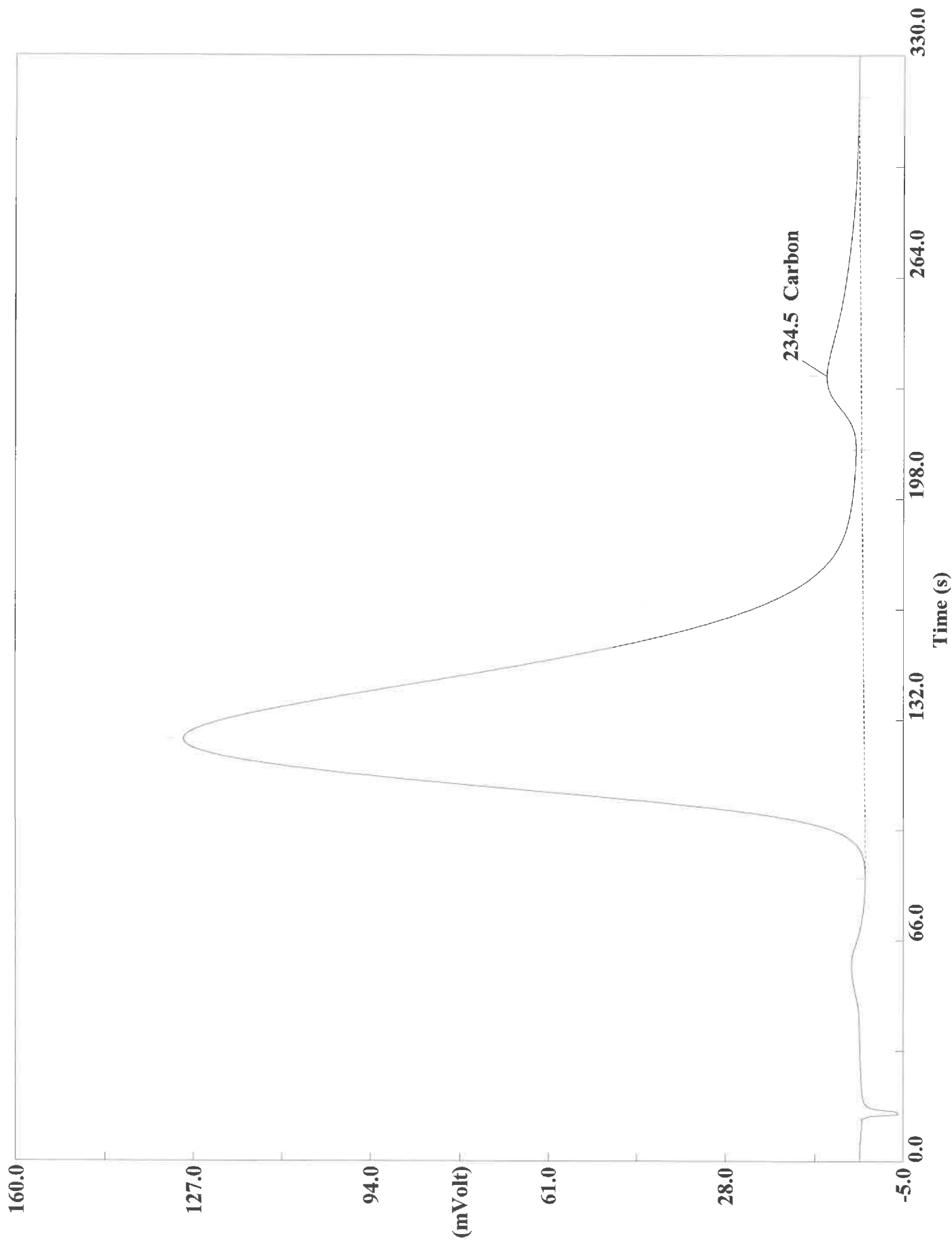
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120078
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:28 Printed : 10/2/2020 07:25
Sample ID : 180-111287-A-73 (# 89)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.3

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7648	233	1662614	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120080.DAT

Sample name :180-111287-A-74 Analysed :10/01/2020 21:39

Eager 300 Report

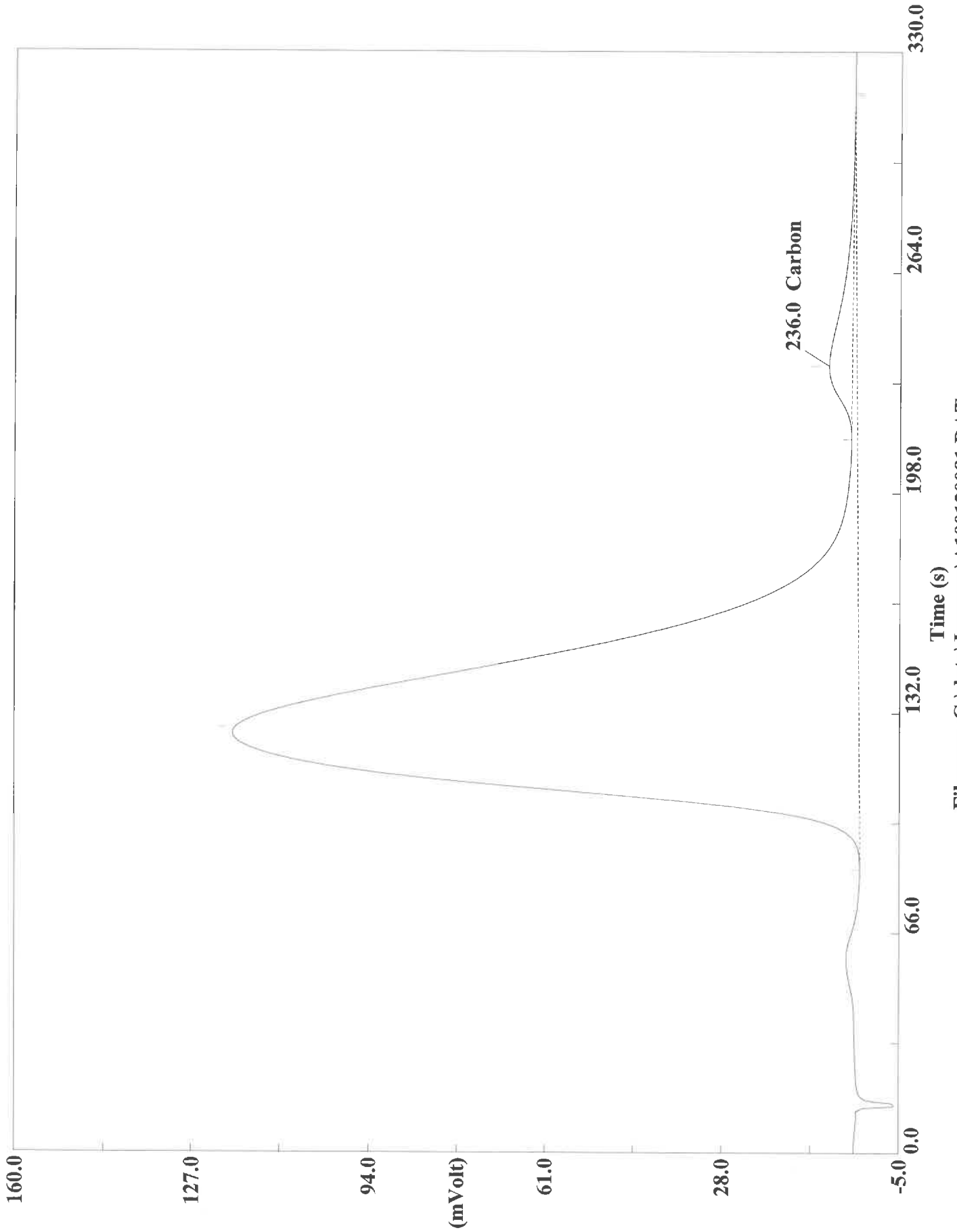
Page: 1 Sample: 180-111287-A-74 (A100120080)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120080
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:39 Printed : 10/2/2020 07:25
Sample ID : 180-111287-A-74 (# 91)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.9

Calib. method : using 'Least Squares to Linear fit'

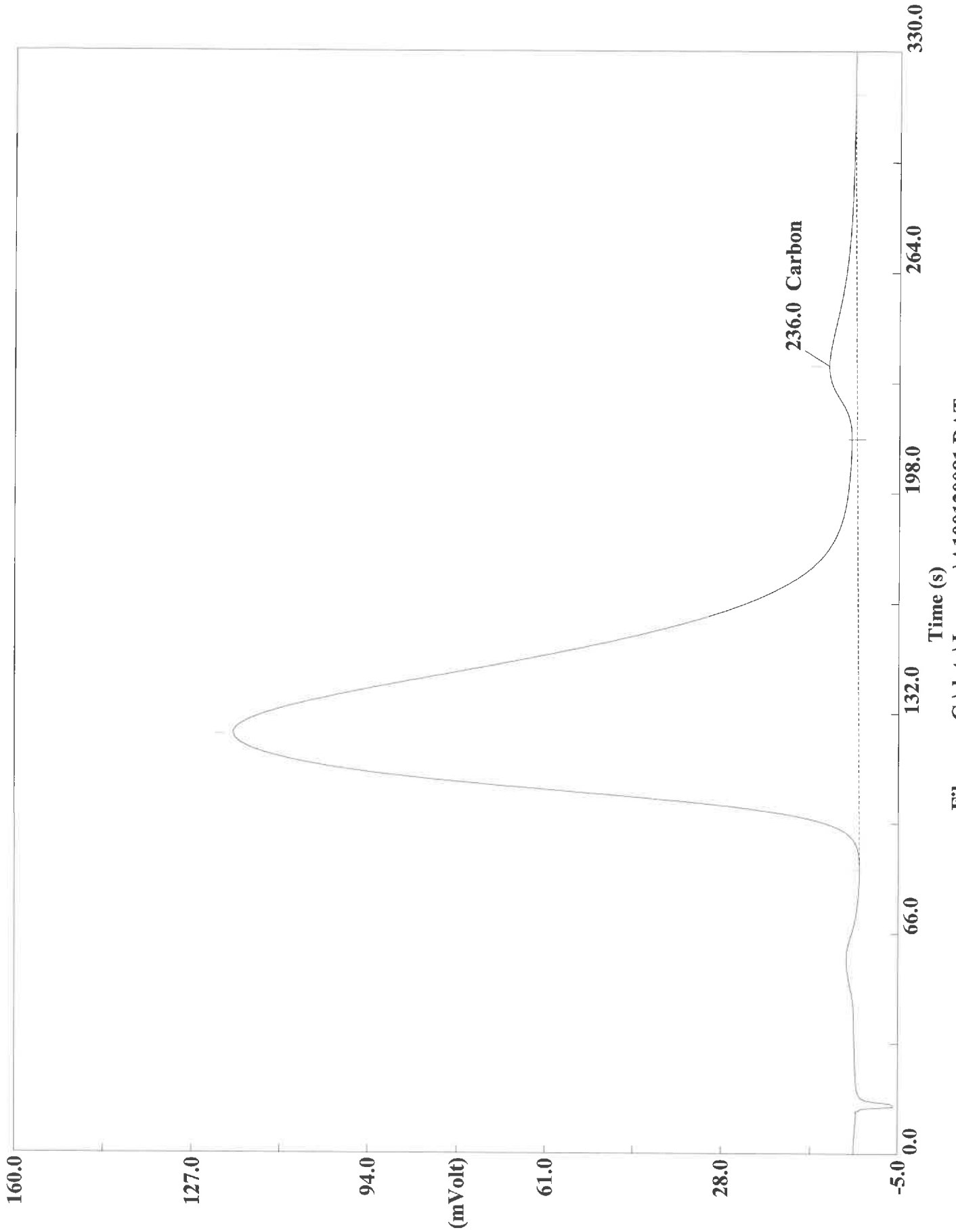
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2052	235	2497879	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120081.DAT
Sample name : 180-111287-A-74 Analysed : 10/01/2020 21:45

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120081.DAT
Sample name :180-111287-A-74 Analysed :10/01/2020 21:45

Eager 300 Report

Page: 1 Sample: 180-111287-A-74 (A100120081)

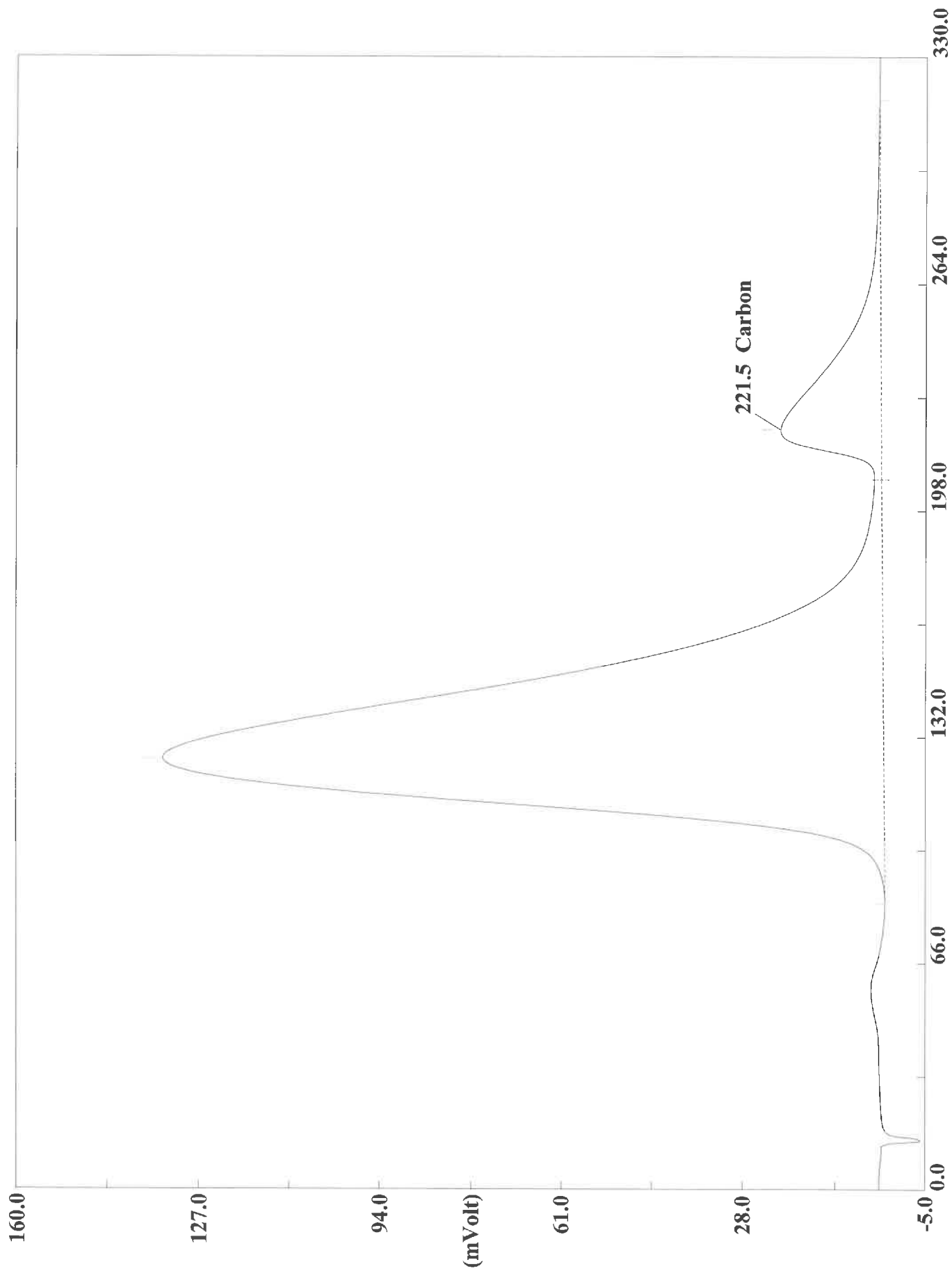
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120081
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:45 Printed : 10/2/2020 07:25
Sample ID : 180-111287-A-74 (# 92)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.6

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1391	236	1942059	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120083.DAT
Sample name :CCV Analysed :10/01/2020 21:56

Eager 300 Report

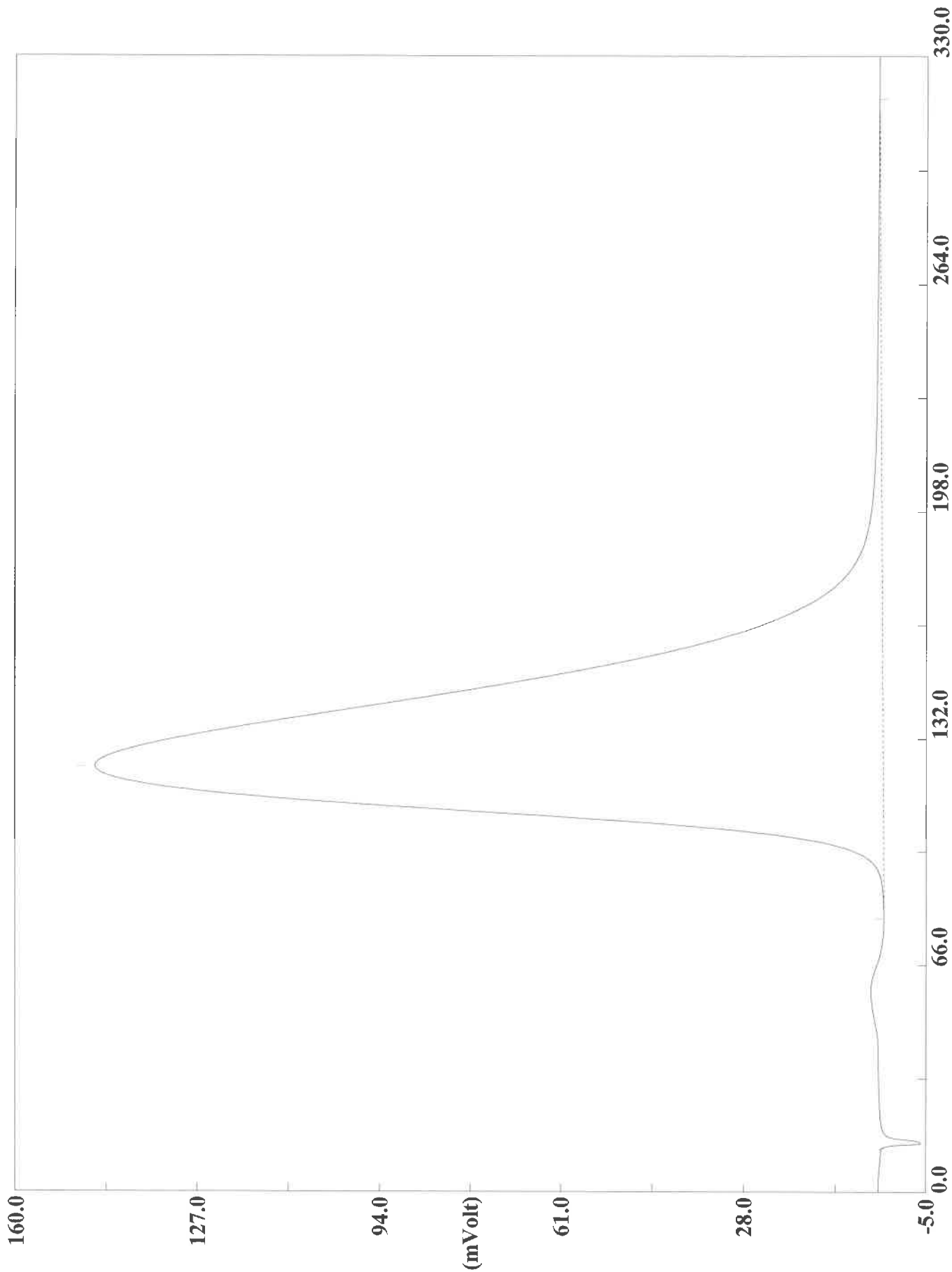
Page: 1 Sample: CCV (A100120083)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120083
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 21:56 Printed : 10/2/2020 07:26
Sample ID : CCV (# 94)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0253	222	5329713	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120084.DAT
Sample name :CCB Analysed :10/01/2020 22:01

Eager 300 Report

Page: 1 Sample: CCB (A100120084)

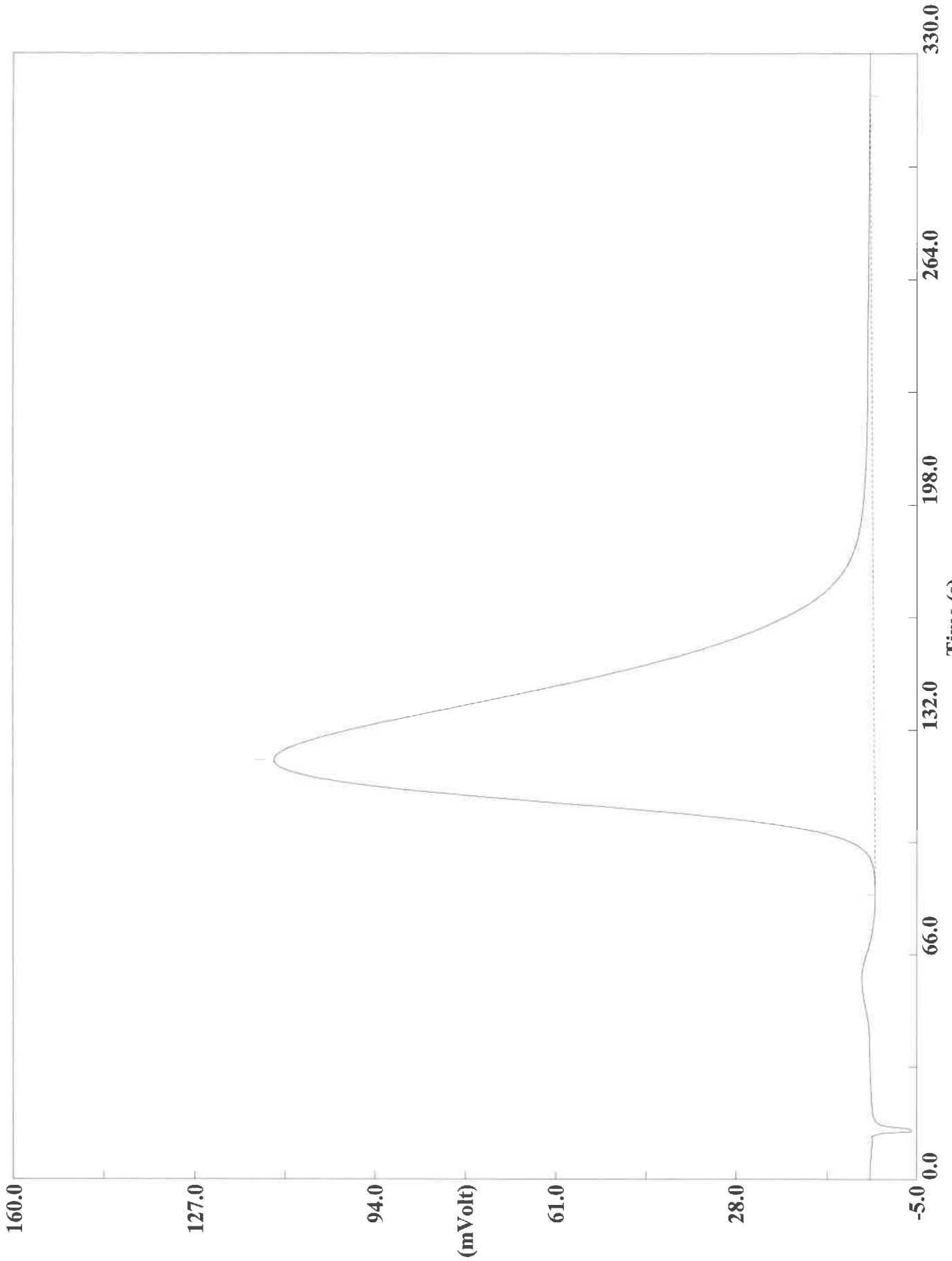
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120084
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:01 Printed : 10/2/2020 07:26
Sample ID : CCB (# 95)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120085.DAT
Sample name : MB Analysed : 10/01/2020 22:07

Eager 300 Report

Page: 1 Sample: MB (A100120085)

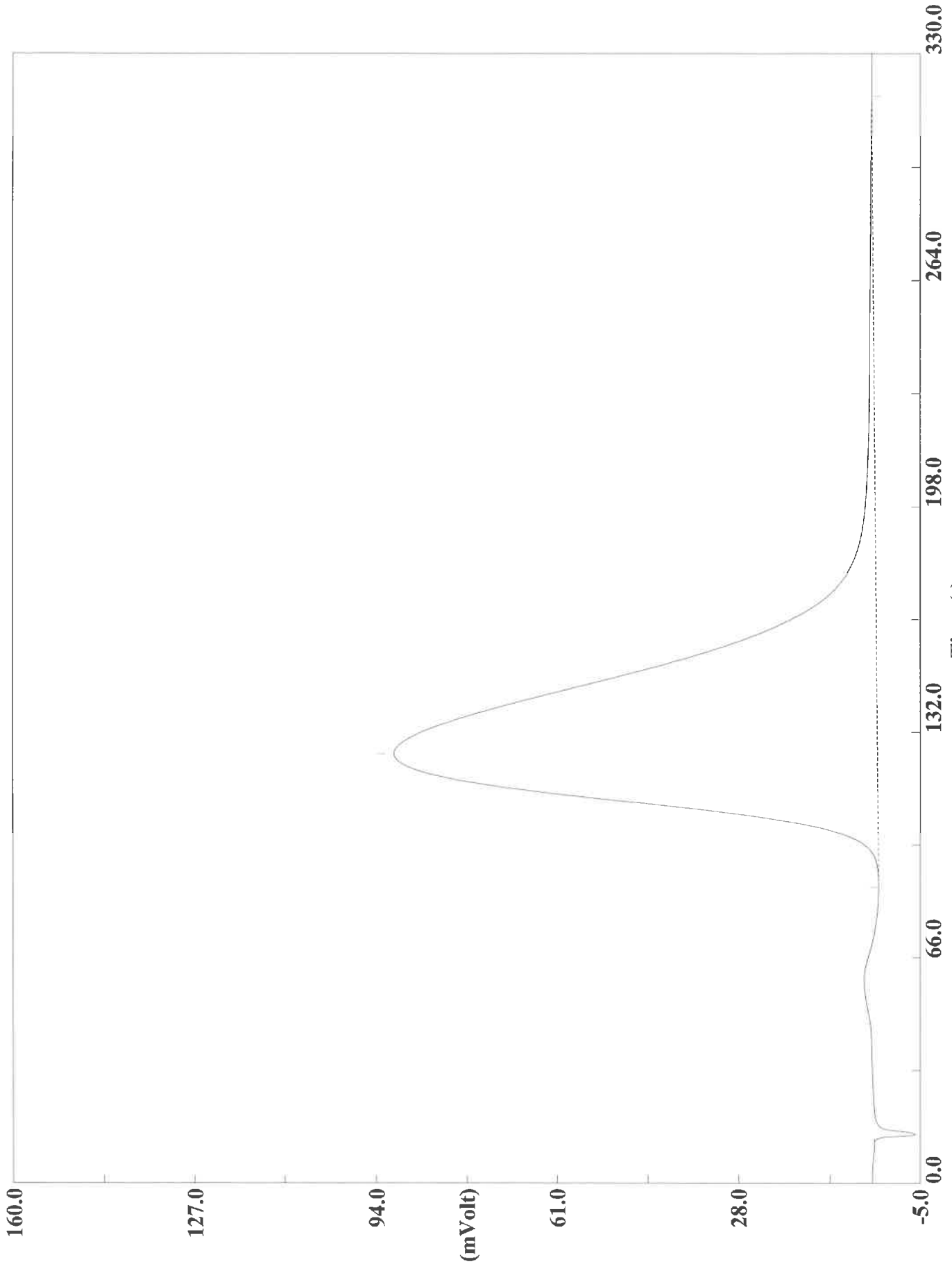
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120085
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:07 Printed : 10/2/2020 07:26
Sample ID : MB (# 96)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120086.DAT
Sample name :MB Analysed :10/01/2020 22:13

Eager 300 Report

Page: 1 Sample: MB (A100120086)

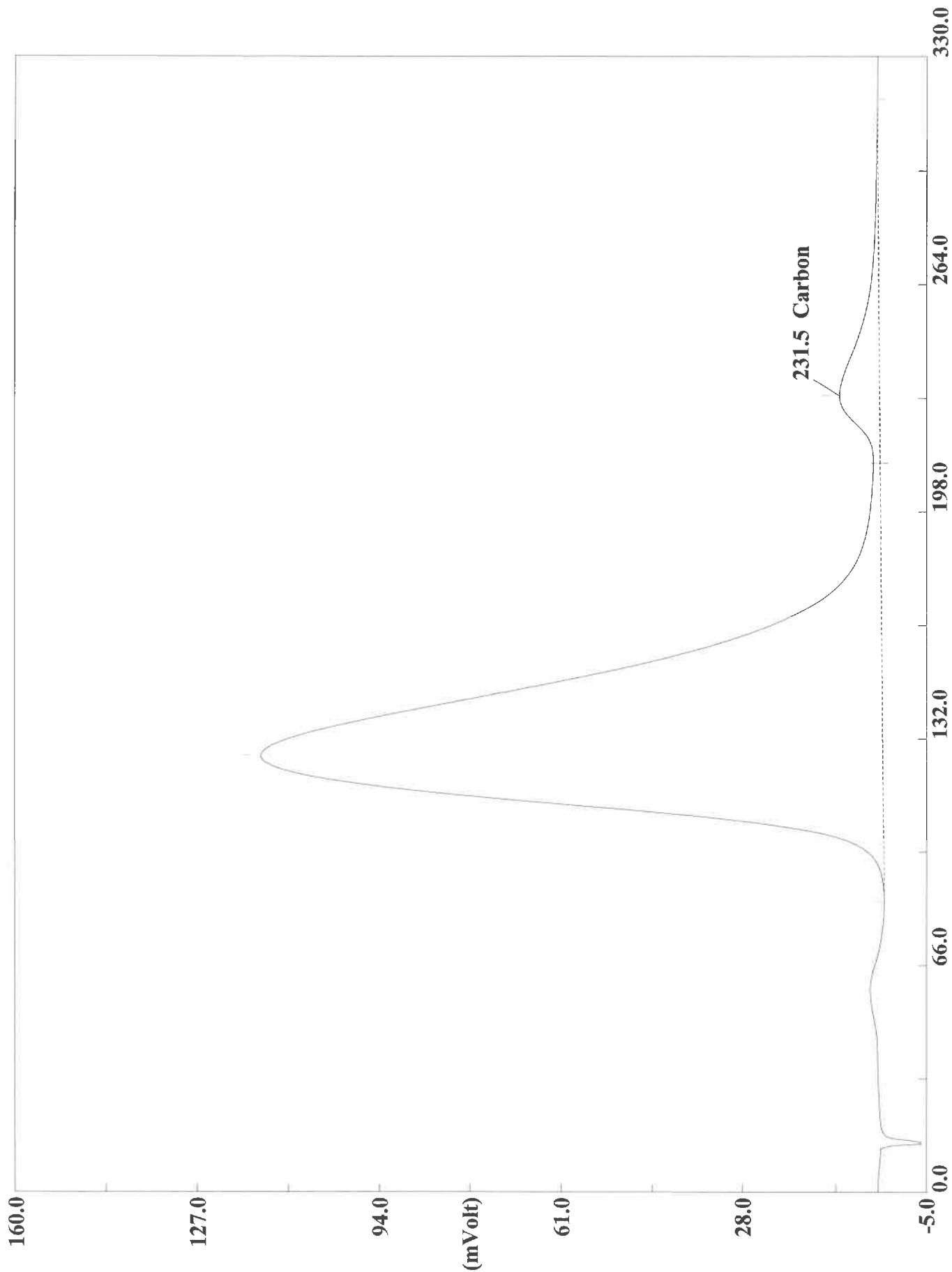
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120086
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:13 Printed : 10/2/2020 07:26
Sample ID : MB (# 97)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120087.DAT
Sample name :LCS Analysed :10/01/2020 22:18

Eager 300 Report

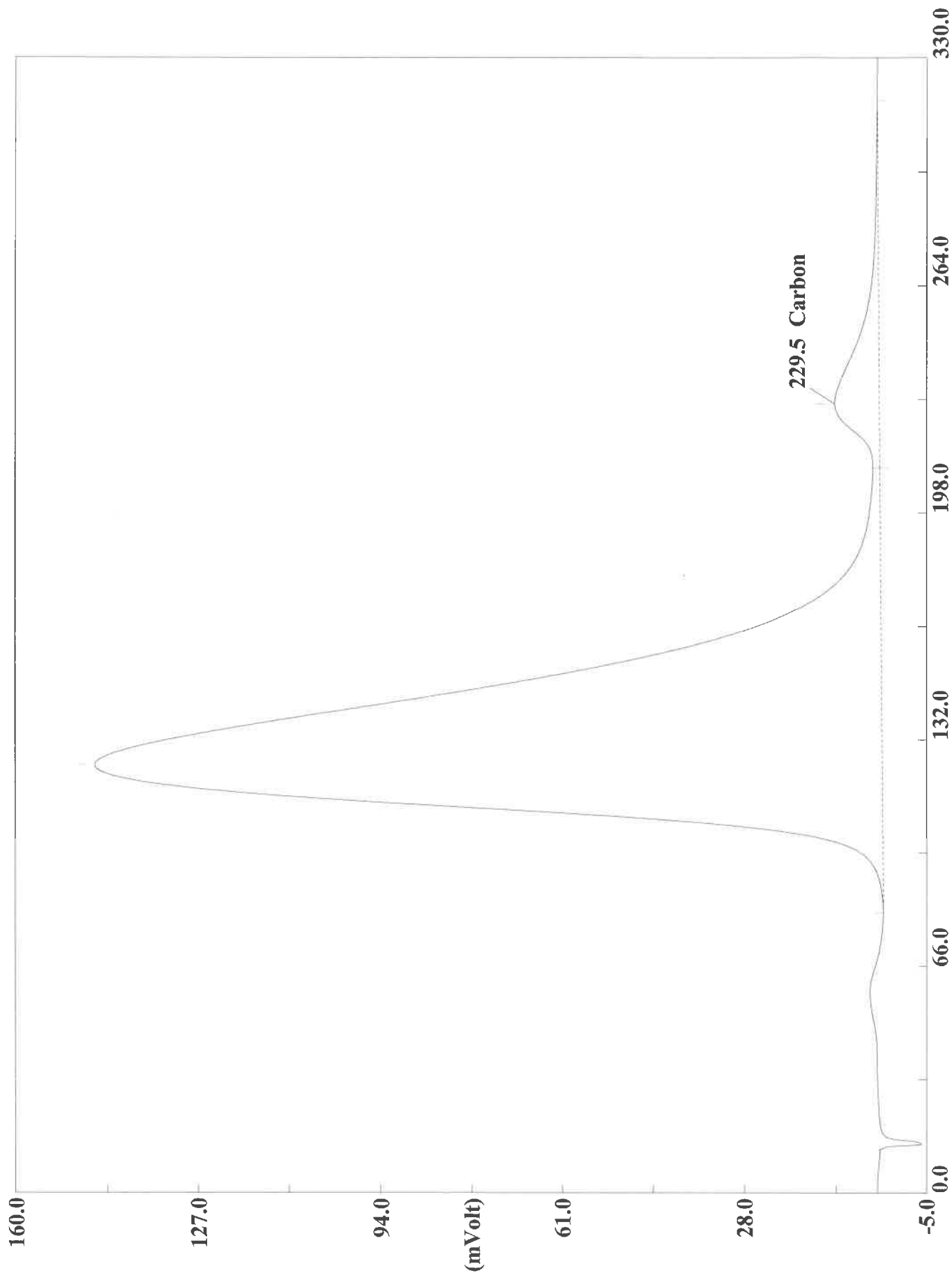
Page: 1 Sample: LCS (A100120087)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120087
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:18 Printed : 10/2/2020 07:26
Sample ID : LCS (# 98)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.3680	232	2279806	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120088.DAT
Sample name : LCS Analysed : 10/01/2020 22:24

Eager 300 Report

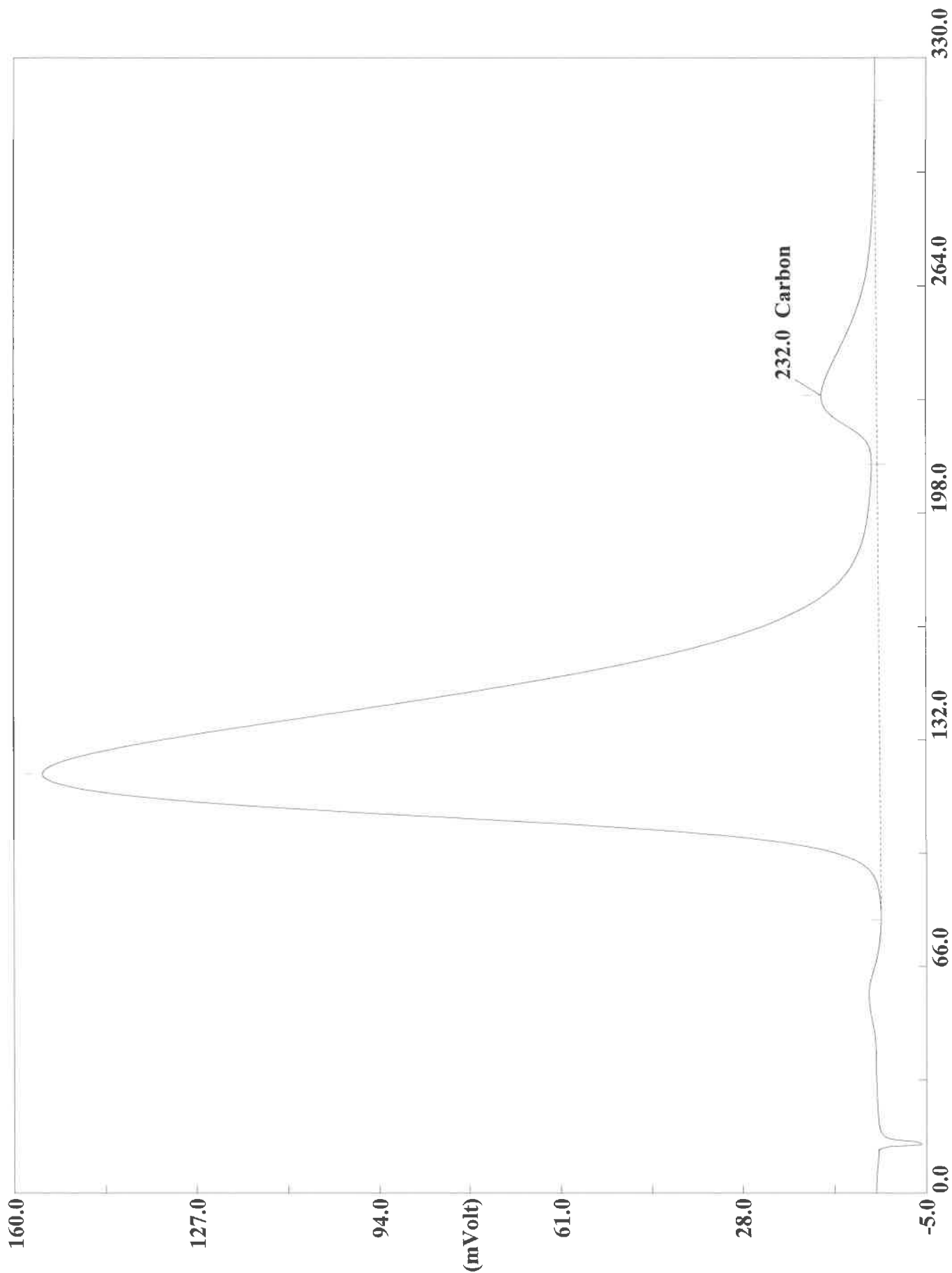
Page: 1 Sample: LCS (A100120088)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120088
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:24 Printed : 10/2/2020 07:26
Sample ID : LCS (# 99)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5499	230	2494504	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120089.DAT

Sample name : 180-111287-A-68 Analysed : 10/01/2020 22:29

Eager 300 Report

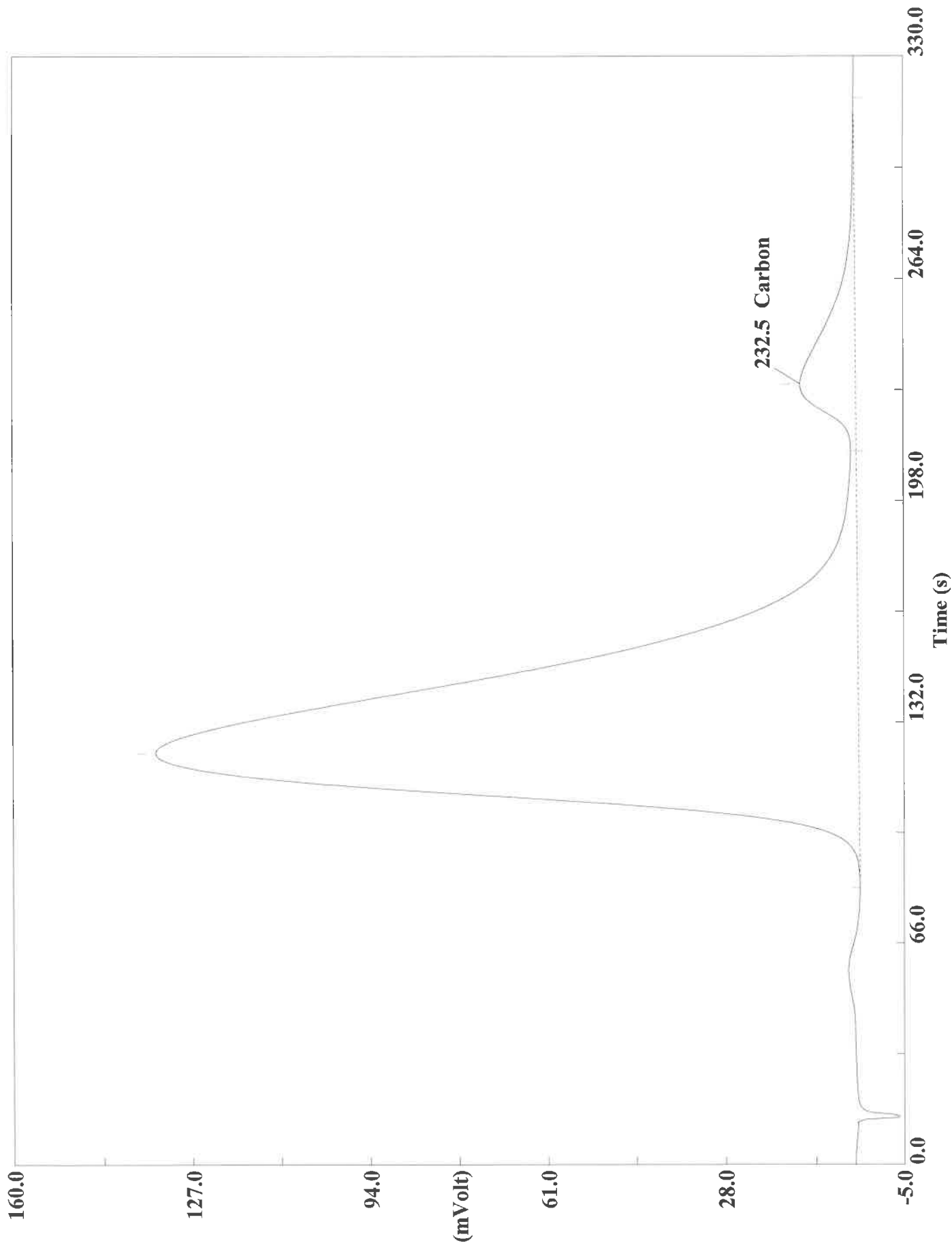
Page: 1 Sample: 180-111287-A-68 (A100120089)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120089
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:29 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 (# 100)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6495	232	3254974	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120090.DAT

Sample name : 180-111287-A-68 Analysed : 10/01/2020 22:35

Eager 300 Report

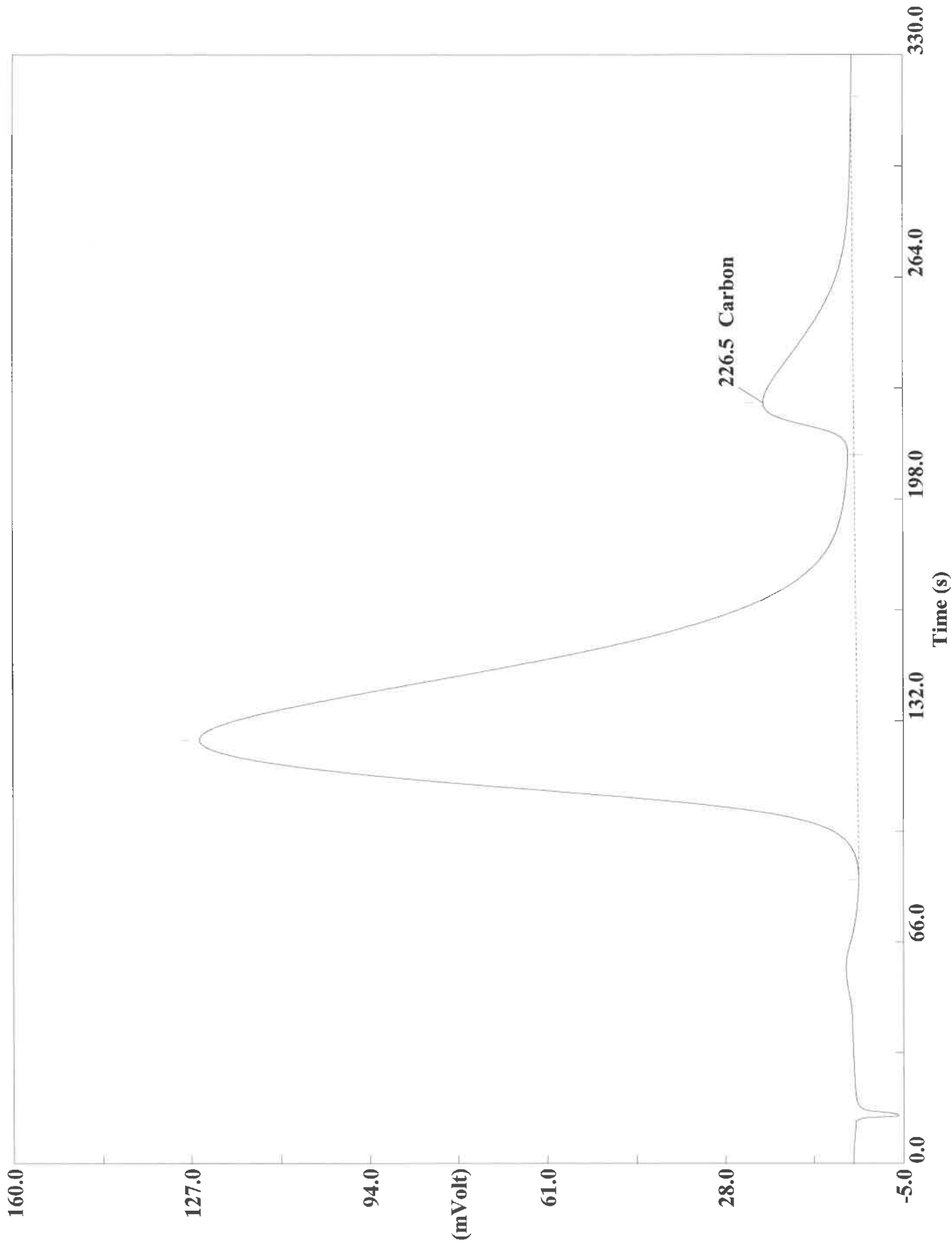
Page: 1 Sample: 180-111287-A-68 (A100120090)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120090
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:35 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 (# 101)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0510	233	3241943	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120092.DAT
Sample name : 180-111287-A-68 MS Analysed : 10/01/2020 22:46

Eager 300 Report

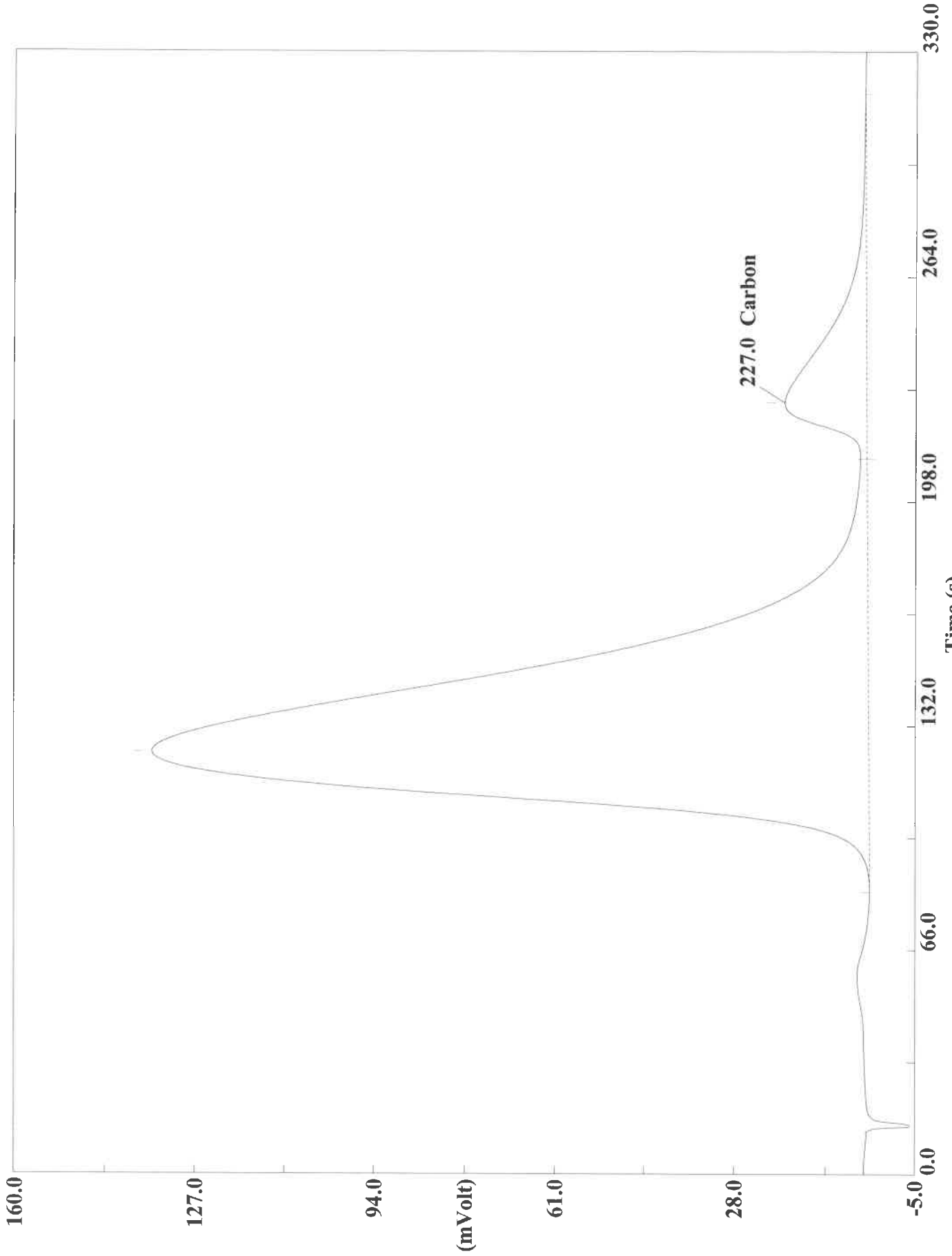
Page: 1 Sample: 180-111287-A-68 MS (A100120092)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120092
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:46 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 MS (# 103)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.8215	227	5287993	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120093.DAT
Sample name : 180-111287-A-68 MS Analysed : 10/01/2020 22:52

Eager 300 Report

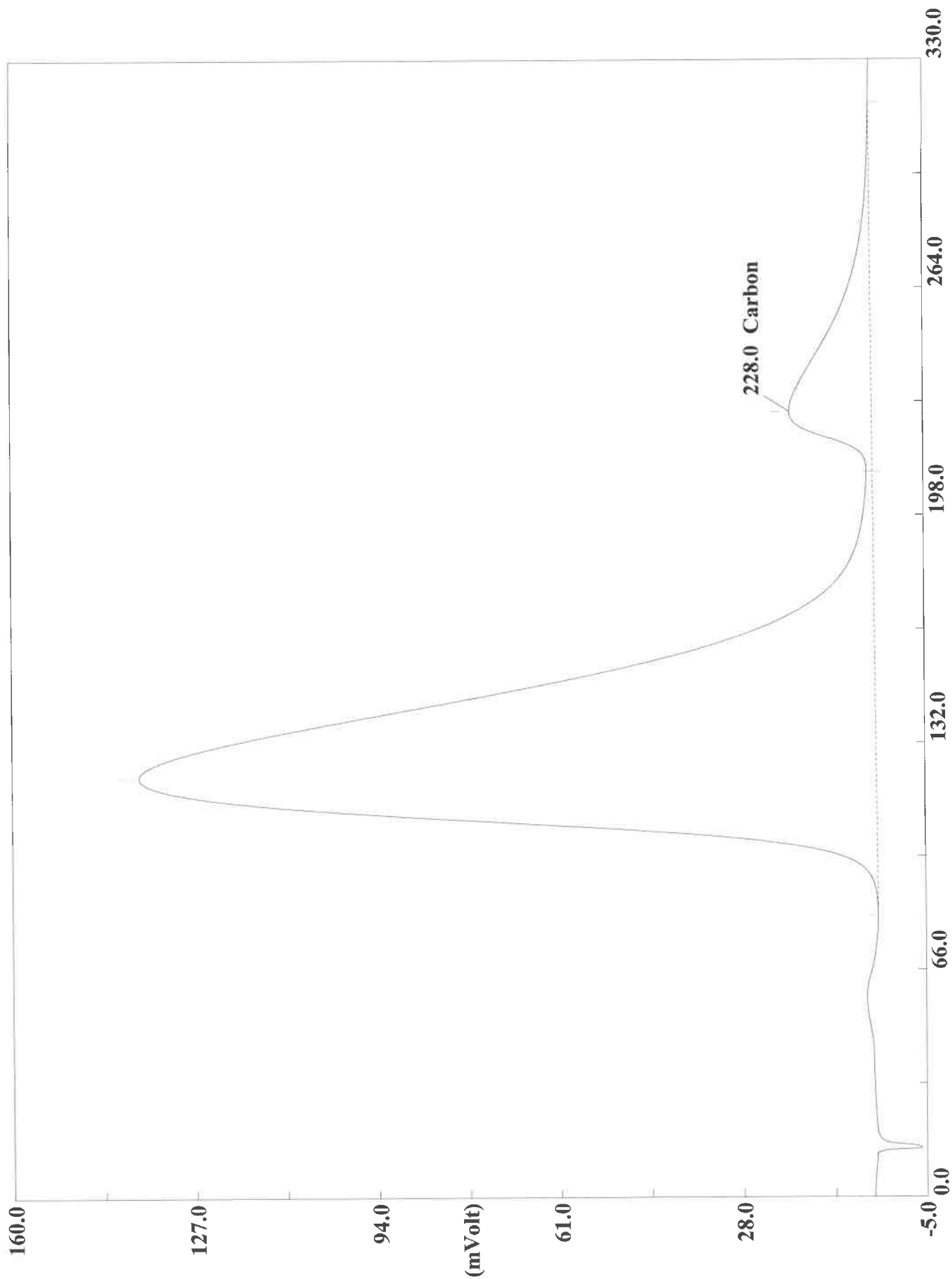
Page: 1 Sample: 180-111287-A-68 MS (A100120093)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120093
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 22:52 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 MS (# 104)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2751	227	4485180	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120095.DAT

Sample name : 180-111287-A-68 MSD Analysed : 10/01/2020 23:03

Eager 300 Report

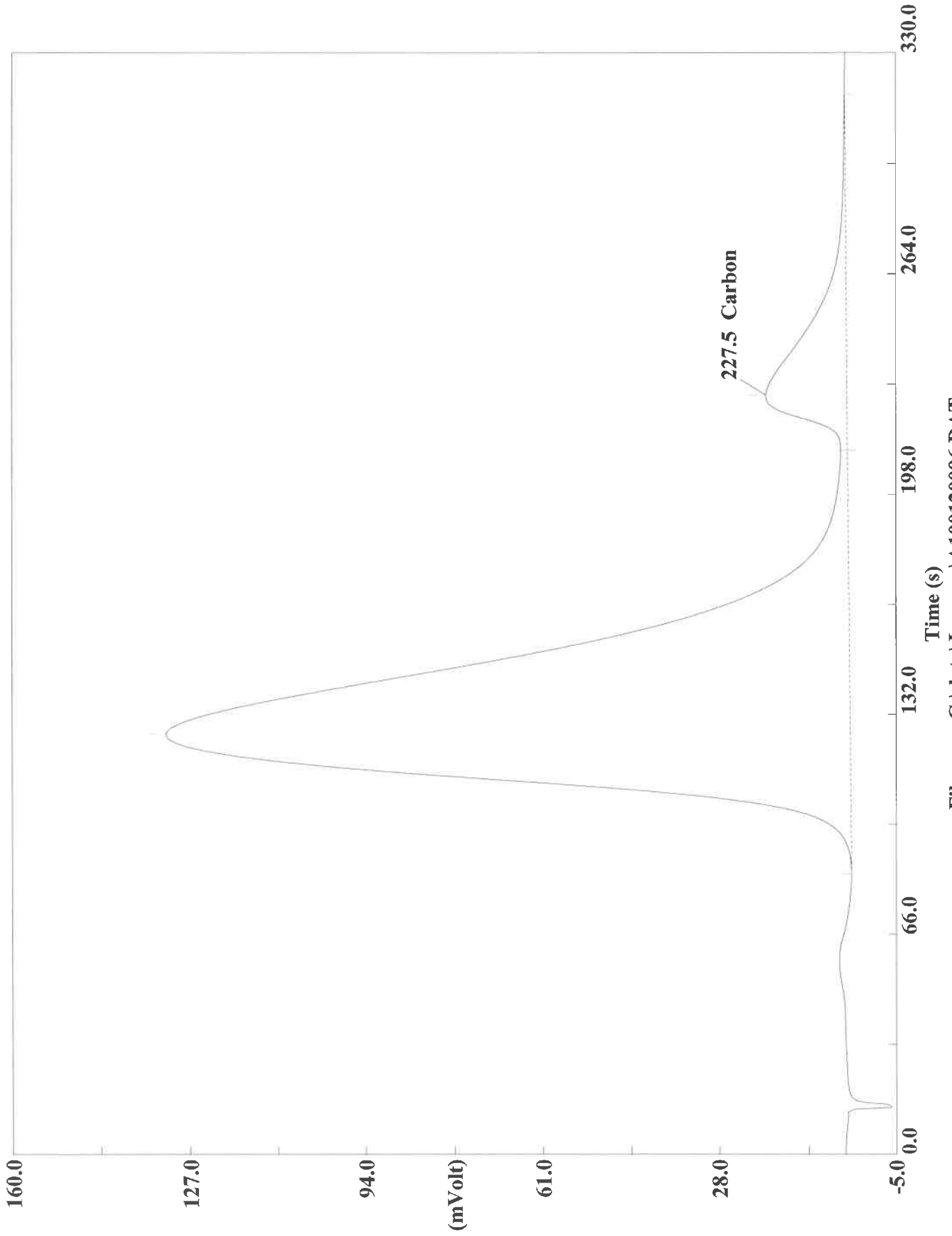
Page: 1 Sample: 180-111287-A-68 MSD (A100120095)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120095
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:03 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 MSD (# 106)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.1831	228	5261762	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120096.DAT

Sample name :180-111287-A-68 MSD Analysed :10/01/2020 23:08

Eager 300 Report

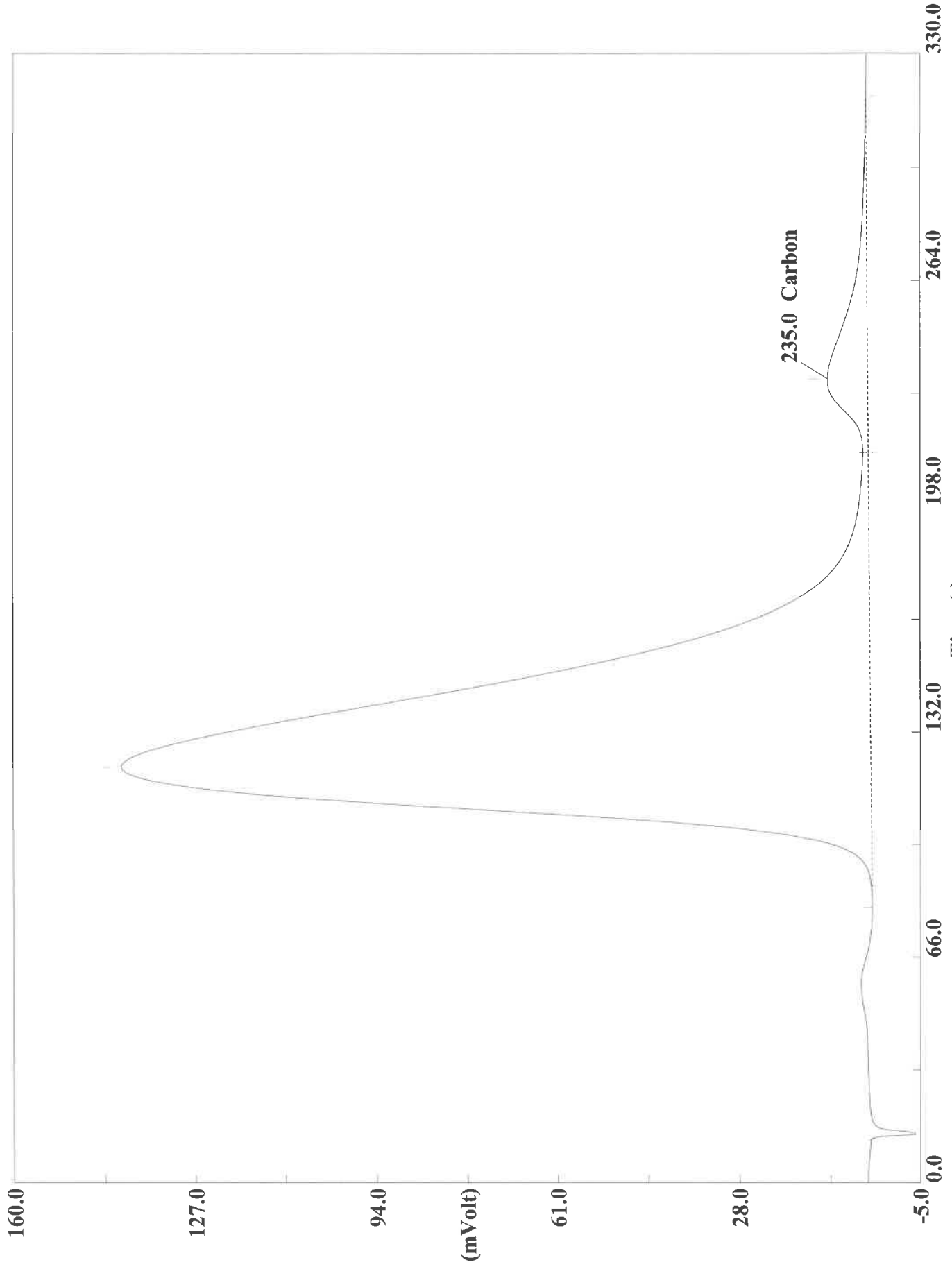
Page: 1 Sample: 180-111287-A-68 MSD (A100120096)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120096
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:08 Printed : 10/2/2020 07:27
Sample ID : 180-111287-A-68 MSD (# 107)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5769	228	4540634	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120098.DAT
Sample name : 180-111287-A-75 Analysed : 10/01/2020 23:20

Eager 300 Report

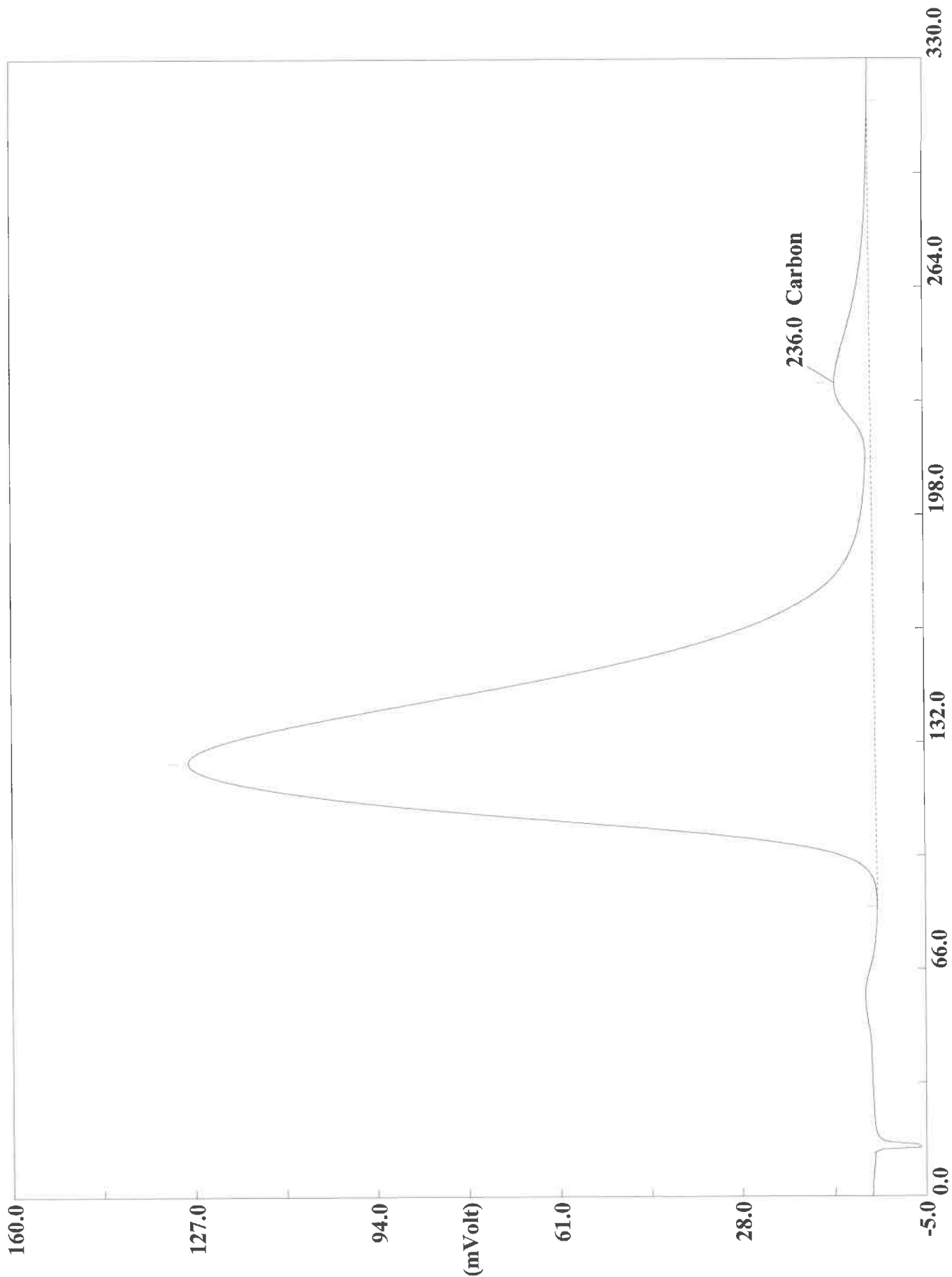
Page: 1 Sample: 180-111287-A-75 (A100120098)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120098
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:20 Printed : 10/2/2020 07:28
Sample ID : 180-111287-A-75 (# 109)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1435	235	2528109	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120099.DAT

Sample name : 180-111287-A-75 Analysed : 10/01/2020 23:25

Eager 300 Report

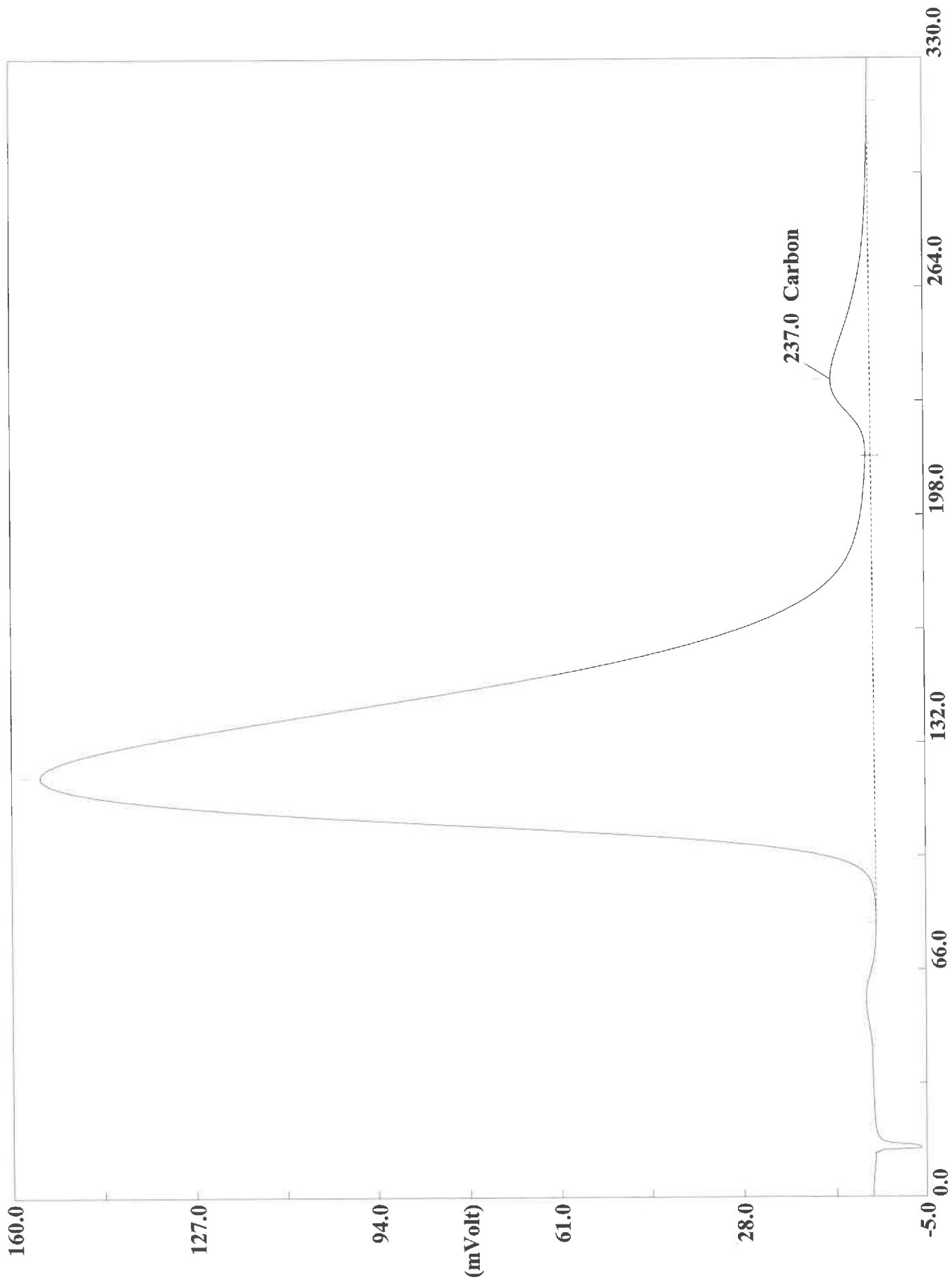
Page: 1 Sample: 180-111287-A-75 (A100120099)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120099
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:25 Printed : 10/2/2020 07:28
Sample ID : 180-111287-A-75 (# 110)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1035	236	2425519	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120101.DAT
Sample name :180-111287-A-76 Analysed :10/01/2020 23:36

Eager 300 Report

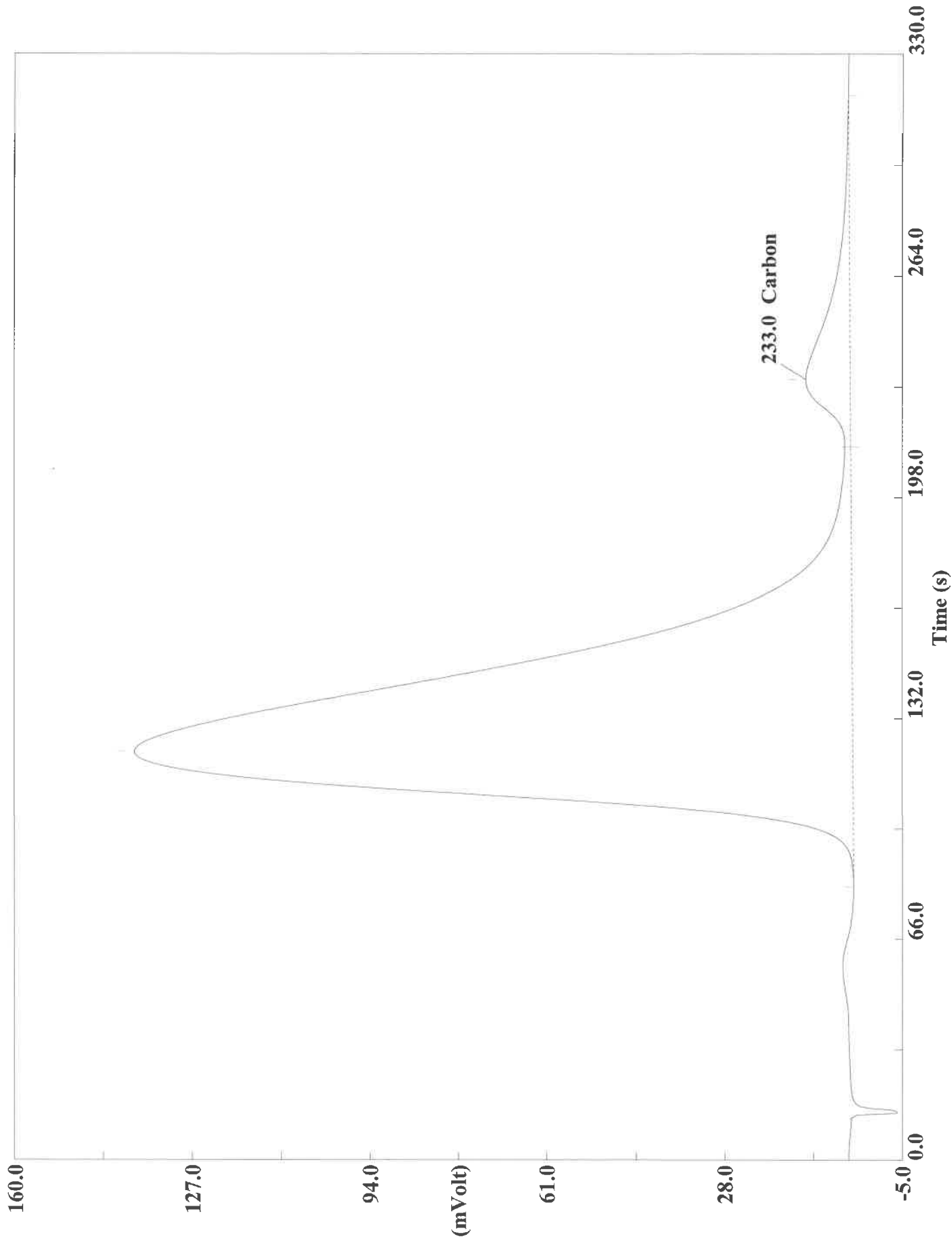
Page: 1 Sample: 180-111287-A-76 (A100120101)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120101
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:36 Printed : 10/2/2020 07:28
Sample ID : 180-111287-A-76 (# 112)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0609	237	2526556	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120102.DAT
Sample name :180-111287-A-76 Analysed :10/01/2020 23:42

Eager 300 Report

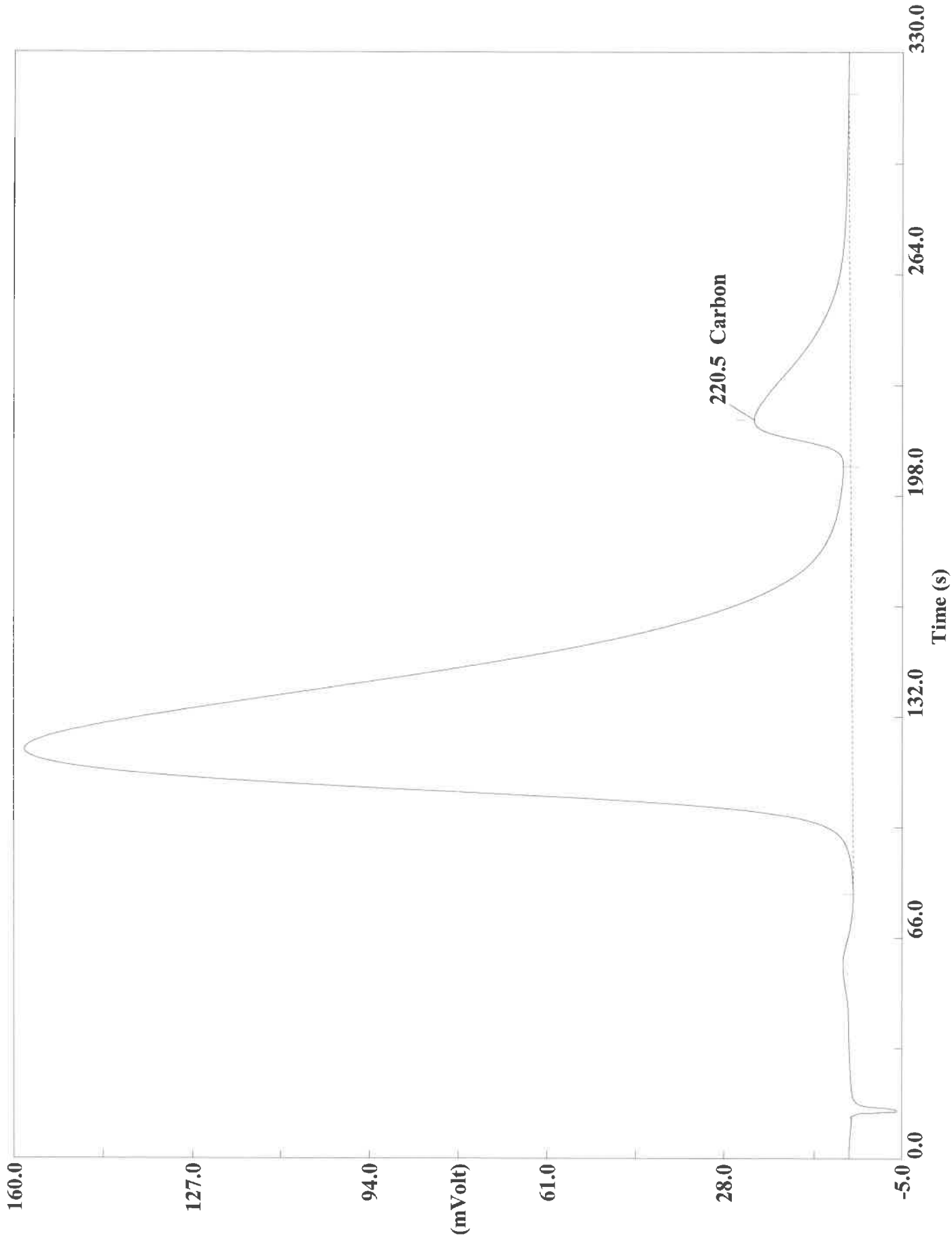
Page: 1 Sample: 180-111287-A-76 (A100120102)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120102
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:42 Printed : 10/2/2020 07:28
Sample ID : 180-111287-A-76 (# 113)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4705	233	2865762	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120104.DAT
Sample name :CCV Analysed :10/01/2020 23:53

Eager 300 Report

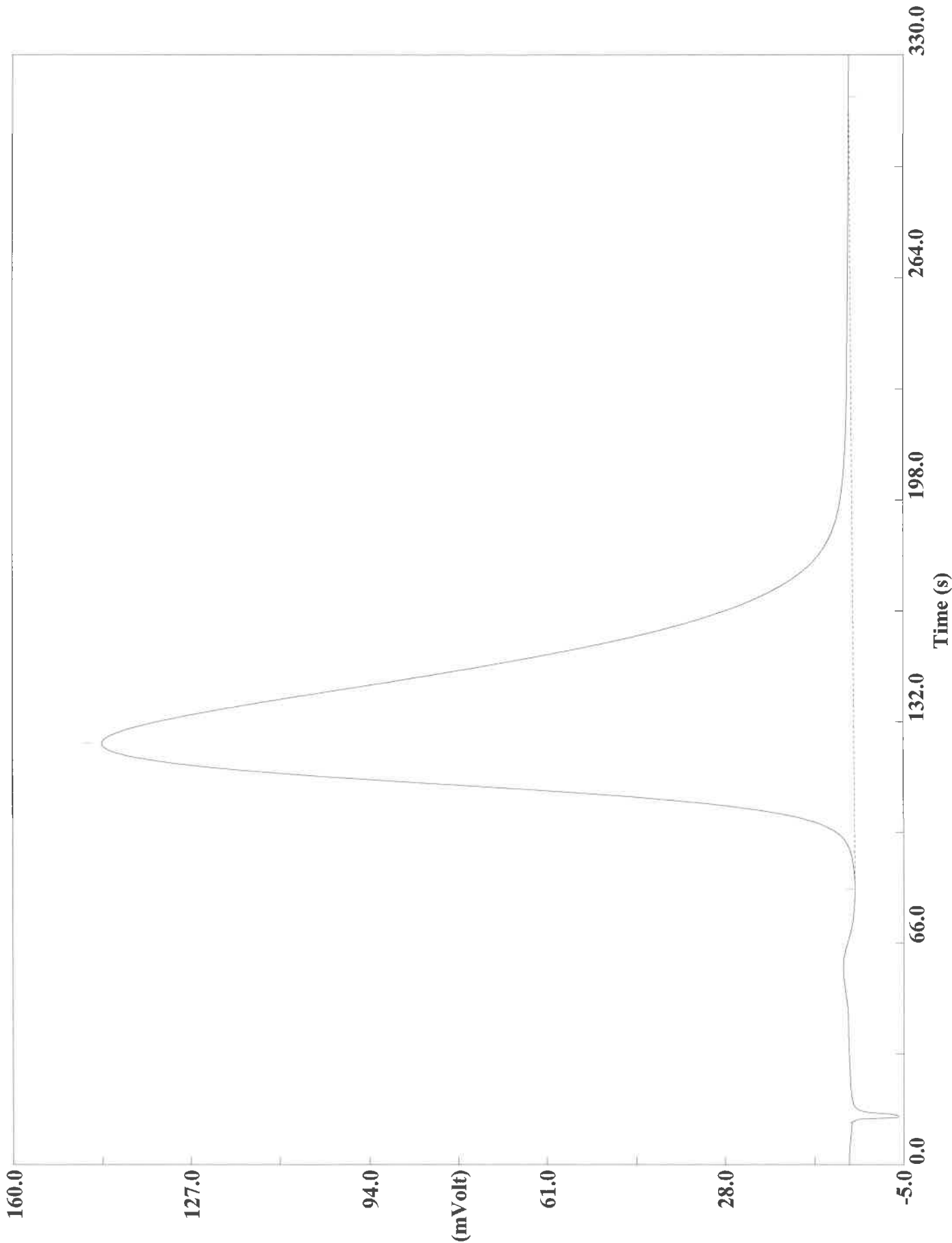
Page: 1 Sample: CCV (A100120104)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120104
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:53 Printed : 10/2/2020 07:29
Sample ID : CCV (# 115)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0141	221	5271253	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120105.DAT
Sample name :CCB Analysed :10/01/2020 23:59

Eager 300 Report

Page: 1 Sample: CCB (A100120105)

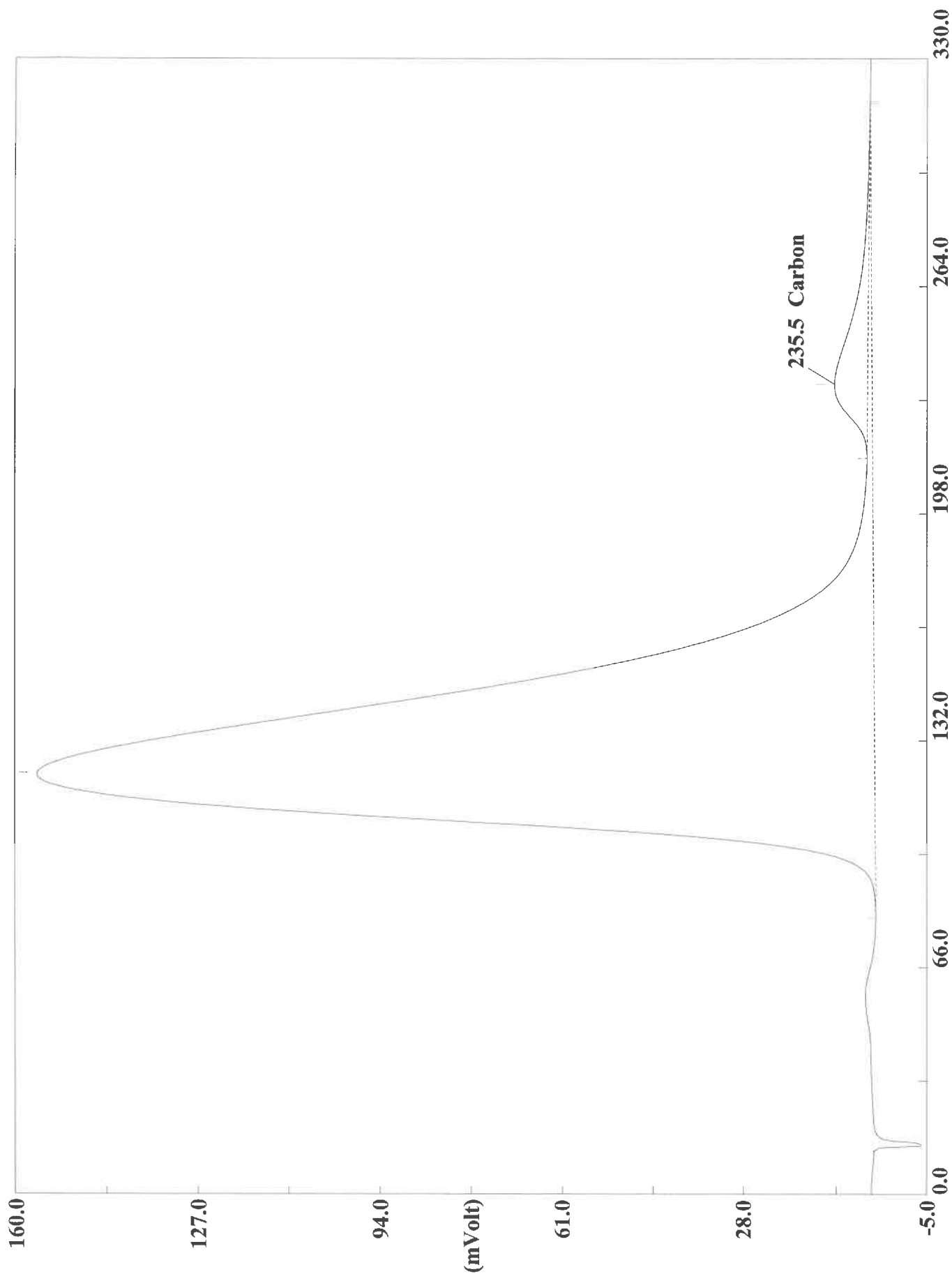
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120105
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/01/2020 23:59 Printed : 10/2/2020 07:29
Sample ID : CCB (# 116)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

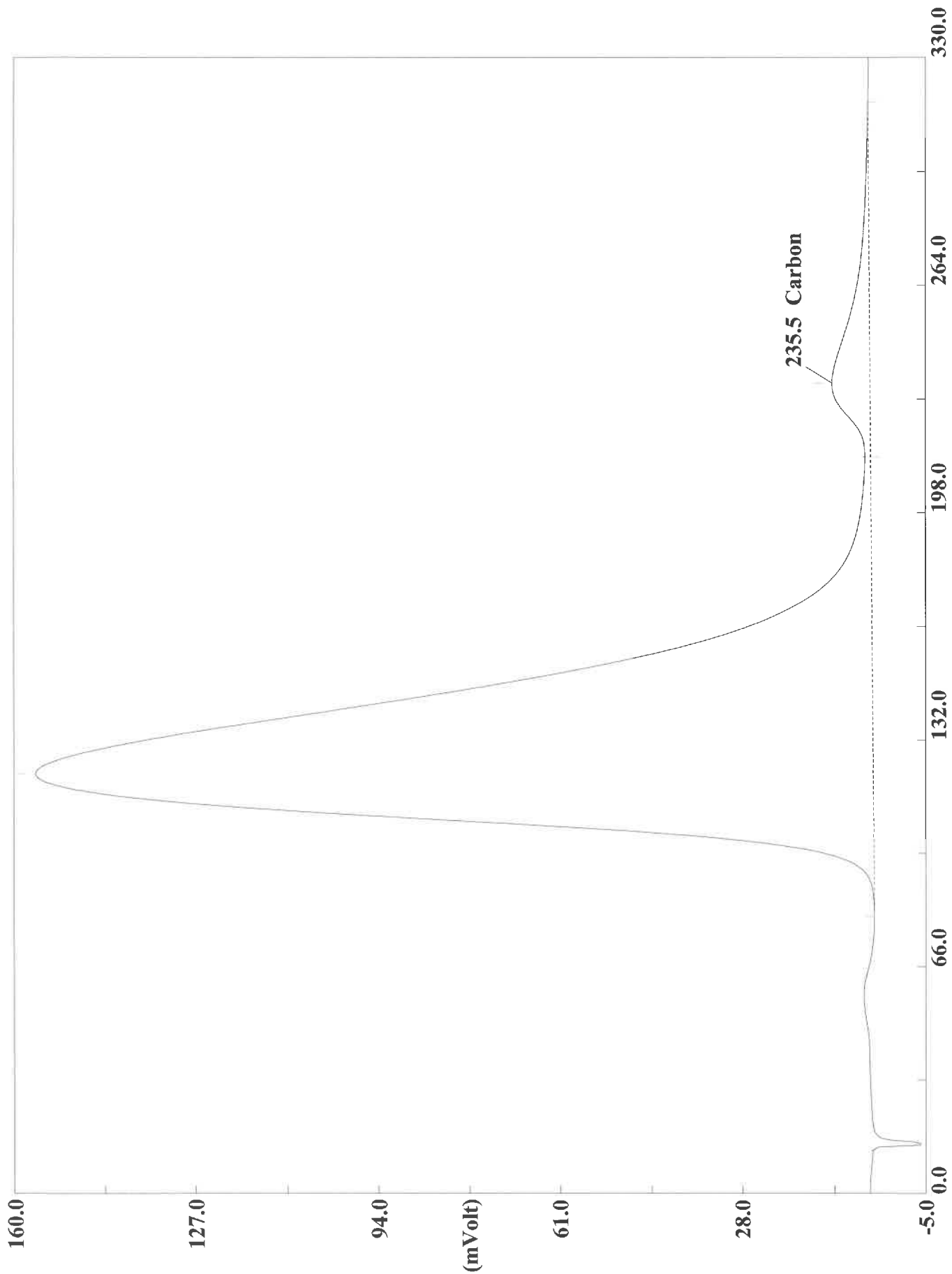
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120106.DAT
Sample name :180-111287-A-77 Analysed :10/02/2020 00:04

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)
Filename C:\data\January\A100120106.DAT
Sample name : 180-111287-A-77 Analysed : 10/02/2020 00:04

Eager 300 Report

Page: 1 Sample: 180-111287-A-77 (A100120106)

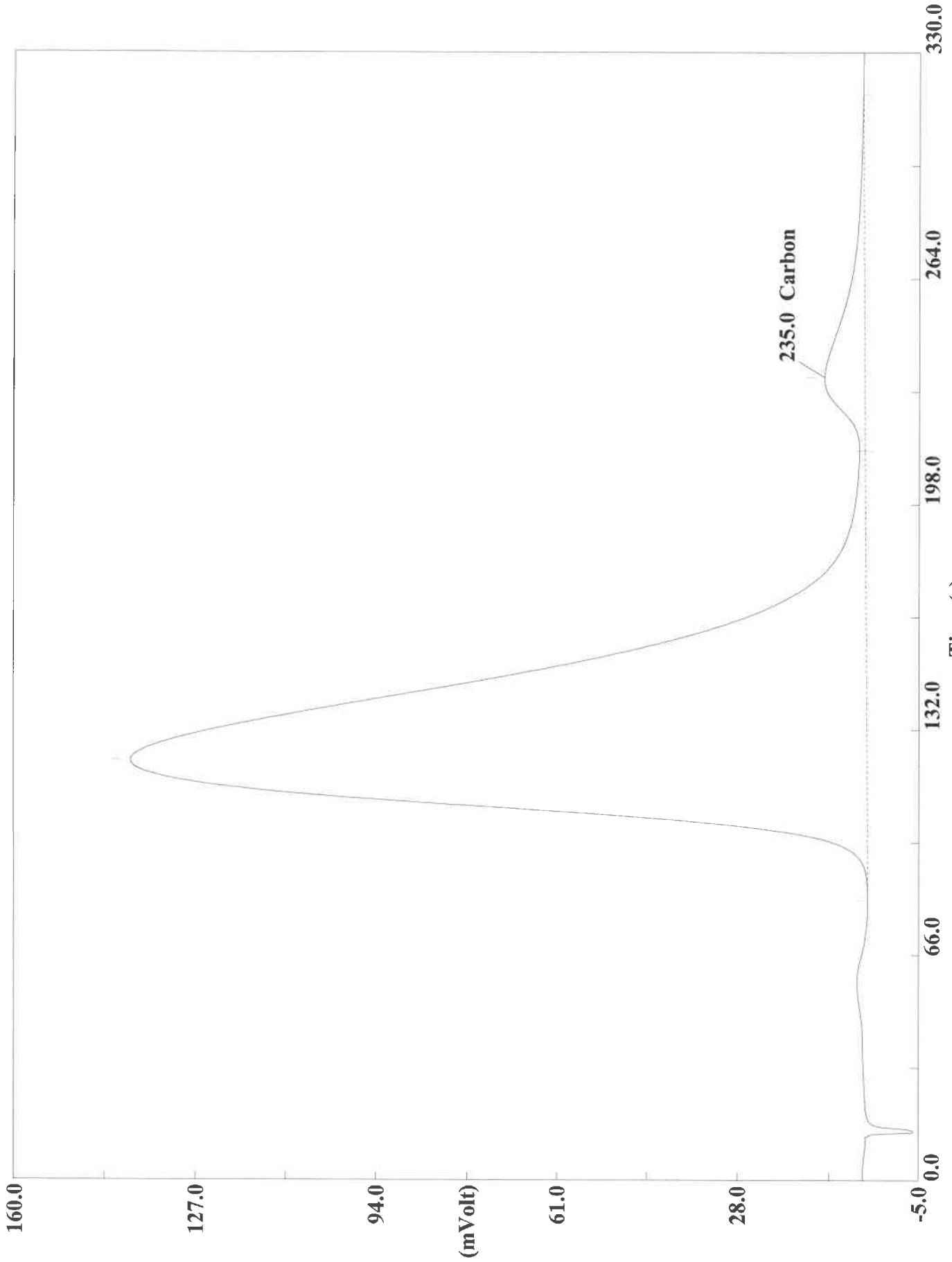
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120106
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:04 Printed : 10/2/2020 07:29
Sample ID : 180-111287-A-77 (# 117)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.7

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9881	236	2436561	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120107.DAT

Sample name :180-111287-A-77 Analysed :10/02/2020 00:10

Eager 300 Report

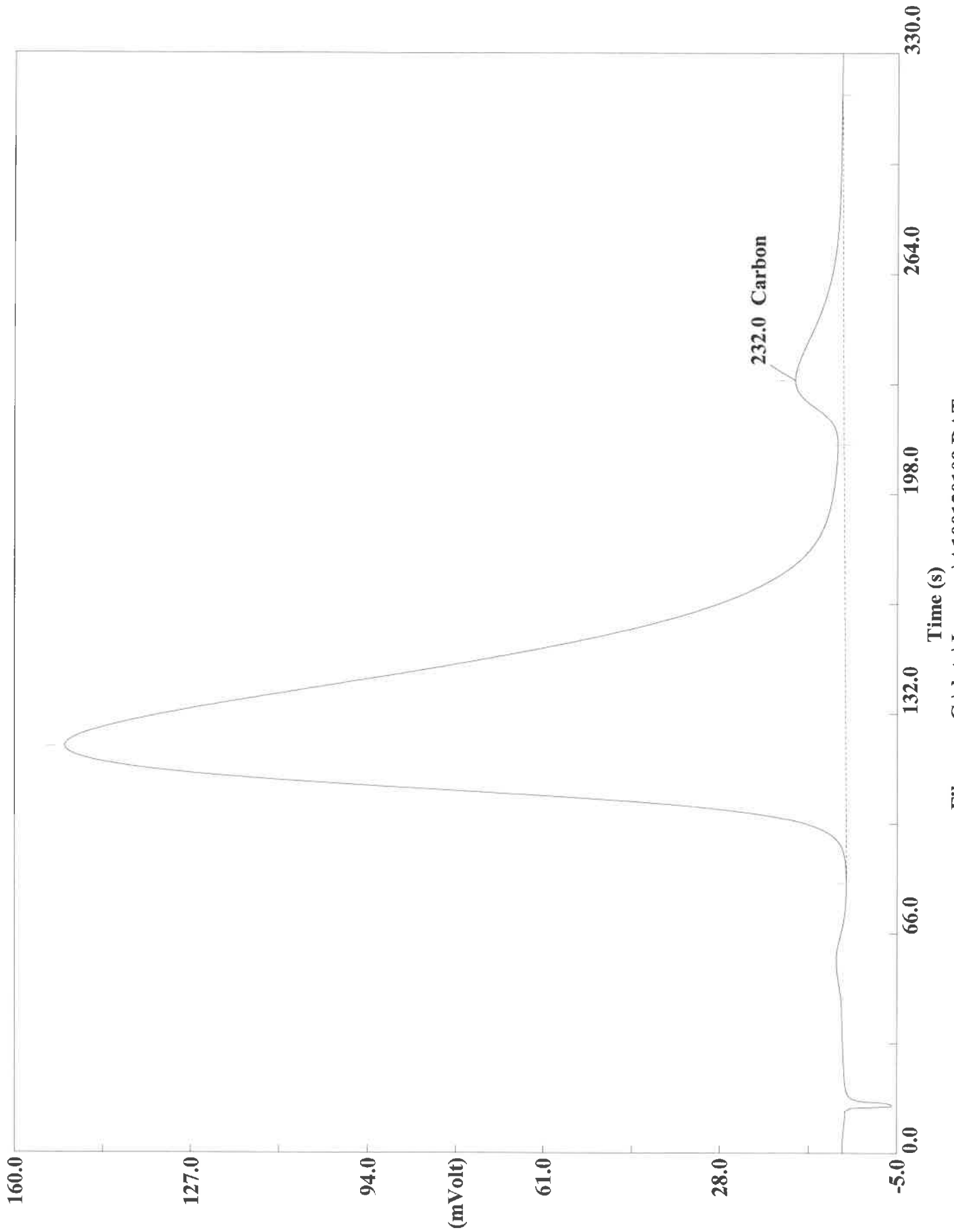
Page: 1 Sample: 180-111287-A-77 (A100120107)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120107
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:10 Printed : 10/2/2020 07:29
Sample ID : 180-111287-A-77 (# 118)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4913	235	2642878	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120109.DAT
Sample name :180-111287-A-78 Analysed :10/02/2020 00:21

Eager 300 Report

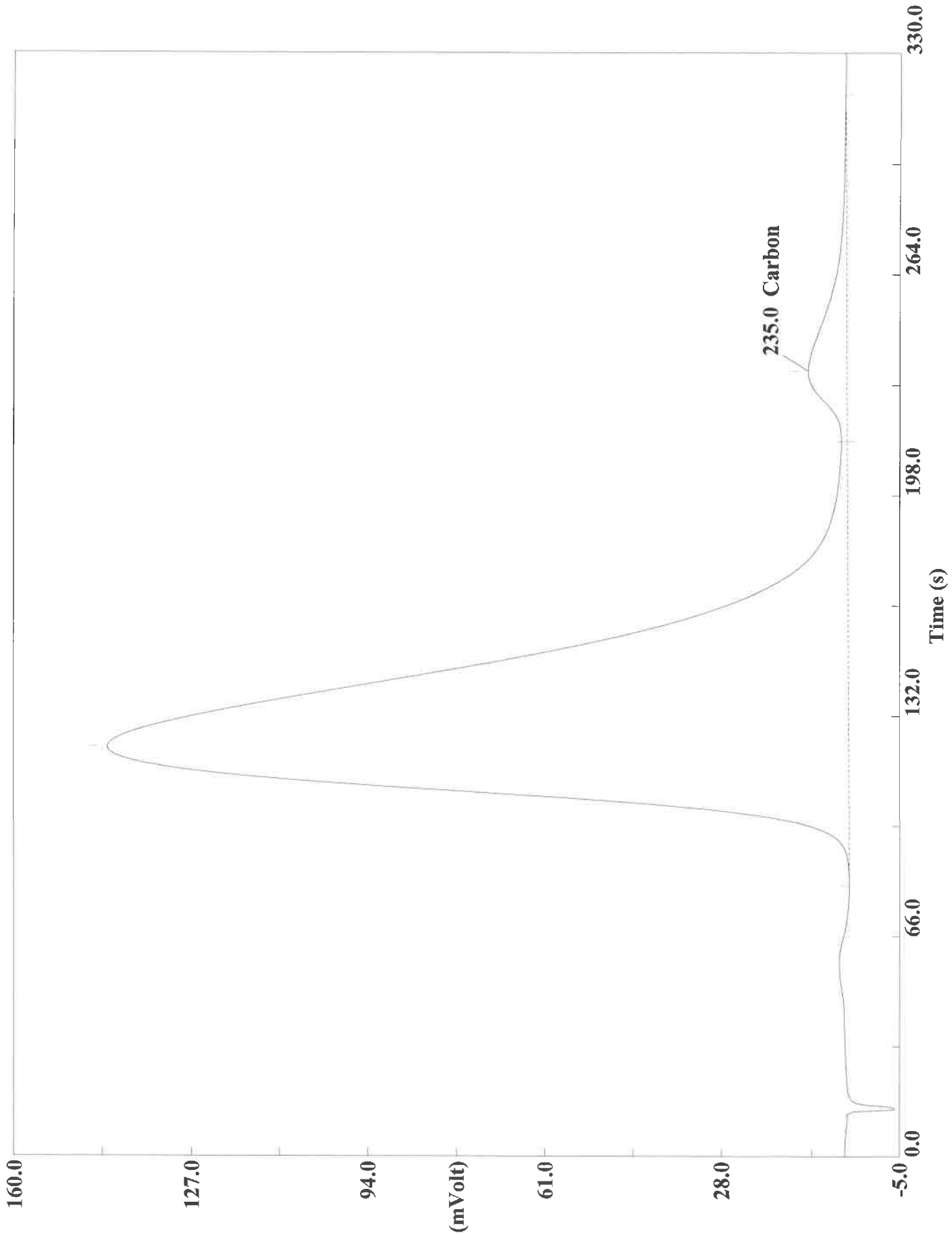
Page: 1 Sample: 180-111287-A-78 (A100120109)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120109
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:21 Printed : 10/2/2020 07:30
Sample ID : 180-111287-A-78 (# 120)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3773	232	2930541	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120110.DAT
Sample name :180-111287-A-78 Analysed :10/02/2020 00:26

Eager 300 Report

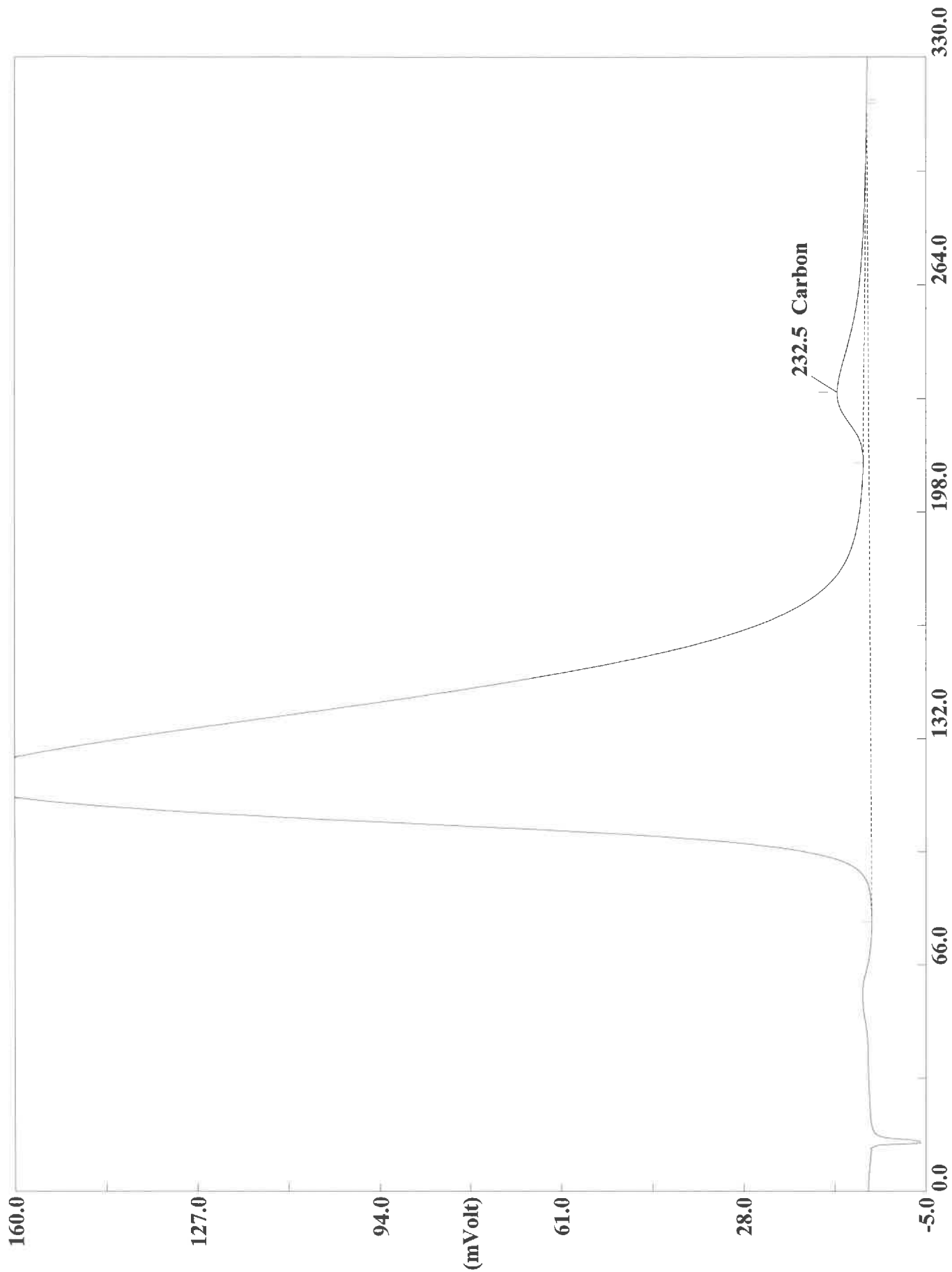
Page: 1 Sample: 180-111287-A-78 (A100120110)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120110
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:26 Printed : 10/2/2020 07:30
Sample ID : 180-111287-A-78 (# 121)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3194	235	2410490	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20

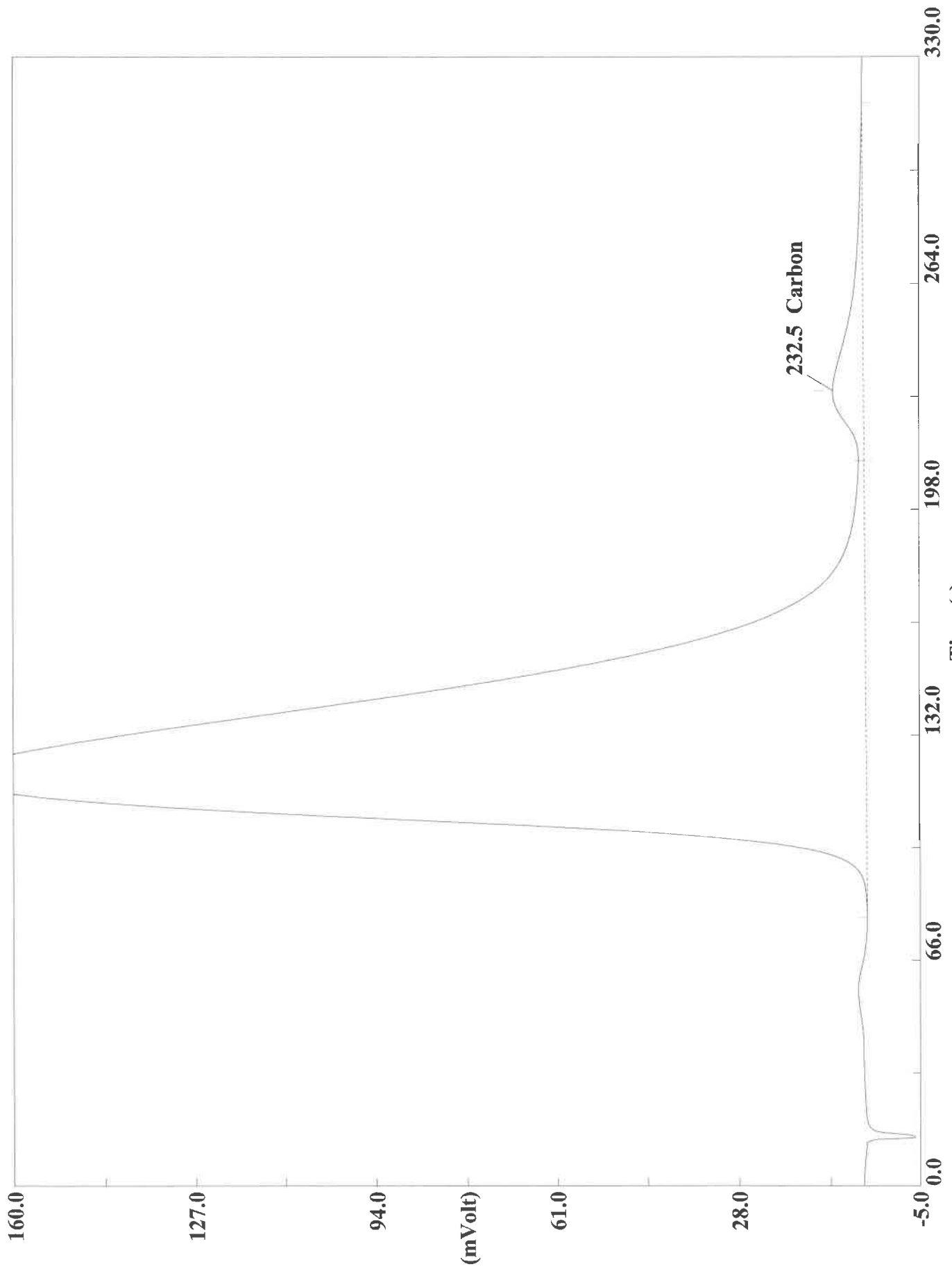


Time (s)

Filename C:\data\January\A100120112.DAT

Sample name : 180-111287-A-79 Analysed : 10/02/2020 00:38

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120112.DAT
Sample name :180-111287-A-79 Analysed :10/02/2020 00:38

Eager 300 Report

Page: 1 Sample: 180-111287-A-79 (A100120112)

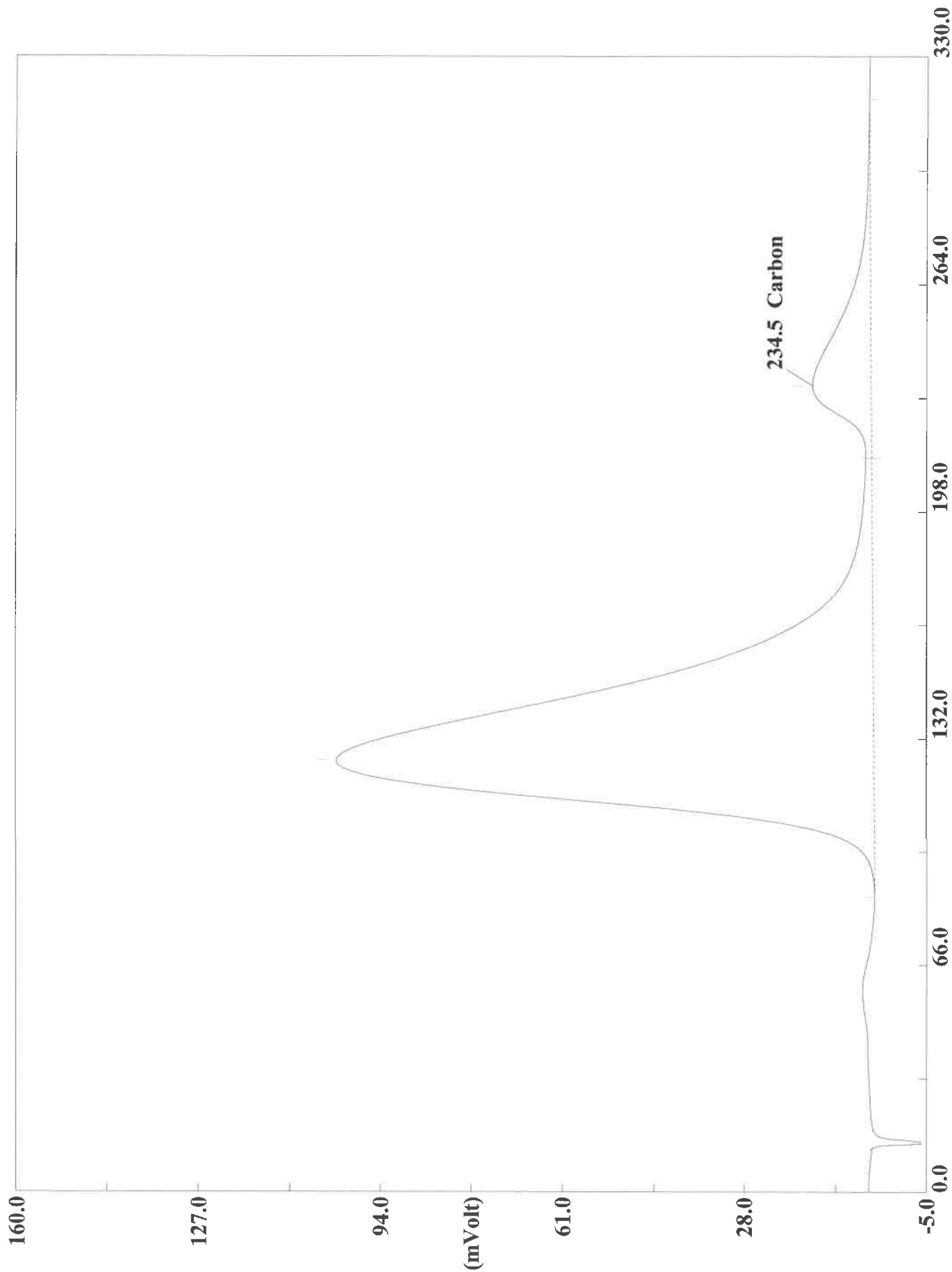
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120112
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:38 Printed : 10/2/2020 07:31
Sample ID : 180-111287-A-79 (# 123)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.4

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3847	233	2018392	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120113.DAT
Sample name : 180-111287-A-79 Analysed : 10/02/2020 00:43

Eager 300 Report

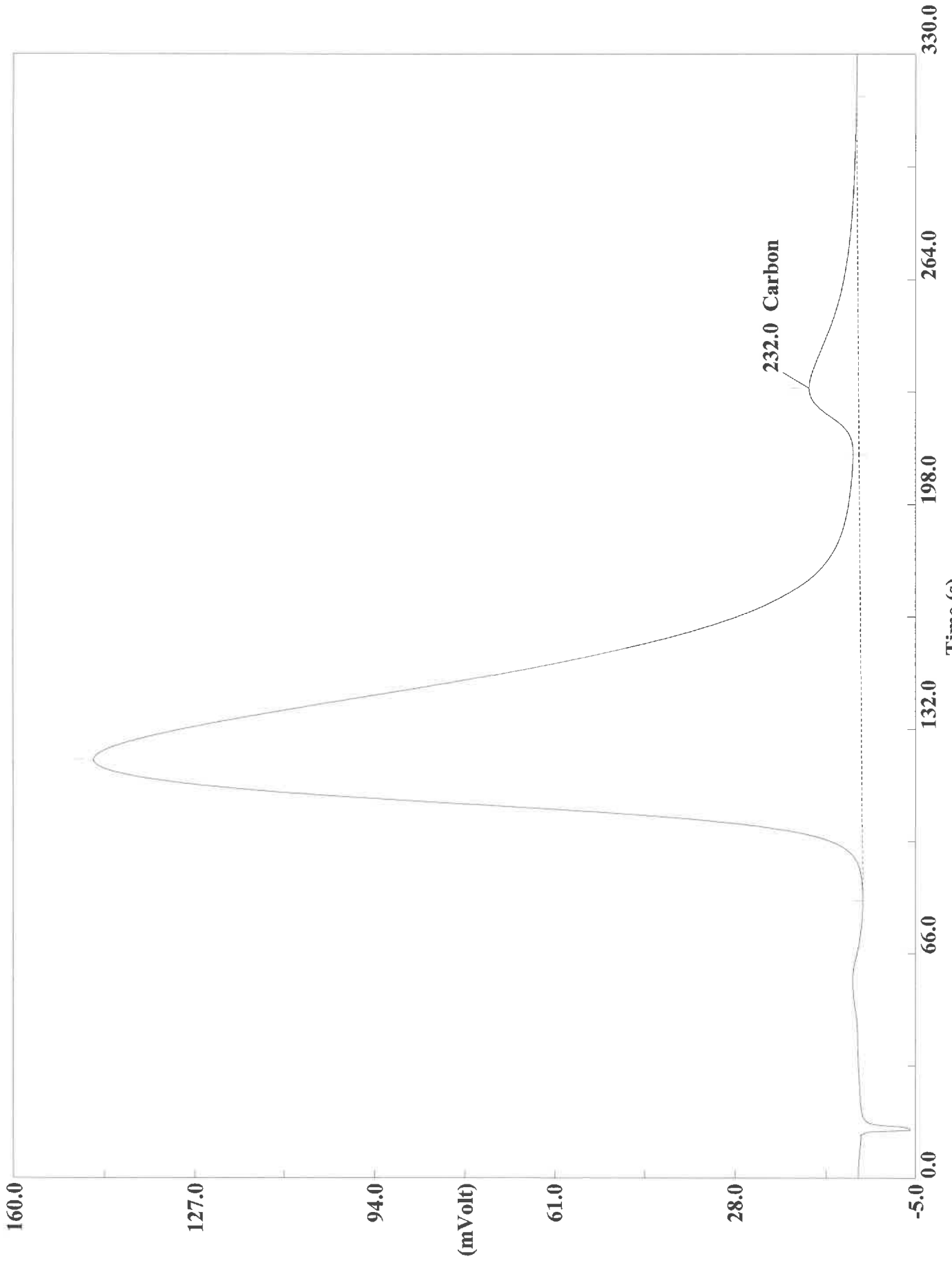
Page: 1 Sample: 180-111287-A-79 (A100120113)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120113
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:43 Printed : 10/2/2020 07:31
Sample ID : 180-111287-A-79 (# 124)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1534	235	3450372	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120115.DAT
Sample name : 180-111287-A-80 Analysed : 10/02/2020 00:54

Eager 300 Report

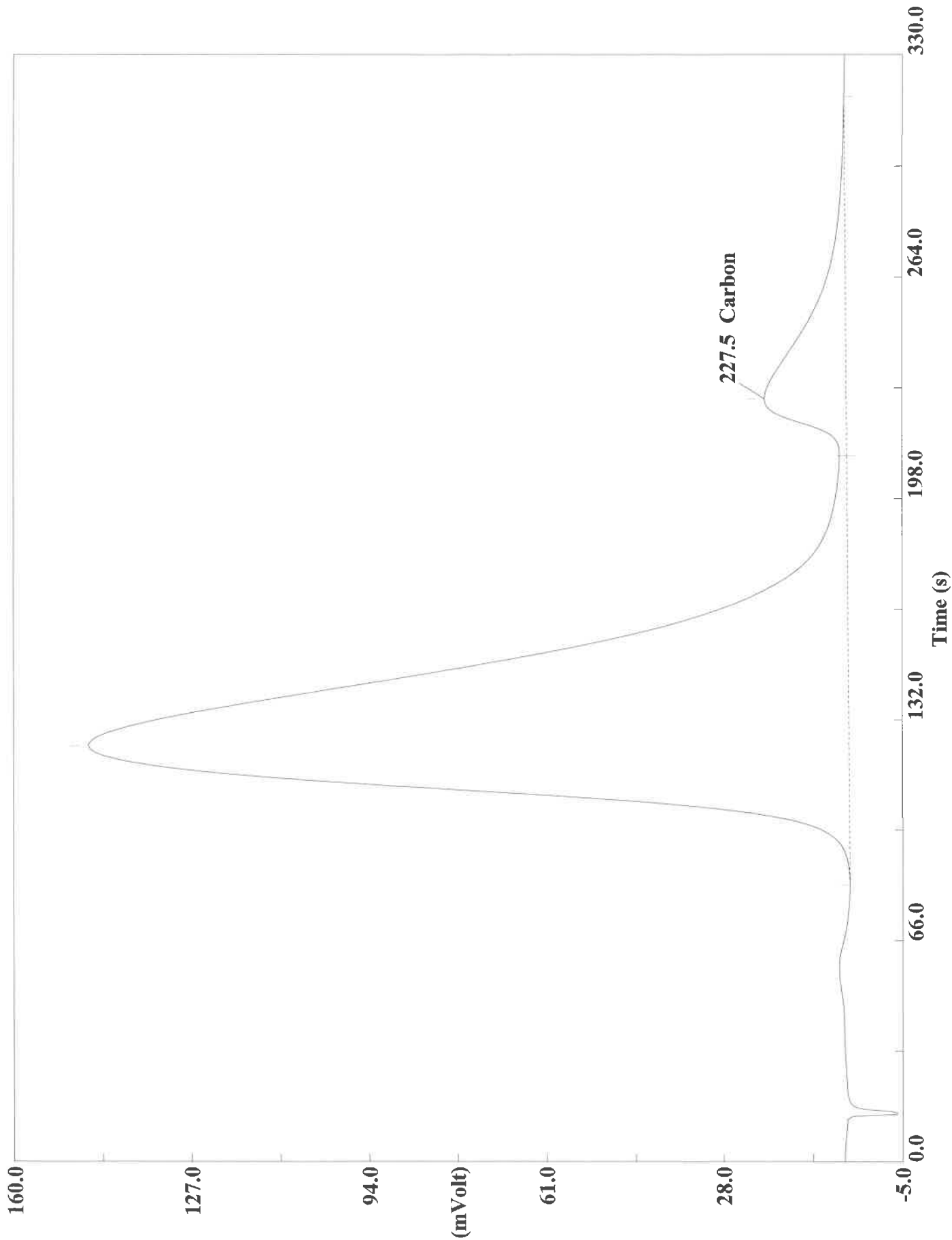
Page: 1 Sample: 180-111287-A-80 (A100120115)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120115
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 00:54 Printed : 10/2/2020 07:32
Sample ID : 180-111287-A-80 (# 126)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6356	232	3182732	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120116.DAT
Sample name :180-111287-A-80 Analysed :10/02/2020 01:00

Eager 300 Report

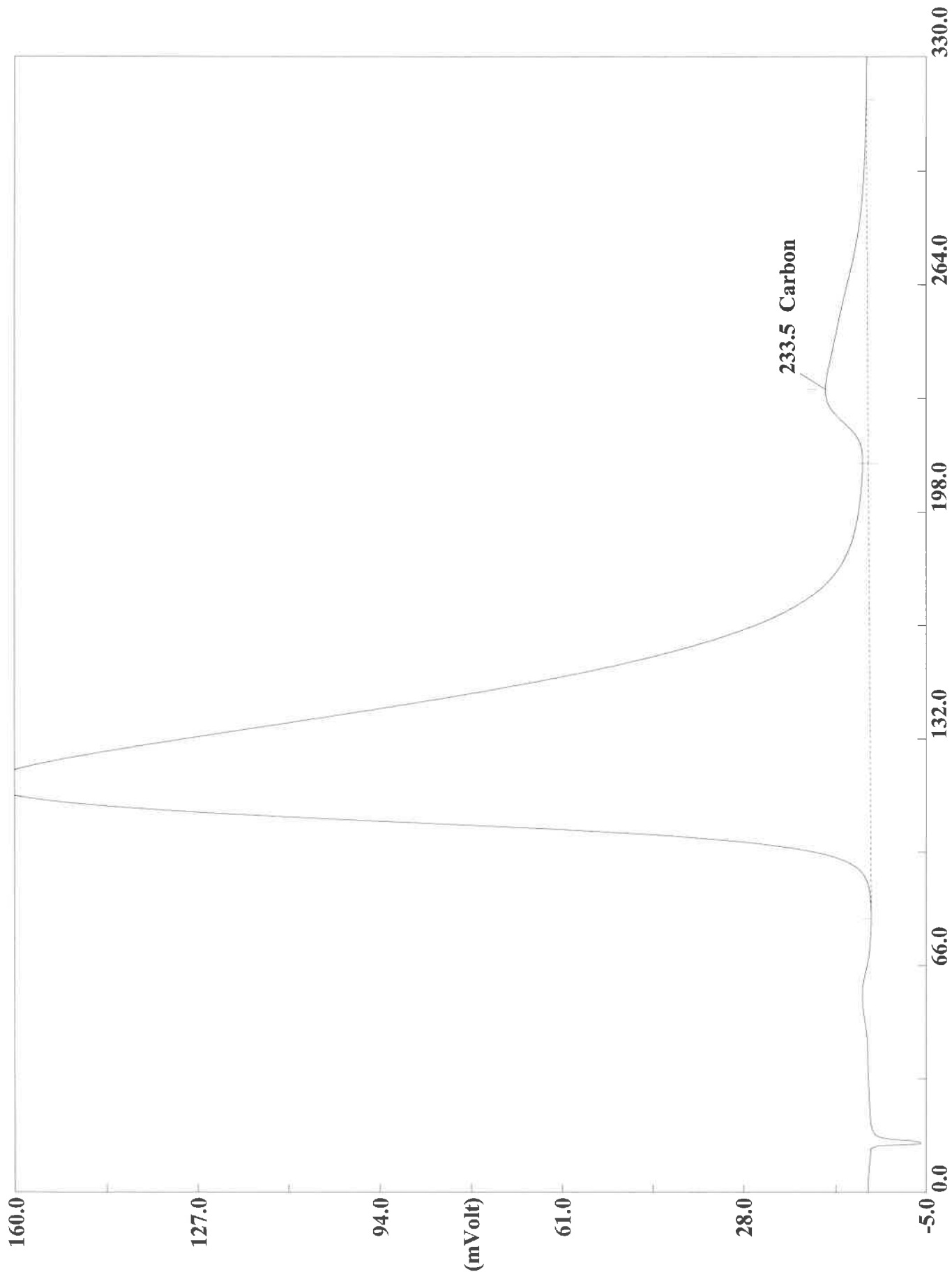
Page: 1 Sample: 180-111287-A-80 (A100120116)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120116
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:00 Printed : 10/2/2020 07:32
Sample ID : 180-111287-A-80 (# 127)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7625	228	5005421	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120118.DAT

Sample name : 180-111287-A-81 Analysed : 10/02/2020 01:11

Eager 300 Report

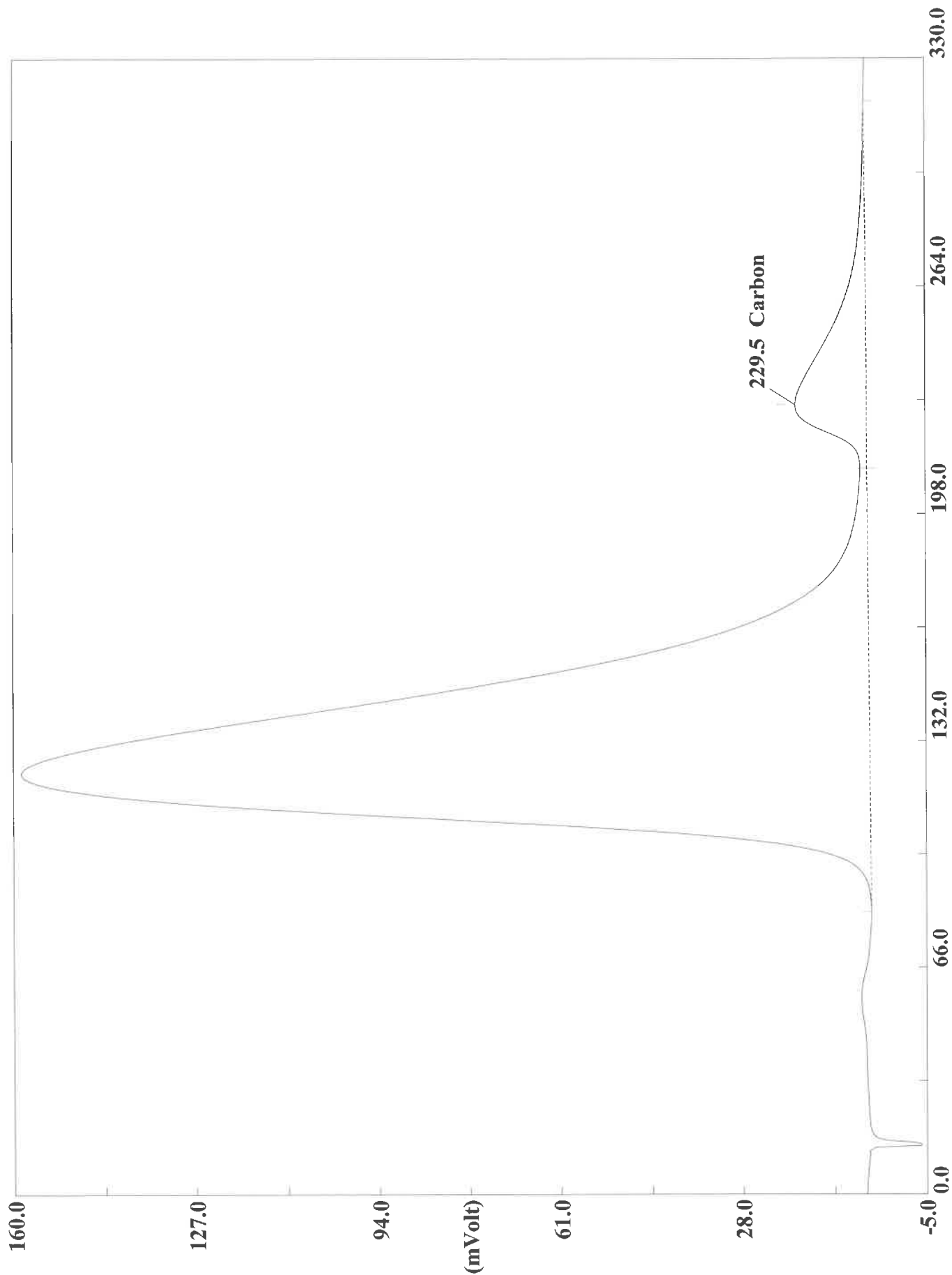
Page: 1 Sample: 180-111287-A-81 (A100120118)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120118
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:11 Printed : 10/2/2020 07:32
Sample ID : 180-111287-A-81 (# 129)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0803	234	3257237	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120119.DAT
Sample name :180-111287-A-81 Analysed :10/02/2020 01:17

Eager 300 Report

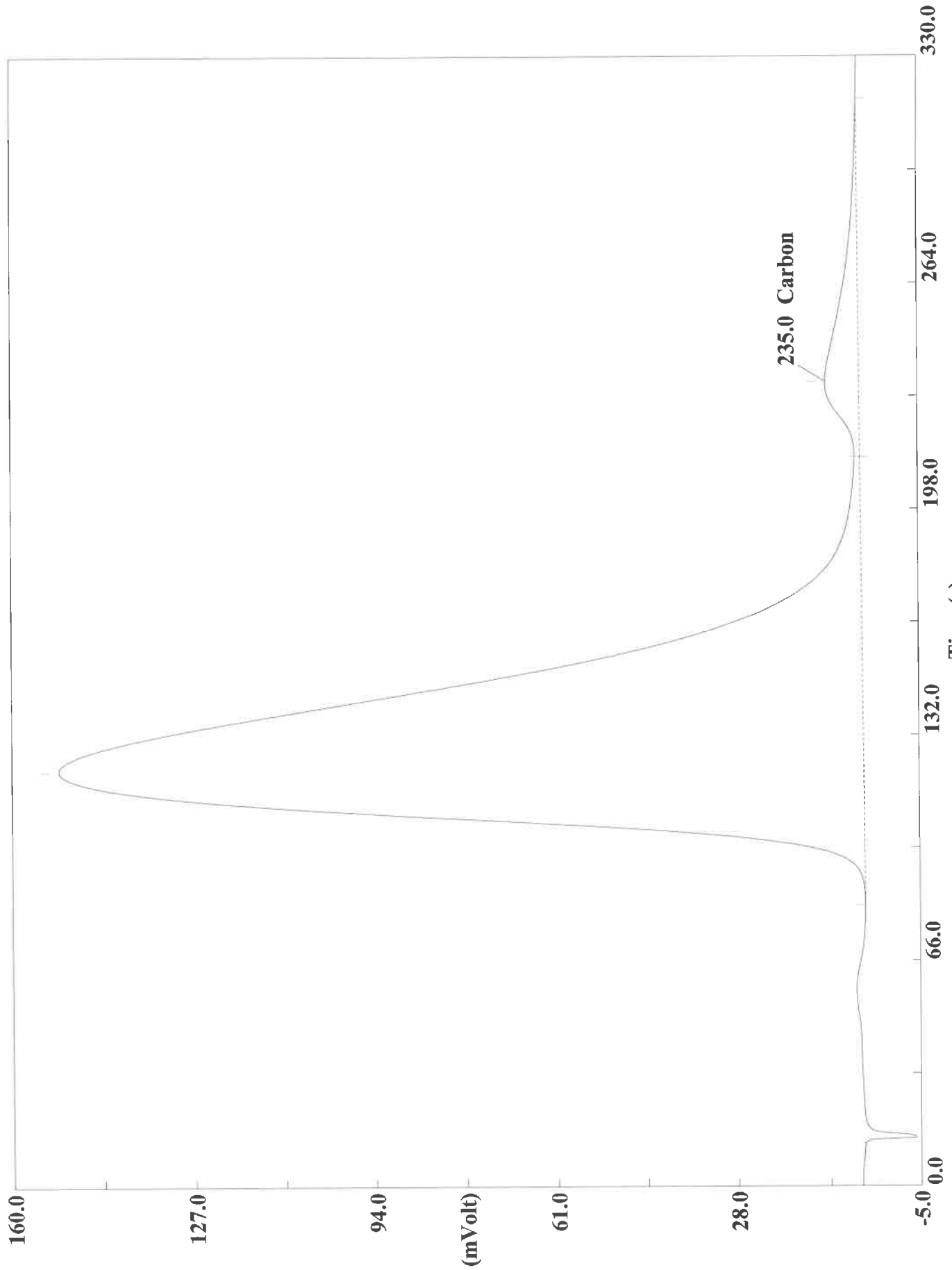
Page: 1 Sample: 180-111287-A-81 (A100120119)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120119
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:17 Printed : 10/2/2020 07:33
Sample ID : 180-111287-A-81 (# 130)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 28.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9556	230	4328170	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120121.DAT
Sample name :180-111287-A-82 Analysed :10/02/2020 01:28

Eager 300 Report

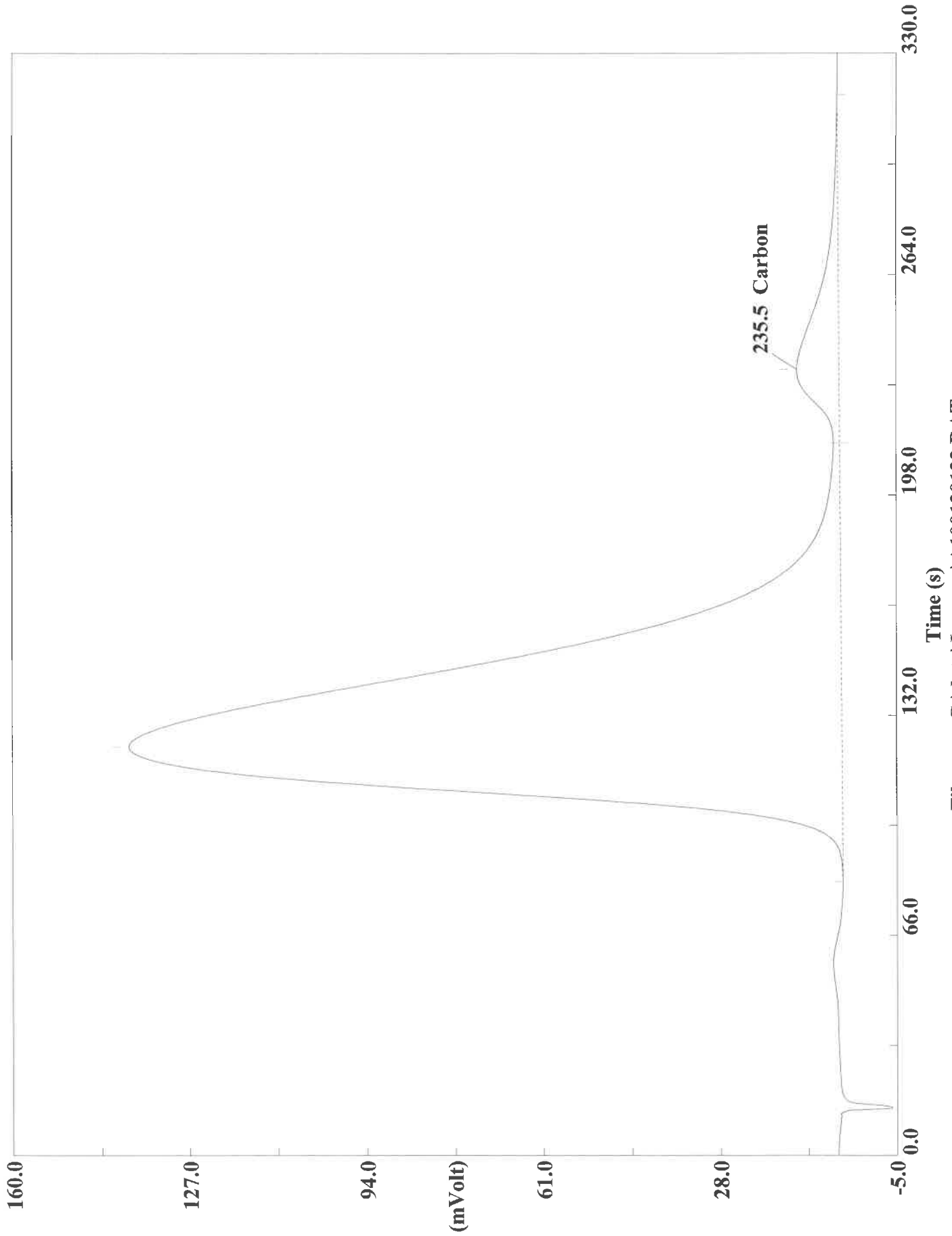
Page: 1 Sample: 180-111287-A-82 (A100120121)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120121
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:28 Printed : 10/2/2020 07:33
Sample ID : 180-111287-A-82 (# 132)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0460	235	2529471	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120122.DAT
Sample name :180-111287-A-82 Analysed :10/02/2020 01:33

Eager 300 Report

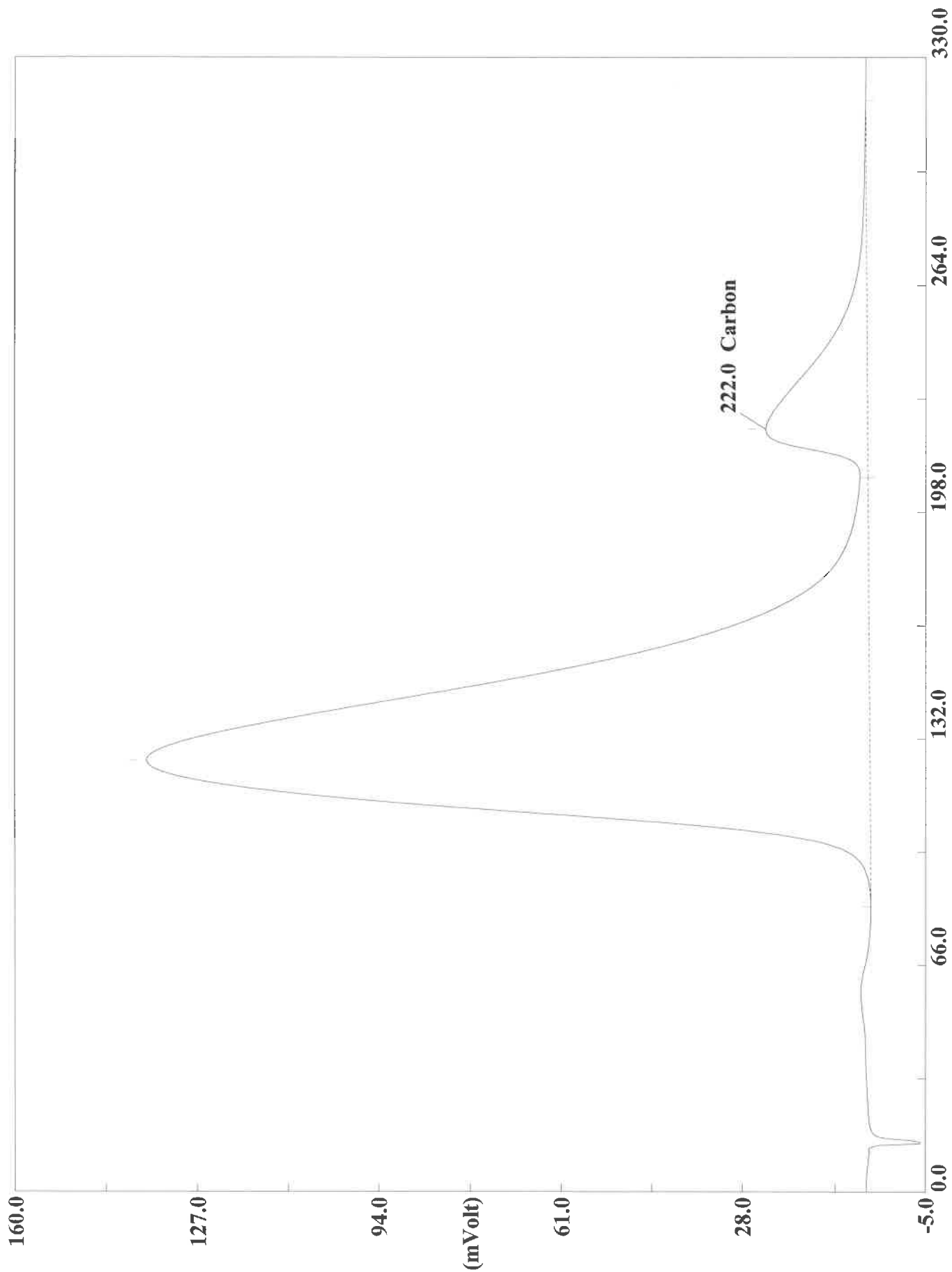
Page: 1 Sample: 180-111287-A-82 (A100120122)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120122
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:33 Printed : 10/2/2020 07:33
Sample ID : 180-111287-A-82 (# 133)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5915	236	2831389	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120124.DAT
Sample name :CCV Analysed :10/02/2020 01:45

Eager 300 Report

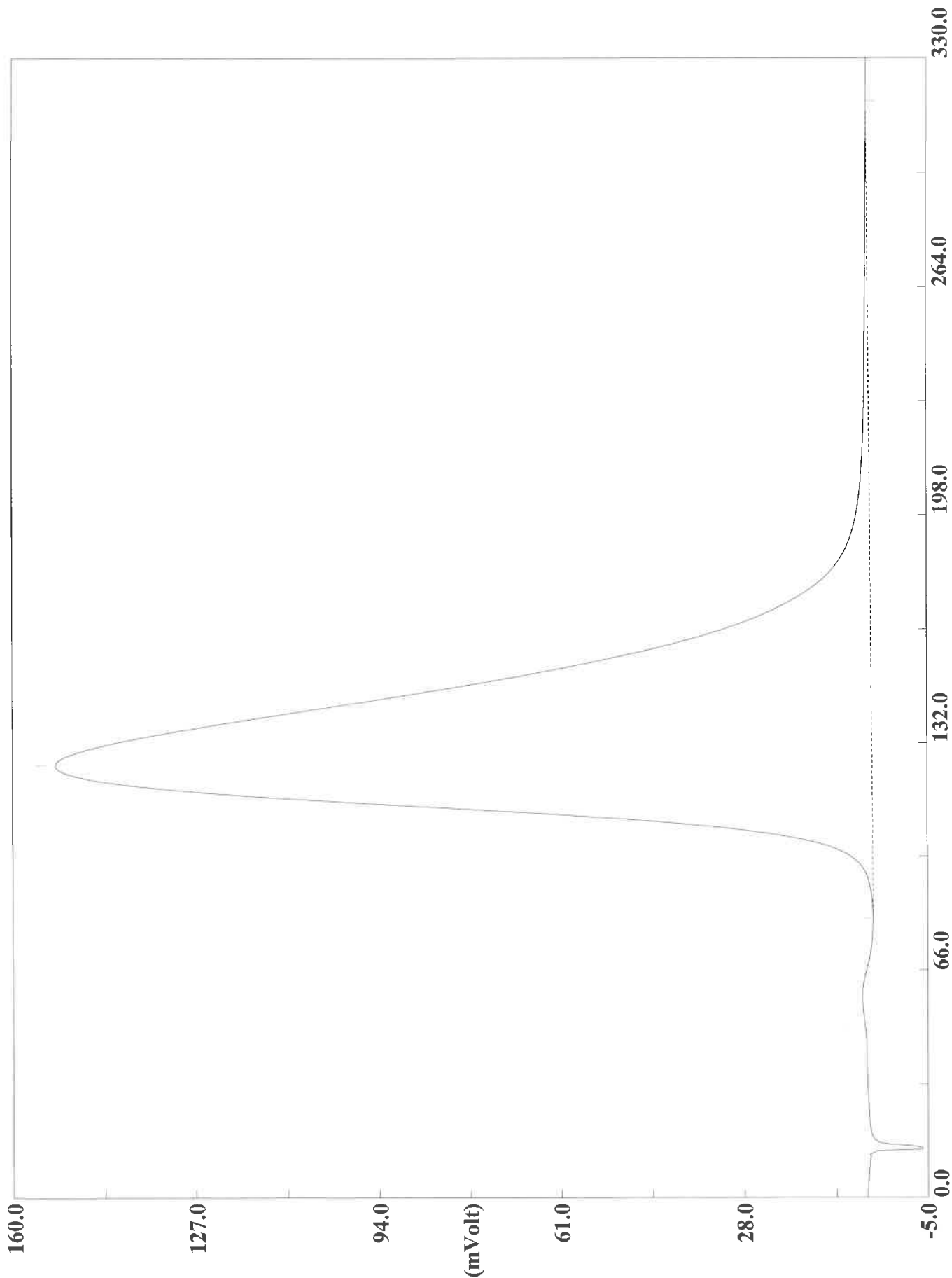
Page: 1 Sample: CCV (A100120124)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120124
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:45 Printed : 10/2/2020 07:33
Sample ID : CCV (# 135)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0527	222	5472456	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120125.DAT
Sample name :CCB Analysed :10/02/2020 01:50

Eager 300 Report

Page: 1 Sample: CCB (A100120125)

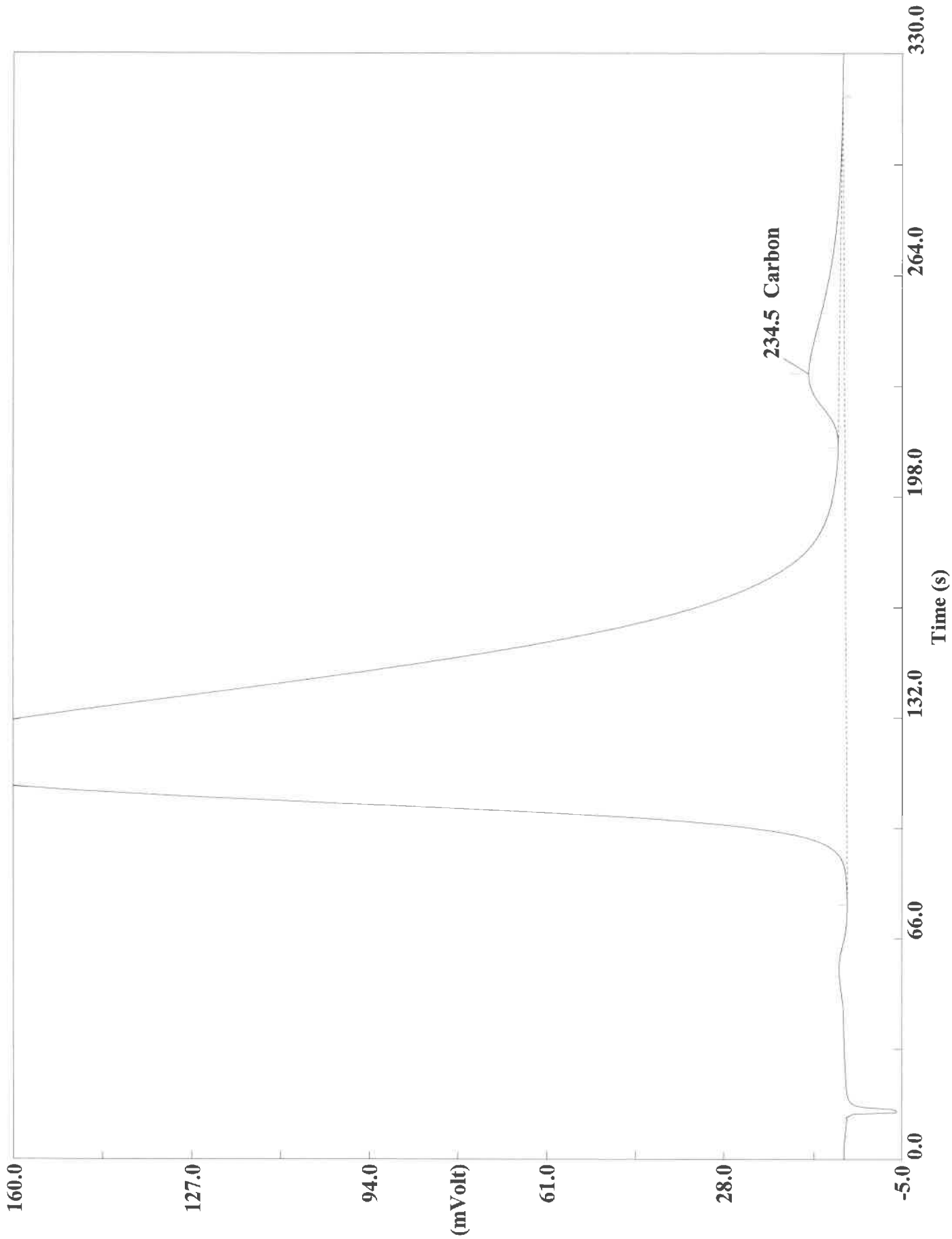
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120125
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:50 Printed : 10/2/2020 07:33
Sample ID : CCB (# 136)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

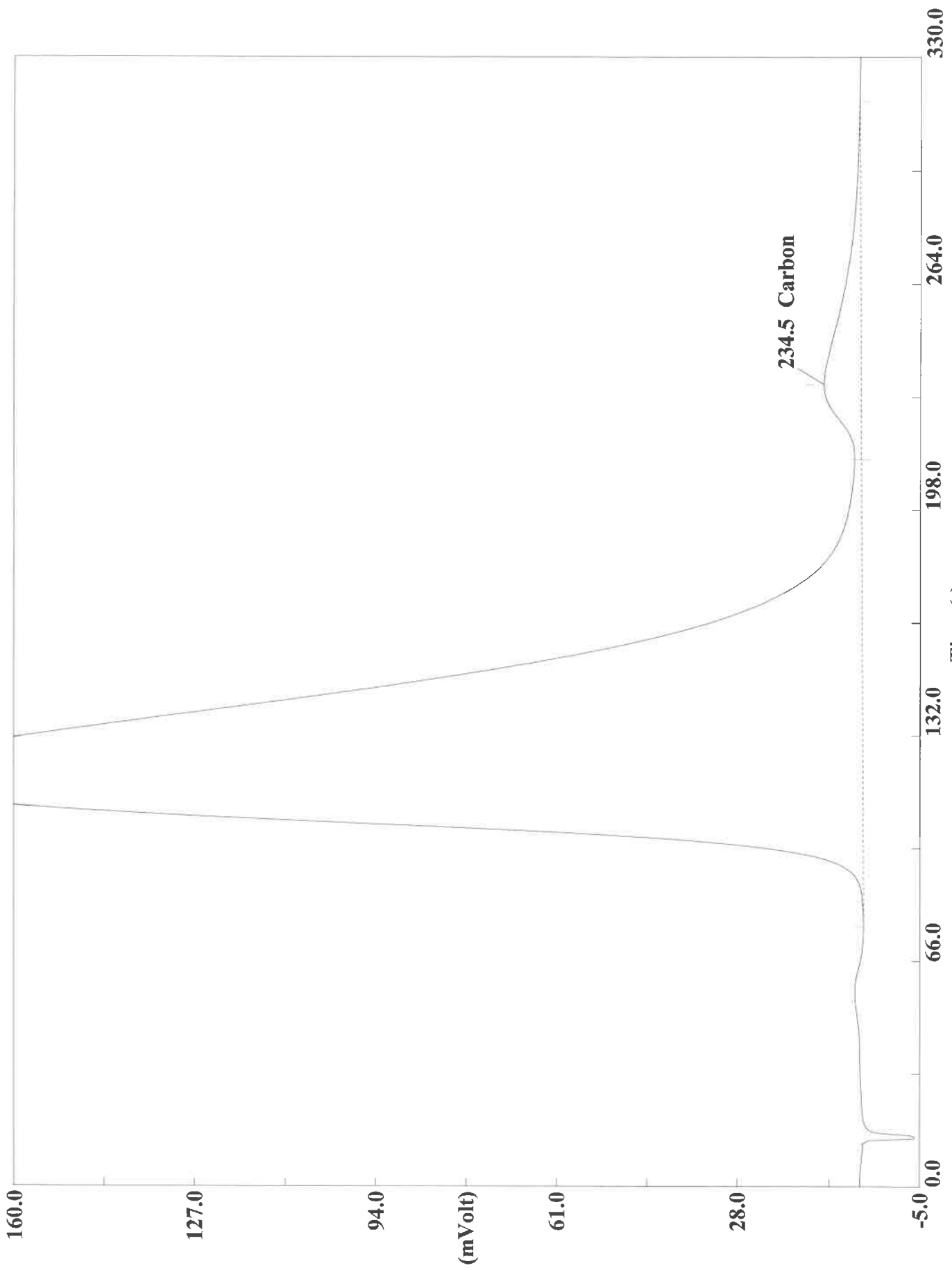
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120126.DAT
Sample name : 180-111287-A-83 Analysed : 10/02/2020 01:56

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120126.DAT
Sample name :180-111287-A-83 Analysed :10/02/2020 01:56

Eager 300 Report

Page: 1 Sample: 180-111287-A-83 (A100120126)

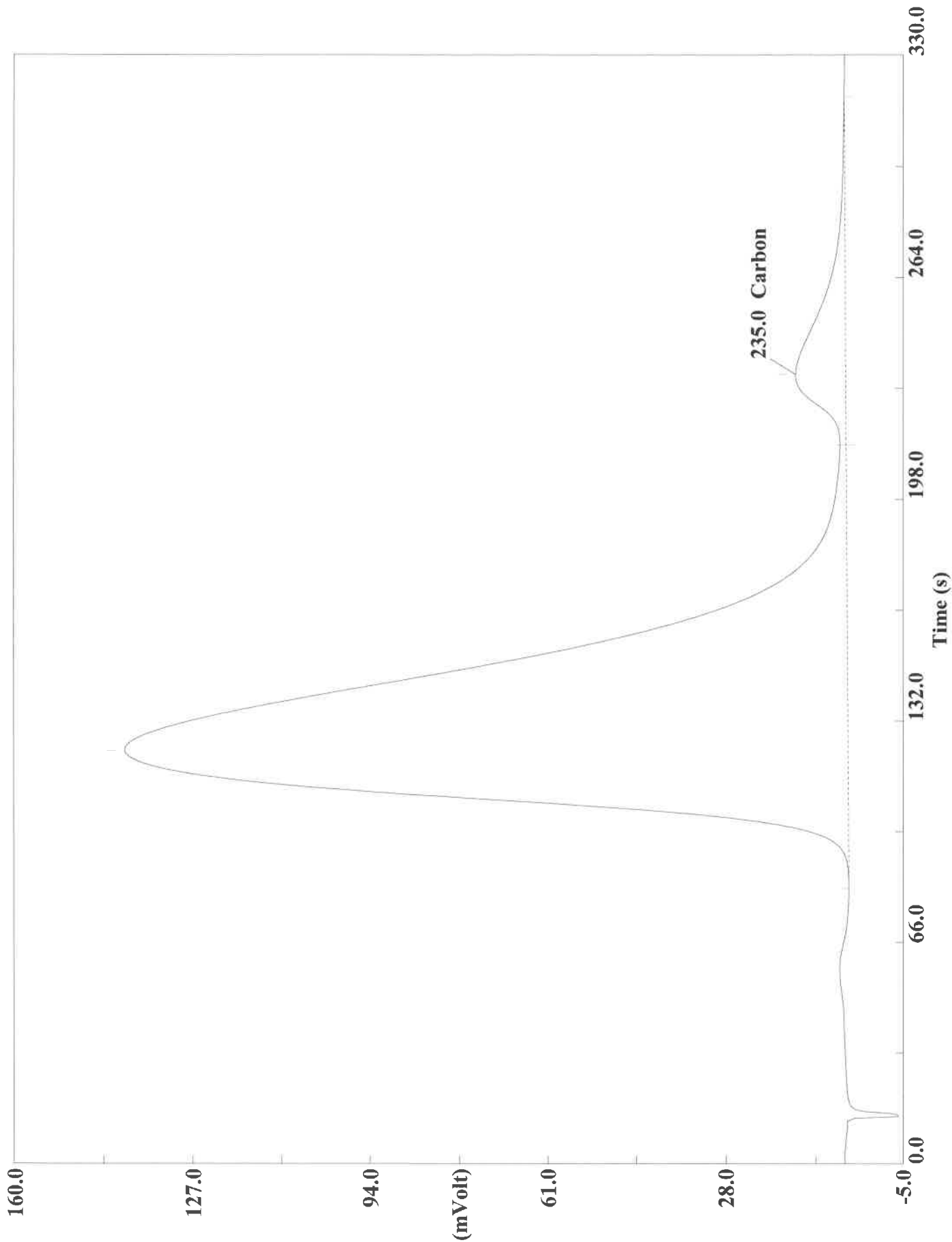
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120126
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 01:56 Printed : 10/2/2020 07:34
Sample ID : 180-111287-A-83 (# 137)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6061	235	2656927	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120127.DAT

Sample name : 180-111287-A-83 Analysed : 10/02/2020 02:01

Eager 300 Report

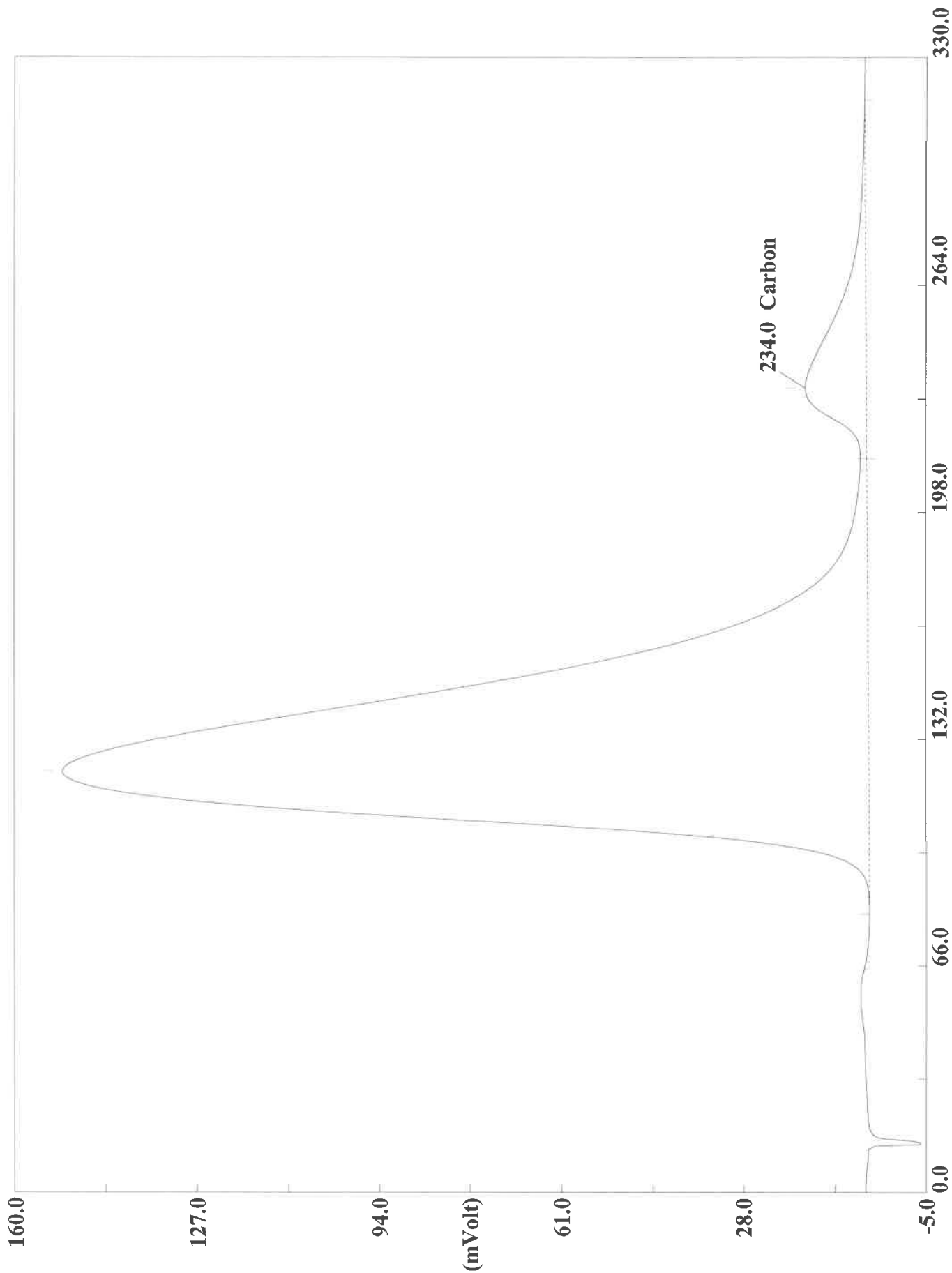
Page: 1 Sample: 180-111287-A-83 (A100120127)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120127
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:01 Printed : 10/2/2020 07:34
Sample ID : 180-111287-A-83 (# 138)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0165	235	3142063	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120129.DAT
Sample name :180-111287-A-84 Analysed :10/02/2020 02:13

Eager 300 Report

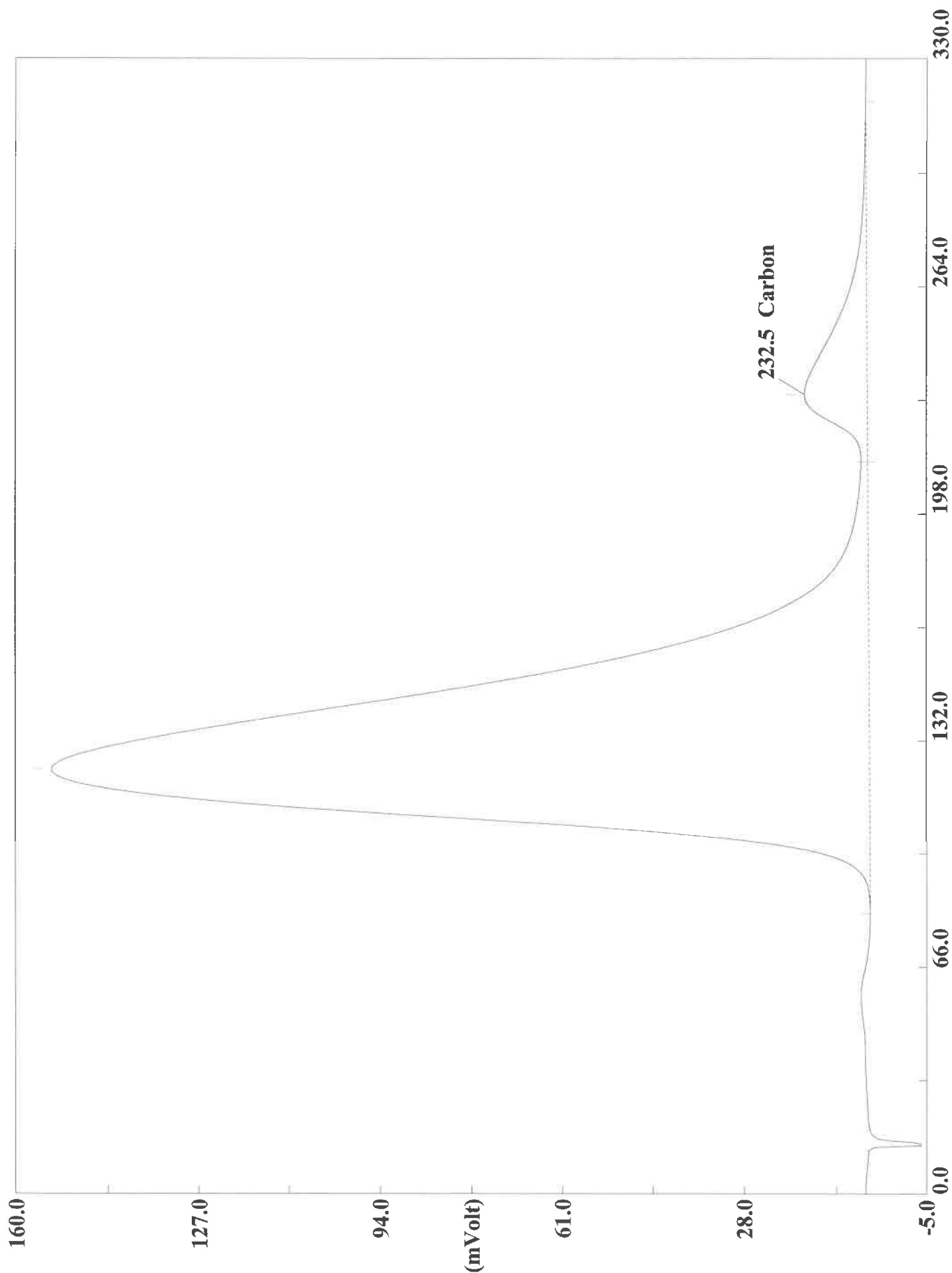
Page: 1 Sample: 180-111287-A-84 (A100120129)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120129
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:13 Printed : 10/2/2020 07:34
Sample ID : 180-111287-A-84 (# 140)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9097	234	3759243	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Time (s)

Filename C:\data\January\A100120130.DAT

Sample name : 180-111287-A-84 Analysed : 10/02/2020 02:18

Eager 300 Report

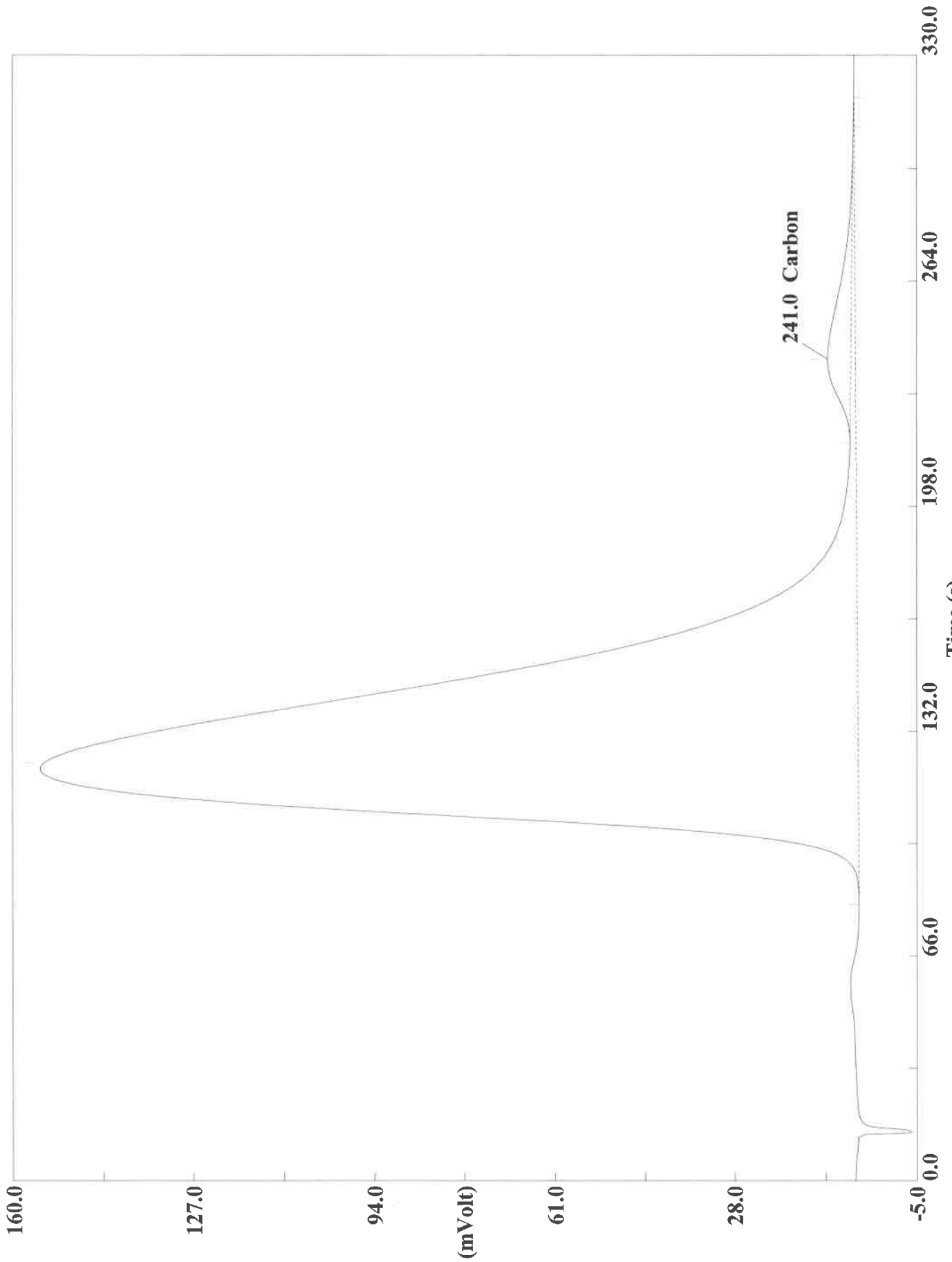
Page: 1 Sample: 180-111287-A-84 (A100120130)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120130
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:18 Printed : 10/2/2020 07:34
Sample ID : 180-111287-A-84 (# 141)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

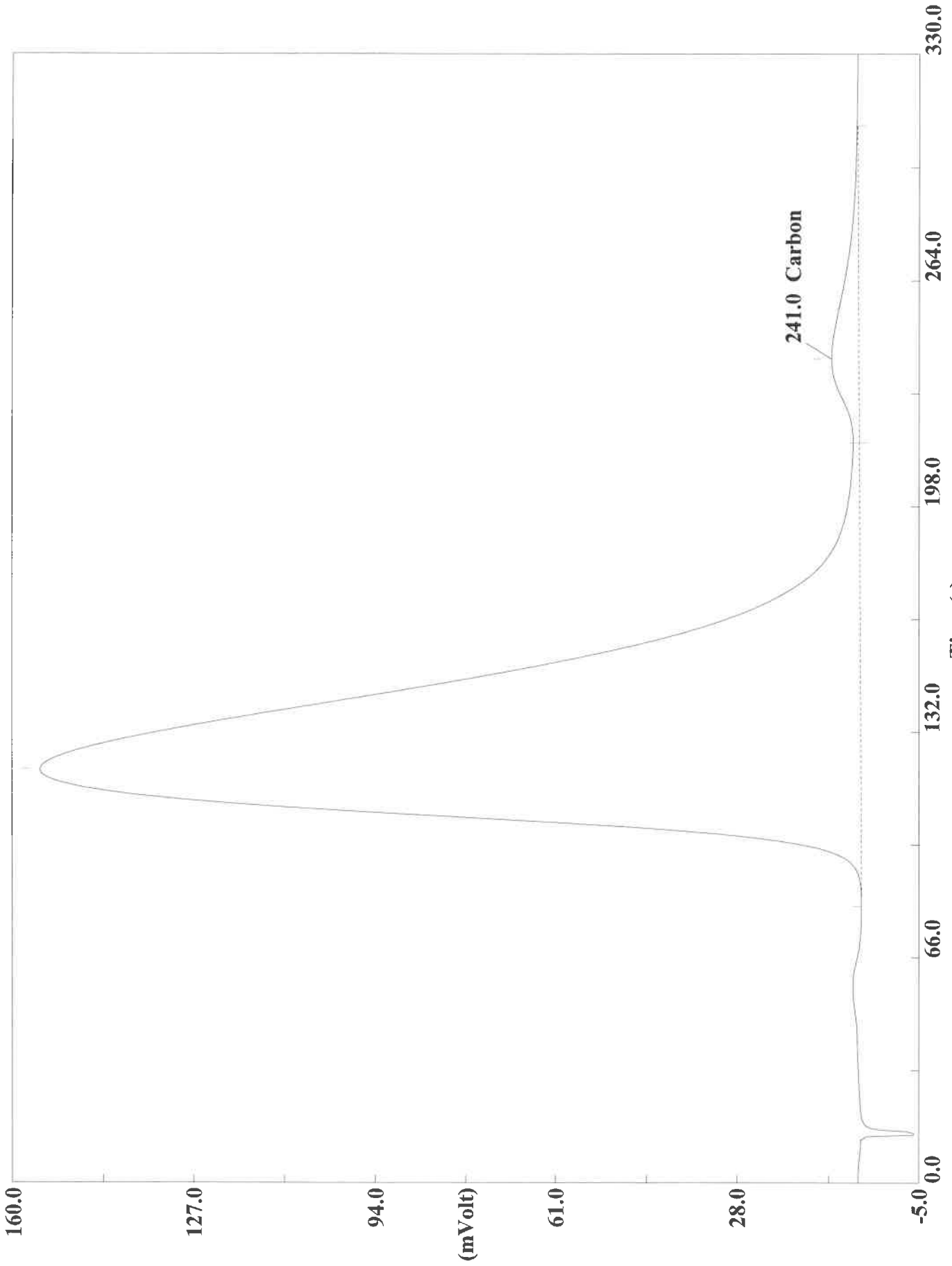
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4568	233	3748515	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120132.DAT
Sample name :180-111287-A-94 Analysed :10/02/2020 02:29

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120132.DAT
Sample name :180-111287-A-94 Analysed :10/02/2020 02:29

Eager 300 Report

Page: 1 Sample: 180-111287-A-94 (A100120132)

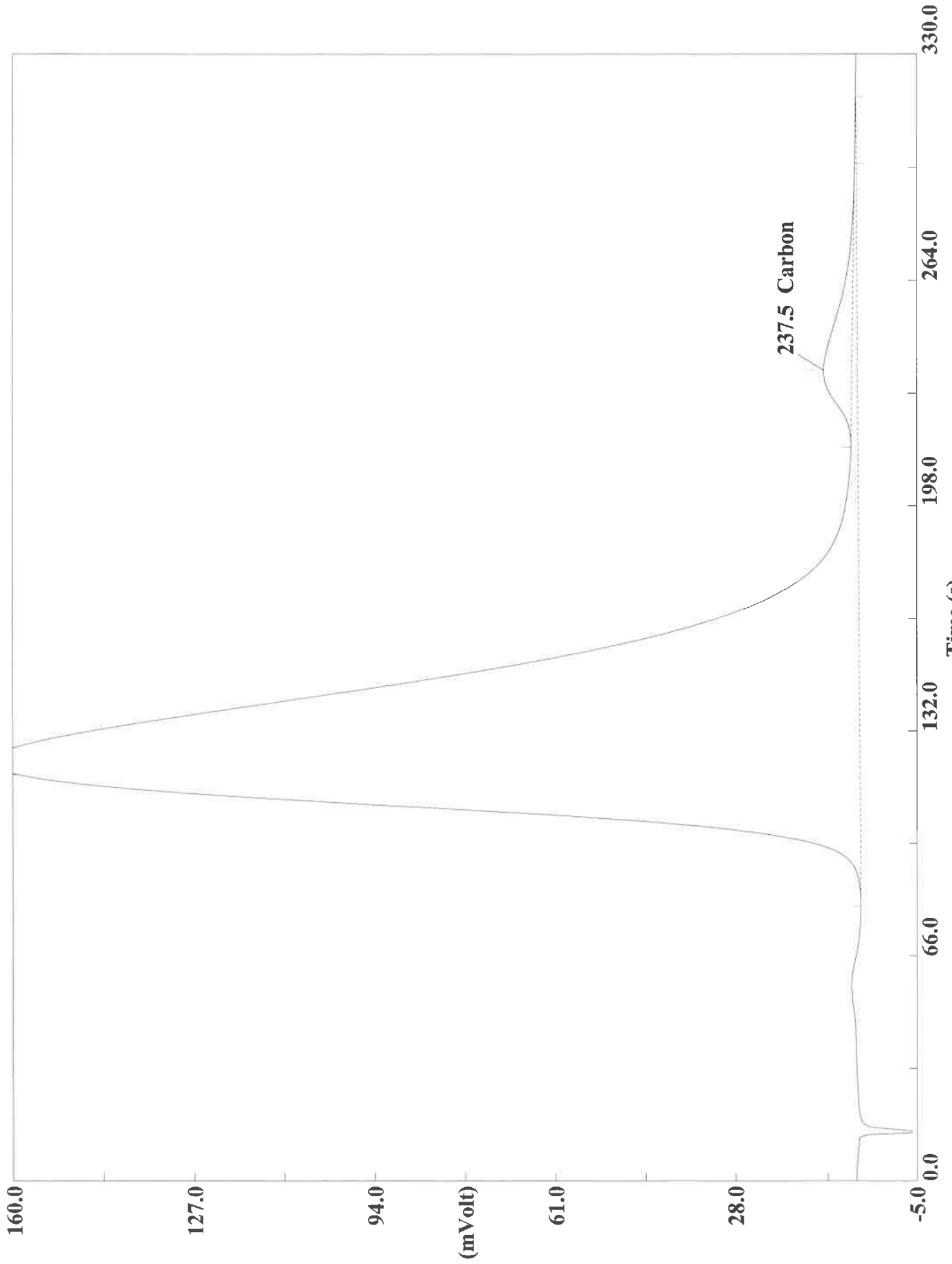
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120132
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:29 Printed : 10/2/2020 07:35
Sample ID : 180-111287-A-94 (# 143)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

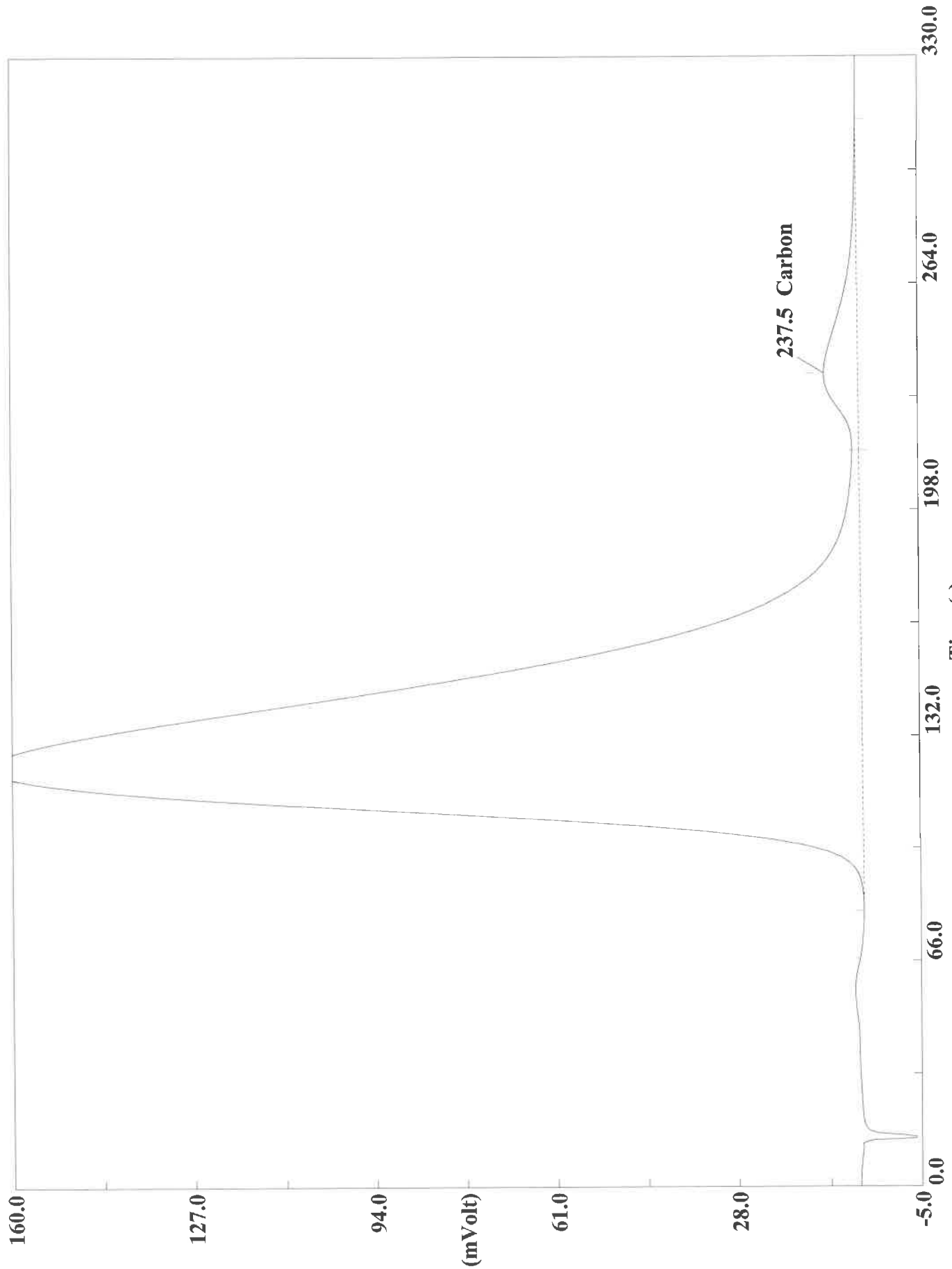
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.8522	241	1997616	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120133.DAT
Sample name : 180-111287-A-94 Analysed : 10/02/2020 02:35

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120133.DAT
Sample name :180-111287-A-94 Analysed :10/02/2020 02:35

Eager 300 Report

Page: 1 Sample: 180-111287-A-94 (A100120133)

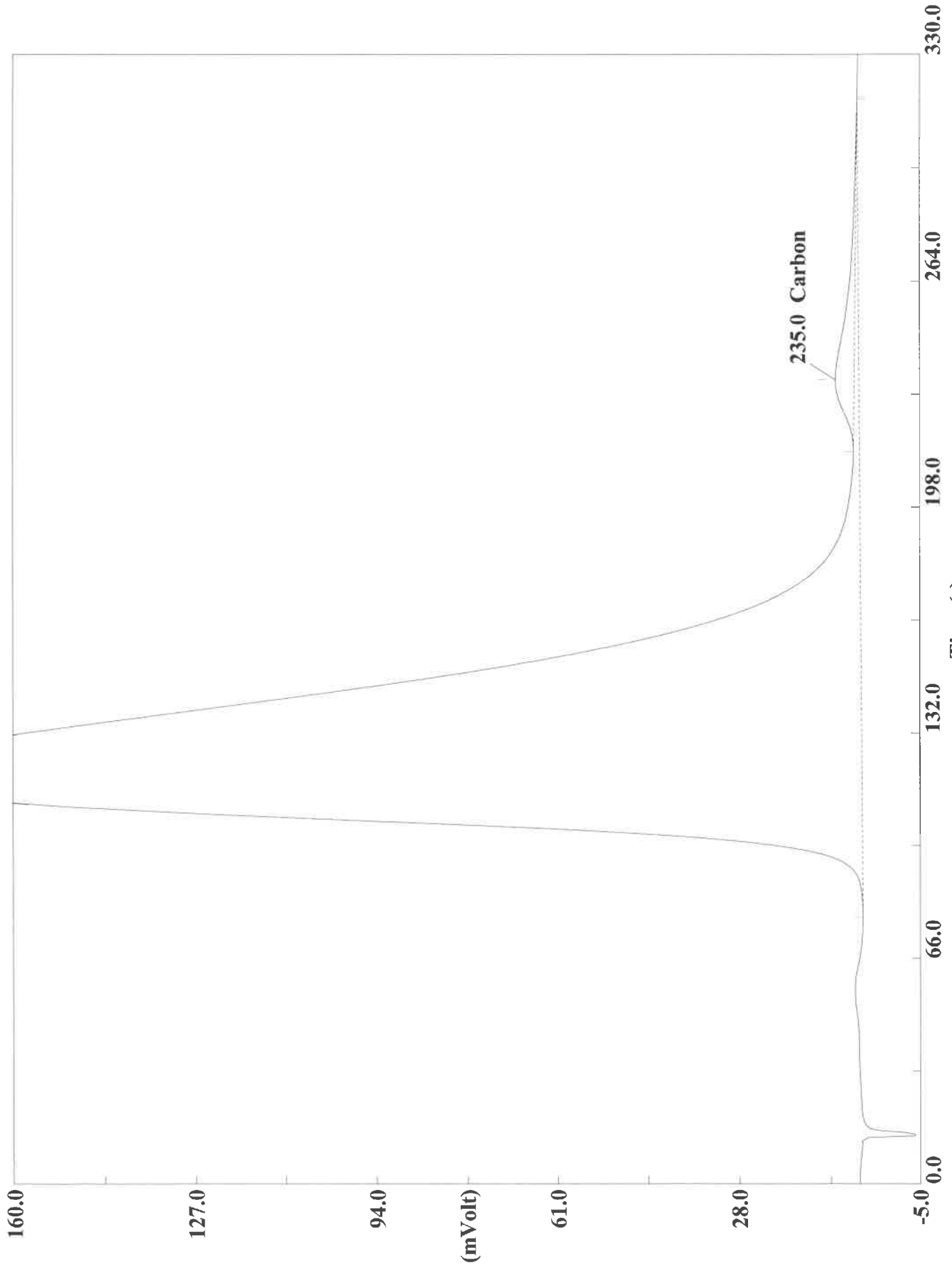
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120133
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:35 Printed : 10/2/2020 07:35
Sample ID : 180-111287-A-94 (# 144)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.3

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

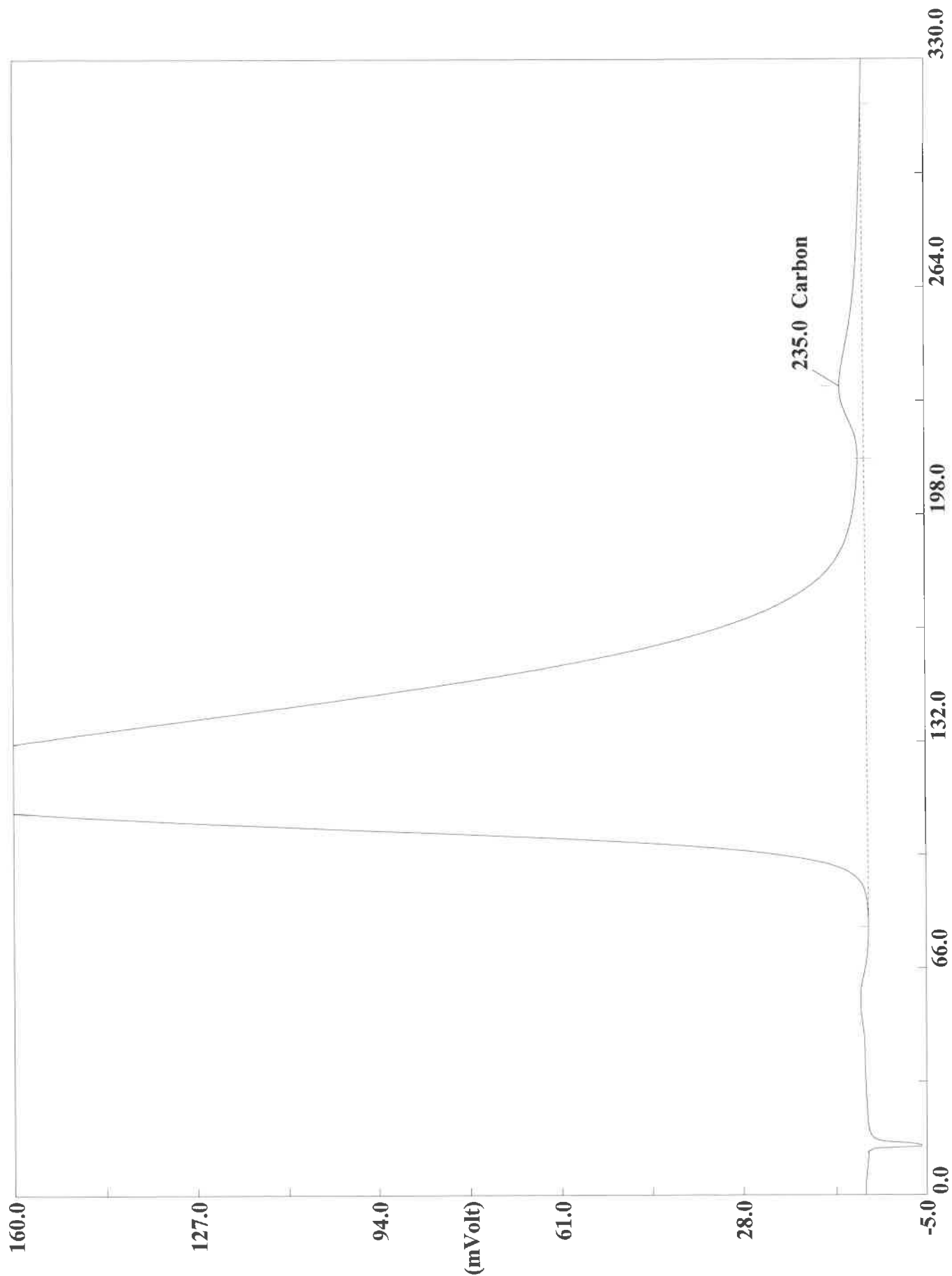
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.0510	238	2150208	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120135.DAT
Sample name : 180-111287-A-95 Analysed : 10/02/2020 02:46

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120135.DAT
Sample name :180-111287-A-95 Analysed :10/02/2020 02:46

Eager 300 Report

Page: 1 Sample: 180-111287-A-95 (A100120135)

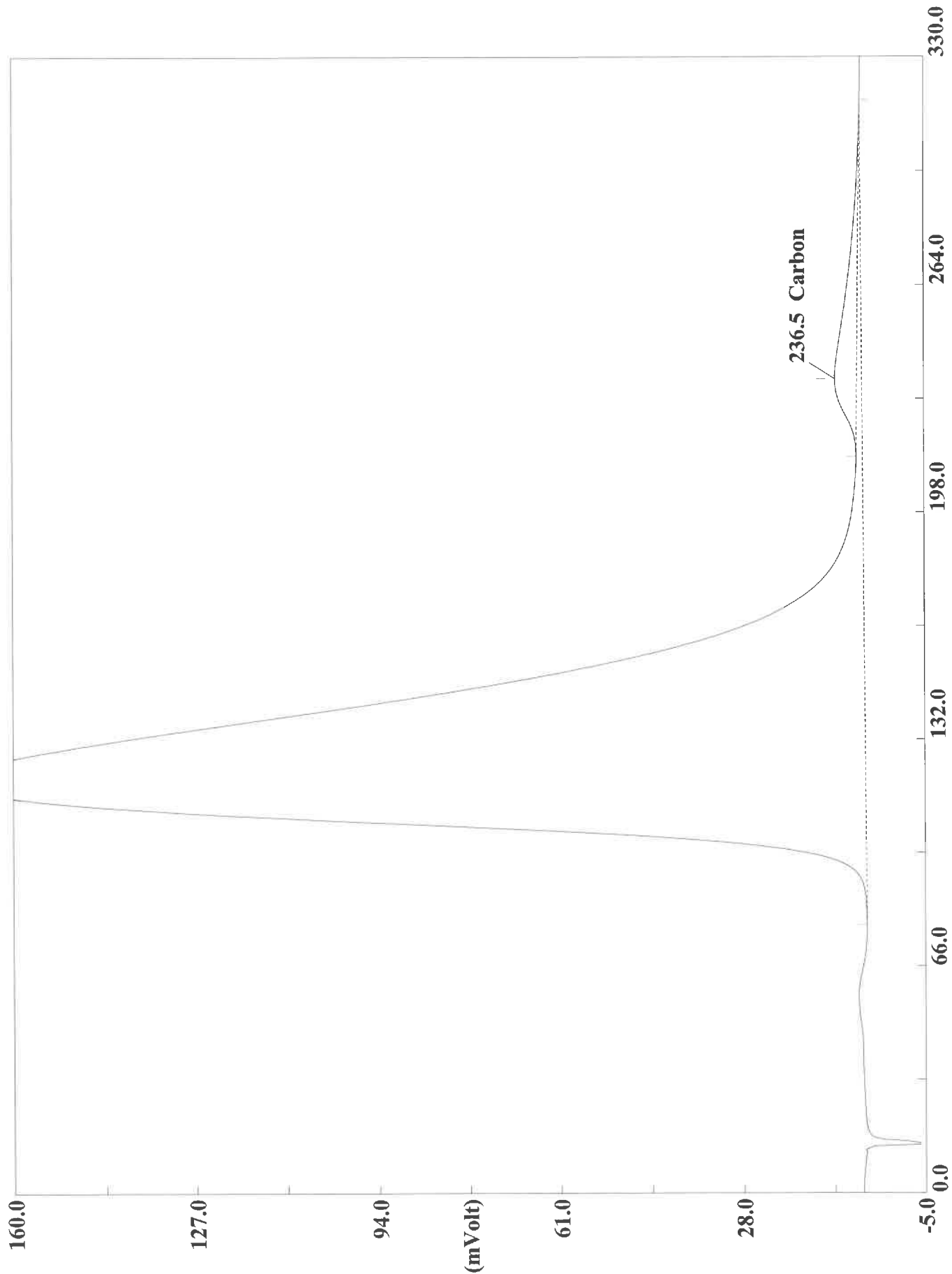
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120135
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:46 Printed : 10/2/2020 07:36
Sample ID : 180-111287-A-95 (# 146)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

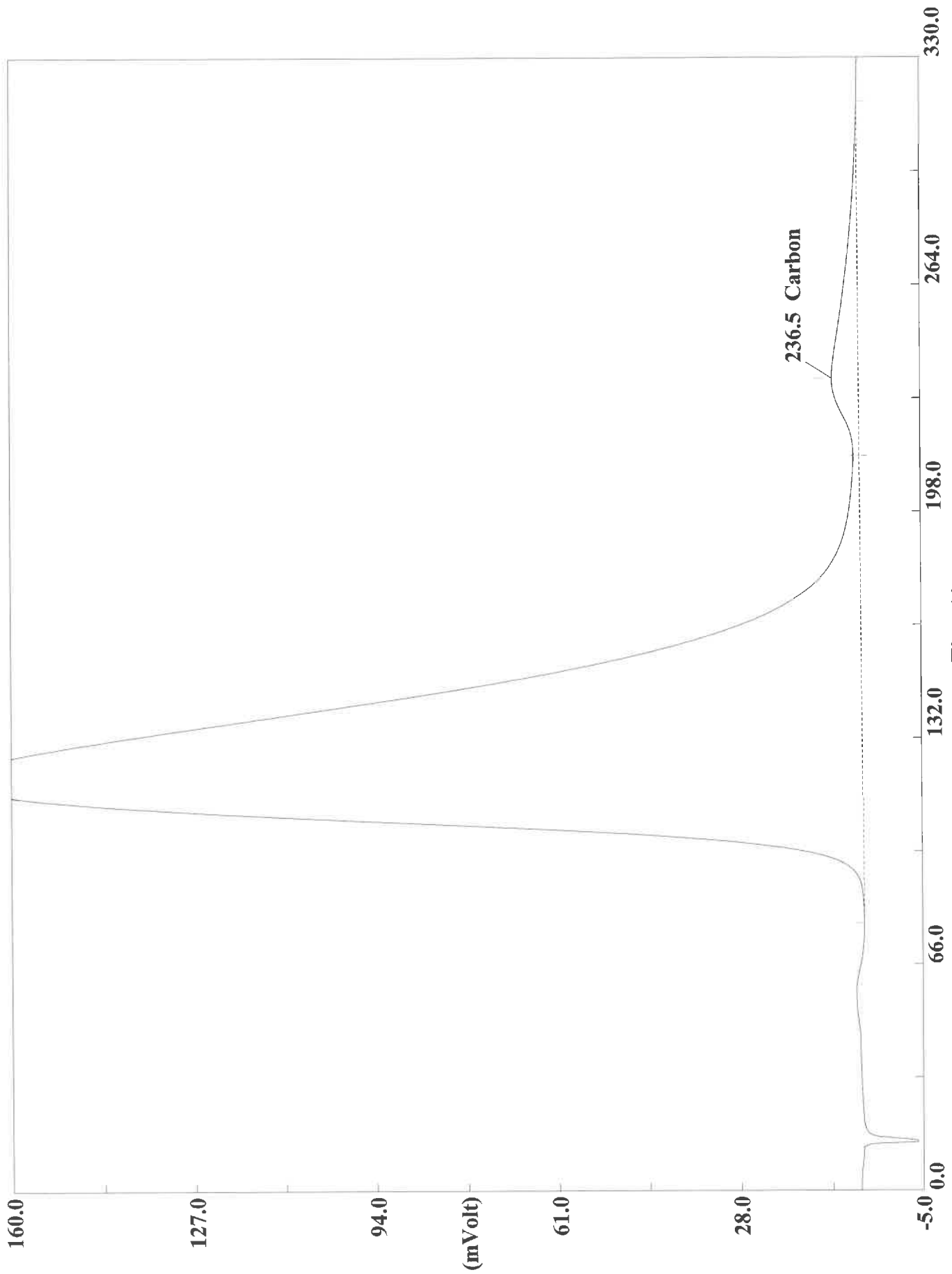
Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5133	235	1730499	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120136.DAT
Sample name :180-111287-A-95 Analysed :10/02/2020 02:52

MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120136.DAT
Sample name : 180-111287-A-95 Analysed : 10/02/2020 02:52

Eager 300 Report

Page: 1 Sample: 180-111287-A-95 (A100120136)

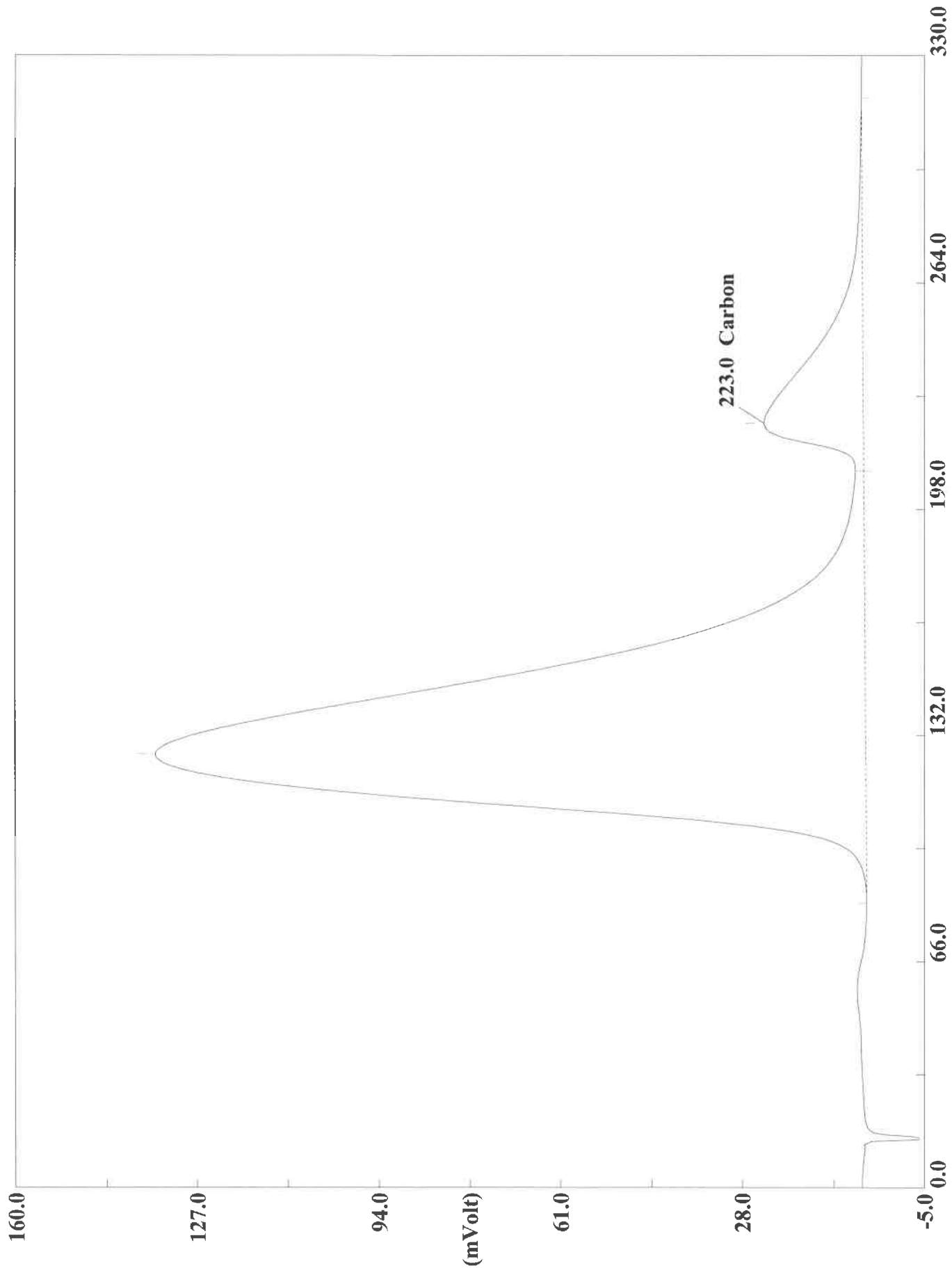
Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120136
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 02:52 Printed : 10/2/2020 07:36
Sample ID : 180-111287-A-95 (# 147)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.7

Calib. method : using 'Least Squares to Linear fit'

Warning Chromatogram has been subjected to manual integration.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3625	237	2159723	mi	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120138.DAT
Sample name :CCV Analysed :10/02/2020 03:03

Eager 300 Report

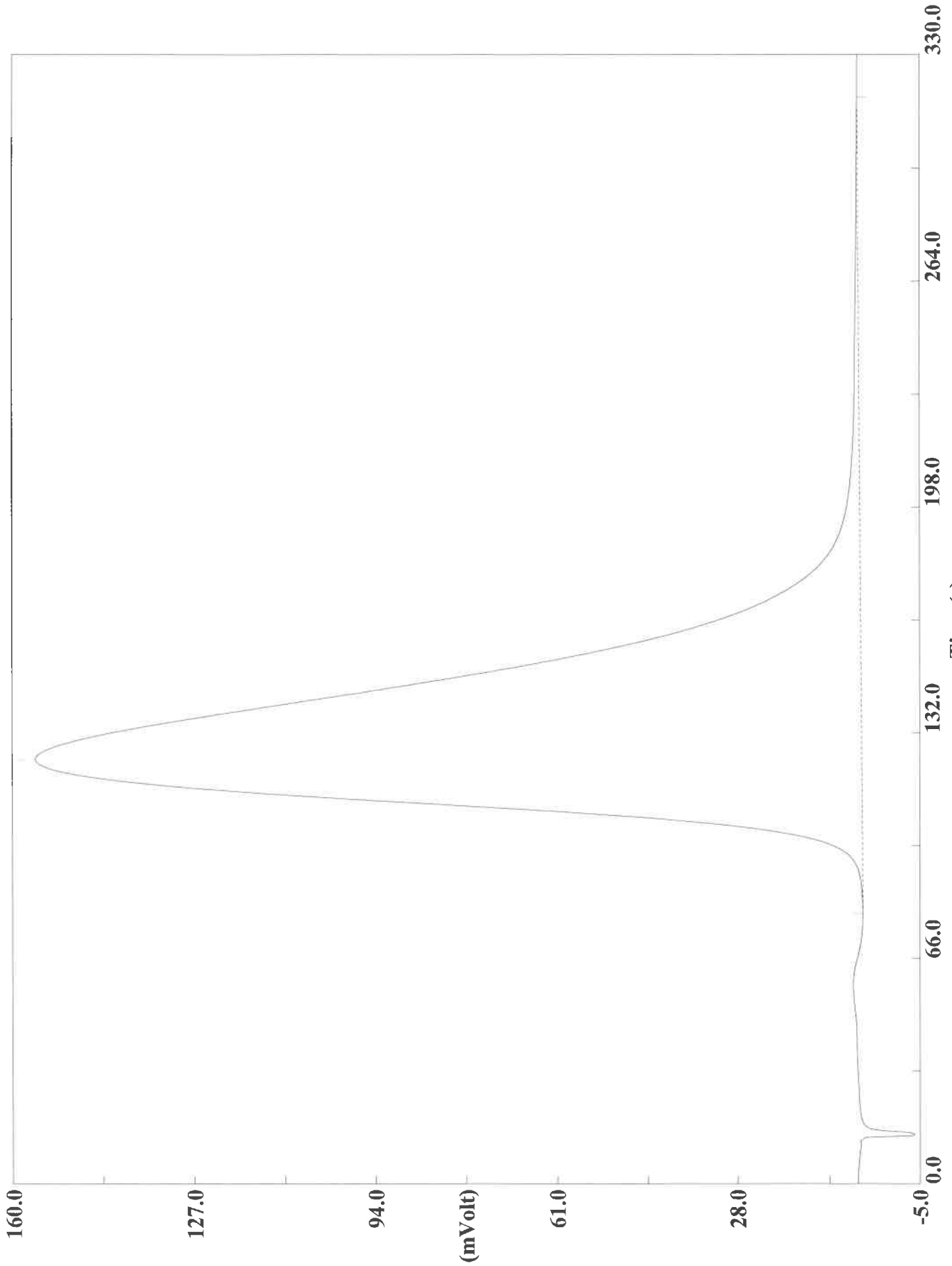
Page: 1 Sample: CCV (A100120138)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120138
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 03:03 Printed : 10/2/2020 07:37
Sample ID : CCV (# 149)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0392	223	5402079	FU	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/02/20



Filename C:\data\January\A100120139.DAT
Sample name :CCB Analysed :10/02/2020 03:08

Eager 300 Report

Page: 1 Sample: CCB (A100120139)

Method Name : Lloyd Kahn
Method File : C:\data\January\100120A.mth
Chromatogram : A100120139
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 03:08 Printed : 10/2/2020 07:37
Sample ID : CCB (# 150)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092320A.mth

Sample table

Chromatogram overwrite : Enabled

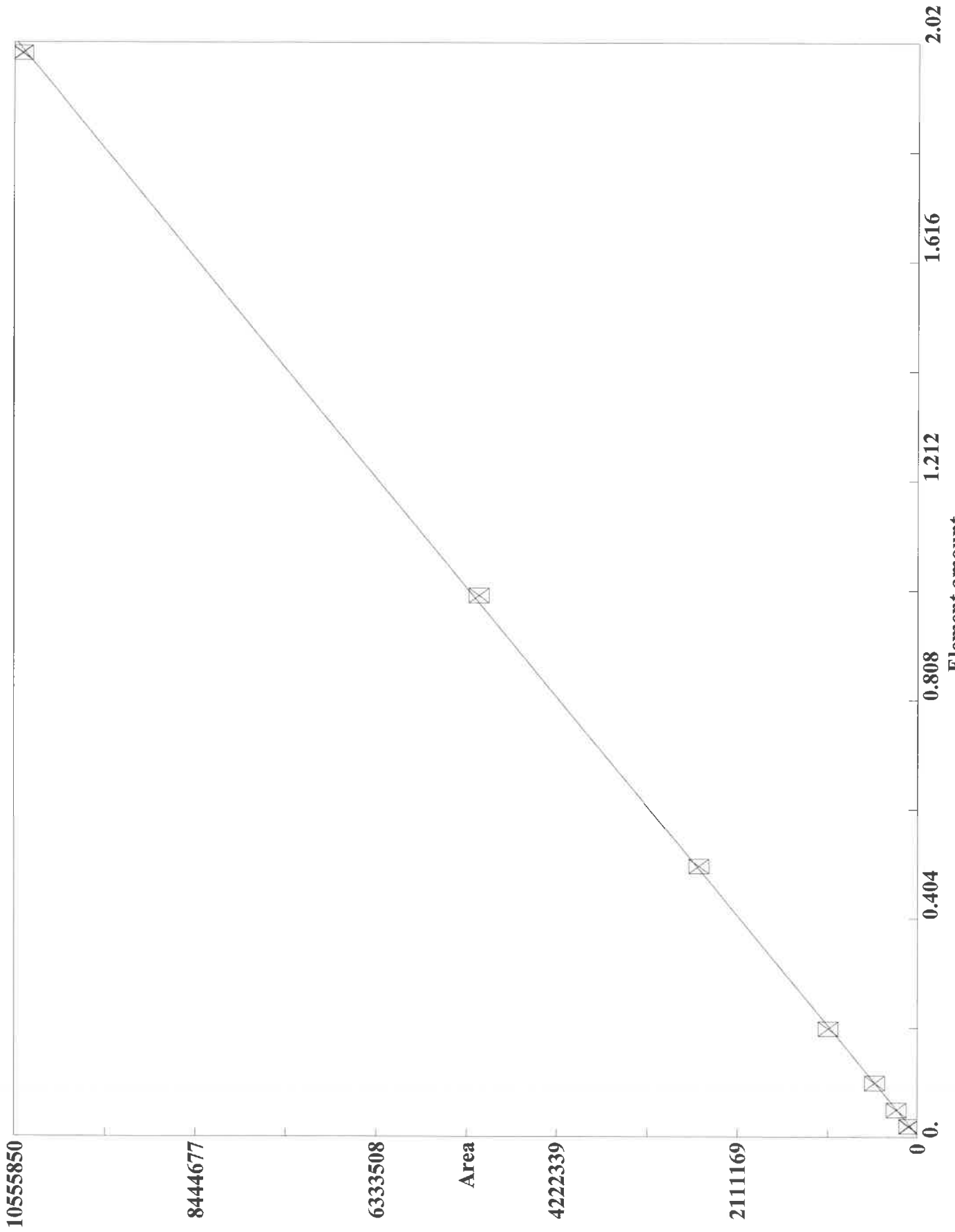
#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	CCV	A092320017	Unk	100	0
13	CCB	A092320018	Unk	20	0
14	MB	A092320019	Unk	21.1	0
15	MB	A092320020	Unk	24.4	0
16	LCS	A092320021	Unk	12.7	0
17	LCS	A092320022	Unk	9.8	0
18	180-110583-A-9	A092320023	Unk	18.2	0
19	180-110583-A-9	A092320024	Unk	18	0
20	Rinse	A092320025	Unk	1	0
21	180-110583-B-14	A092320026	Unk	10.6	0
22	180-110583-B-14	A092320027	Unk	7.4	0
23	Rinse	A092320028	Unk	1	0
24	180-110583-B-14 MS	A092320029	Unk	8.3	0
25	180-110583-B-14 MS	A092320030	Unk	6.6	0
26	Rinse	A092320031	Unk	1	0
27	180-110583-B-14 MSD	A092320032	Unk	7.7	0
28	180-110583-B-14 MSD	A092320033	Unk	7.8	0
29	Rinse	A092320034	Unk	1	0
30	180-110583-A-19	A092320035	Unk	13.1	0
31	180-110583-A-19	A092320036	Unk	16.6	0
32	Rinse	A092320037	Unk	1	0
33	CCV	A092320038	Unk	100	0
34	CCB	A092320039	Unk	20	0
35	180-110583-A-20	A092320040	Unk	11.9	0
36	180-110583-A-20	A092320041	Unk	9.1	0
37	Rinse	A092320042	Unk	1	0

Llyod Kahn %Readback Error Calculation Spreadsheet

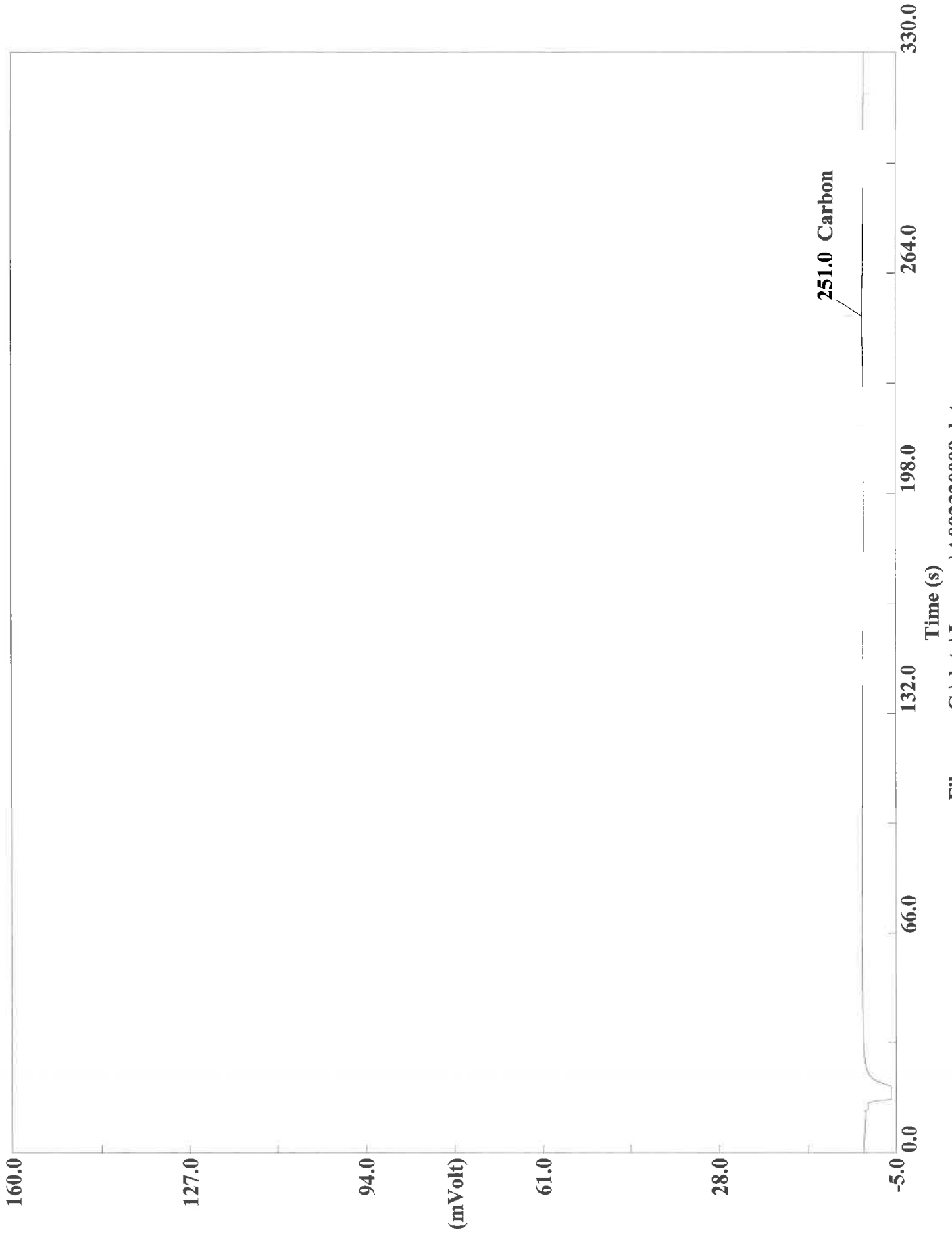
ICAL Std (ppm)	ICAL ID	Average Area	% Actual Carbon of Std.	%Readback Error	%Readback Criteria
1000	092320LK_ICAL	99423	0.0073	27.364	≤50%
2500	092320LK_ICAL	247009	0.0856	14.411	≤30%
5000	092320LK_ICAL	499611	0.0912	8.825	≤30%
10000	092320LK_ICAL	1048607	0.0982	1.838	≤30%
25000	092320LK_ICAL	2561375	0.9721	2.787	≤30%
50000	092320LK_ICAL	5128187	0.9777	2.231	≤30%
100000	092320LK_ICAL	10456420	0.9991	0.090	≤30%

Kb Value	Ke Value	Volume Cal Standard Injected	True Value Carbon Std in %
		200	0.01
		50	0.10
		100	0.10
		200	0.10
		50	1.00
		100	1.00
		200	1.00

Eager300 Calibration curve



NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320009.dat
Sample name : 1,000 KHP CT#3785365 Analysed : 09/23/2020 14:23

Eager 300 Report

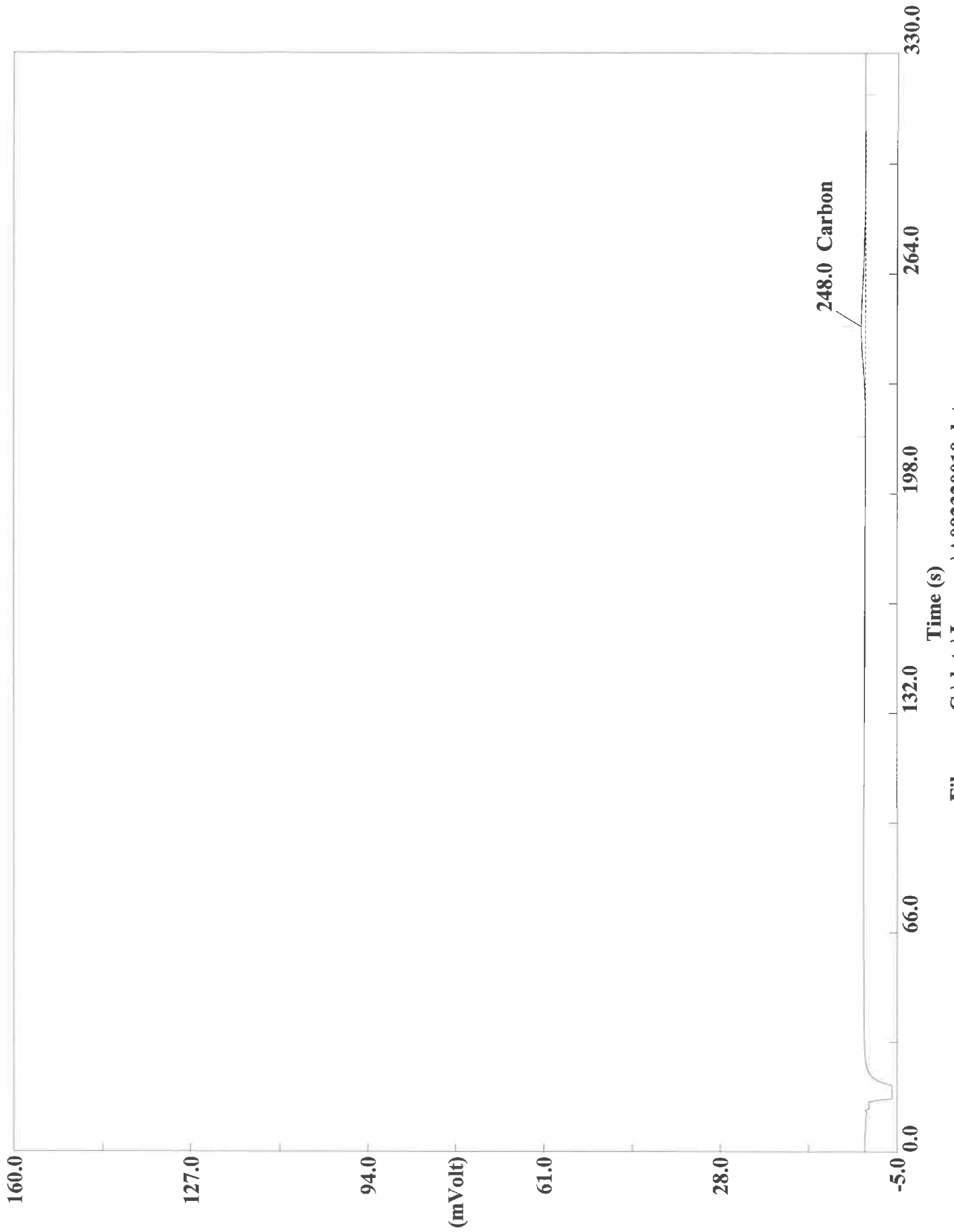
Page: 1 Sample: 1,000 KHP CT#3785365 (A092320009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:23 Printed : 9/23/2020 14:29
Sample ID : 1,000 KHP CT#3785365 (# 4)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0100	251	99423	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320010.dat
Sample name :2,500 KHP CT#3785364 Analysed :09/23/2020 14:29

Eager 300 Report

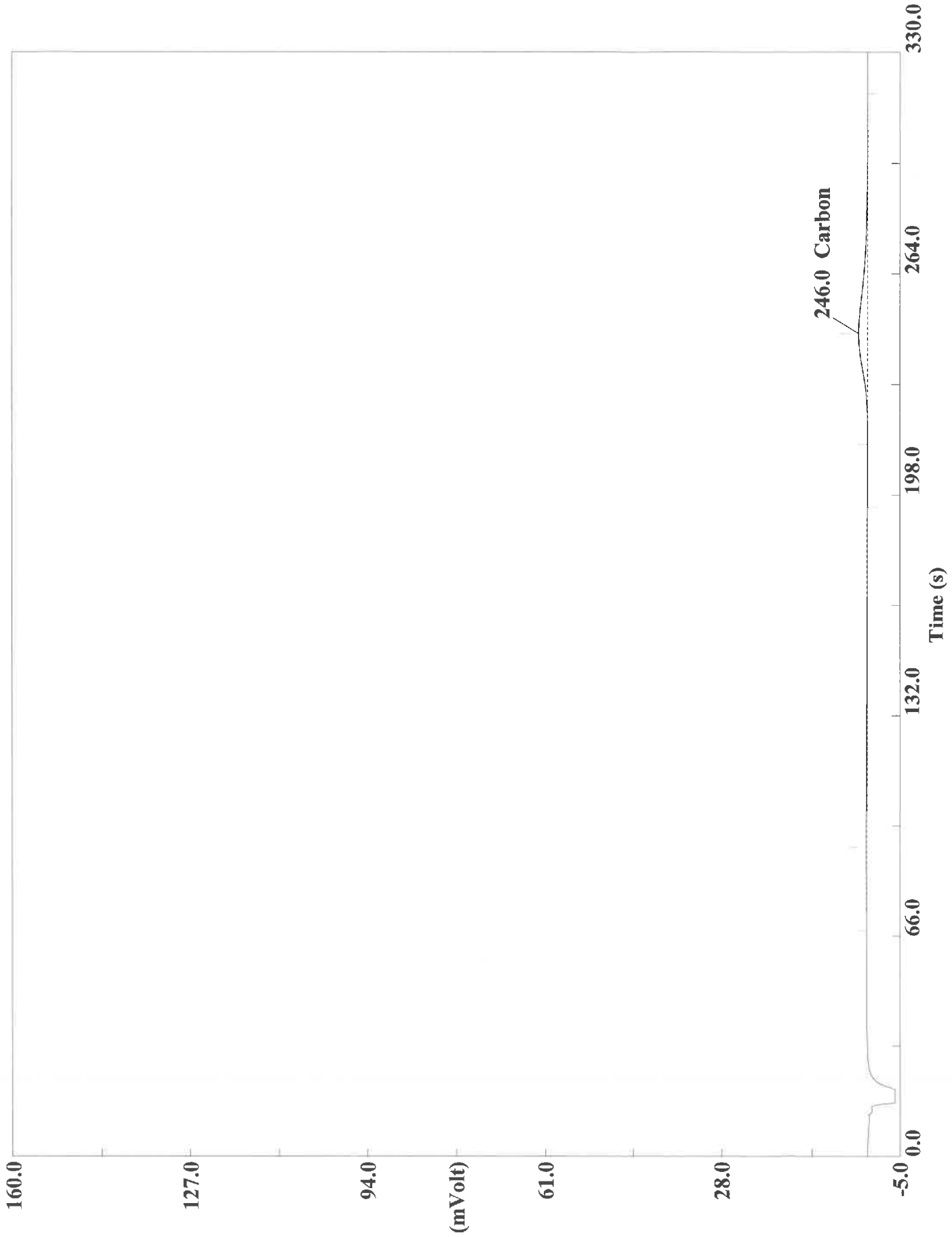
Page: 1 Sample: 2,500 KHP CT#3785364 (A092320010)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320010
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:29 Printed : 9/23/2020 14:34
Sample ID : 2,500 KHP CT#3785364 (# 5)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	248	247009	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320011.dat
Sample name :5,000 KHP CT#3785364 Analysed :09/23/2020 14:34

Eager 300 Report

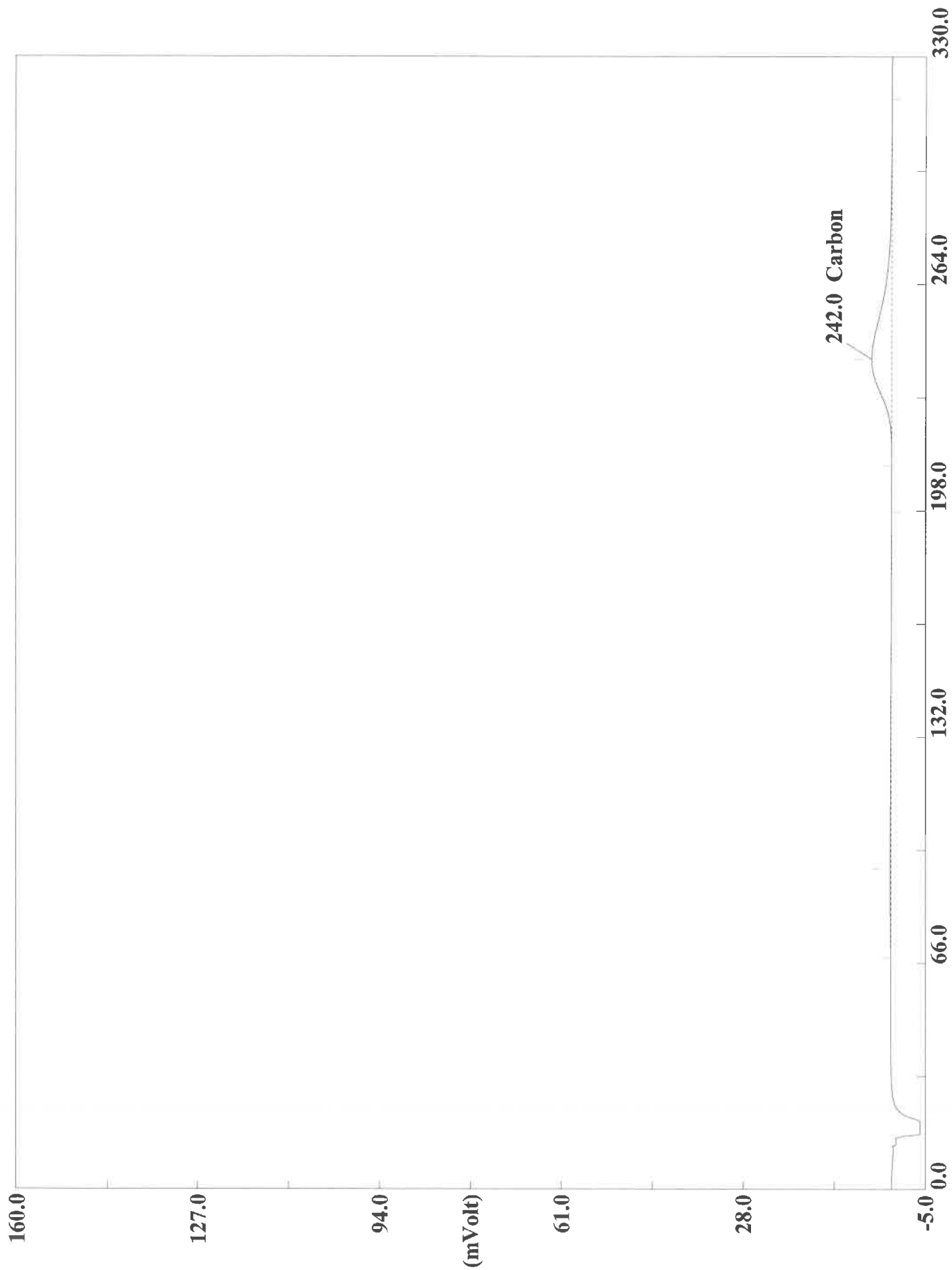
Page: 1 Sample: 5,000 KHP CT#3785364 (A092320011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:34 Printed : 9/23/2020 14:40
Sample ID : 5,000 KHP CT#3785364 (# 6)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	246	499611	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320012.dat
Sample name : 10,000 KHP CT#3785364 Analysed : 09/23/2020 14:40

Eager 300 Report

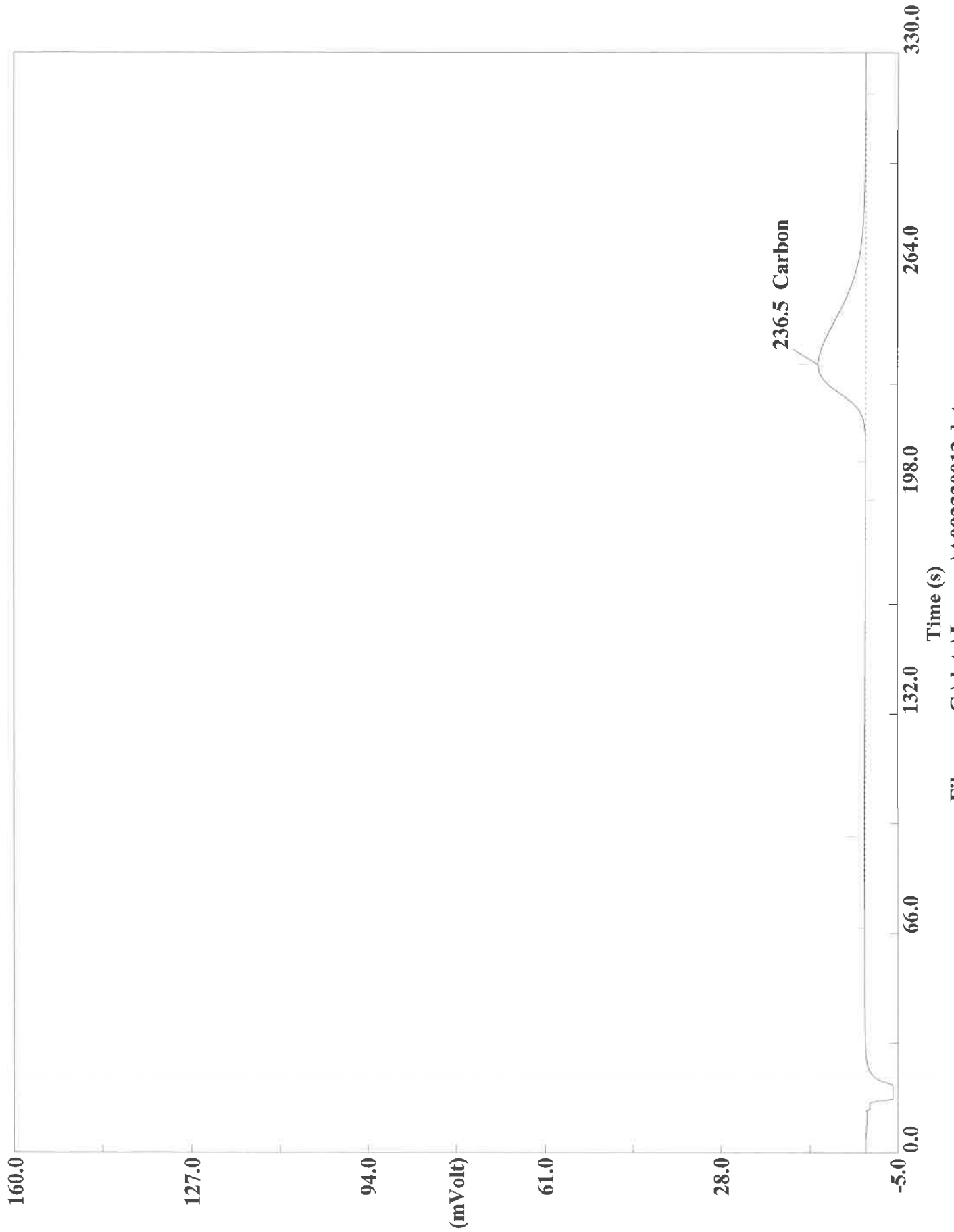
Page: 1 Sample: 10,000 KHP CT#3785364 (A092320012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:40 Printed : 9/23/2020 14:46
Sample ID : 10,000 KHP CT#3785364 (# 7)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	242	1048607	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320013.dat
Sample name :25,000 KHP CT#3785363 Analysed :09/23/2020 14:46

Eager 300 Report

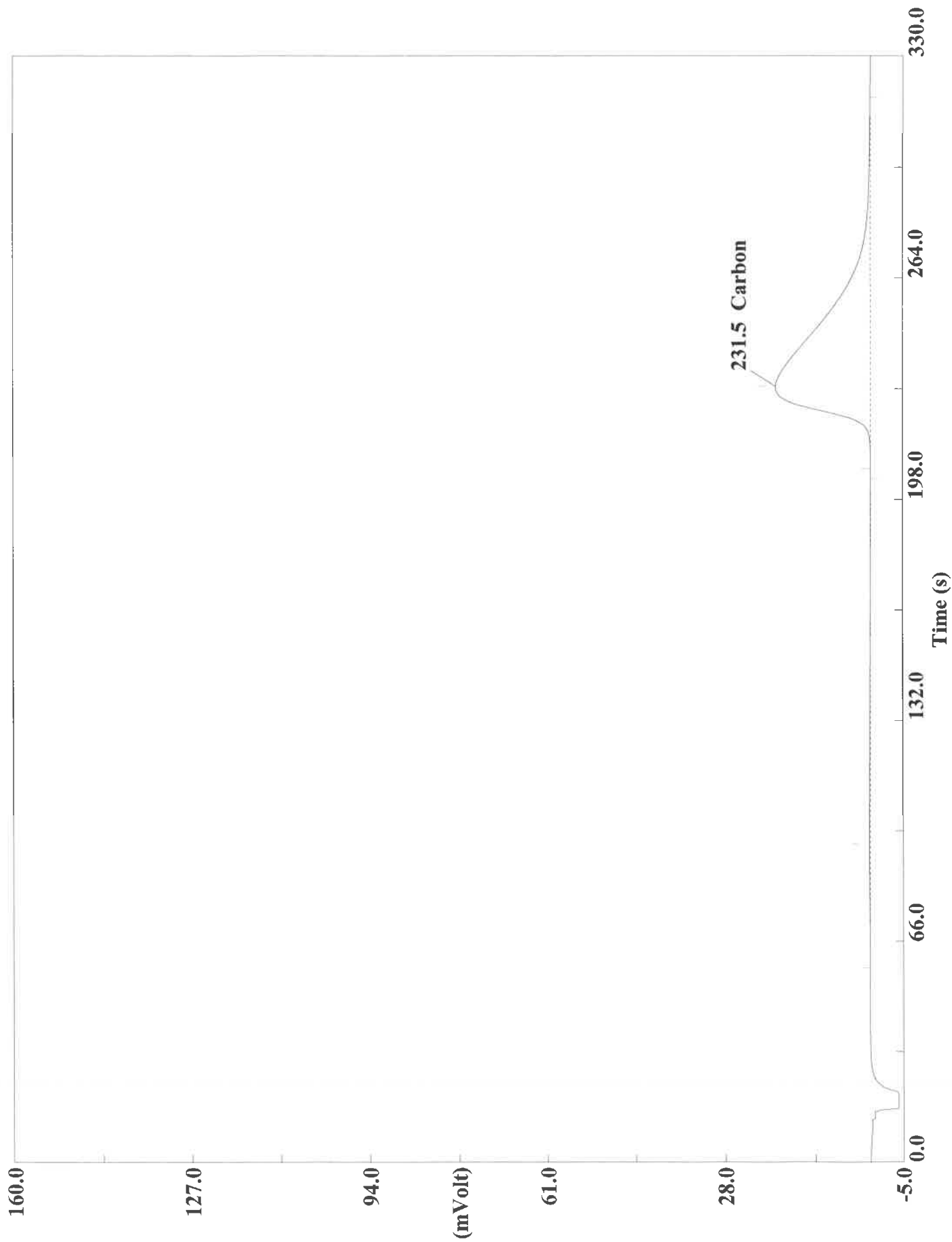
Page: 1 Sample: 25,000 KHP CT#3785363 (A092320013)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320013
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:46 Printed : 9/23/2020 14:51
Sample ID : 25,000 KHP CT#3785363 (# 8)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	237	2561375	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320014.dat

Sample name :50,000 KHP CT#3785363 Analysed :09/23/2020 14:51

Eager 300 Report

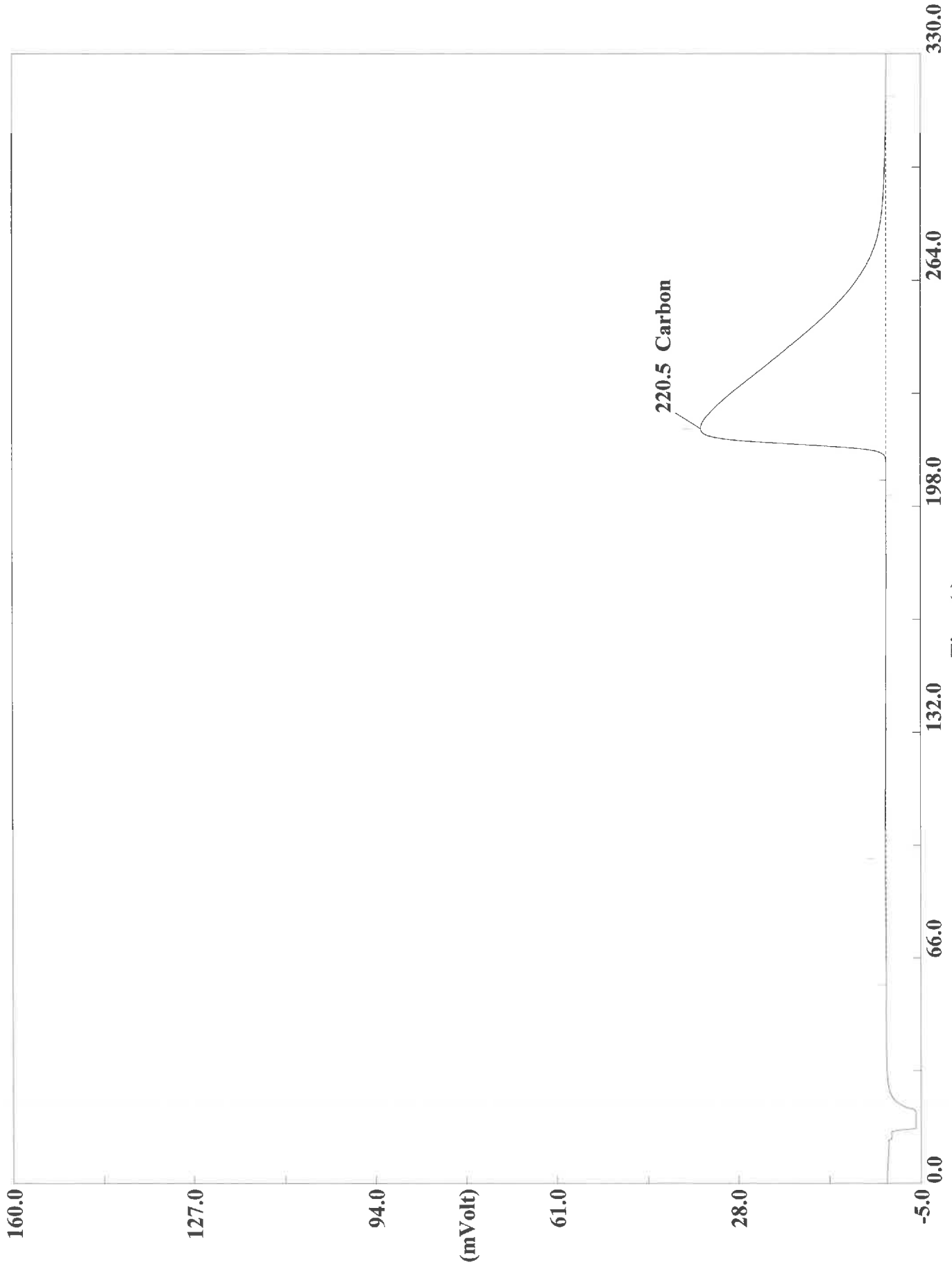
Page: 1 Sample: 50,000 KHP CT#3785363 (A092320014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:51 Printed : 9/23/2020 14:57
Sample ID : 50,000 KHP CT#3785363 (# 9)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	232	5128187	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320015.dat
Sample name : 100,000 KHP CT#3785363 Analysed : 09/23/2020 14:57

Eager 300 Report

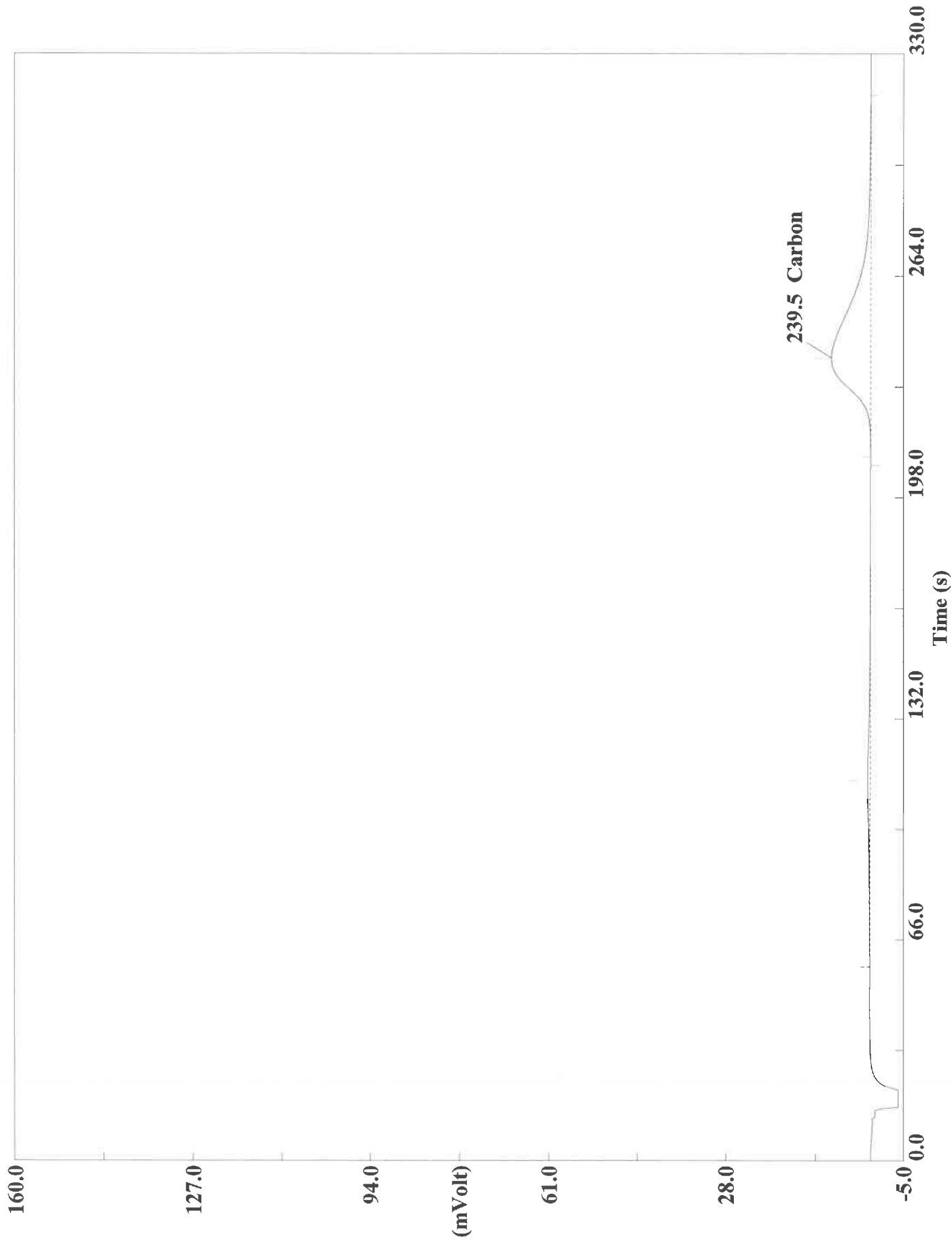
Page: 1 Sample: 100,000 KHP CT#3785363 (A092320015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:57 Printed : 9/23/2020 15:03
Sample ID : 100,000 KHP CT#3785363 (# 10)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	221	10456420	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320016.dat
Sample name :ICV 37,810 KHP CT#3742673 Analysed :09/23/2020 15:03

Eager 300 Report

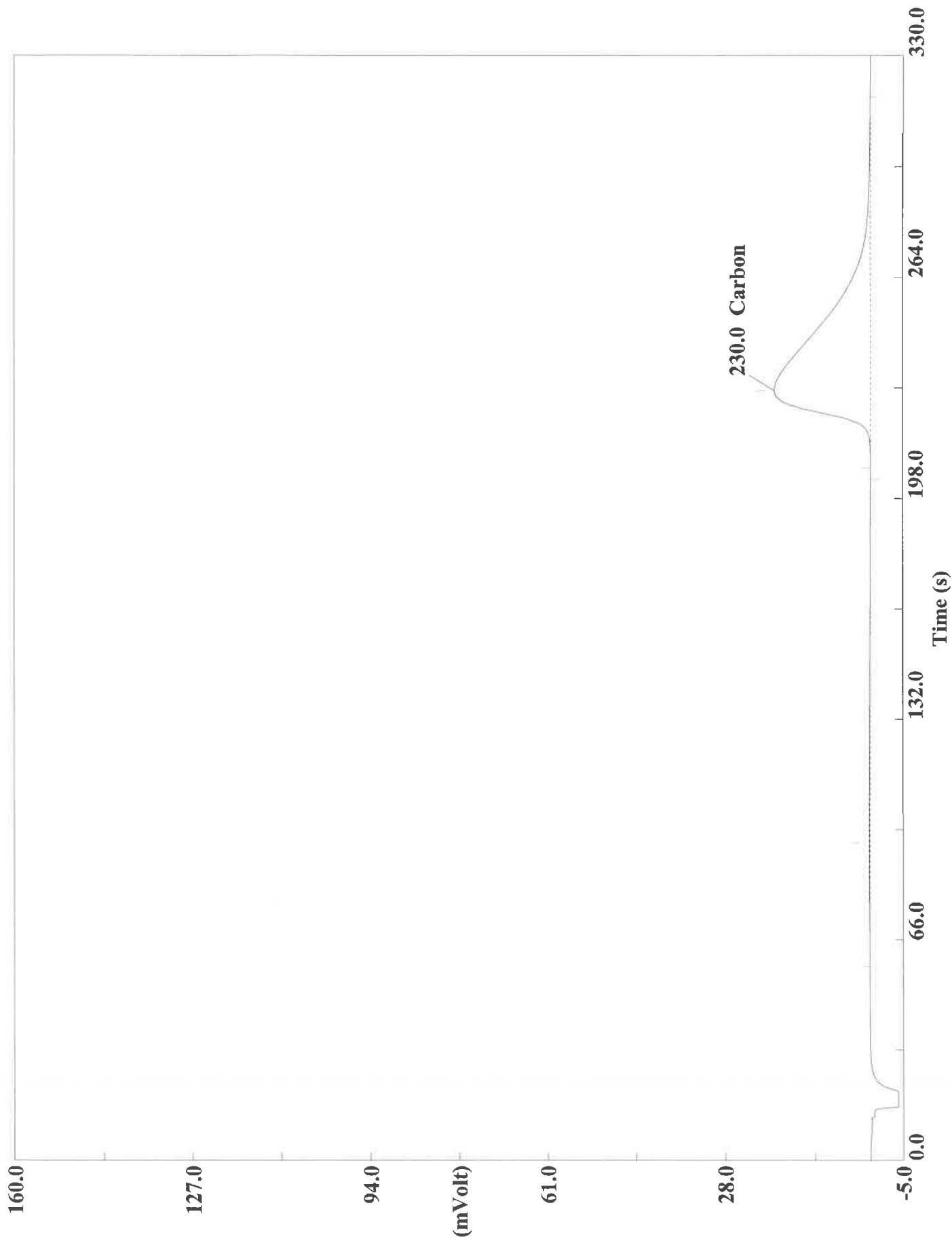
Page: 1 Sample: ICV 37,810 KHP CT#3742673 (A092320016)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320016
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:03 Printed : 9/23/2020 15:08
Sample ID : ICV 37,810 KHP CT#3742673 (# 11)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4865	240	2087987	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320017.dat
Sample name :CCV Analysed :09/23/2020 15:08

Eager 300 Report

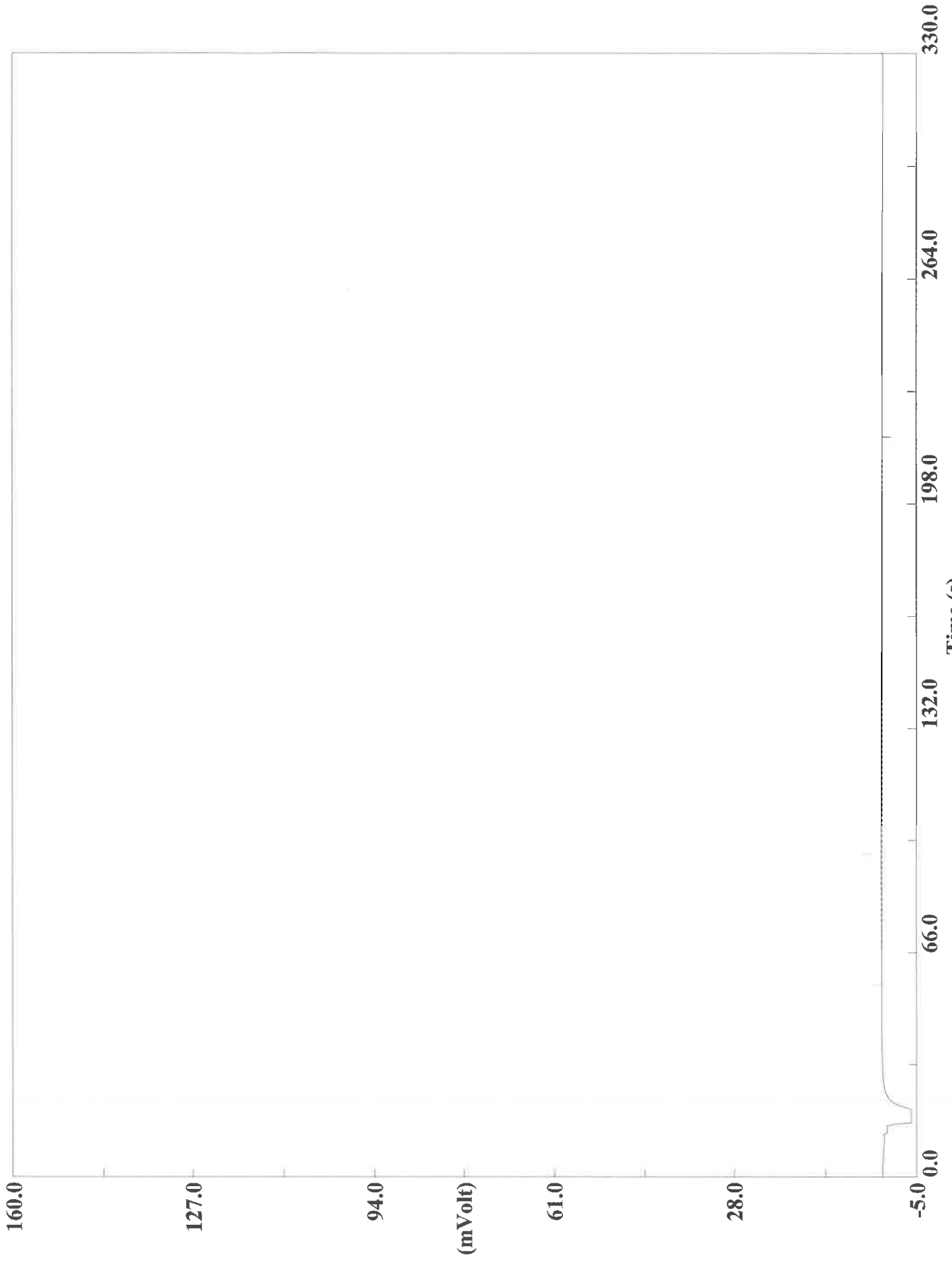
Page: 1 Sample: CCV (A092320017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:08 Printed : 9/23/2020 15:14
Sample ID : CCV (# 12)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9923	230	5157272	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320018.dat
Sample name :CCB Analysed :09/23/2020 15:14

Eager 300 Report

Page: 1 Sample: CCB (A092320018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:14 Printed : 9/23/2020 15:20
Sample ID : CCB (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\100220A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 10/2/20 BATCH 332233

#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A100220001	Unk	1	0
13	CCV	A100220002	Unk	100	0
14	CCB	A100220003	Unk	20	0
15	MB	A100220004	Unk	22.6	0
16	MB	A100220005	Unk	27.4	0
17	LCS	A100220006	Unk	10.5	0
18	LCS	A100220007	Unk	9.3	0
19	180-111269-C-7	A100220008	Unk	13.6	0
20	180-111269-C-7	A100220009	Unk	14.7	0
21	Rinse	A100220010	Unk	1	0
22	180-111269-A-8	A100220011	Unk	24.3	0
23	180-111269-A-8	A100220012	Unk	21.9	0
24	Rinse	A100220013	Unk	1	0
25	180-111269-A-9	A100220014	Unk	16.6	0
26	180-111269-A-9	A100220015	Unk	15.1	0
27	Rinse	A100220016	Unk	1	0
28	180-111269-A-10	A100220017	Unk	13.5	0
29	180-111269-A-10	A100220018	Unk	15.5	0
30	Rinse	A100220019	Unk	1	0
31	180-111269-A-11	A100220020	Unk	13.2	0
32	180-111269-A-11	A100220021	Unk	13.6	0
33	Rinse	A100220022	Unk	1	0
34	CCV	A100220023	Unk	100	0
35	CCB	A100220024	Unk	20	0
36	180-111269-A-12	A100220025	Unk	16.3	0
37	180-111269-A-12	A100220026	Unk	15.1	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A100220027	Unk	1	0
39	180-111269-A-12MS	A100220028	Unk	15.4	0
40	180-111269-A-12MS	A100220029	Unk	13.5	0
41	Rinse	A100220030	Unk	1	0
42	180-111269-A-12MSD	A100220031	Unk	16	0
43	180-111269-A-12MSD	A100220032	Unk	16	0
44	Rinse	A100220033	Unk	1	0
45	180-111269-A-13	A100220034	Unk	20.7	0
46	180-111269-A-13	A100220035	Unk	20.1	0
47	Rinse	A100220036	Unk	1	0
48	180-111287-A-85	A100220037	Unk	16.3	0
49	180-111287-A-85	A100220038	Unk	21.4	0
50	Rinse	A100220039	Unk	1	0
51	180-111287-A-86	A100220040	Unk	18.1	0
52	180-111287-A-86	A100220041	Unk	23.4	0
53	Rinse	A100220042	Unk	1	0
54	CCV	A100220043	Unk	100	0
55	CCB	A100220044	Unk	20	0
56	180-111287-A-87	A100220045	Unk	20.4	0
57	180-111287-A-87	A100220046	Unk	19.5	0
58	Rinse	A100220047	Unk	1	0
59	180-111287-A-88	A100220048	Unk	24.7	0
60	180-111287-A-88	A100220049	Unk	24.5	0
61	Rinse	A100220050	Unk	1	0
62	180-111287-A-89	A100220051	Unk	19.5	0
63	180-111287-A-89	A100220052	Unk	22.3	0
64	Rinse	A100220053	Unk	1	0
65	180-111287-A-90	A100220054	Unk	17.6	0
66	180-111287-A-90	A100220055	Unk	23.3	0
67	Rinse	A100220056	Unk	1	0
68	180-111287-A-91	A100220057	Unk	24.2	0
69	180-111287-A-91	A100220058	Unk	21.7	0
70	Rinse	A100220059	Unk	1	0
71	180-111287-A-92	A100220060	Unk	19.1	0
72	180-111287-A-92	A100220061	Unk	16.3	0
73	Rinse	A100220062	Unk	1	0
74	CCV	A100220063	Unk	100	0
75	CCB	A100220064	Unk	20	0
76	180-111287-A-93	A100220065	Unk	22.6	0
77	180-111287-A-93	A100220066	Unk	21.5	0
78	Rinse	A100220067	Unk	1	0
79	180-111287-A-97	A100220068	Unk	21.2	0
80	180-111287-A-97	A100220069	Unk	21.8	0
81	Rinse	A100220070	Unk	1	0
82	180-111287-A-98	A100220071	Unk	19.1	0
83	180-111287-A-98	A100220072	Unk	23.2	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A100220073	Unk	1	0
85	180-111287-A-99	A100220074	Unk	21.6	0
86	180-111287-A-99	A100220075	Unk	18.3	0
87	Rinse	A100220076	Unk	1	0
88	180-111287-A-100	A100220077	Unk	23.1	0
89	180-111287-A-100	A100220078	Unk	25.1	0
90	Rinse	A100220079	Unk	1	0
91	CCV	A100220080	Unk	100	0
92	CCB	A100220081	Unk	20	0
93	MB	A100220082	Unk	25	0
94	MB	A100220083	Unk	22.4	0
95	LCS	A100220084	Unk	9.9	0
96	LCS	A100220085	Unk	9.4	0
97	180-111287-A-101	A100220086	Unk	21.7	0
98	180-111287-A-101	A100220087	Unk	25.2	0
99	Rinse	A100220088	Unk	1	0
100	180-111287-A-101MS	A100220089	Unk	19.7	0
101	180-111287-A-101MS	A100220090	Unk	20.1	0
102	Rinse	A100220091	Unk	1	0
103	180-111287-A-101MSD	A100220092	Unk	19.3	0
104	180-111287-A-101MSD	A100220093	Unk	24.1	0
105	Rinse	A100220094	Unk	1	0
106	180-111287-A-102	A100220095	Unk	20.9	0
107	180-111287-A-102	A100220096	Unk	18.4	0
108	Rinse	A100220097	Unk	1	0
109	180-111287-A-103	A100220098	Unk	23.5	0
110	180-111287-A-103	A100220099	Unk	22.2	0
111	Rinse	A100220100	Unk	1	0
112	CCV	A100220101	Unk	100	0
113	CCB	A100220102	Unk	20	0
114	180-111287-A-104	A100220103	Unk	21.6	0
115	180-111287-A-104	A100220104	Unk	23.5	0
116	Rinse	A100220105	Unk	1	0
117	180-111287-A-105	A100220106	Unk	23.7	0
118	180-111287-A-105	A100220107	Unk	20.8	0
119	Rinse	A100220108	Unk	1	0
120	180-111287-A-106	A100220109	Unk	21.3	0
121	180-111287-A-106	A100220110	Unk	20.5	0
122	Rinse	A100220111	Unk	1	0
123	180-111287-A-107	A100220112	Unk	21.7	0
124	180-111287-A-107	A100220113	Unk	19.9	0
125	Rinse	A100220114	Unk	1	0
126	180-111287-A-108	A100220115	Unk	24.2	0
127	180-111287-A-108	A100220116	Unk	23.8	0
128	Rinse	A100220117	Unk	1	0
129	180-111287-A-110	A100220118	Unk	19.4	0

#	Sample name	Filename	Type	Weight	Hum. %
130	180-111287-A-110	A100220119	Unk	18.6	0
131	Rinse	A100220120	Unk	1	0
132	CCV	A100220121	Unk	100	0
133	CCB	A100220122	Unk	20	0
134	180-111287-A-112	A100220123	Unk	20.6	0
135	180-111287-A-112	A100220124	Unk	20.1	0
136	Rinse	A100220125	Unk	1	0
137	180-111287-A-113	A100220126	Unk	19.4	0
138	180-111287-A-113	A100220127	Unk	22.4	0
139	Rinse	A100220128	Unk	1	0
140	180-111287-A-114	A100220129	Unk	21.7	0
141	180-111287-A-114	A100220130	Unk	19.5	0
142	Rinse	A100220131	Unk	1	0
143	180-111287-A-115	A100220132	Unk	25.1	0
144	180-111287-A-115	A100220133	Unk	27.6	0
145	Rinse	A100220134	Unk	1	0
146	180-111287-A-116	A100220135	Unk	21.3	0
147	180-111287-A-116	A100220136	Unk	22.6	0
148	Rinse	A100220137	Unk	1	0
149	CCV	A100220138	Unk	100	0
150	CCB	A100220139	Unk	20	0

Analyst: *Don Ferguson*

Date: *10/2/20*

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	22.6	
	MB	27.4	25.0
	LCS	10.5	
	LCS	9.3	9.9
180-111269-12	111269-12	16.3	
	-12	15.1	15.7
	111269-12MS	15.4 + 8.2	
	-12MS	13.5 + 10.8	14.45 + 9.5
	111269-12MSD	16.0 + 8.6	
	-12MSD	16.0 + 8.2	16.0 + 8.4
180-111287-101	111287-101	21.7	
	-101	25.2	23.45
	111287-101MS	19.7 + 7.9	
	-101MS	20.1 + 11.1	19.9 + 9.5
	111287-101MSD	19.3 + 8.0	
	-101MSD	24.1 + 9.5	21.7 + 8.75
	MB	25.0	
	MB	22.4	23.7
	LCS	9.9	
	LCS	9.4	9.65

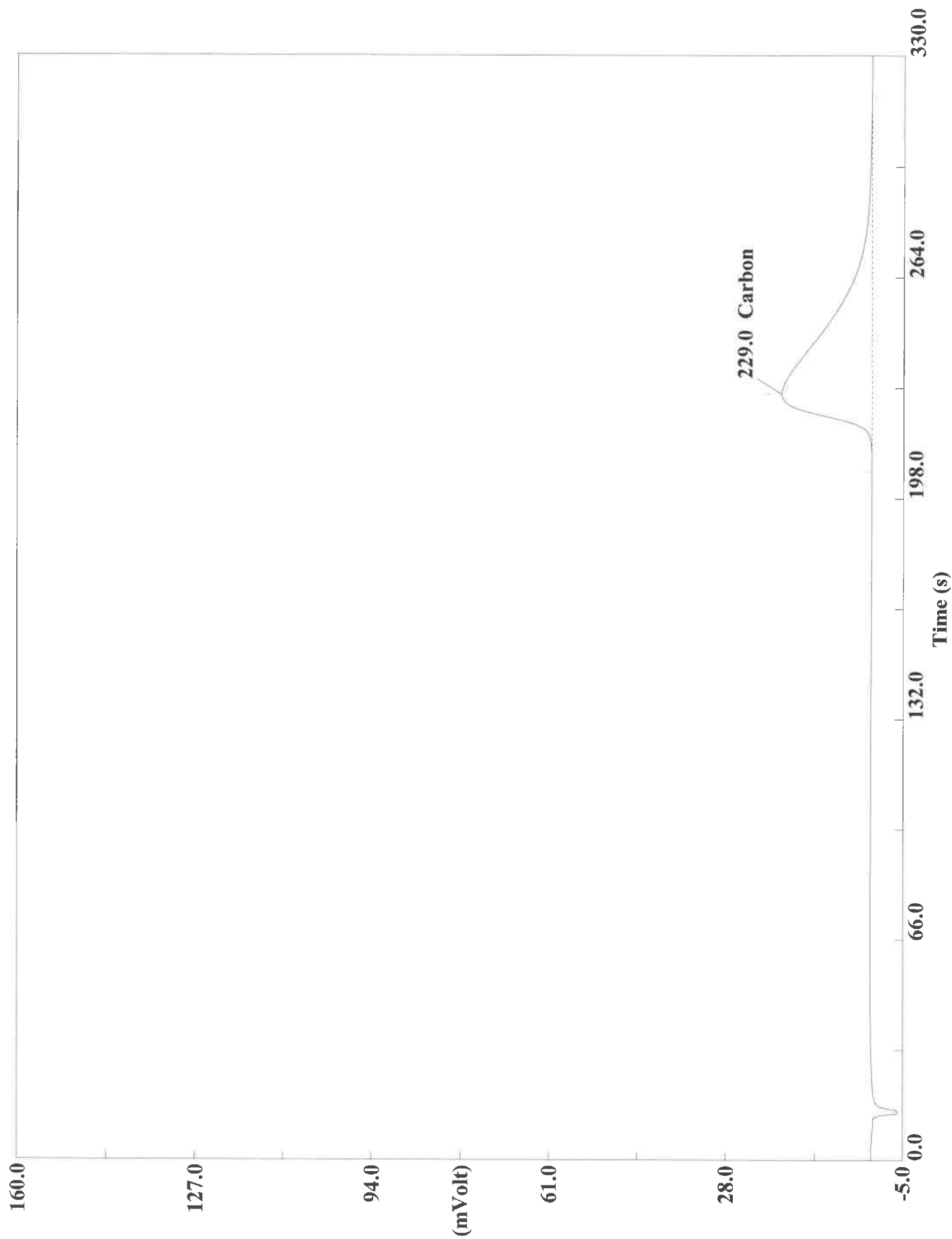
Lloyd Kahn %RPD Replicate Calculation Spreadsheet

BATCH 332233

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0		
	MB	0	0.000	#DIV/0!
	LCS	3.65716338		
	LCS	3.17151213	3.414	14.22
	180-111269-C-7	4.96276569		
	180-111269-C-7	4.54959154	4.756	8.69
	180-111269-A-8	2.57861233		
	180-111269-A-8	1.54433477	2.061	50.17
	180-111269-A-9	5.24055052		
	180-111269-A-9	4.96456385	5.103	5.41
	180-111269-A-10	3.6913662		
	180-111269-A-10	4.14531755	3.918	11.59
	180-111269-A-11	4.12402534		
	180-111269-A-11	3.75667858	3.940	9.32
	180-111269-A-12	3.80954242		
	180-111269-A-12	3.70935607	3.759	2.66
	180-111269-A-12MS	6.21228456		
	180-111269-A-12MS	7.36452341	6.788	16.97
	180-111269-A-12MSD	5.66844988		
	180-111269-A-12MSD	5.54763985	5.608	2.15
	180-111269-A-13	3.40708089		
	180-111269-A-13	2.73636675	3.072	21.84
	180-111287-A-85	1.36523652		
	180-111287-A-85	1.18019032	1.273	14.54
	180-111287-A-86	1.21941328		
	180-111287-A-86	1.42734492	1.323	15.71
	180-111287-A-87	1.47190666		
	180-111287-A-87	1.70030844	1.586	14.40
	180-111287-A-88	1.58210993		
	180-111287-A-88	1.55803871	1.570	1.53
	180-111287-A-89	1.51811969		
	180-111287-A-89	1.92115641	1.720	23.44
	180-111287-A-90	1.70362878		
	180-111287-A-90	1.41558874	1.560	18.47
	180-111287-A-91	1.25078583		
	180-111287-A-91	1.12818873	1.189	10.31
	180-111287-A-92	1.18630981		
	180-111287-A-92	1.36633921	1.276	14.11
	180-111287-A-93	1.52212751		
	180-111287-A-93	1.69101286	1.607	10.51
	180-111287-A-97	1.17626822		
	180-111287-A-97	1.16390491	1.170	1.06
	180-111287-A-98	1.27844942		
	180-111287-A-98	1.31796253	1.298	3.04
	180-111287-A-99	2.22345161		
	180-111287-A-99	1.2766397	1.750	54.10
	180-111287-A-100	1.13612485		
	180-111287-A-100	1.3382349	1.237	16.34
	MB	0		
	MB	0	0.000	#DIV/0!

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220002.DAT
Sample name :CCV Analysed :10/02/2020 12:42

Eager 300 Report

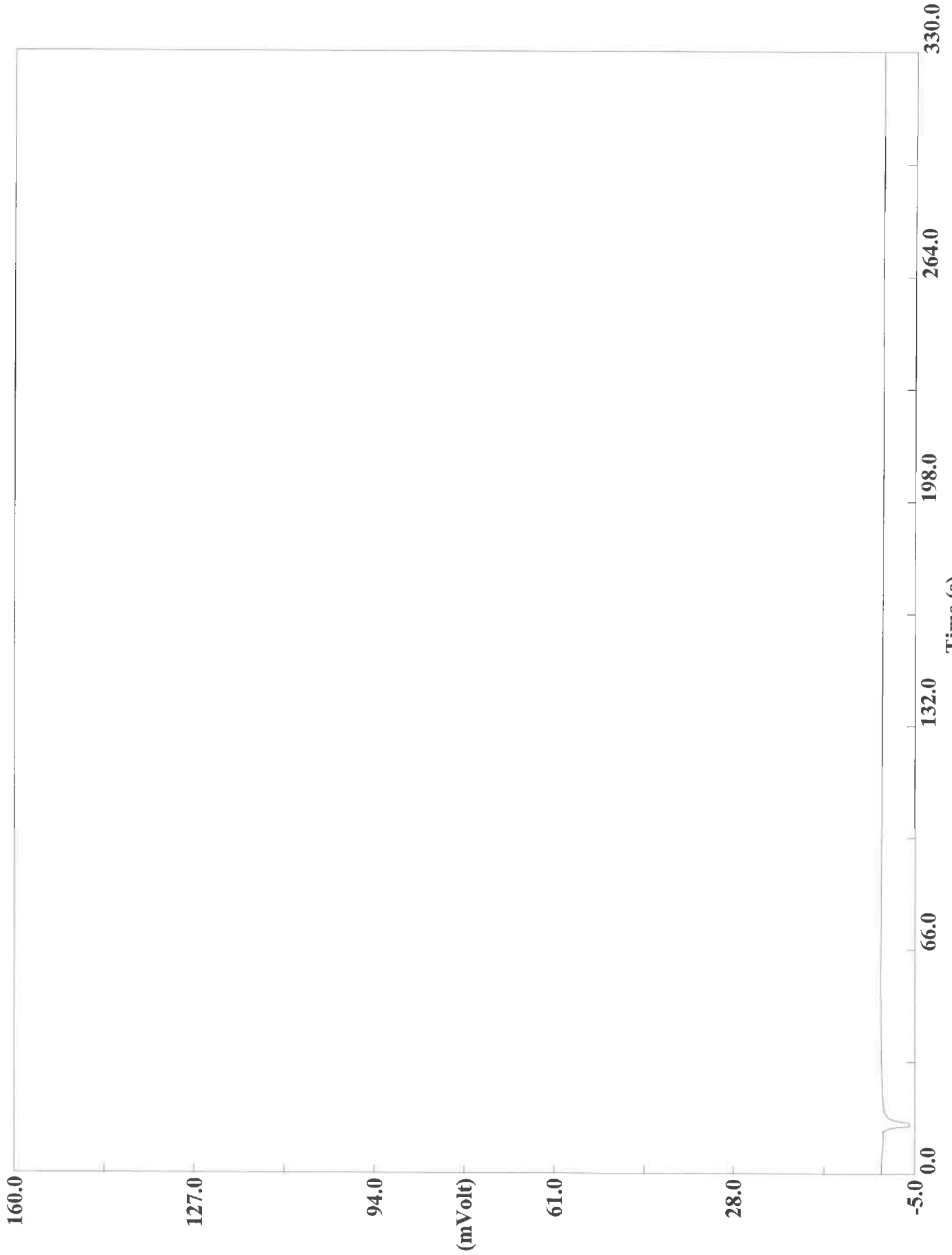
Page: 1 Sample: CCV (A100220002)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 12:42 Printed : 10/4/2020 07:23
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9644	229	5011520	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220003.DAT
Sample name :CCB Analysed :10/02/2020 12:47

Eager 300 Report

Page: 1 Sample: CCB (A100220003)

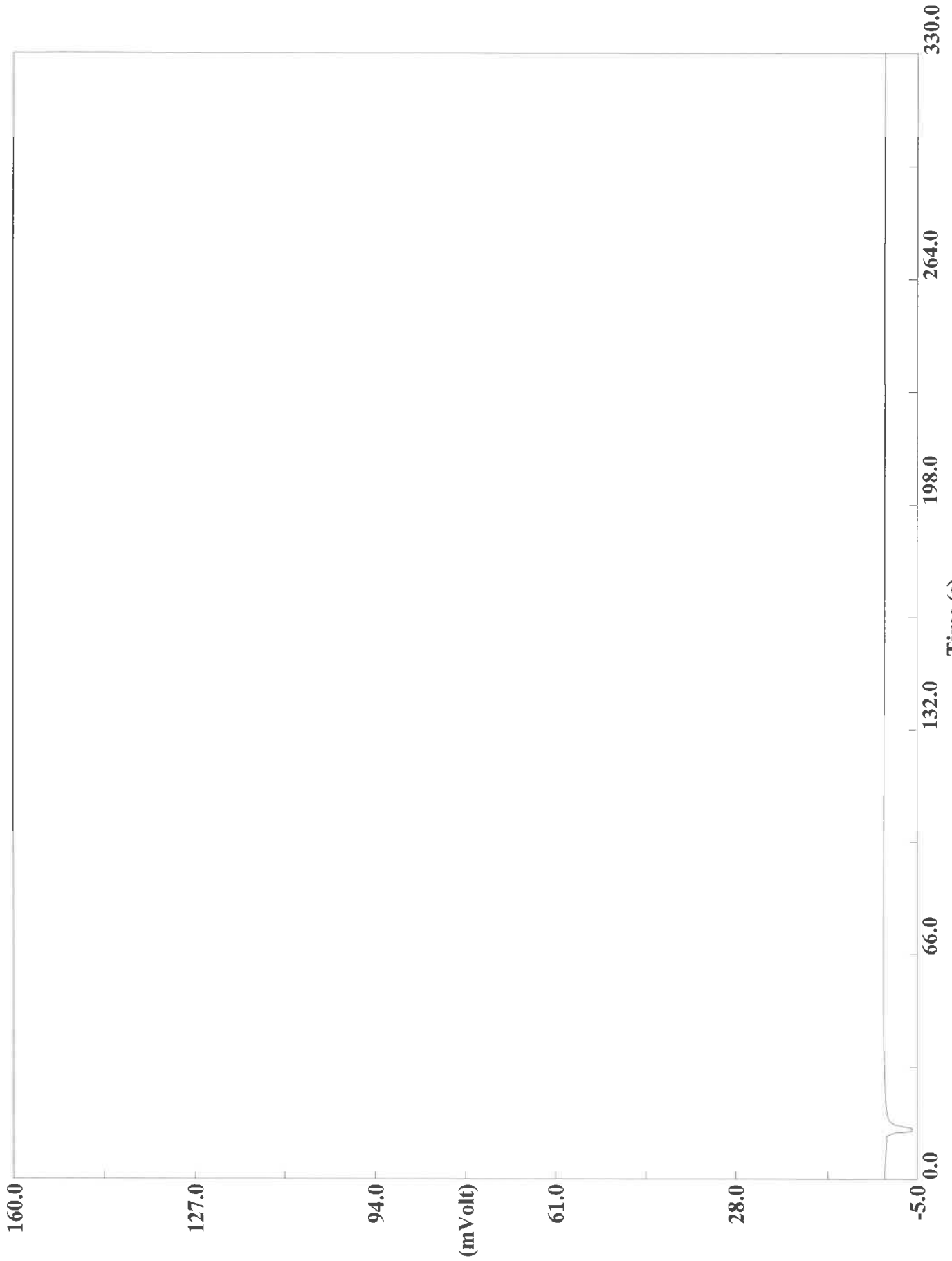
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 12:47 Printed : 10/4/2020 07:23
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220004.DAT
Sample name :MB Analysed :10/02/2020 12:53

Eager 300 Report

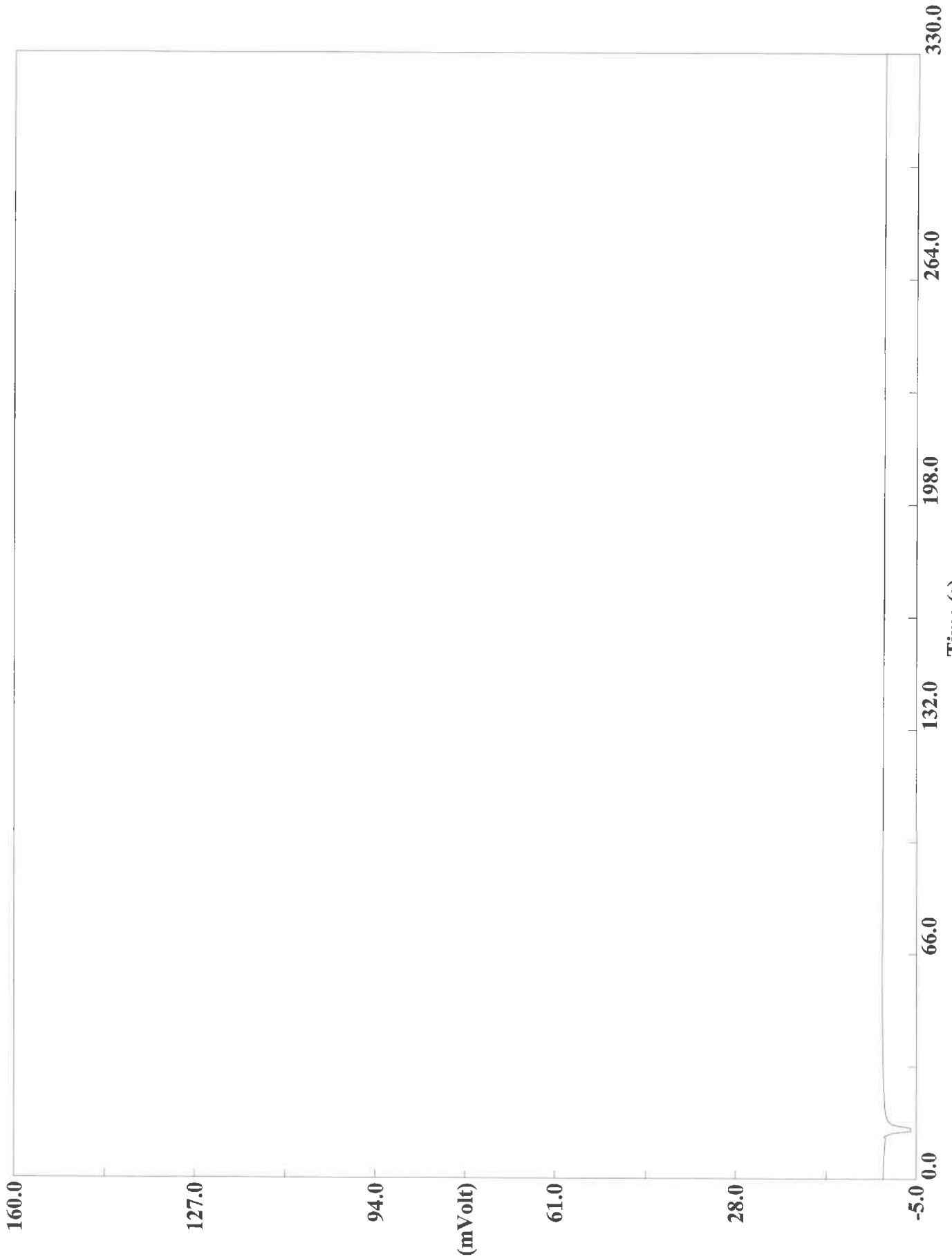
Page: 1 Sample: MB (A100220004)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 12:53 Printed : 10/4/2020 07:23
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220005.DAT
Sample name :MB Analysed :10/02/2020 12:59

Eager 300 Report

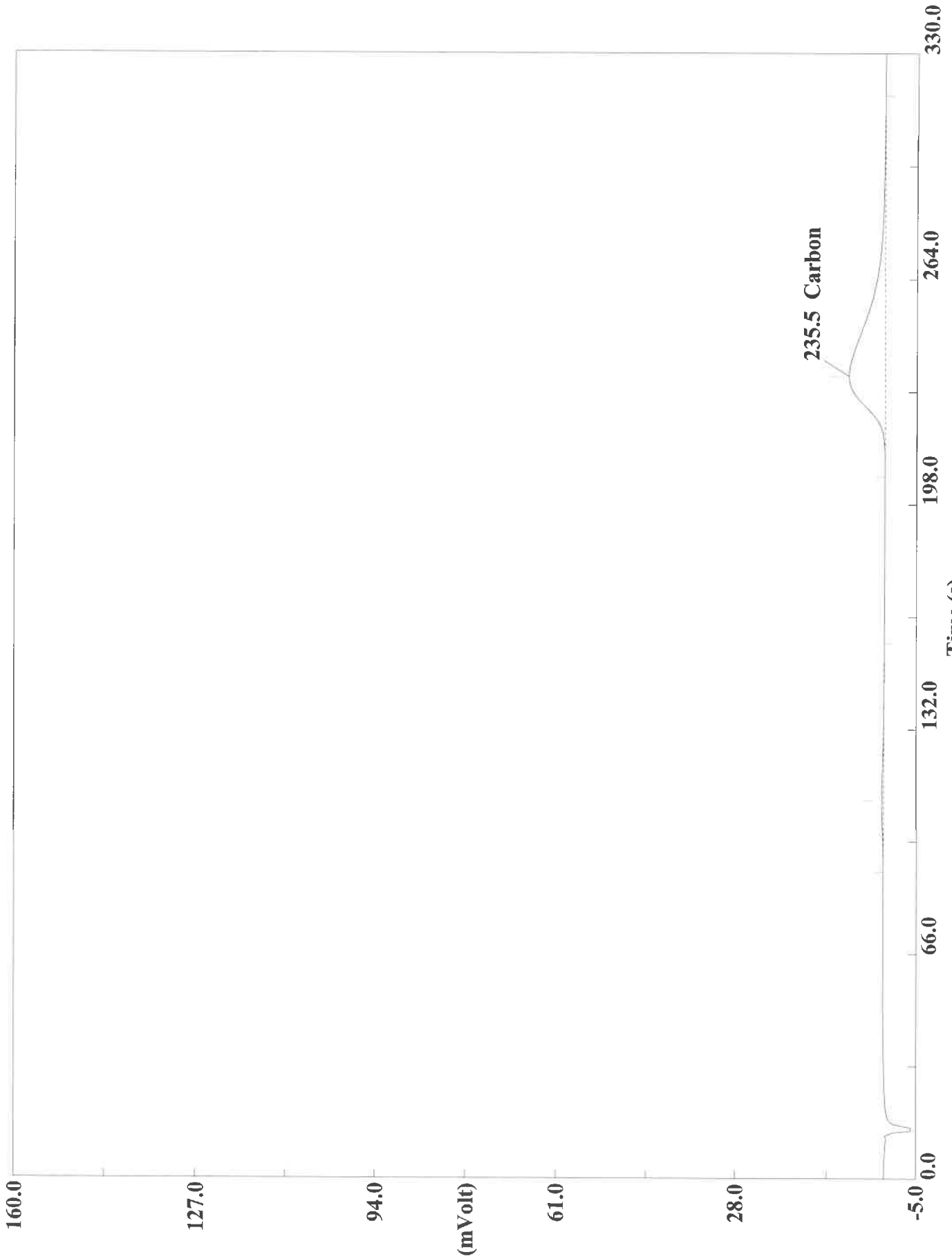
Page: 1 Sample: MB (A100220005)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 12:59 Printed : 10/4/2020 07:23
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220006.DAT
Sample name :LCS Analysed :10/02/2020 13:04

Eager 300 Report

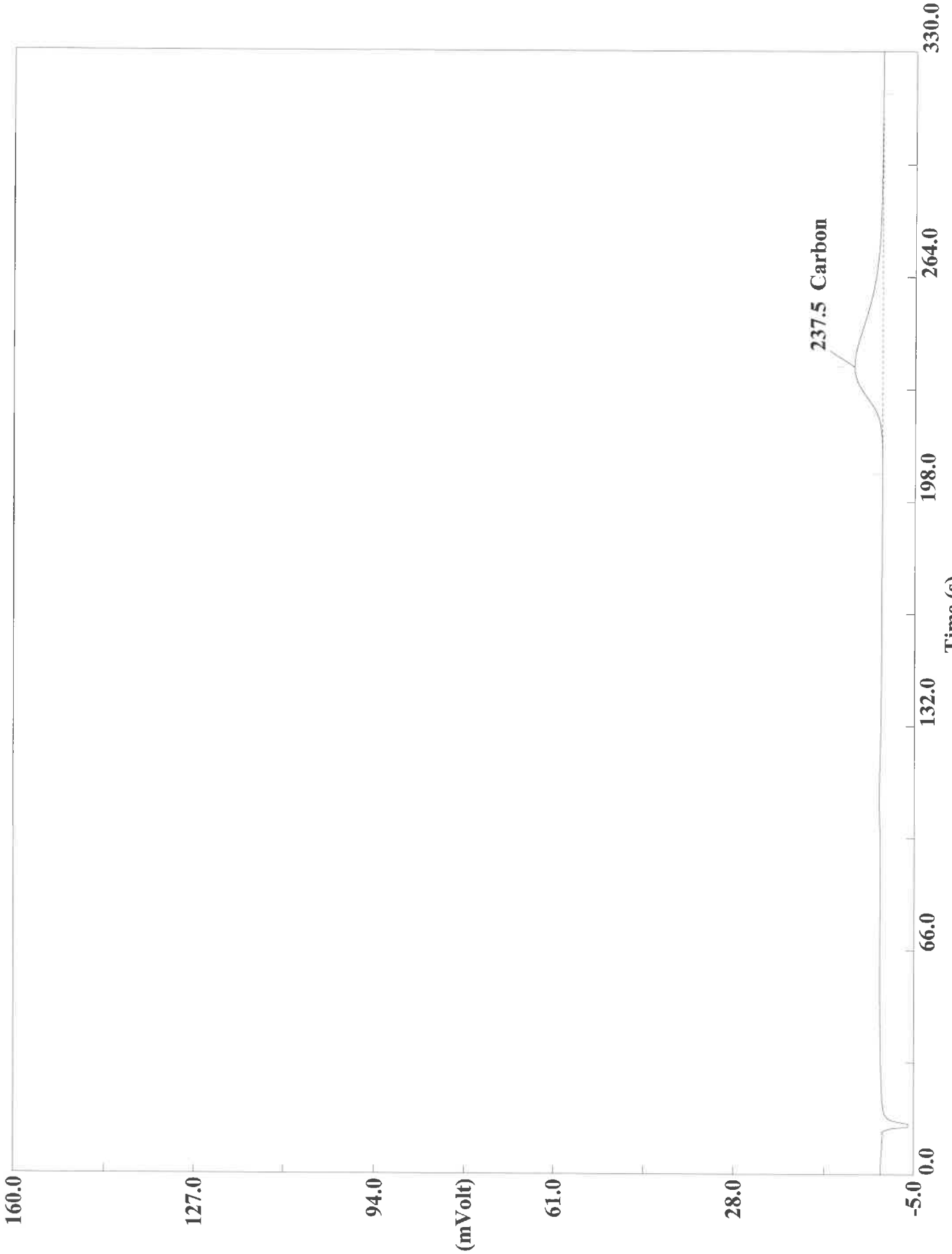
Page: 1 Sample: LCS (A100220006)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:04 Printed : 10/4/2020 07:23
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6572	236	1981339	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220007.DAT

Sample name : LCS Analysed : 10/02/2020 13:10

Eager 300 Report

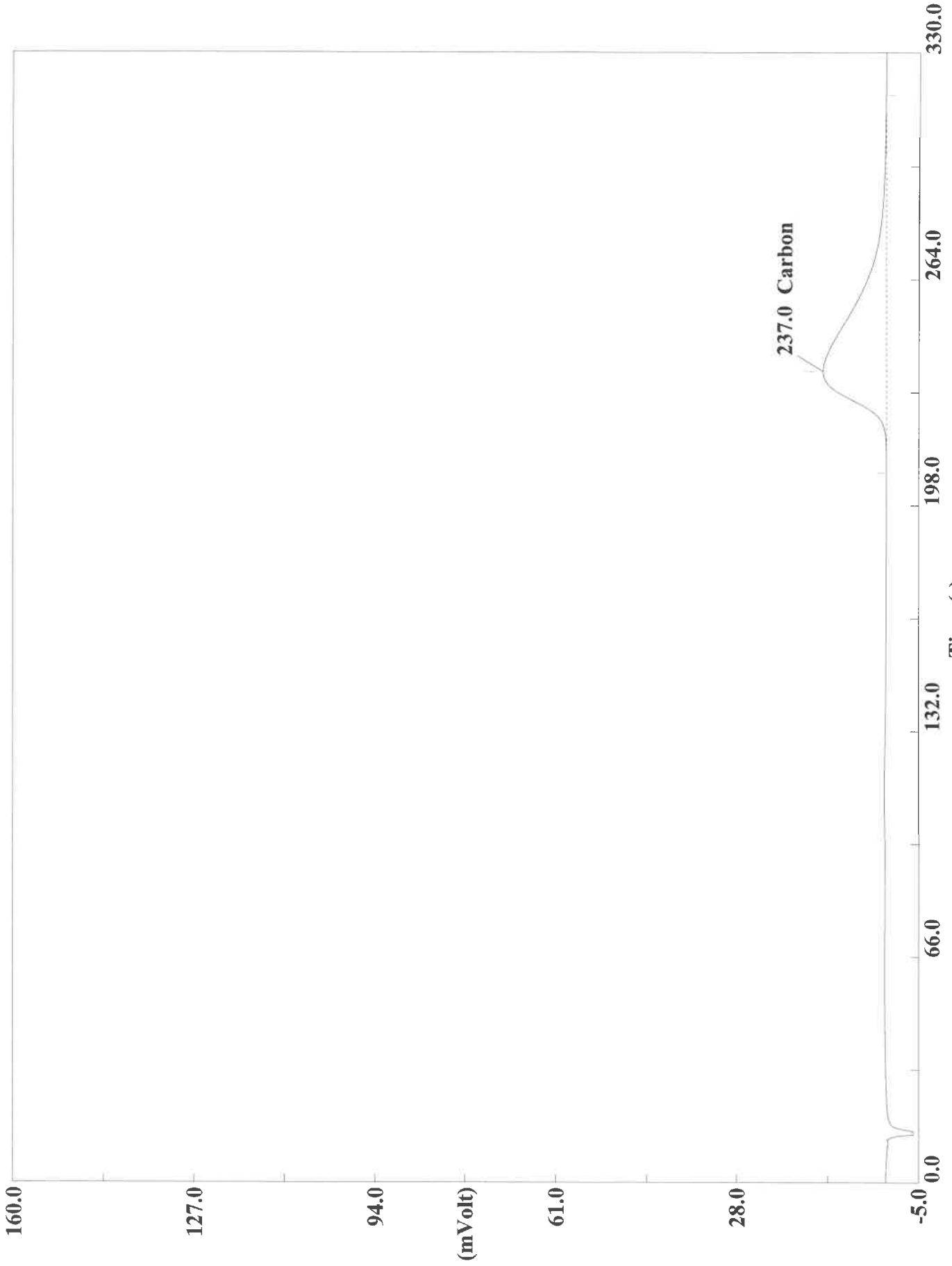
Page: 1 Sample: LCS (A100220007)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:10 Printed : 10/4/2020 07:23
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.1715	238	1516392	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220008.DAT
Sample name :180-111269-C-7 Analysed :10/02/2020 13:15

Eager 300 Report

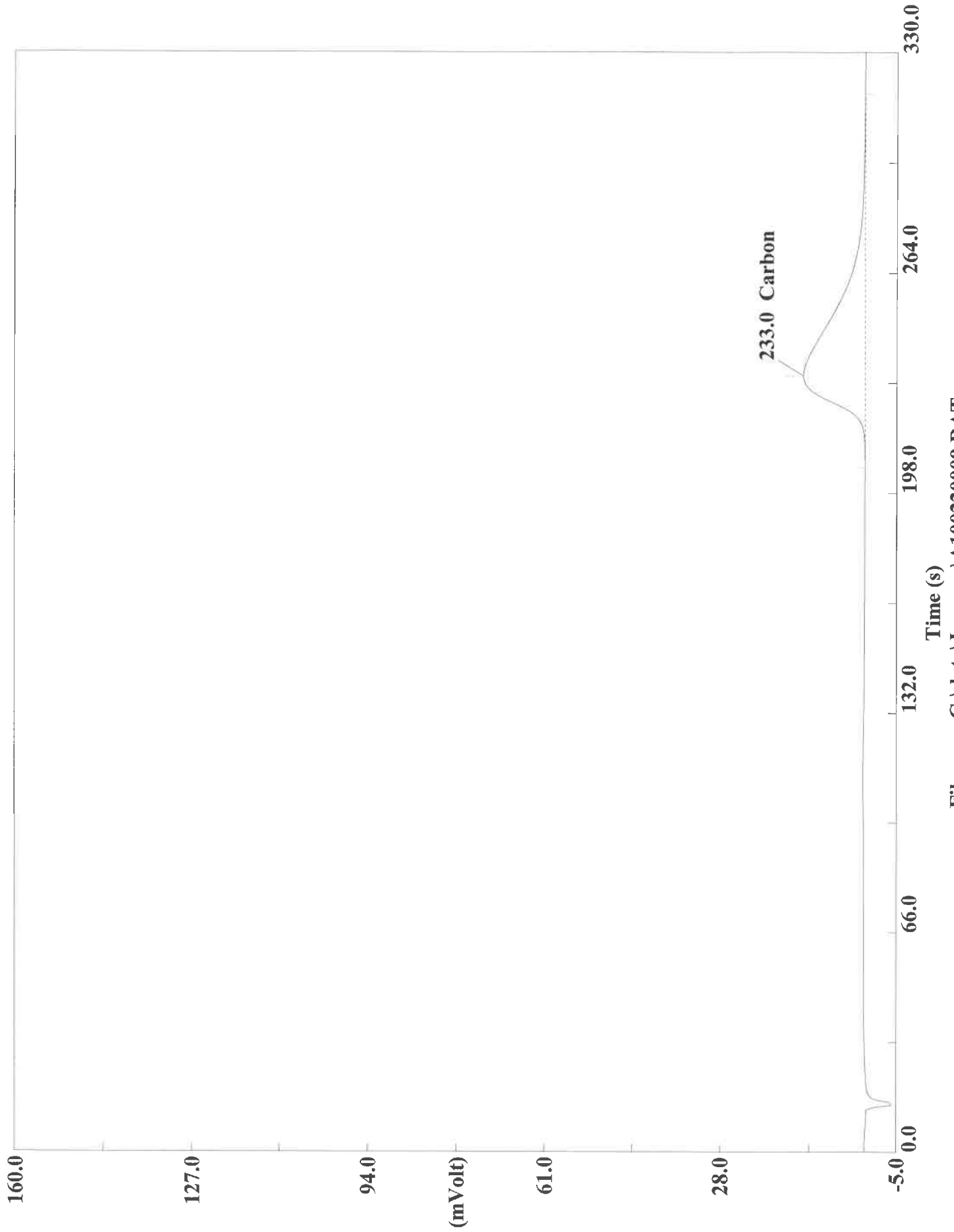
Page: 1 Sample: 180-111269-C-7 (A100220008)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:15 Printed : 10/4/2020 07:23
Sample ID : 180-111269-C-7 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.9628	237	3500335	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220009.DAT

Sample name :180-111269-C-7 Analysed :10/02/2020 13:21

Eager 300 Report

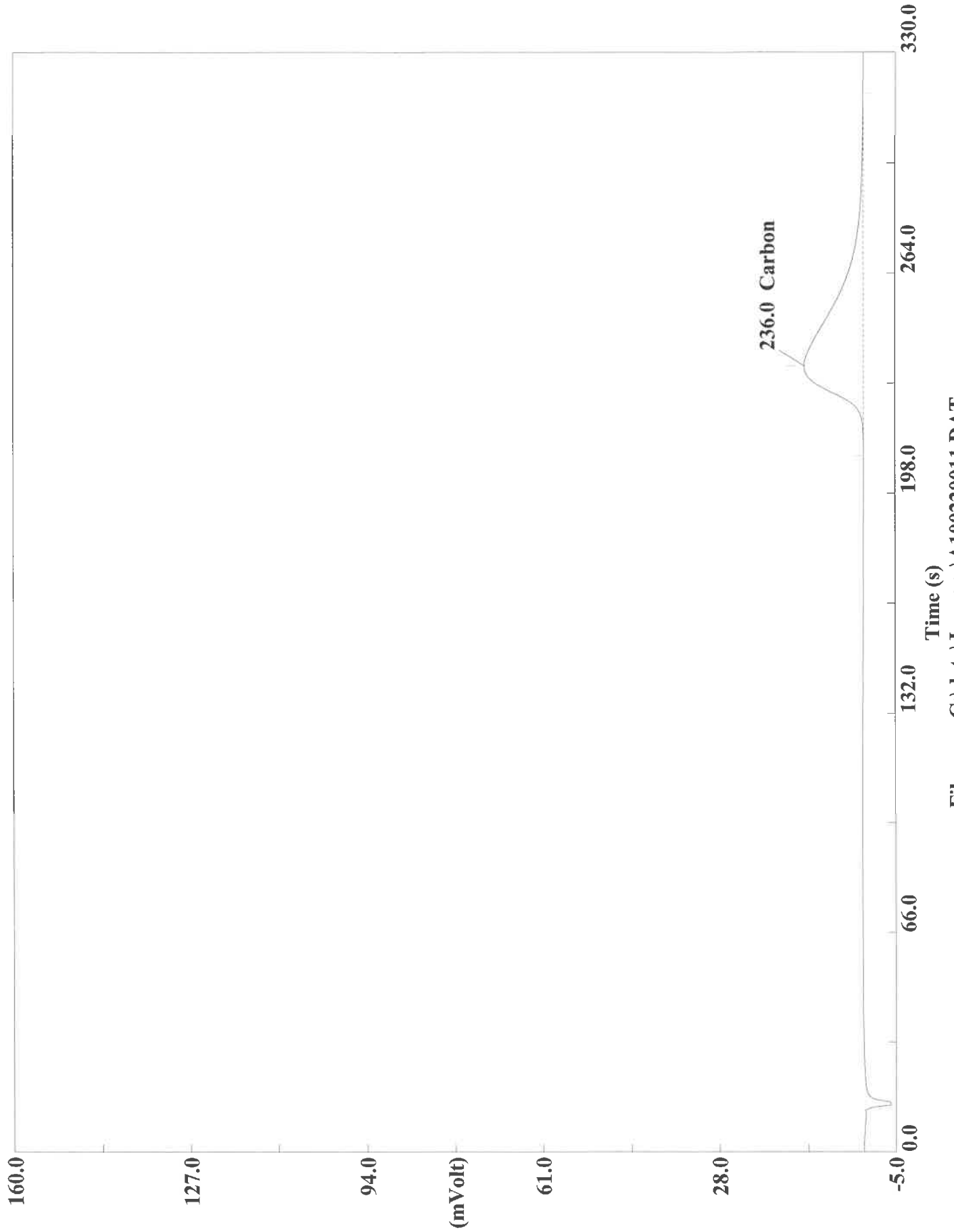
Page: 1 Sample: 180-111269-C-7 (A100220009)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:21 Printed : 10/4/2020 07:23
Sample ID : 180-111269-C-7 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 14.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5496	233	3468245	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220011.DAT

Sample name : 180-111269-A-8 Analysed : 10/02/2020 13:32

Eager 300 Report

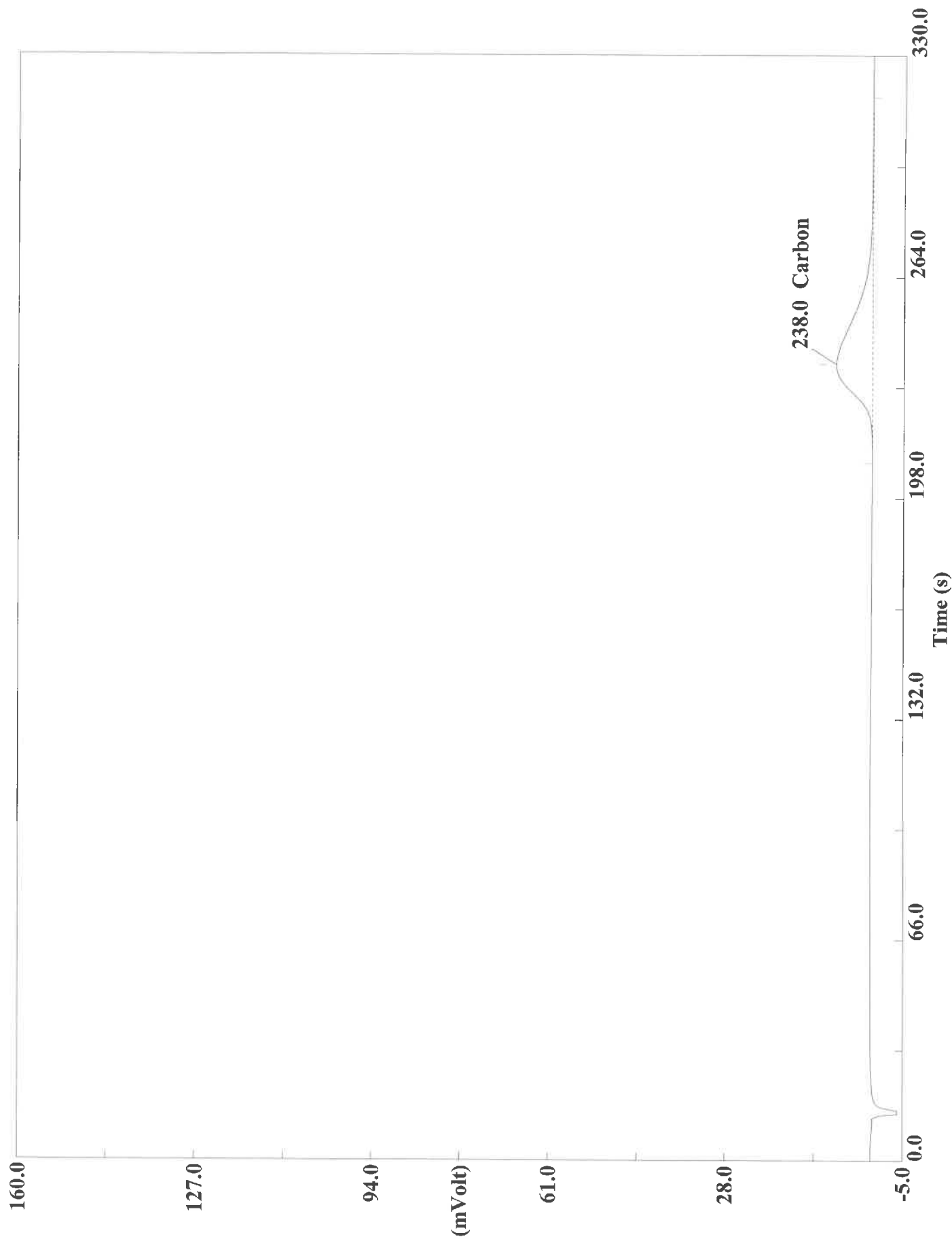
Page: 1 Sample: 180-111269-A-8 (A100220011)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:32 Printed : 10/4/2020 07:23
Sample ID : 180-111269-A-8 (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5786	236	3247982	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220012.DAT

Sample name :180-111269-A-8 Analysed :10/02/2020 13:38

Eager 300 Report

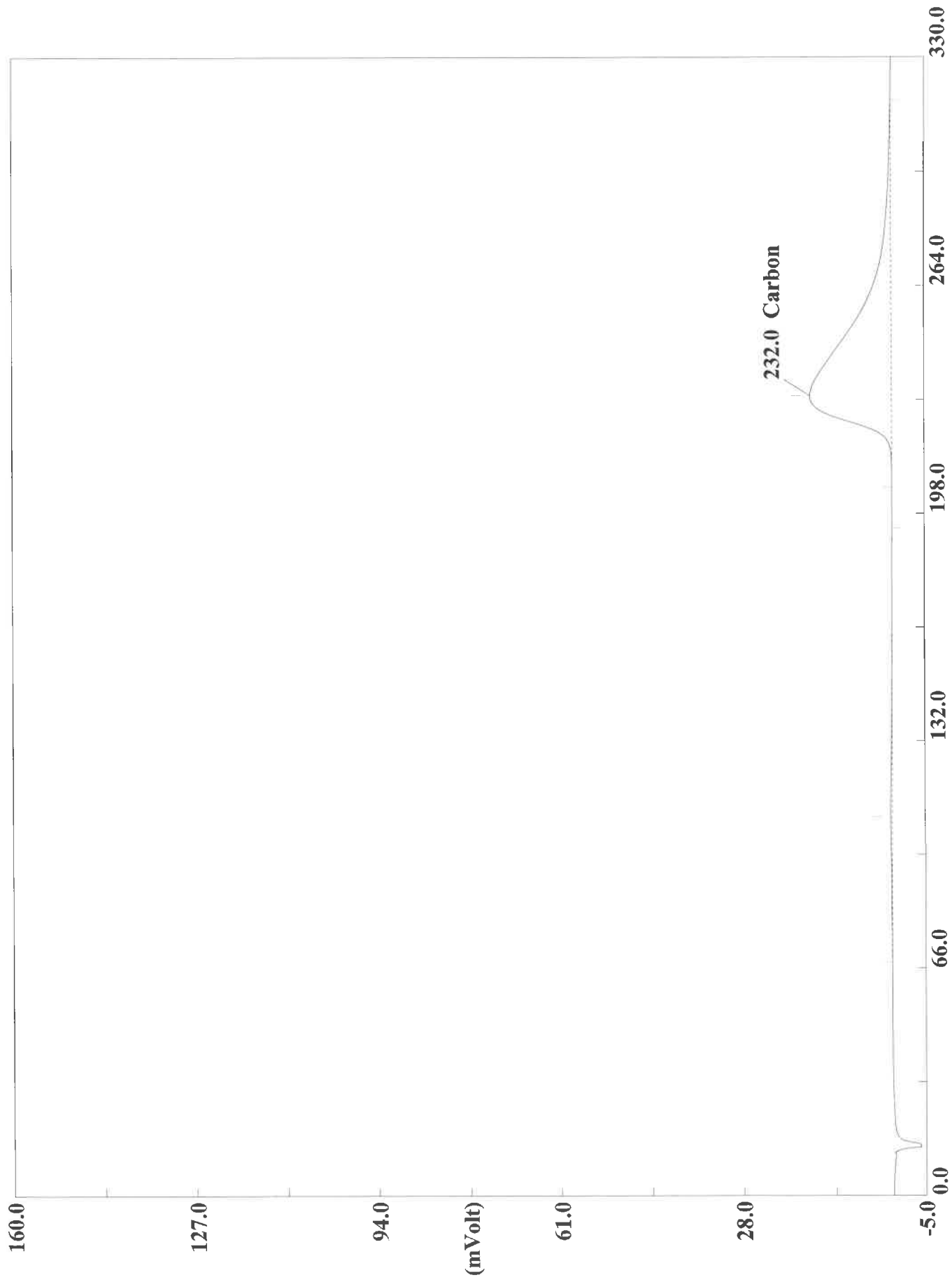
Page: 1 Sample: 180-111269-A-8 (A100220012)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:38 Printed : 10/4/2020 07:23
Sample ID : 180-111269-A-8 (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5443	238	1742250	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220014.DAT
Sample name :180-111269-A-9 Analysed :10/02/2020 13:49

Eager 300 Report

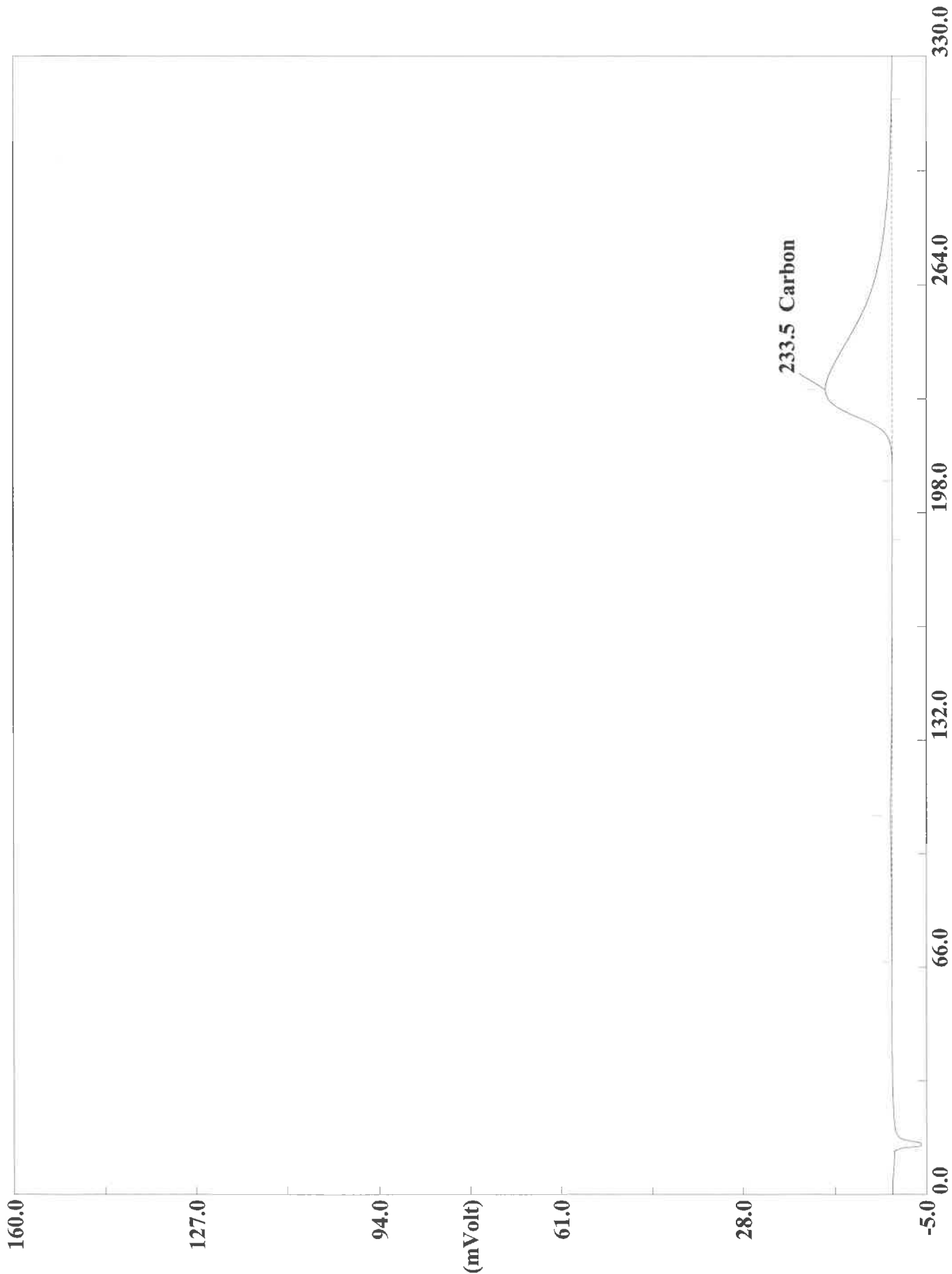
Page: 1 Sample: 180-111269-A-9 (A100220014)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:49 Printed : 10/4/2020 07:23
Sample ID : 180-111269-A-9 (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.2406	232	4518425	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220015.DAT
Sample name : 180-111269-A-9 Analysed : 10/02/2020 13:55

Eager 300 Report

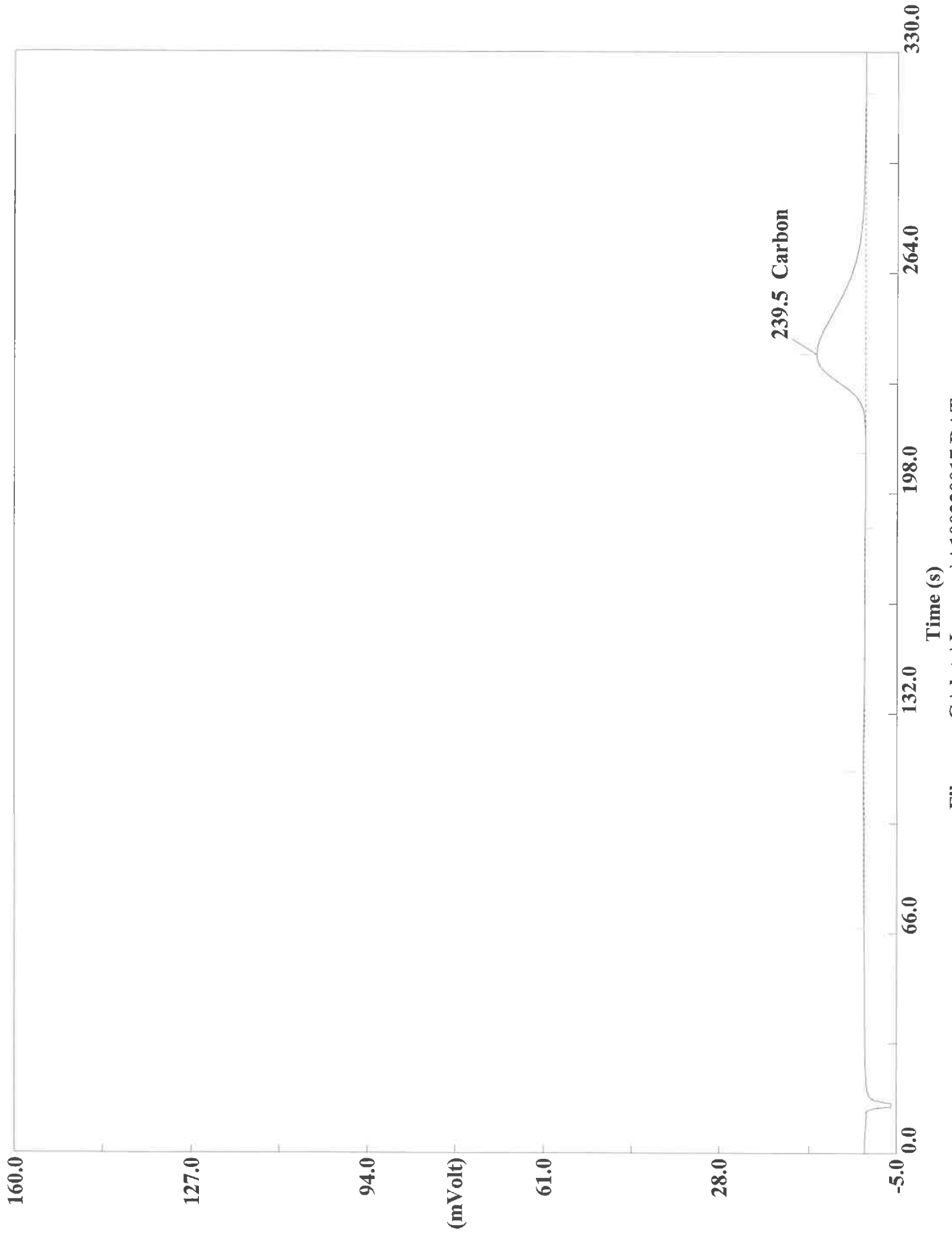
Page: 1 Sample: 180-111269-A-9 (A100220015)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 13:55 Printed : 10/4/2020 07:23
Sample ID : 180-111269-A-9 (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 15.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.9646	234	3890419	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220017.DAT
Sample name :180-111269-A-10 Analysed :10/02/2020 14:06

Eager 300 Report

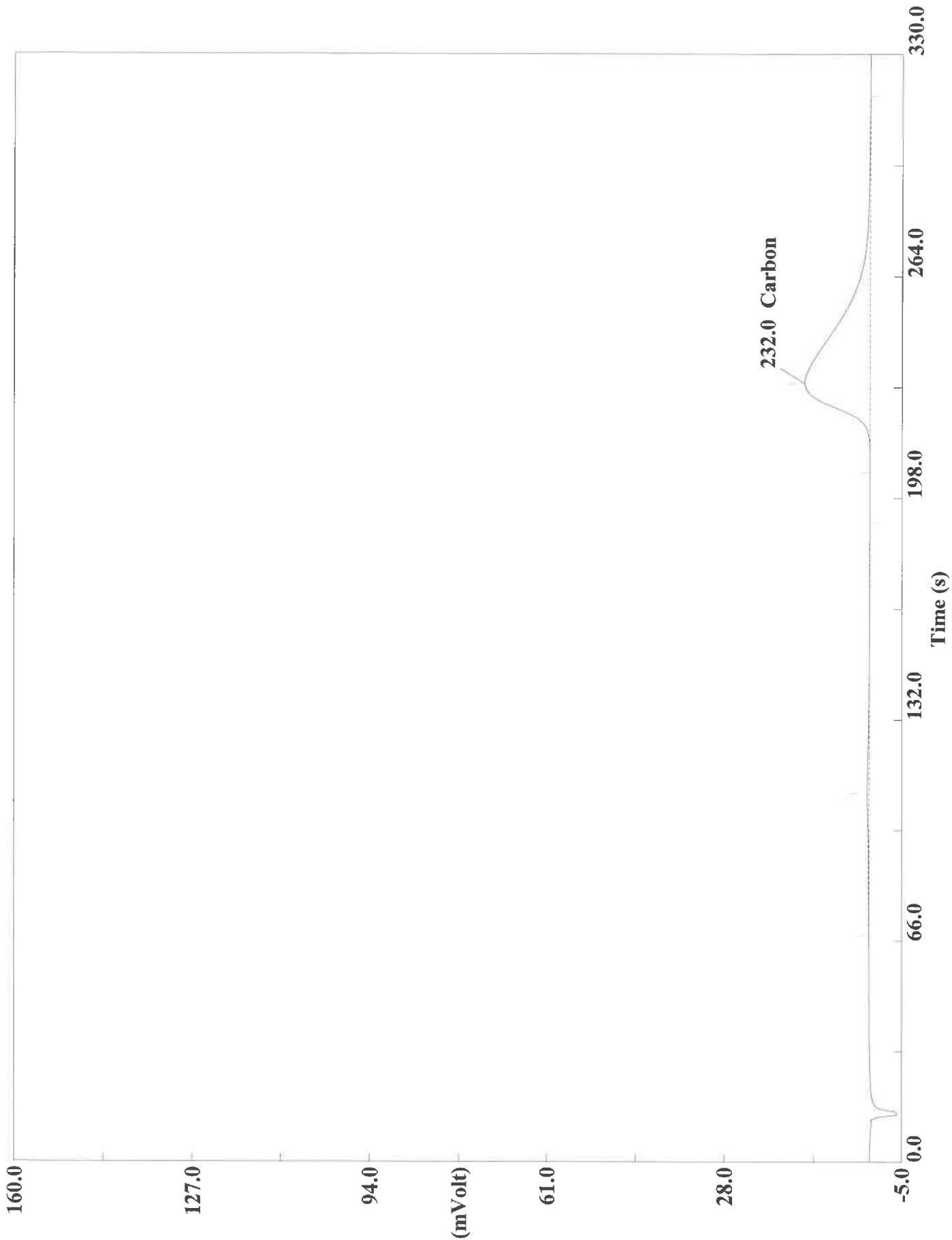
Page: 1 Sample: 180-111269-A-10 (A100220017)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:06 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-10 (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6914	240	2578280	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220018.DAT

Sample name :180-111269-A-10 Analysed :10/02/2020 14:11

Eager 300 Report

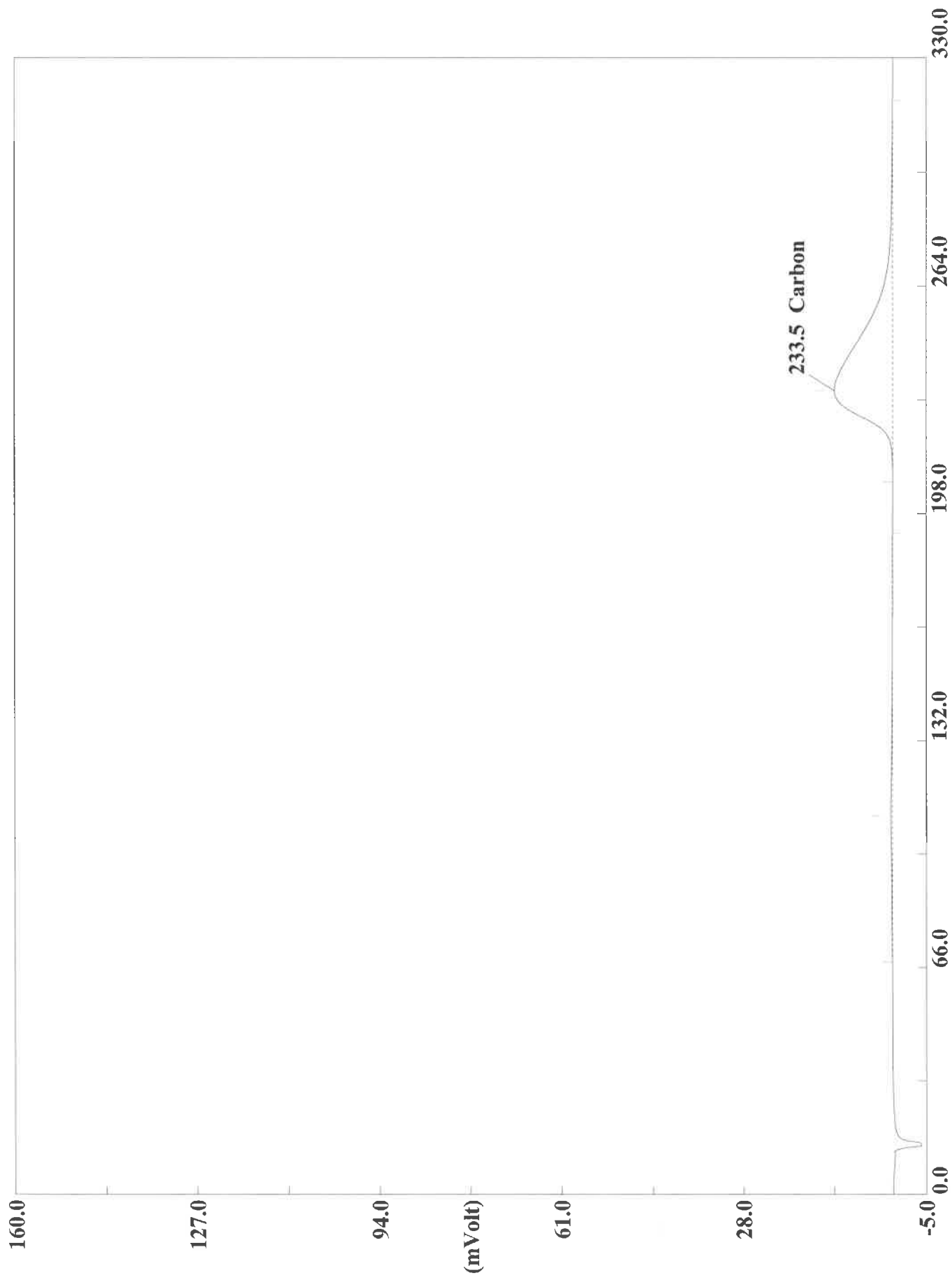
Page: 1 Sample: 180-111269-A-10 (A100220018)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:11 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-10 (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 15.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.1453	232	3331109	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220020.DAT
Sample name :180-111269-A-11 Analysed :10/02/2020 14:22

Eager 300 Report

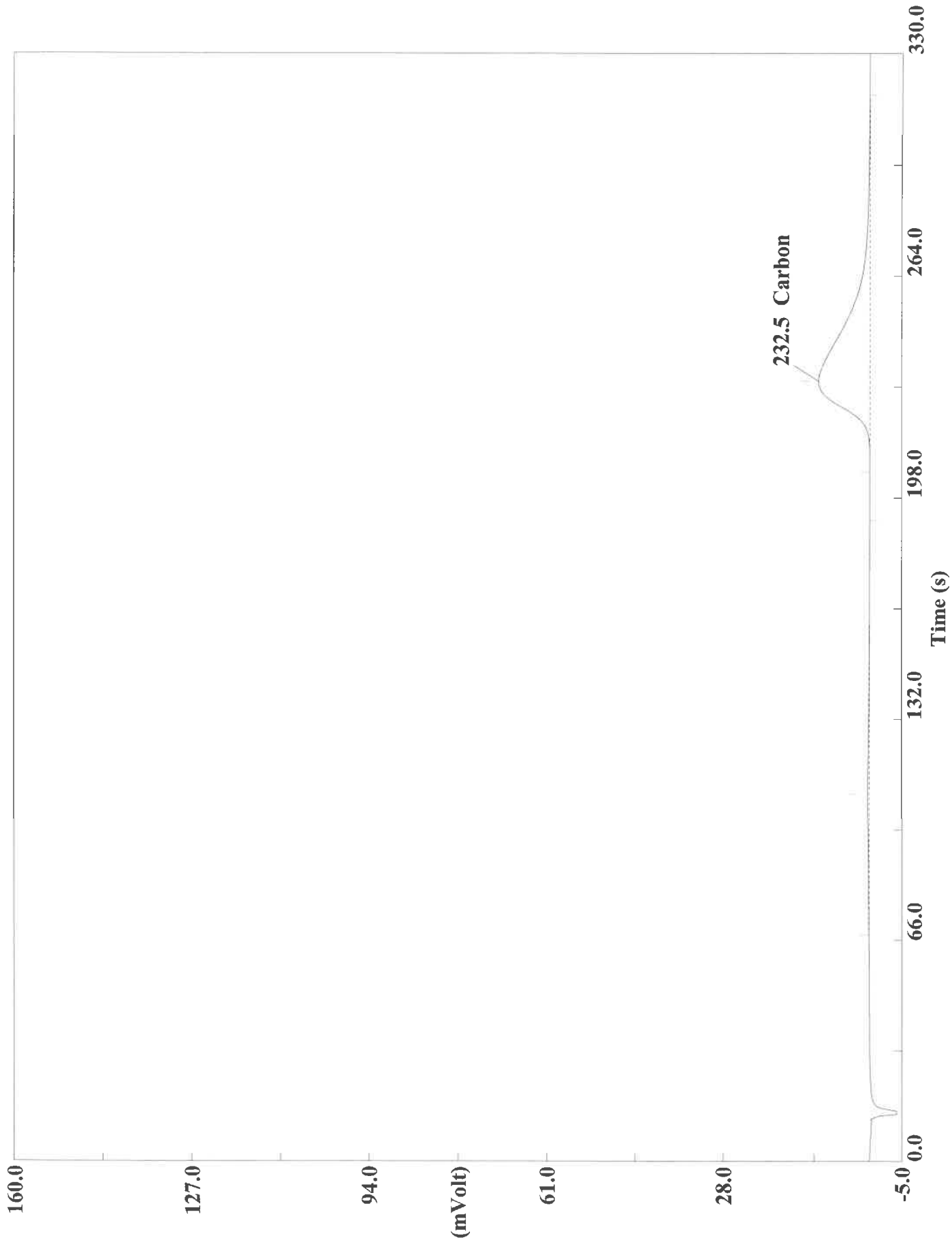
Page: 1 Sample: 180-111269-A-11 (A100220020)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:22 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-11 (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.1240	234	2818643	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220021.DAT
Sample name :180-111269-A-11 Analysed : 10/02/2020 14:28

Eager 300 Report

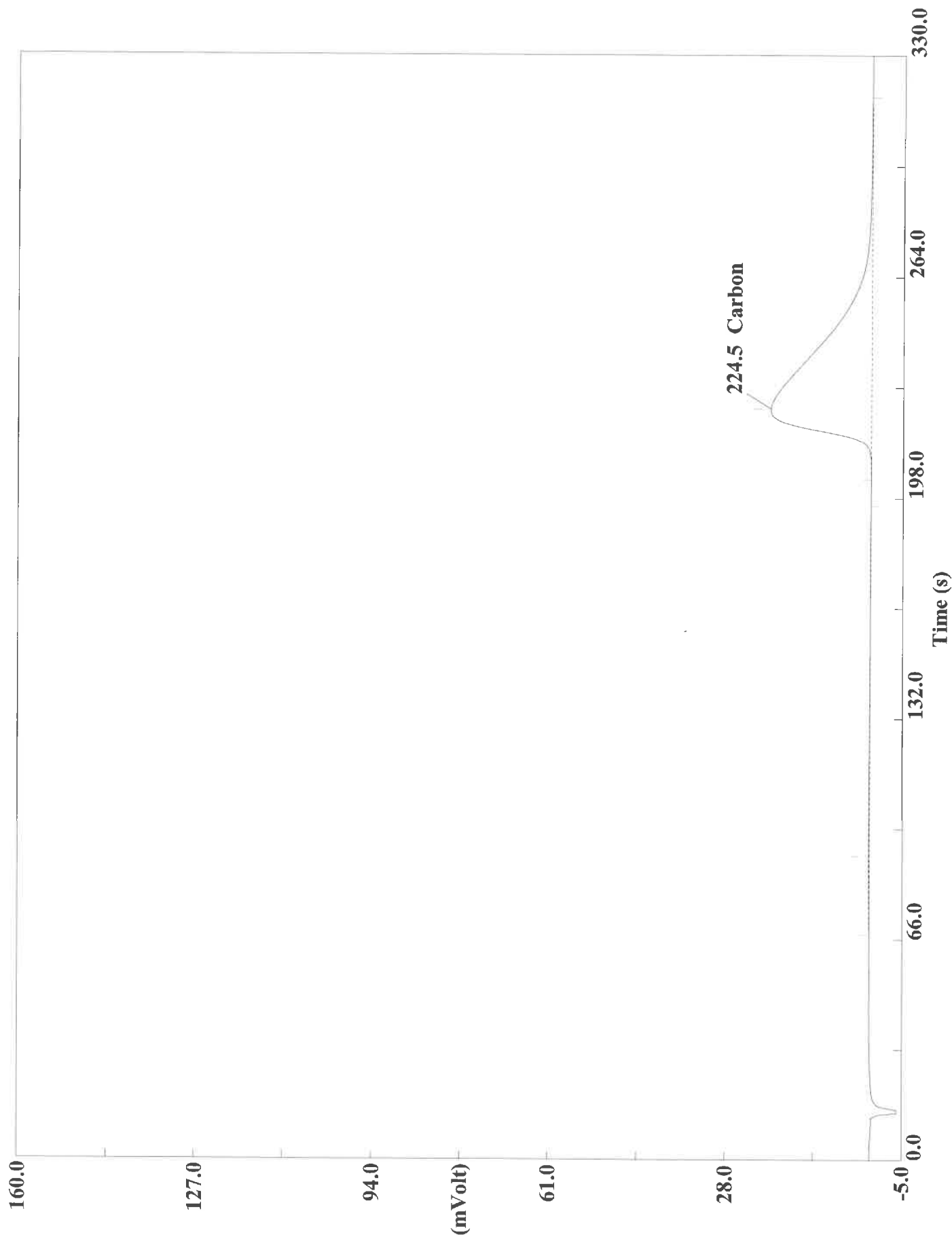
Page: 1 Sample: 180-111269-A-11 (A100220021)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:28 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-11 (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7567	233	2643929	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220023.DAT
Sample name :CCV Analysed :10/02/2020 14:39

Eager 300 Report

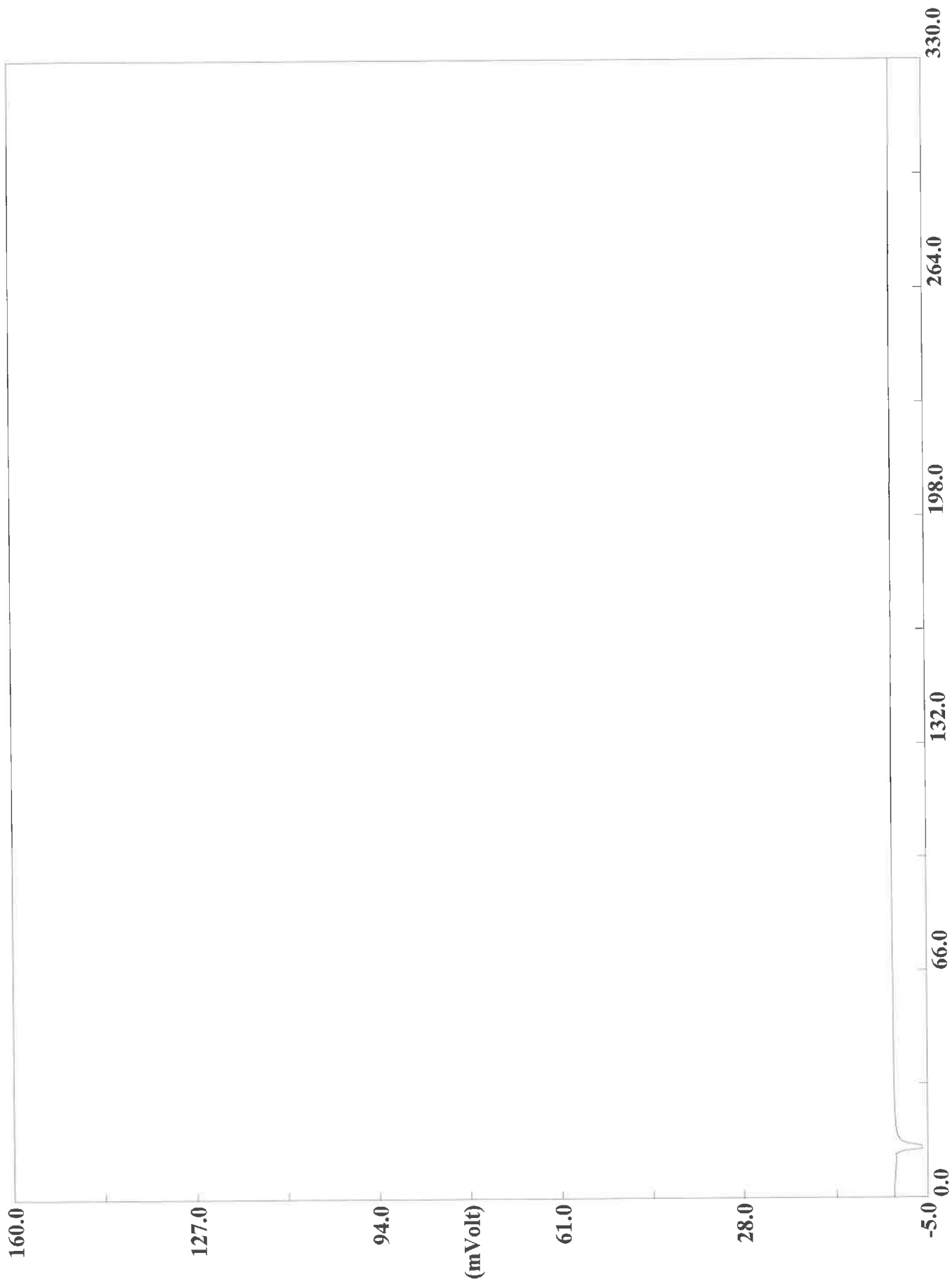
Page: 1 Sample: CCV (A100220023)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:39 Printed : 10/4/2020 07:24
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0024	225	5209957	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220024.DAT
Sample name :CCB Analysed :10/02/2020 14:45

Eager 300 Report

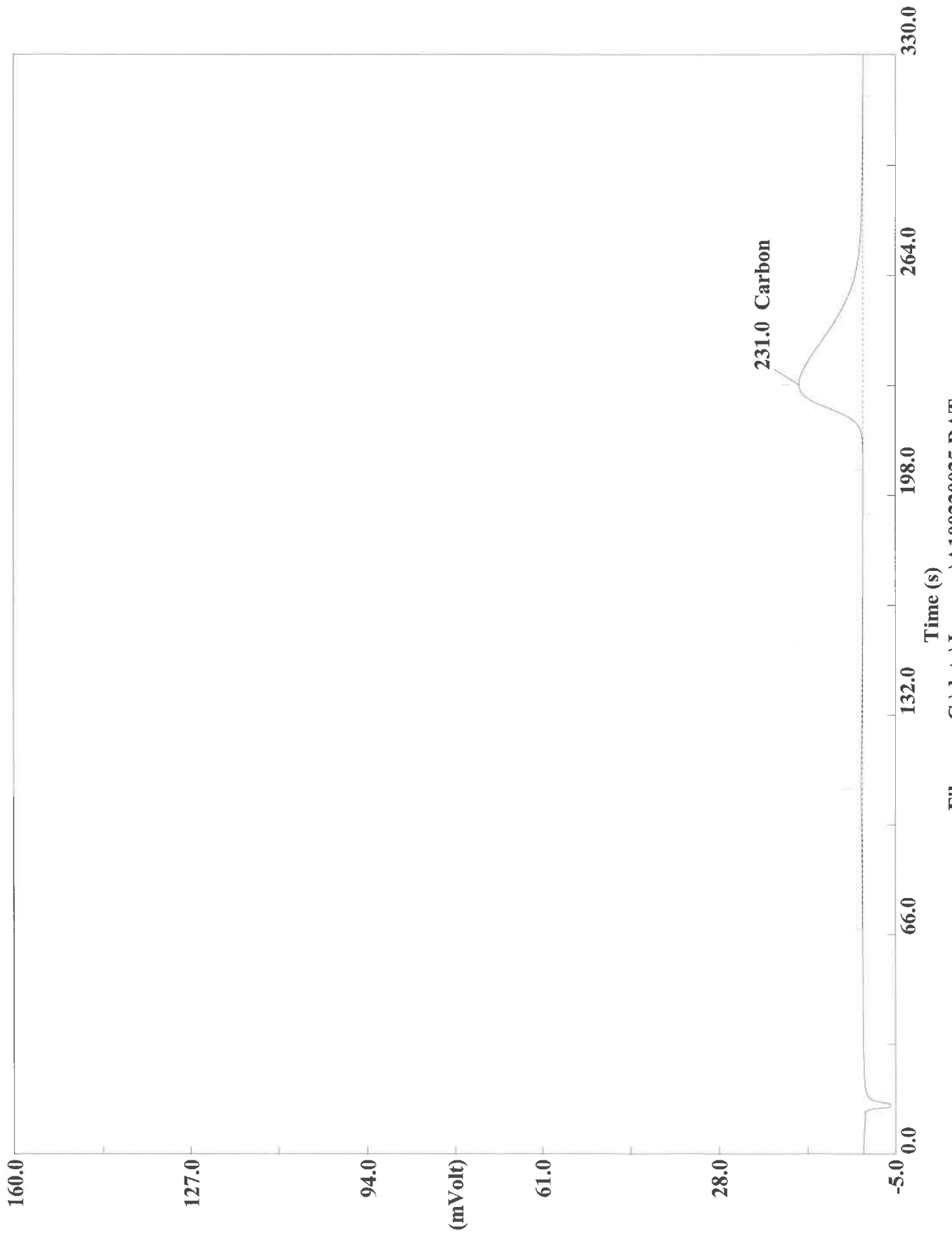
Page: 1 Sample: CCB (A100220024)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:45 Printed : 10/4/2020 07:24
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220025.DAT

Sample name : 180-111269-A-12 Analysed : 10/02/2020 14:50

Eager 300 Report

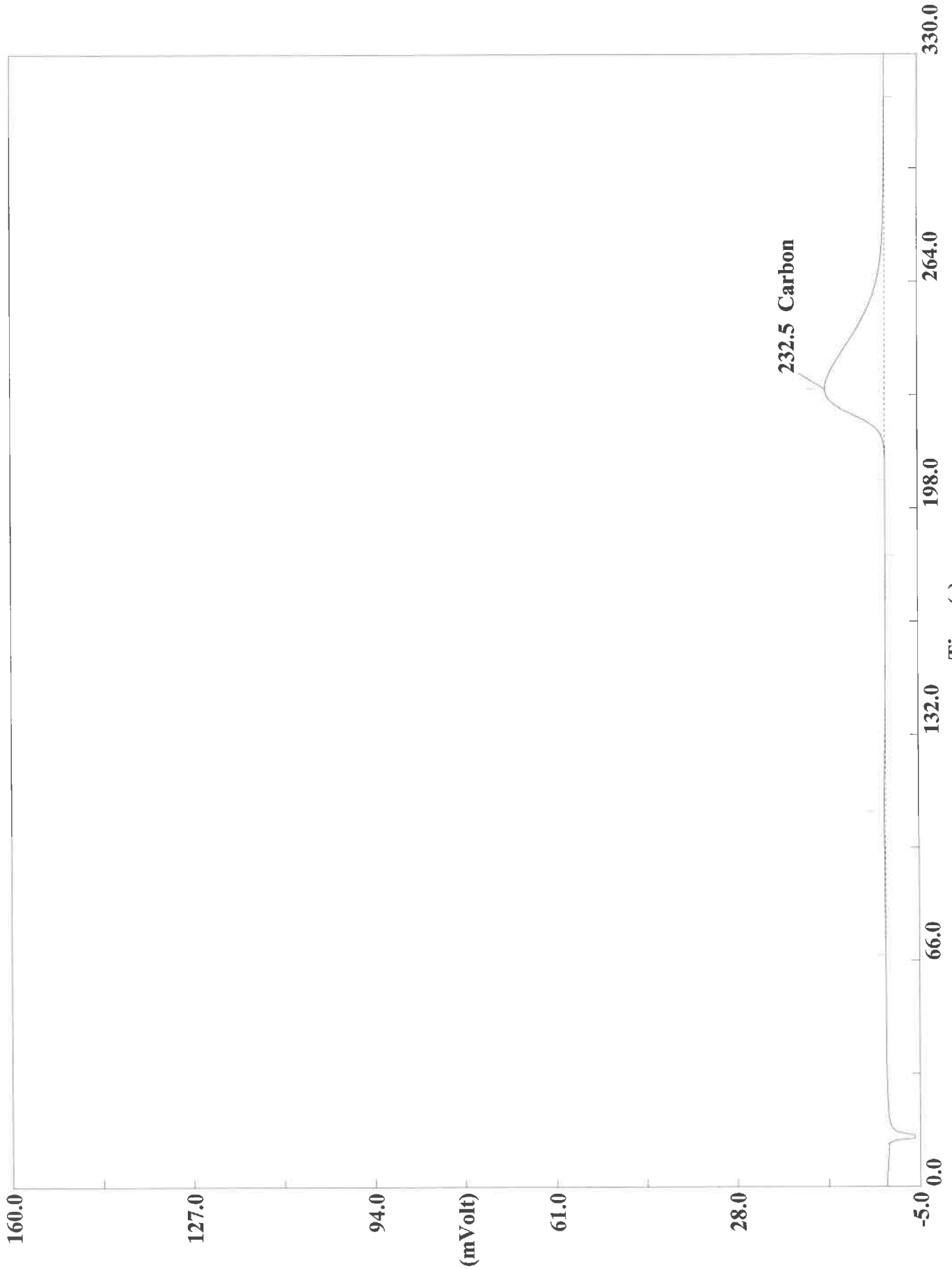
Page: 1 Sample: 180-111269-A-12 (A100220025)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:50 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-12 (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.8095	231	3218496	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220026.DAT
Sample name :180-111269-A-12 Analysed :10/02/2020 14:56

Eager 300 Report

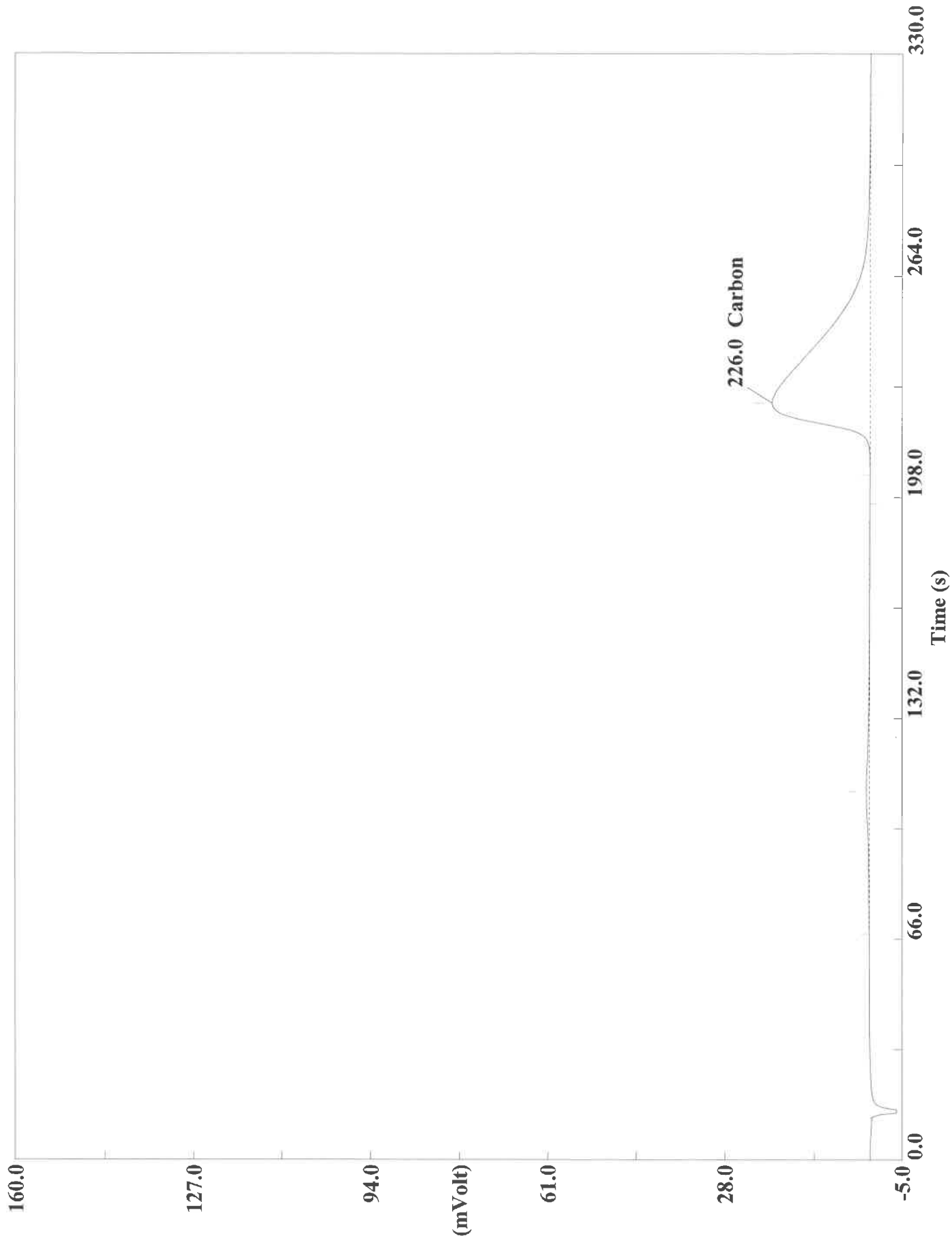
Page: 1 Sample: 180-111269-A-12 (A100220026)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 14:56 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-12 (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 15.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7094	233	2900831	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220028.DAT
Sample name :180-111269-A-12MS Analysed :10/02/2020 15:07

Eager 300 Report

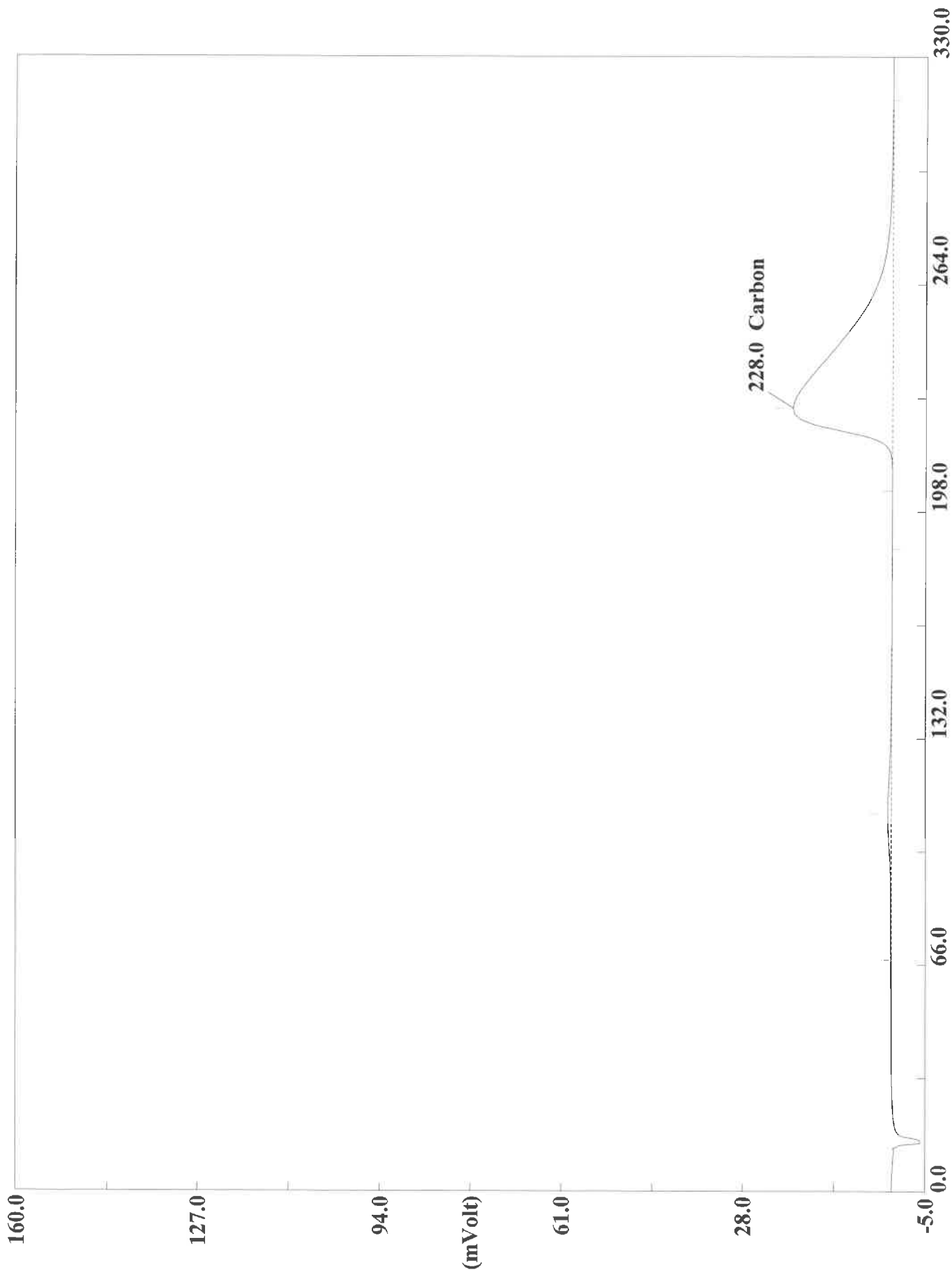
Page: 1 Sample: 180-111269-A-12MS (A100220028)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:07 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-12MS (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 15.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	6.2123	226	4971410	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220029.DAT

Sample name :180-111269-A-12MS Analysed :10/02/2020 15:13

Eager 300 Report

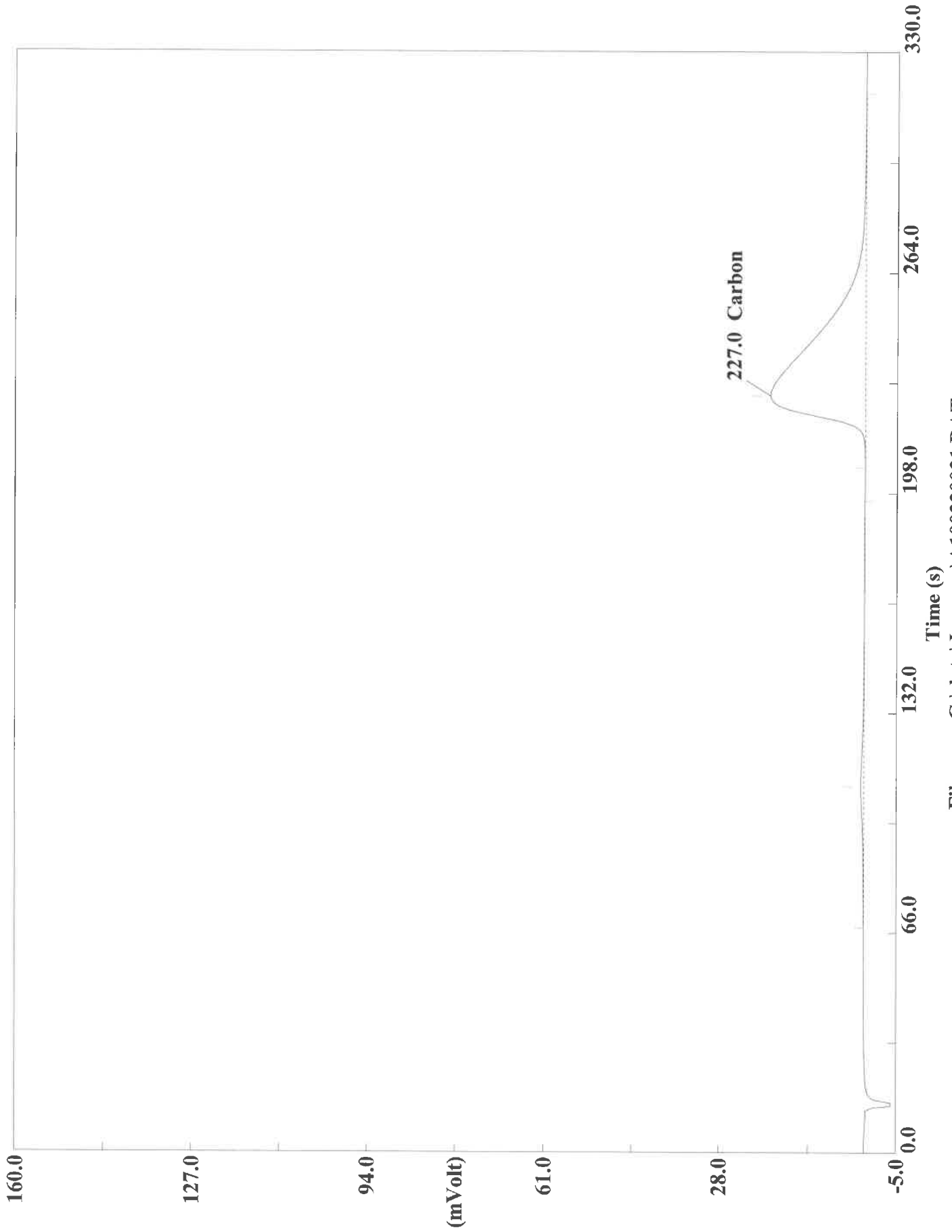
Page: 1 Sample: 180-111269-A-12MS (A100220029)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:13 Printed : 10/4/2020 07:24
Sample ID : 180-111269-A-12MS (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 13.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	7.3645	228	5167300	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220031.DAT

Sample name : 180-111269-A-12MSD Analysed : 10/02/2020 15:24

Eager 300 Report

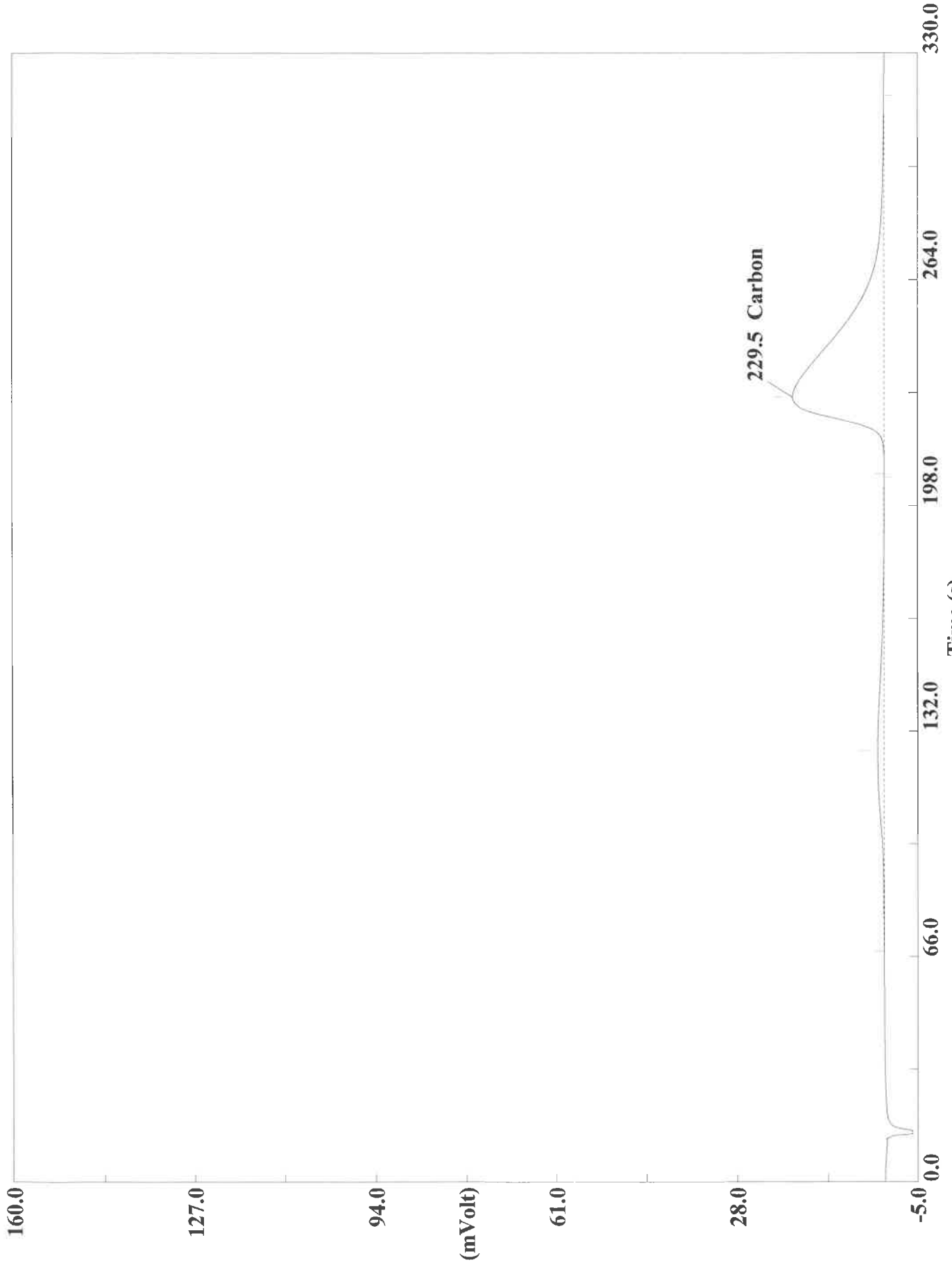
Page: 1 Sample: 180-111269-A-12MSD (A100220031)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:24 Printed : 10/4/2020 07:25
Sample ID : 180-111269-A-12MSD (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.6685	227	4711713	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220032.DAT
Sample name : 180-111269-A-12MSD Analysed : 10/02/2020 15:29

Eager 300 Report

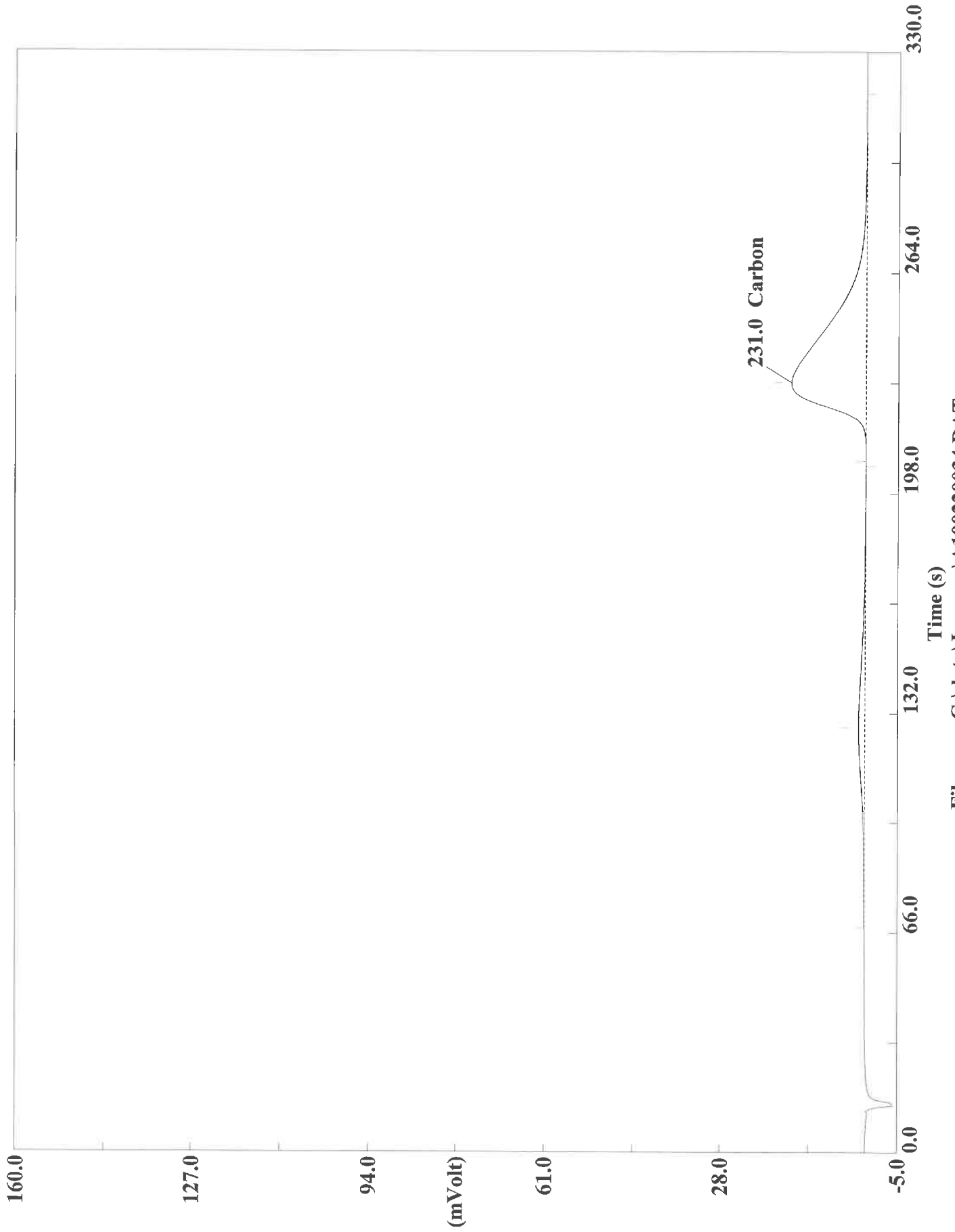
Page: 1 Sample: 180-111269-A-12MSD (A100220032)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:29 Printed : 10/4/2020 07:25
Sample ID : 180-111269-A-12MSD (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	5.5476	230	4610792	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220034.DAT
Sample name :180-111269-A-13 Analysed :10/02/2020 15:41

Eager 300 Report

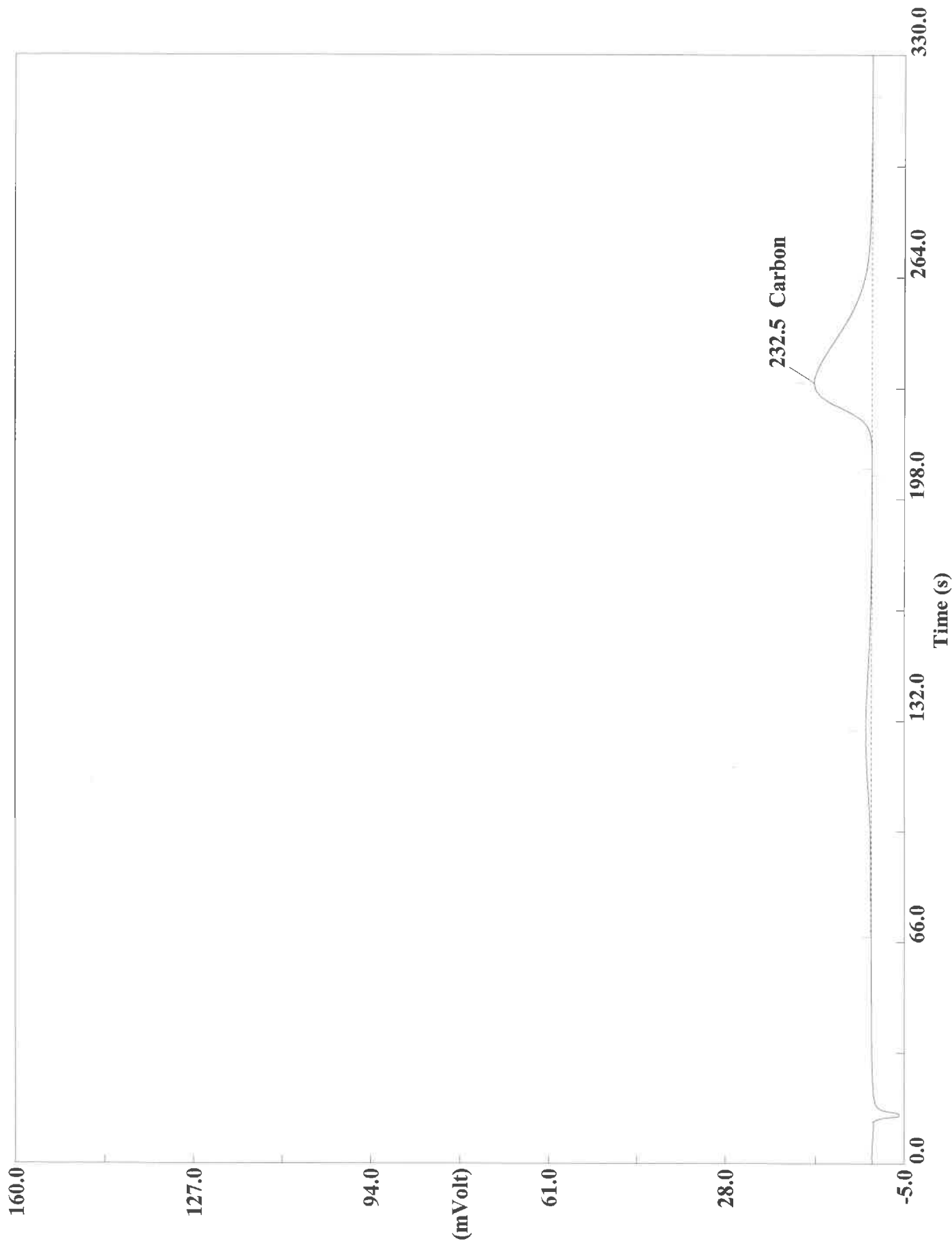
Page: 1 Sample: 180-111269-A-13 (A100220034)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:41 Printed : 10/4/2020 07:25
Sample ID : 180-111269-A-13 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4071	231	3658689	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220035.DAT

Sample name :180-111269-A-13 Analysed :10/02/2020 15:46

Eager 300 Report

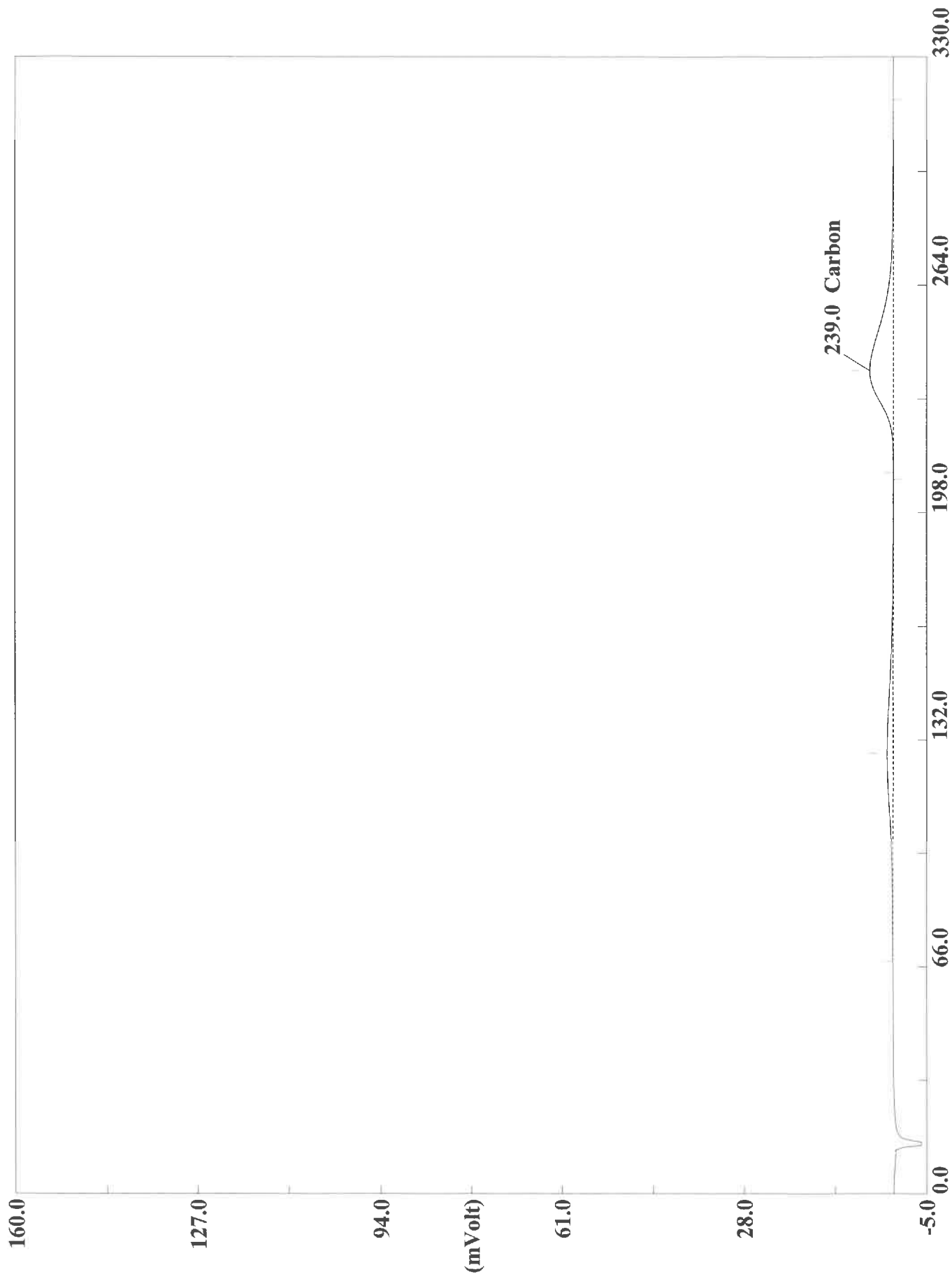
Page: 1 Sample: 180-111269-A-13 (A100220035)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:46 Printed : 10/4/2020 07:25
Sample ID : 180-111269-A-13 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7364	233	2848082	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220037.DAT

Sample name :180-111287-A-85 Analysed :10/02/2020 15:57

Eager 300 Report

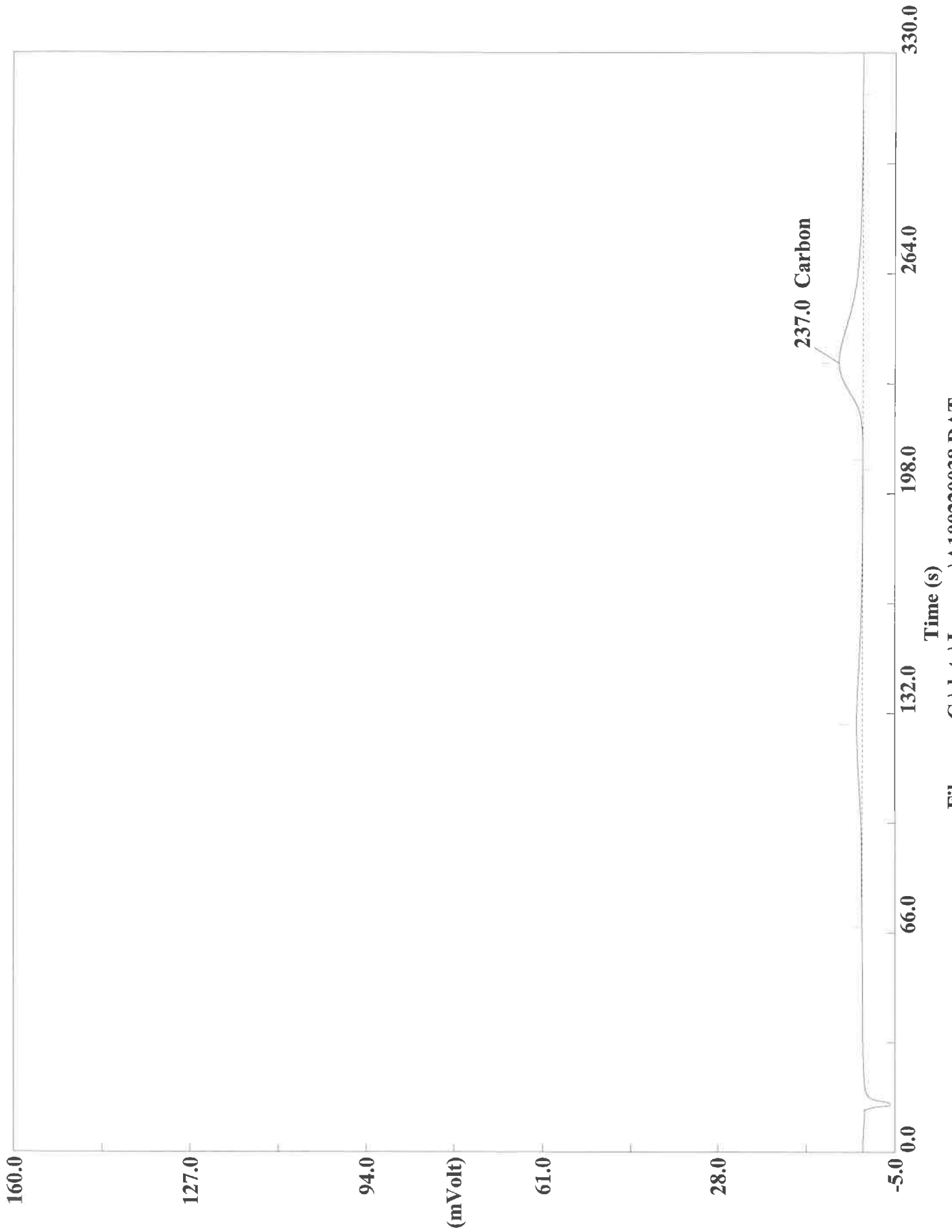
Page: 1 Sample: 180-111287-A-85 (A100220037)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 15:57 Printed : 10/4/2020 07:25
Sample ID : 180-111287-A-85 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3652	239	1138295	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220038.DAT
Sample name :180-111287-A-85 Analysed :10/02/2020 16:03

Eager 300 Report

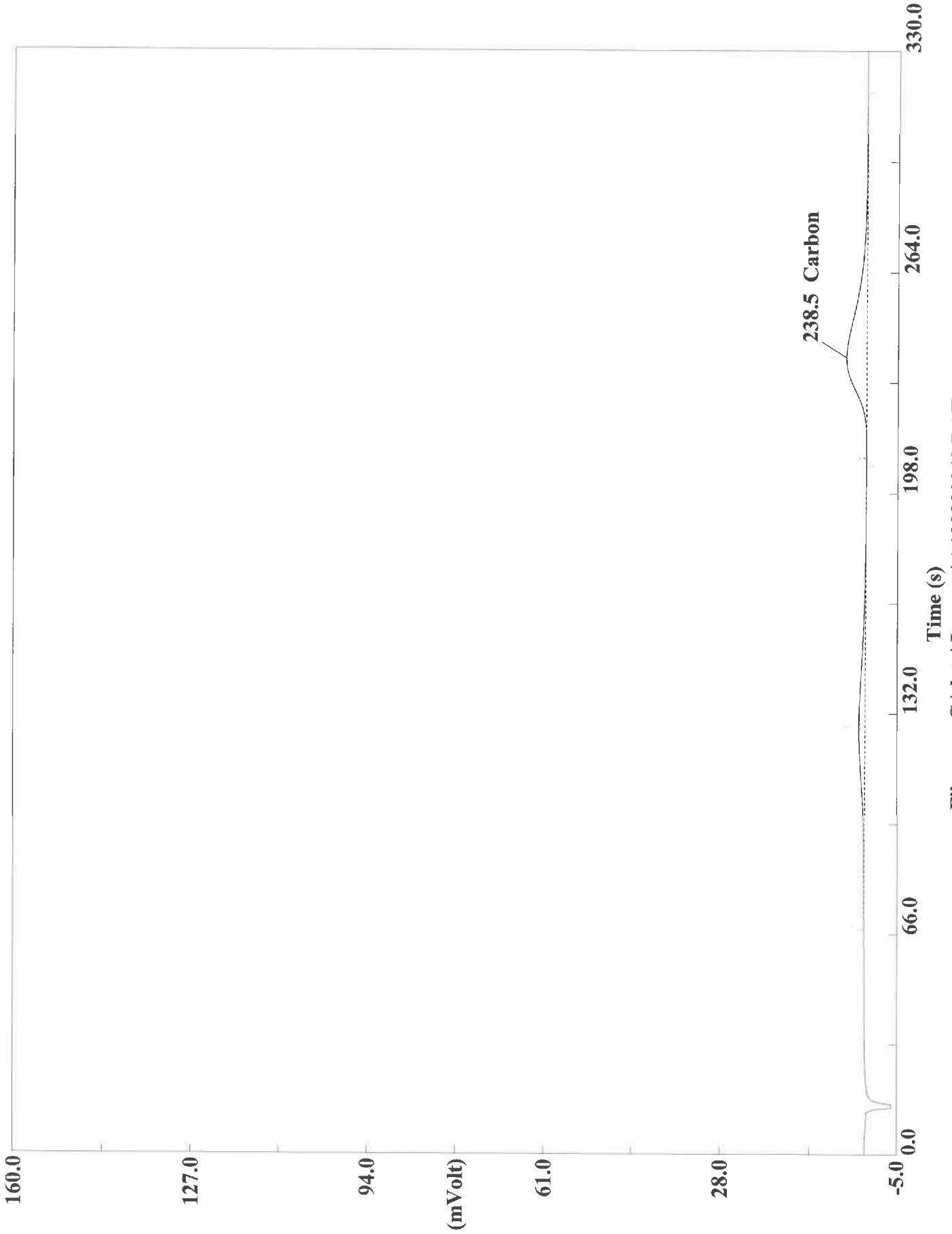
Page: 1 Sample: 180-111287-A-85 (A100220038)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:03 Printed : 10/4/2020 07:25
Sample ID : 180-111287-A-85 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1802	237	1295070	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220040.DAT

Sample name :180-111287-A-86 Analysed :10/02/2020 16:14

Eager 300 Report

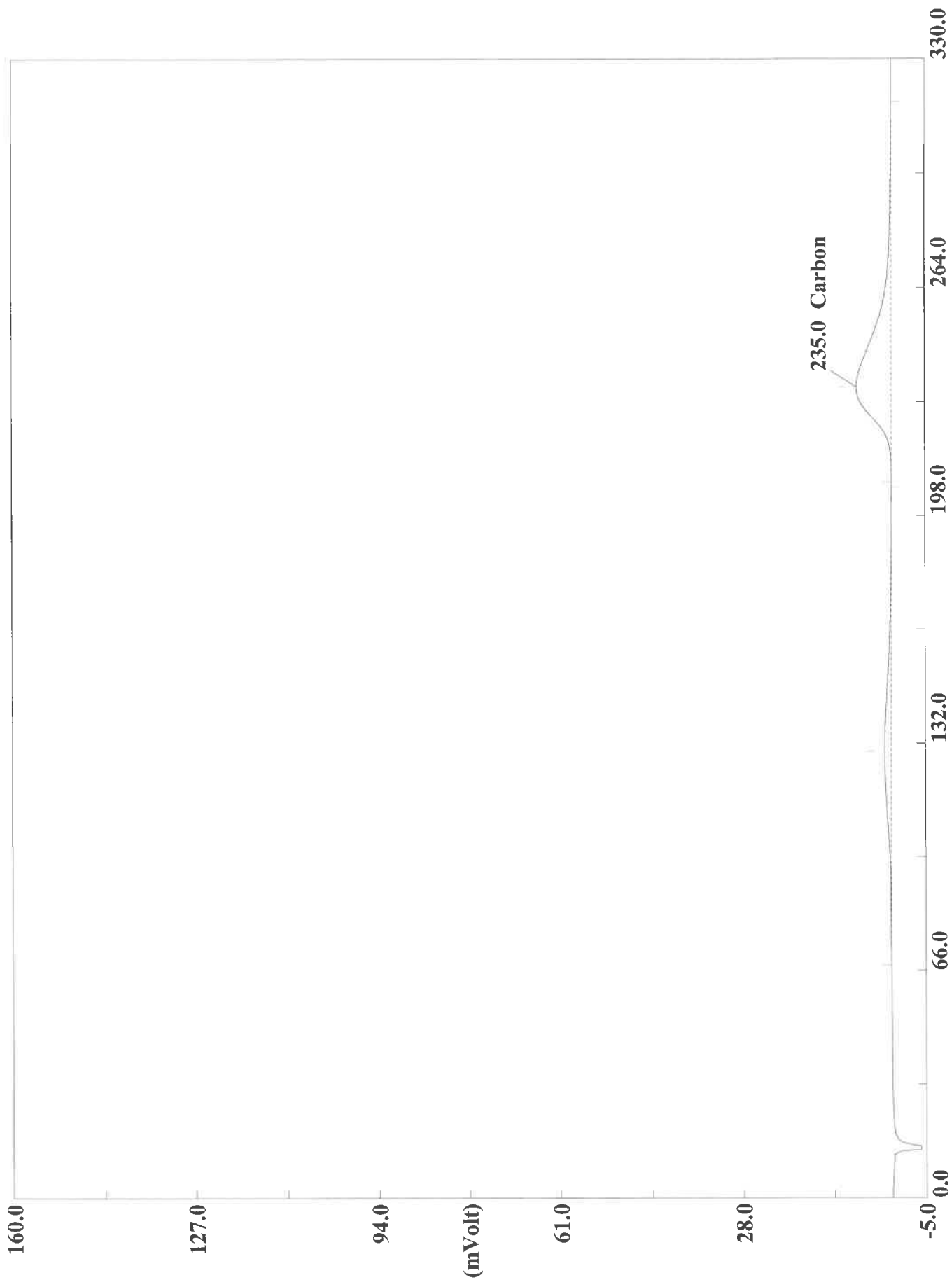
Page: 1 Sample: 180-111287-A-86 (A100220040)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:14 Printed : 10/4/2020 07:25
Sample ID : 180-111287-A-86 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2194	239	1128794	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220041.DAT
Sample name :180-111287-A-86 Analysed :10/02/2020 16:20

Eager 300 Report

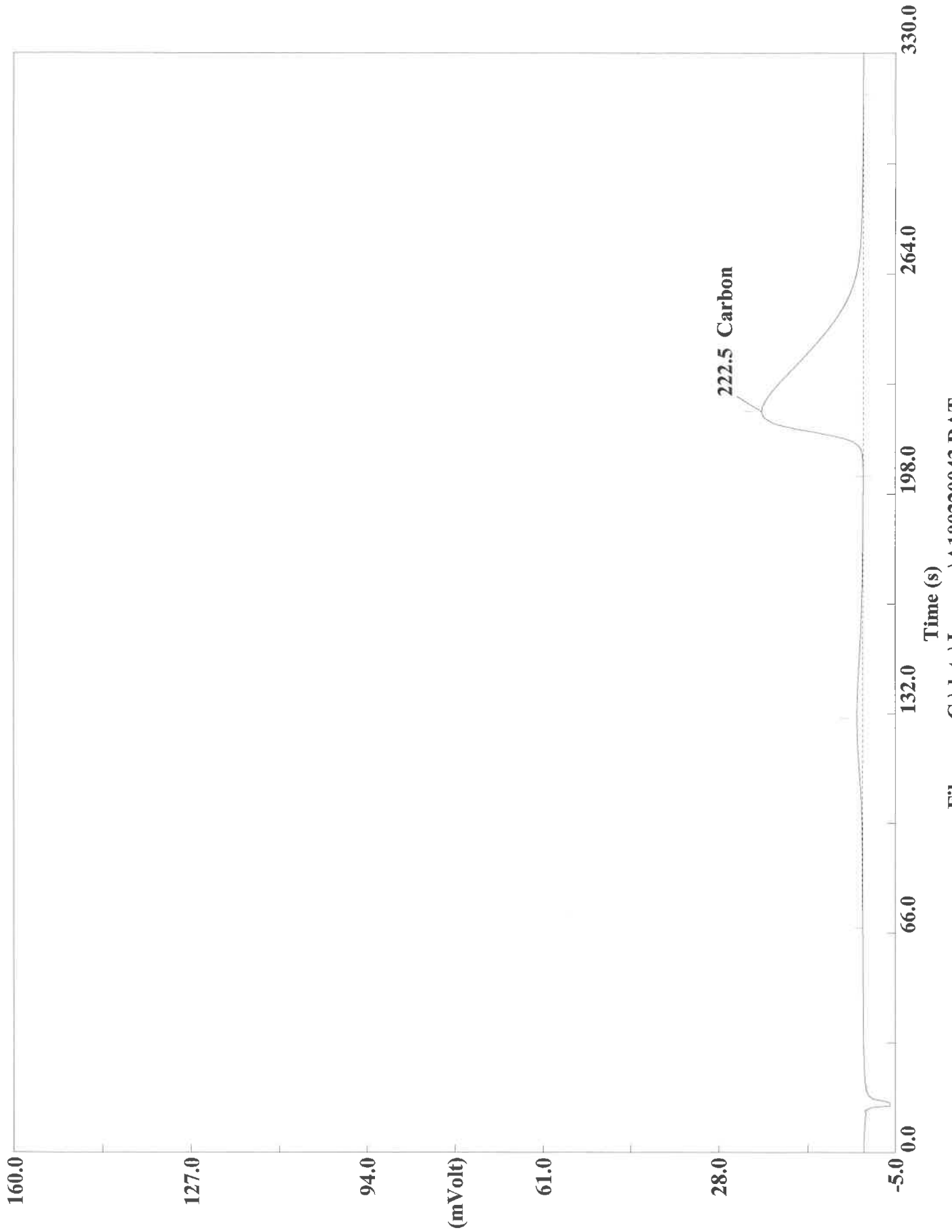
Page: 1 Sample: 180-111287-A-86 (A100220041)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:20 Printed : 10/4/2020 07:25
Sample ID : 180-111287-A-86 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4273	235	1720266	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220043.DAT
Sample name :CCV Analysed :10/02/2020 16:31

Eager 300 Report

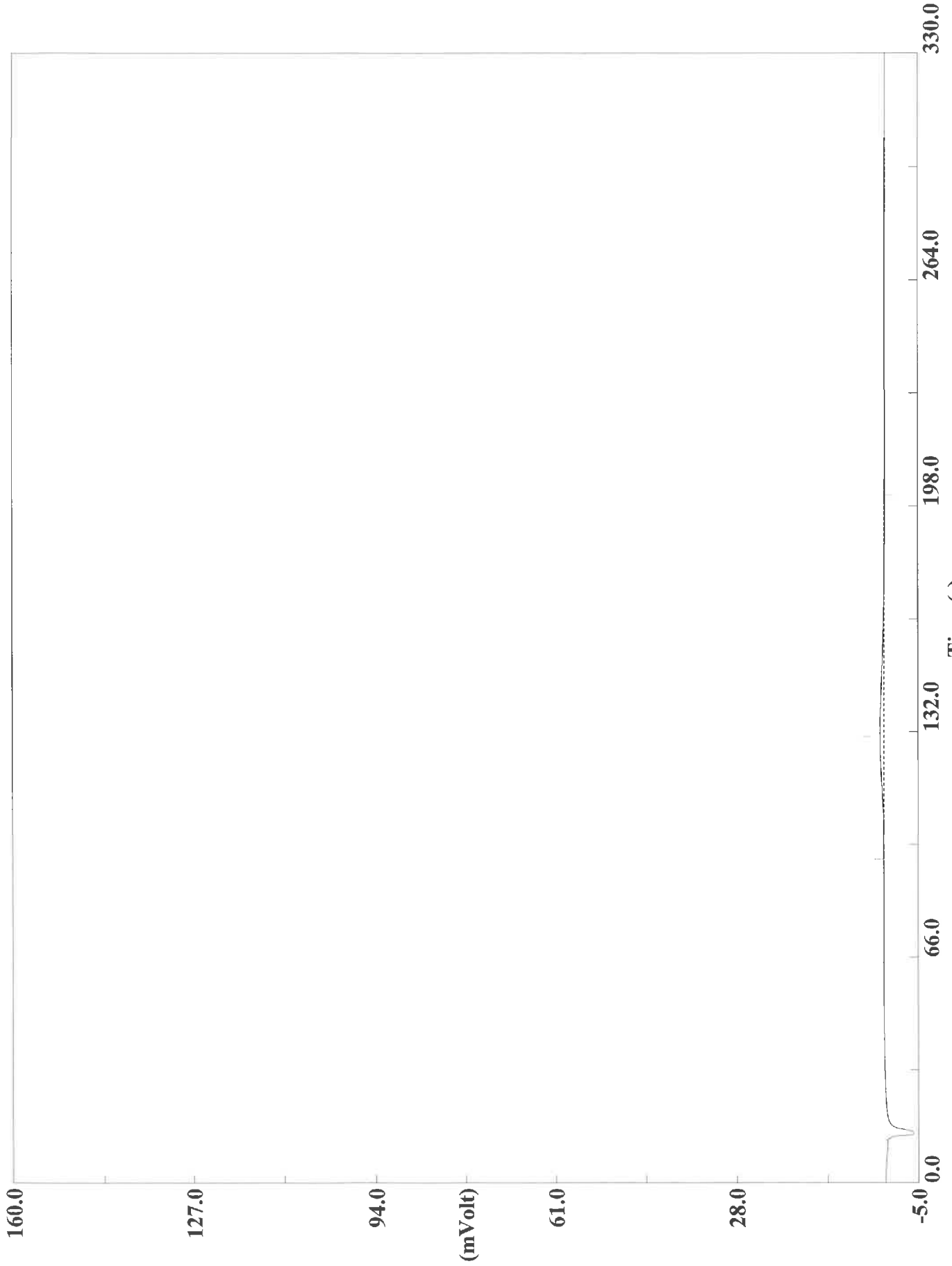
Page: 1 Sample: CCV (A100220043)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:31 Printed : 10/4/2020 07:25
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9881	223	5135358	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220044.DAT
Sample name :CCB Analysed :10/02/2020 16:49

Eager 300 Report

Page: 1 Sample: CCB (A100220044)

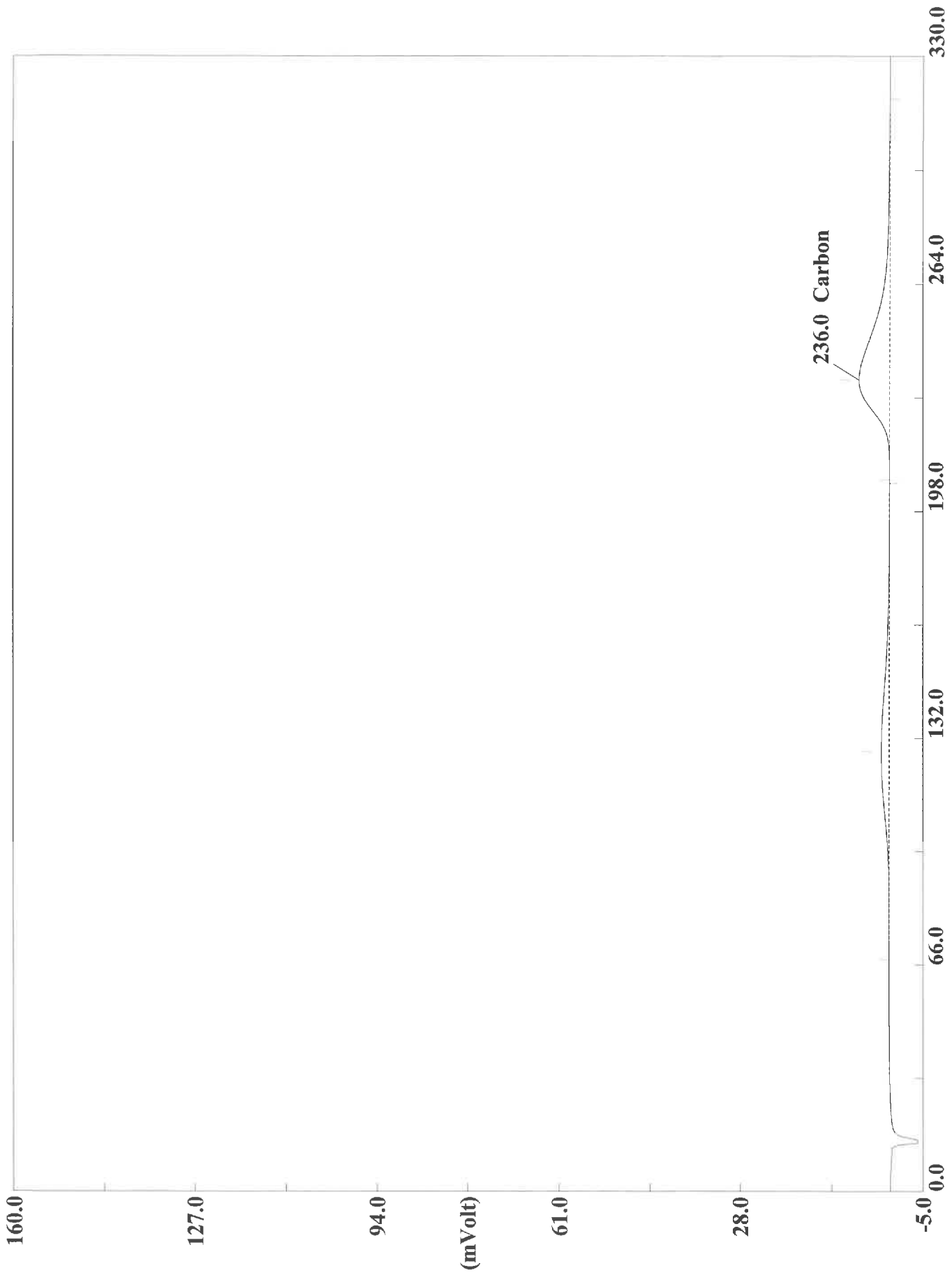
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220044
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:49 Printed : 10/4/2020 07:25
Sample ID : CCB (# 55)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220045.DAT
Sample name :180-111287-A-87 Analysed :10/02/2020 16:56

Eager 300 Report

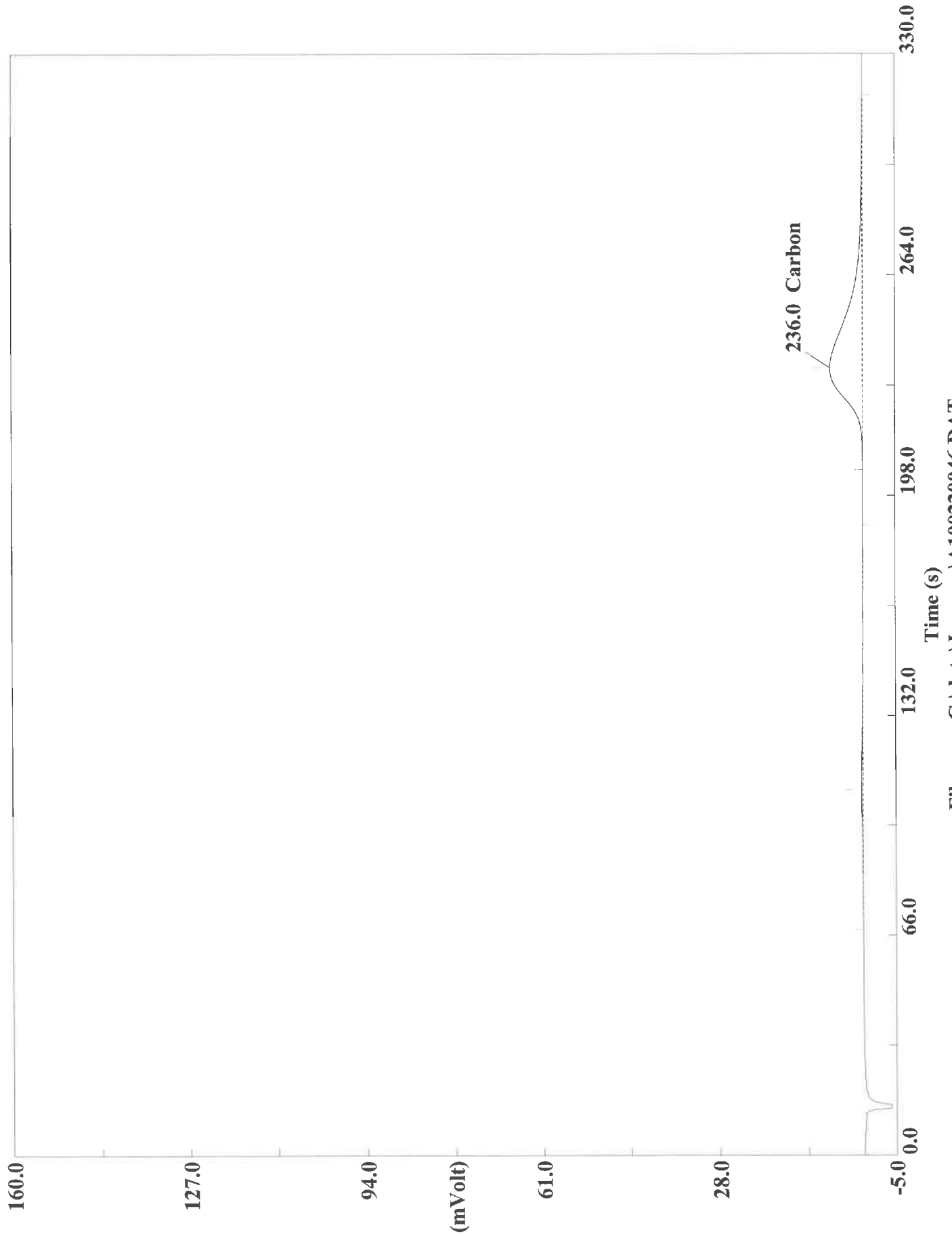
Page: 1 Sample: 180-111287-A-87 (A100220045)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220045
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 16:56 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-87 (# 56)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4719	236	1544160	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220046.DAT
Sample name :180-111287-A-87 Analysed :10/02/2020 17:02

Eager 300 Report

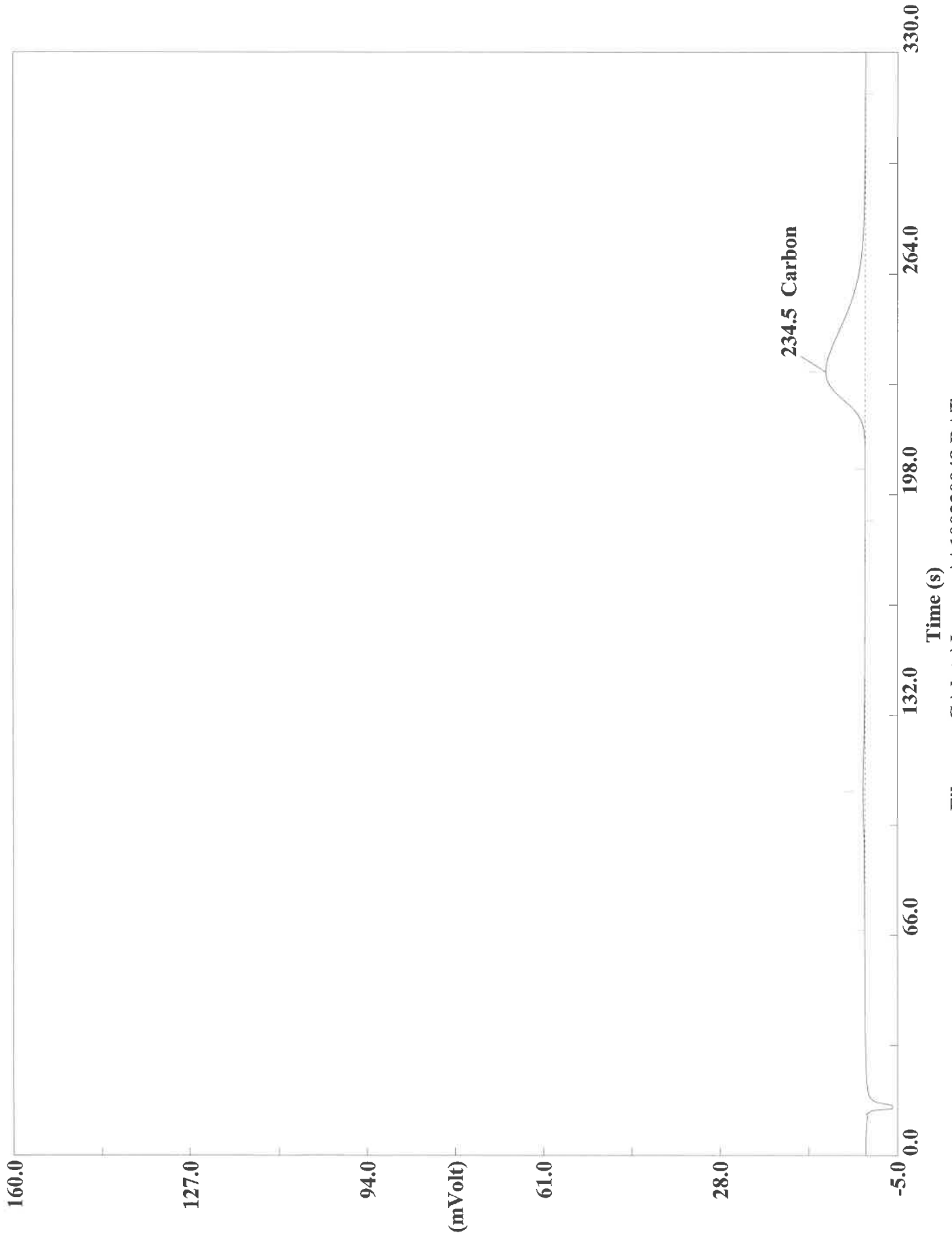
Page: 1 Sample: 180-111287-A-87 (A100220046)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220046
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:02 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-87 (# 57)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7003	236	1707534	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220048.DAT
Sample name :180-111287-A-88 Analysed :10/02/2020 17:13

Eager 300 Report

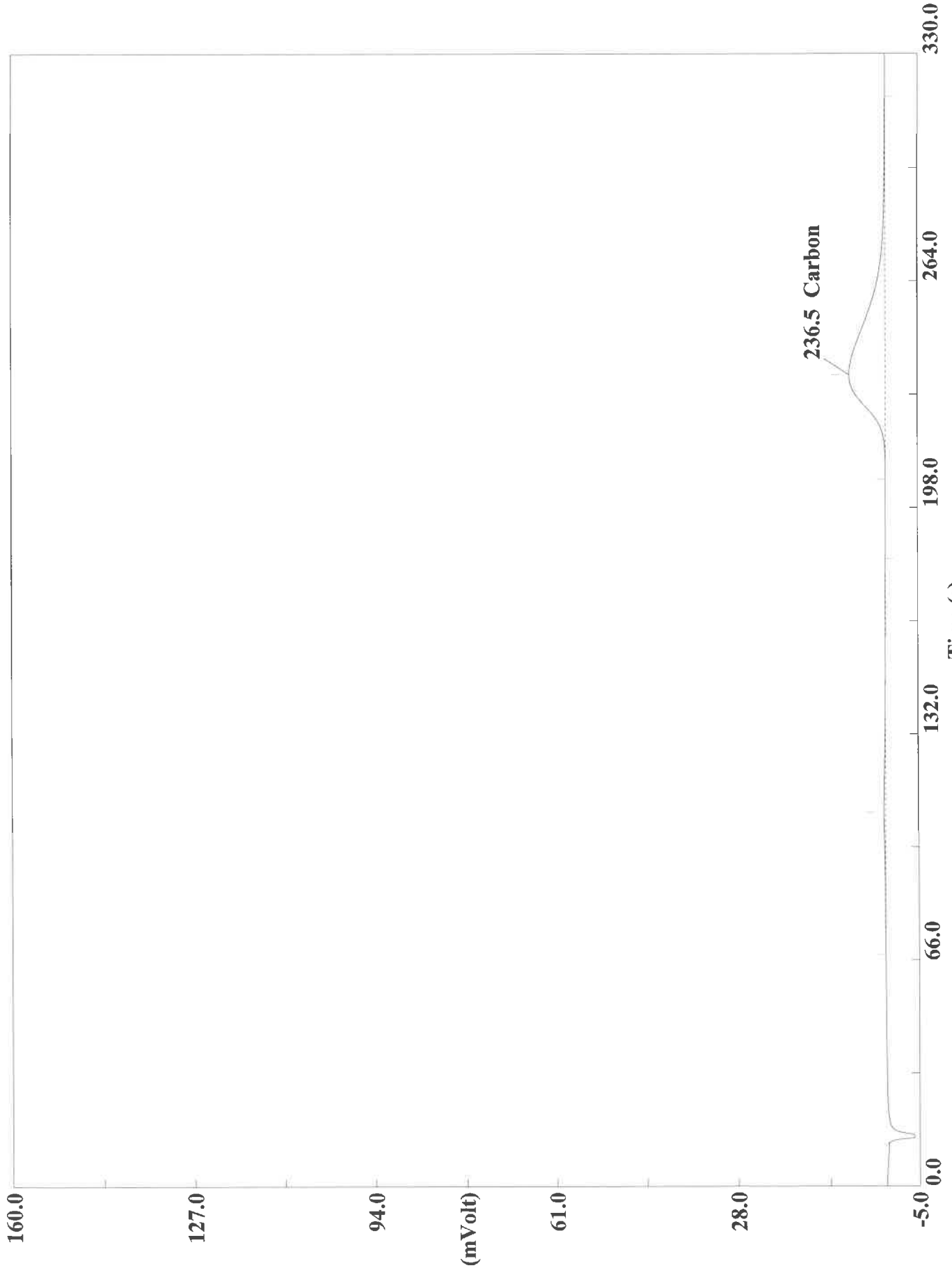
Page: 1 Sample: 180-111287-A-88 (A100220048)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220048
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:13 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-88 (# 59)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5821	235	2016733	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220049.DAT
Sample name :180-111287-A-88 Analysed :10/02/2020 17:18

Eager 300 Report

Page: 1 Sample: 180-111287-A-88 (A100220049)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220049
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:18 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-88 (# 60)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5580	237	1969421	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220051.DAT

Sample name :180-111287-A-89 Analysed :10/02/2020 17:30

Eager 300 Report

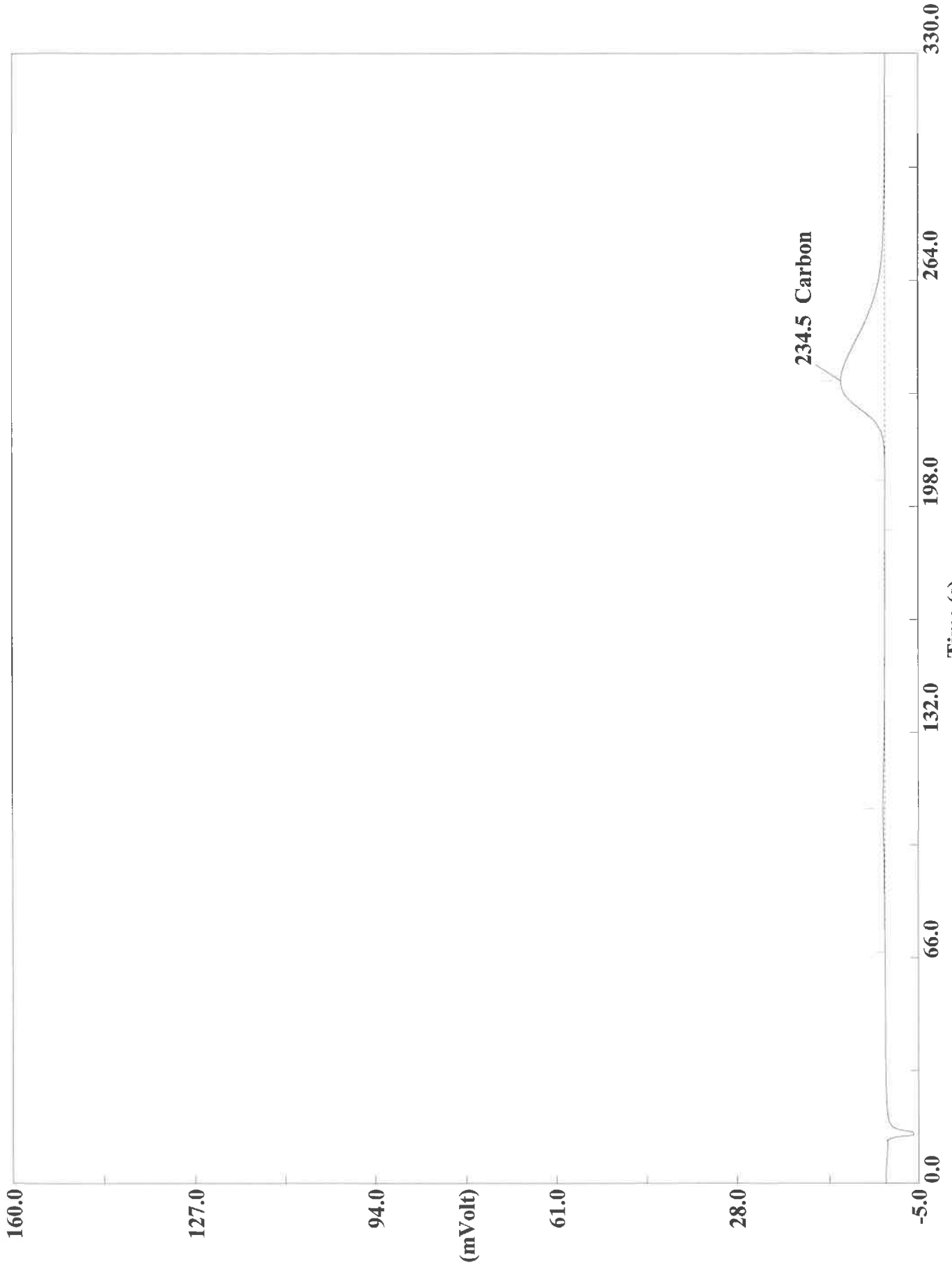
Page: 1 Sample: 180-111287-A-89 (A100220051)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220051
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:30 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-89 (# 62)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5181	237	1522045	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220052.DAT

Sample name : 180-111287-A-89 Analysed : 10/02/2020 17:35

Eager 300 Report

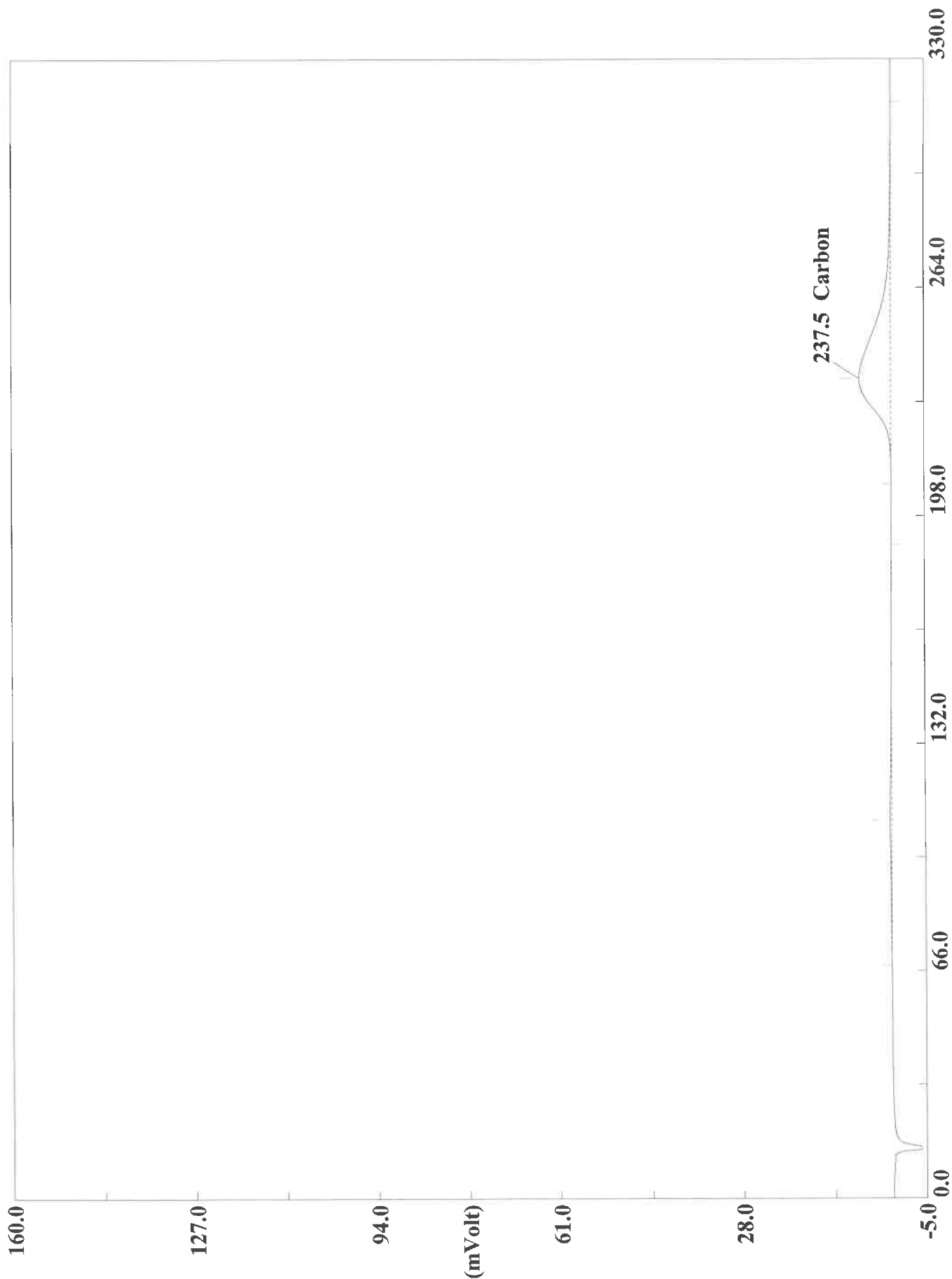
Page: 1 Sample: 180-111287-A-89 (A100220052)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220052
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:35 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-89 (# 63)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9212	235	2213238	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220054.DAT
Sample name :180-111287-A-90 Analysed :10/02/2020 17:46

Eager 300 Report

Page: 1 Sample: 180-111287-A-90 (A100220054)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220054
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:46 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-90 (# 65)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.7036	238	1541913	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220055.DAT
Sample name :180-111287-A-90 Analysed :10/02/2020 17:52

Eager 300 Report

Page: 1 Sample: 180-111287-A-90 (A100220055)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220055
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 17:52 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-90 (# 66)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4156	238	1698512	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220057.DAT
Sample name :180-111287-A-91 Analysed :10/02/2020 18:03

Eager 300 Report

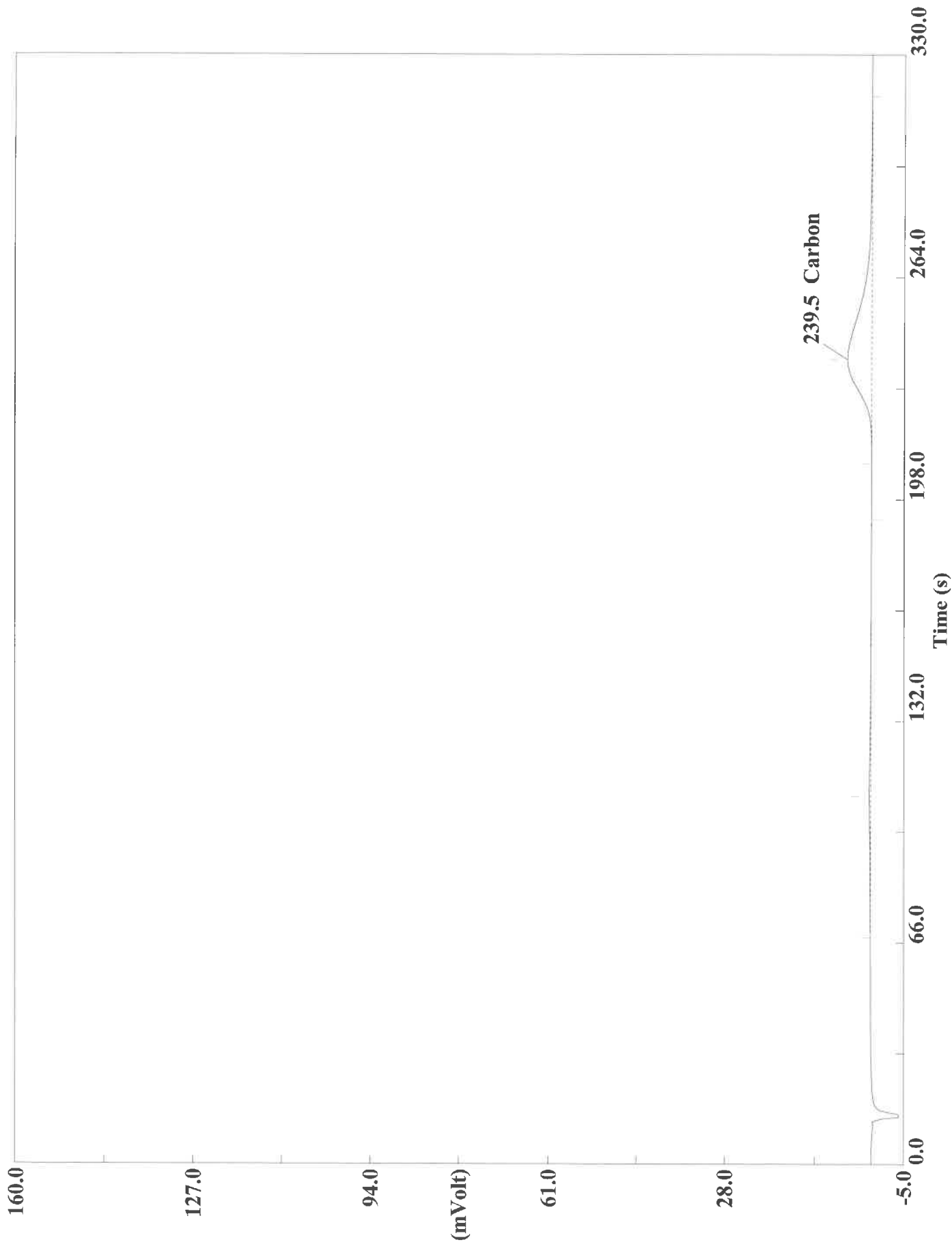
Page: 1 Sample: 180-111287-A-91 (A100220057)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220057
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:03 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-91 (# 68)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2508	238	1556801	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220058.DAT

Sample name : 180-111287-A-91 Analysed : 10/02/2020 18:09

Eager 300 Report

Page: 1 Sample: 180-111287-A-91 (A100220058)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220058
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:09 Printed : 10/4/2020 07:26
Sample ID : 180-111287-A-91 (# 69)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1282	240	1254639	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220060.DAT

Sample name : 180-111287-A-92 Analysed : 10/02/2020 18:20

Eager 300 Report

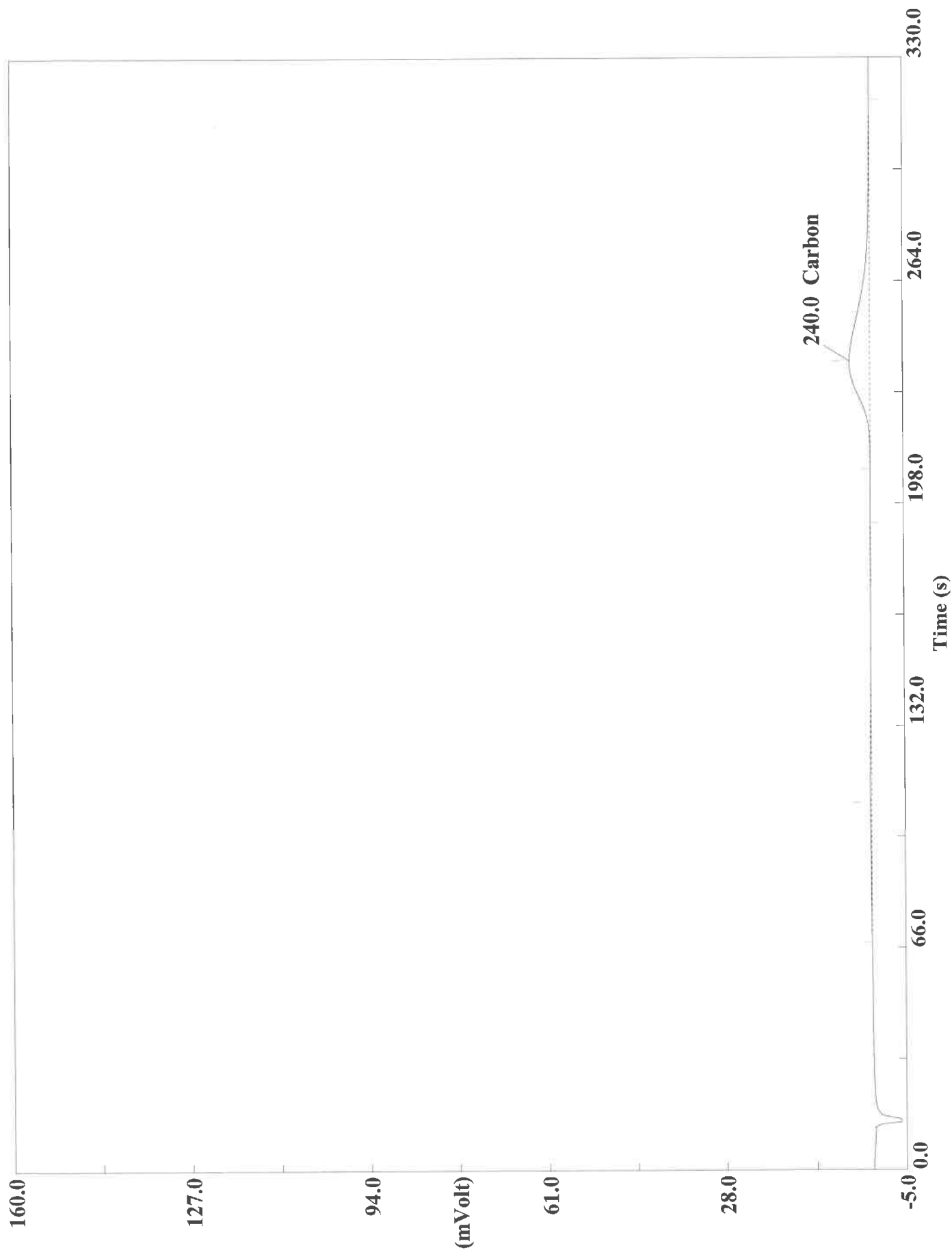
Page: 1 Sample: 180-111287-A-92 (A100220060)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220060
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:20 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-92 (# 71)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1863	239	1159449	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220061.DAT

Sample name : 180-111287-A-92 Analysed : 10/02/2020 18:25

Eager 300 Report

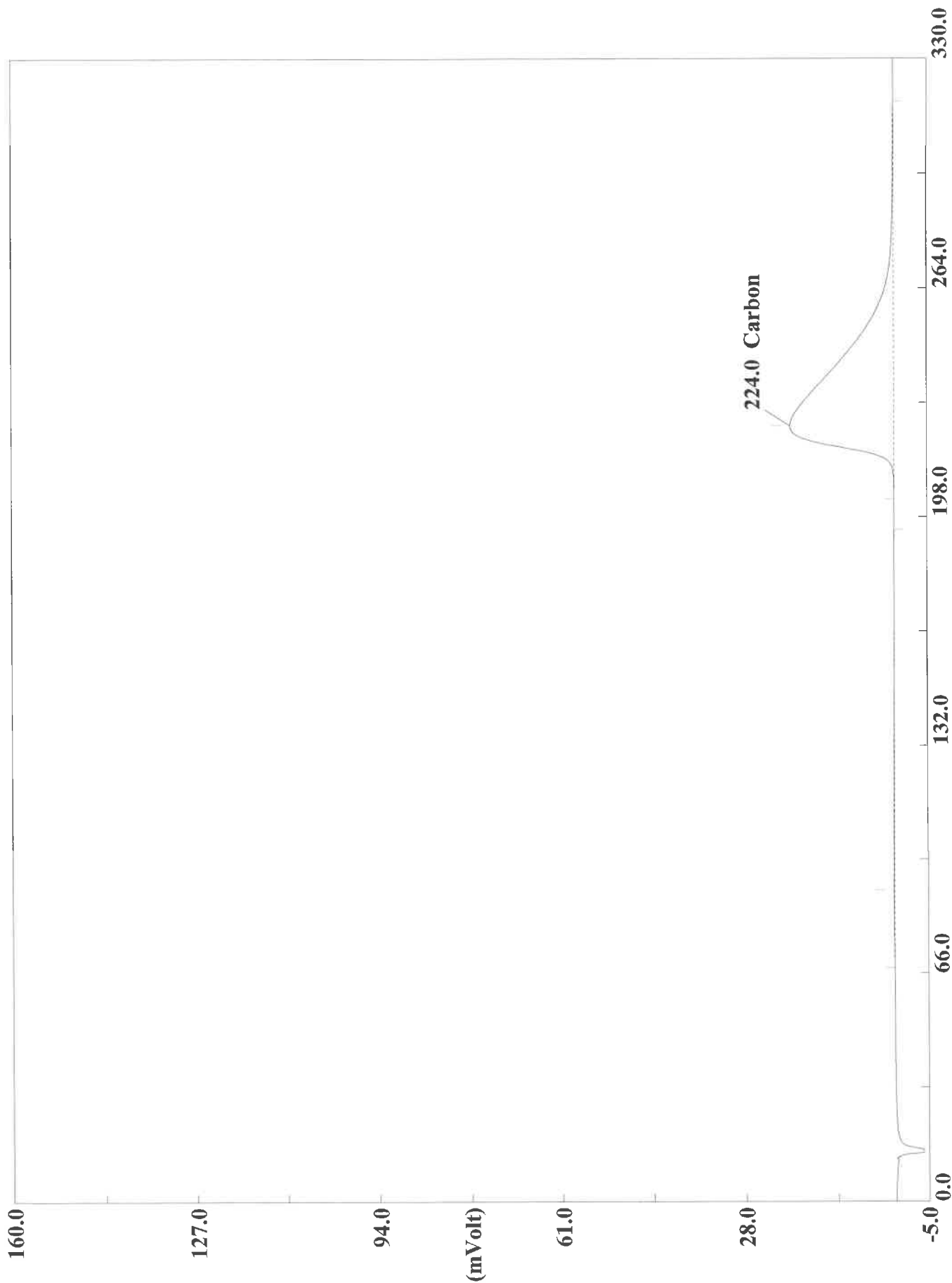
Page: 1 Sample: 180-111287-A-92 (A100220061)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220061
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:25 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-92 (# 72)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3663	240	1139234	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220063.DAT
Sample name :CCV Analysed :10/02/2020 18:36

Eager 300 Report

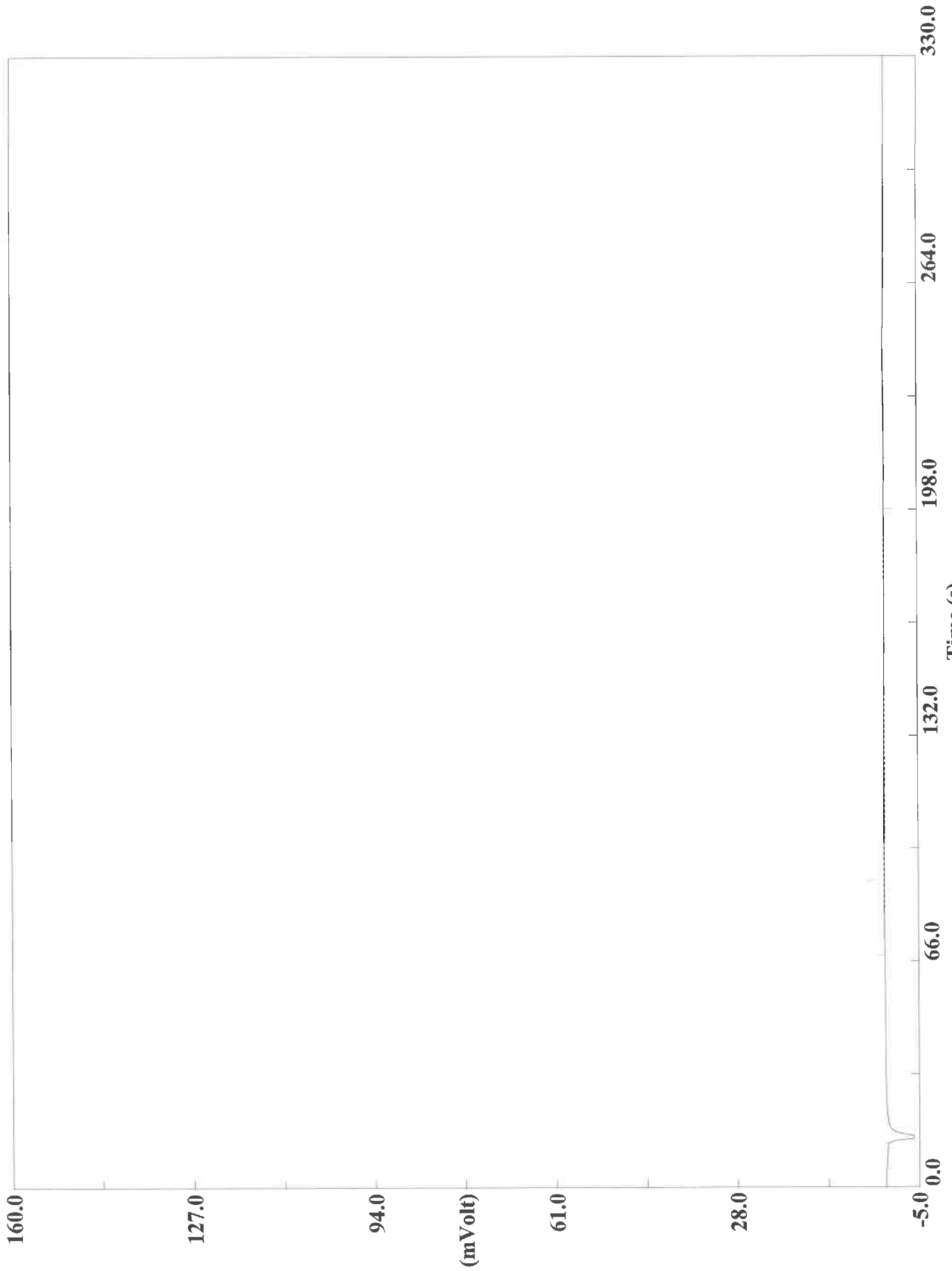
Page: 1 Sample: CCV (A100220063)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220063
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:36 Printed : 10/4/2020 07:27
Sample ID : CCV (# 74)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9890	224	5140340	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220064.DAT
Sample name :CCB Analysed :10/02/2020 18:42

Eager 300 Report

Page: 1 Sample: CCB (A100220064)

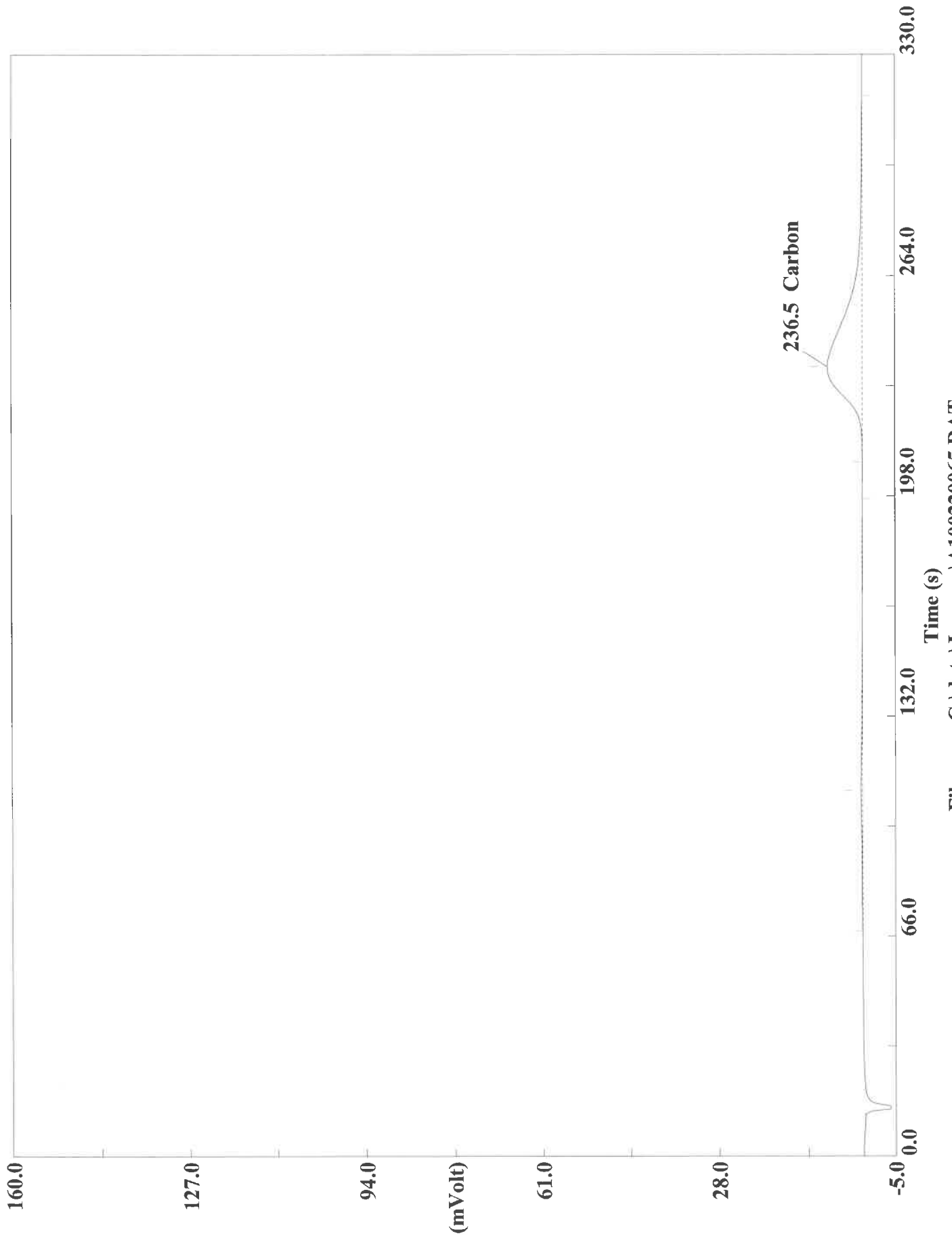
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220064
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:42 Printed : 10/4/2020 07:27
Sample ID : CCB (# 75)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220065.DAT
Sample name :180-111287-A-93 Analysed :10/02/2020 18:48

Eager 300 Report

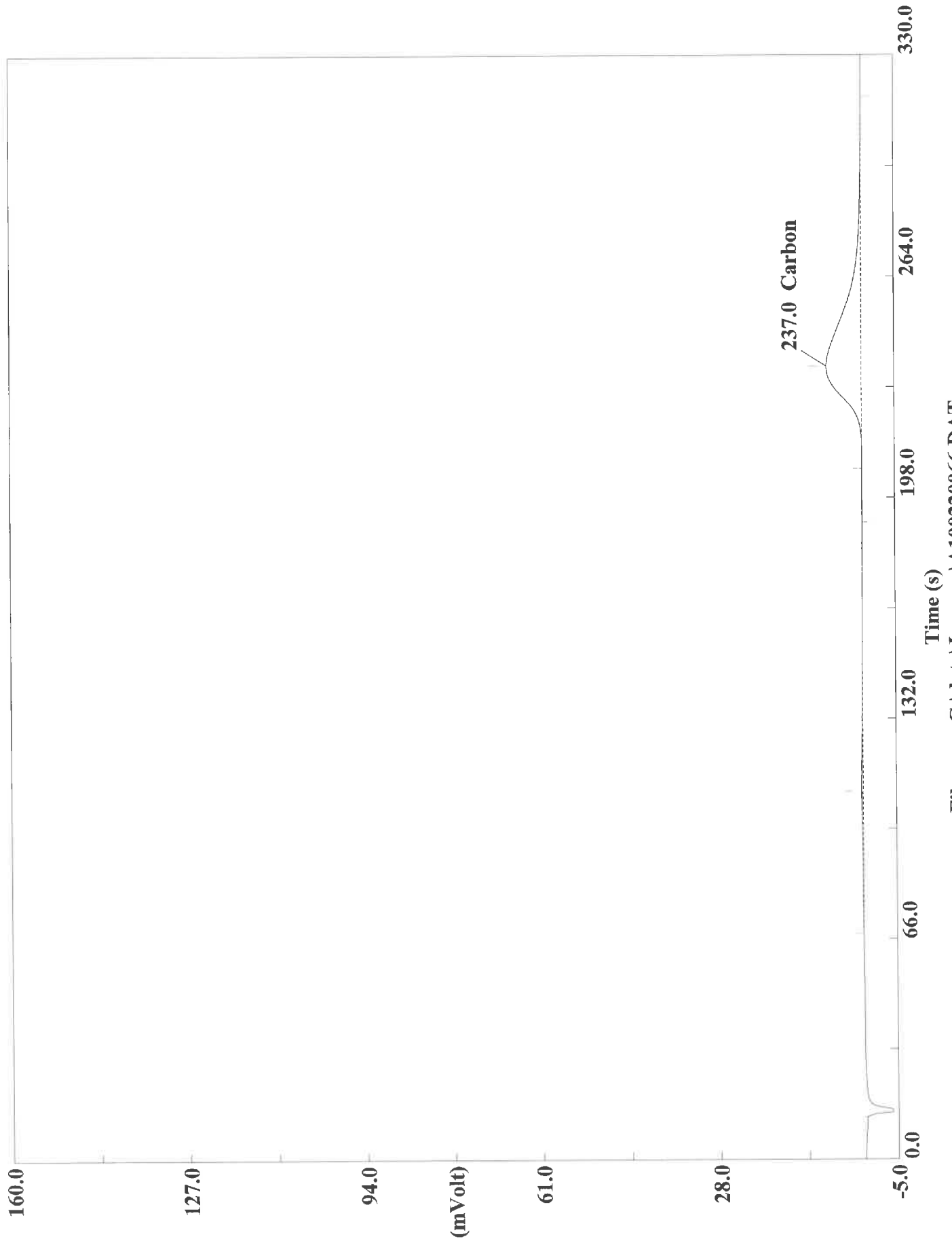
Page: 1 Sample: 180-111287-A-93 (A100220065)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220065
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:48 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-93 (# 76)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5221	237	1772488	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220066.DAT
Sample name :180-111287-A-93 Analysed :10/02/2020 18:53

Eager 300 Report

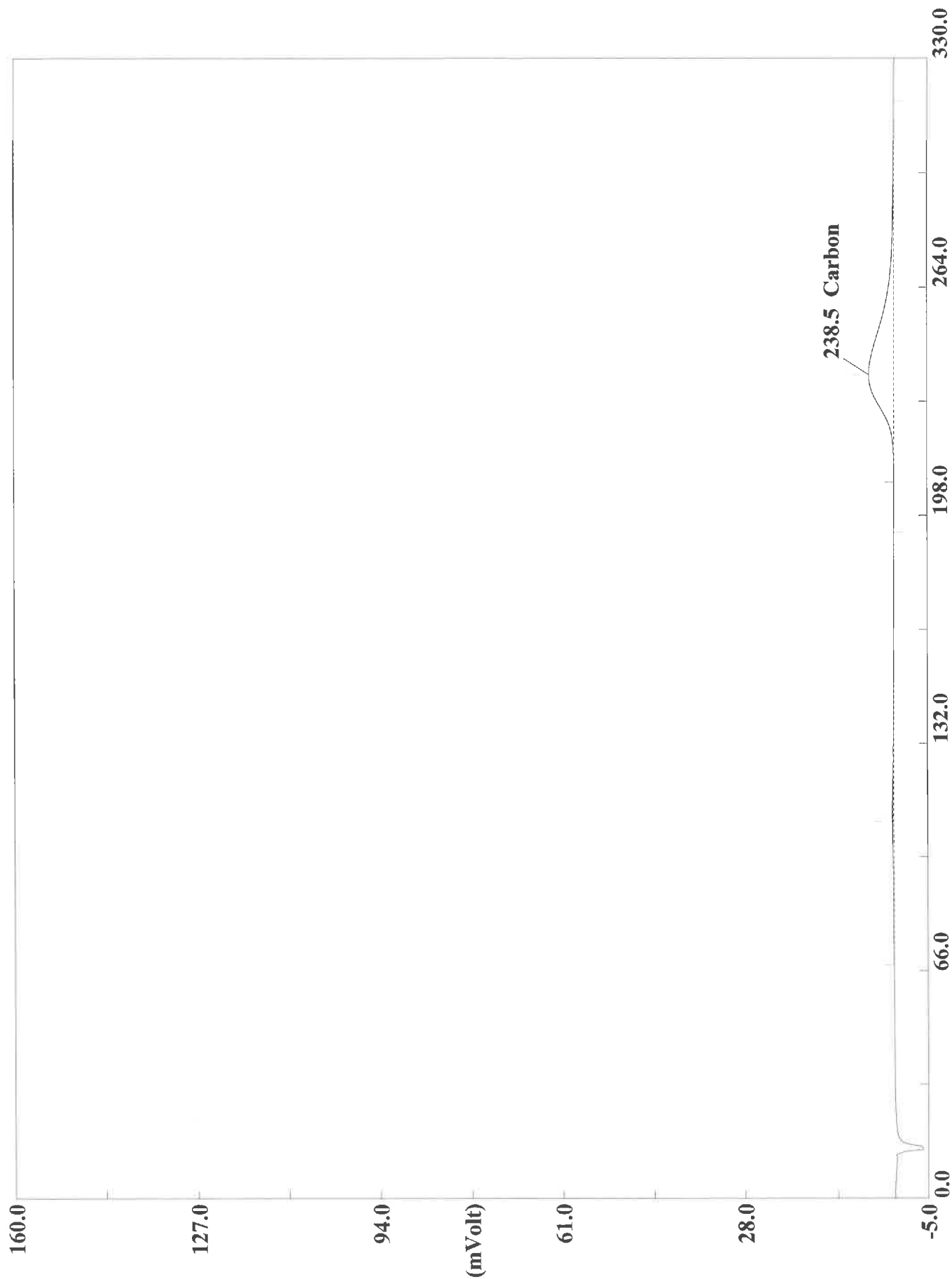
Page: 1 Sample: 180-111287-A-93 (A100220066)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220066
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 18:53 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-93 (# 77)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6910	237	1874649	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220068.DAT
Sample name :180-111287-A-97 Analysed :10/02/2020 19:04

Eager 300 Report

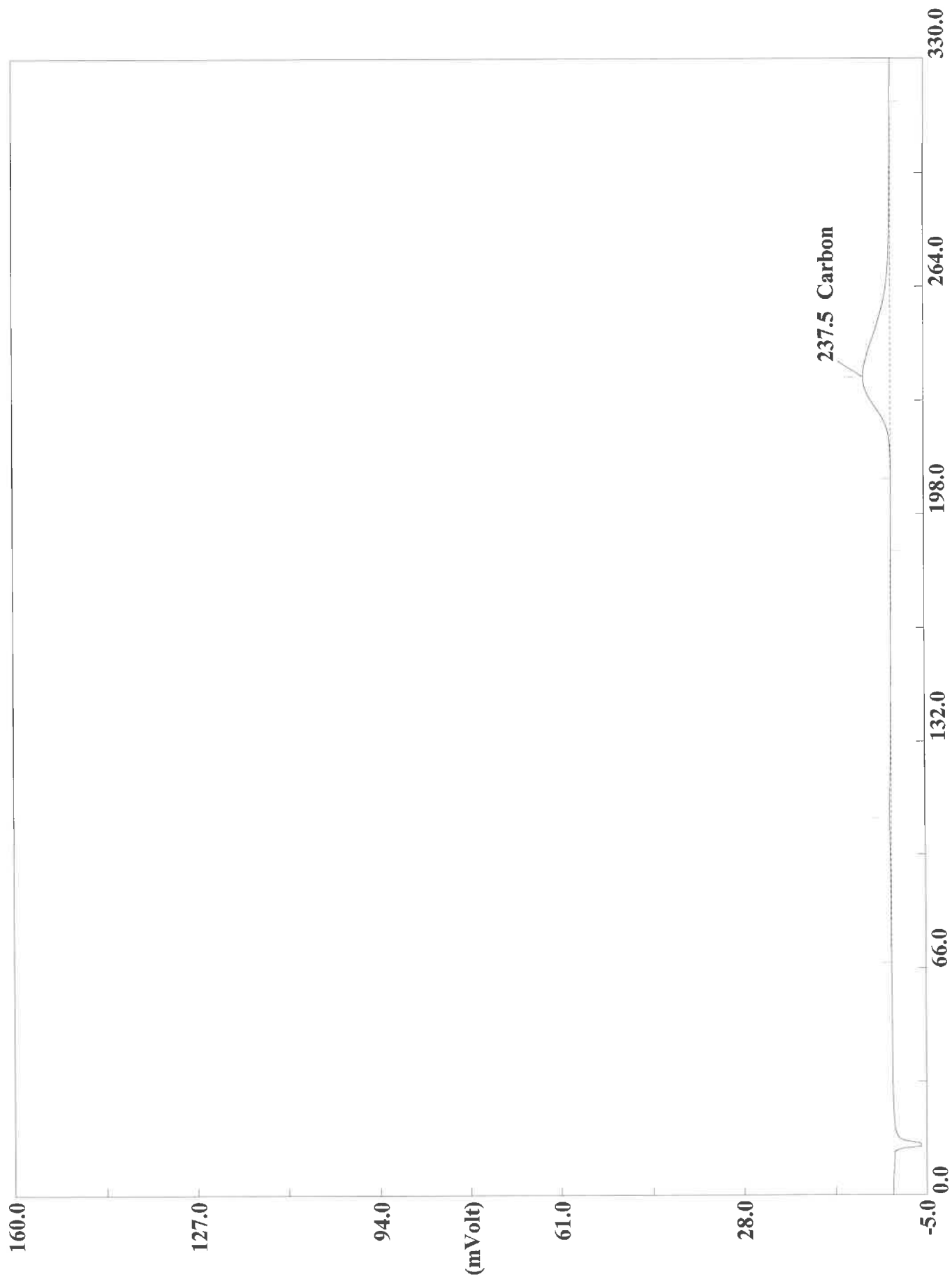
Page: 1 Sample: 180-111287-A-97 (A100220068)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220068
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:04 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-97 (# 79)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1763	239	1278405	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220069.DAT
Sample name :180-111287-A-97 Analysed :10/02/2020 19:10

Eager 300 Report

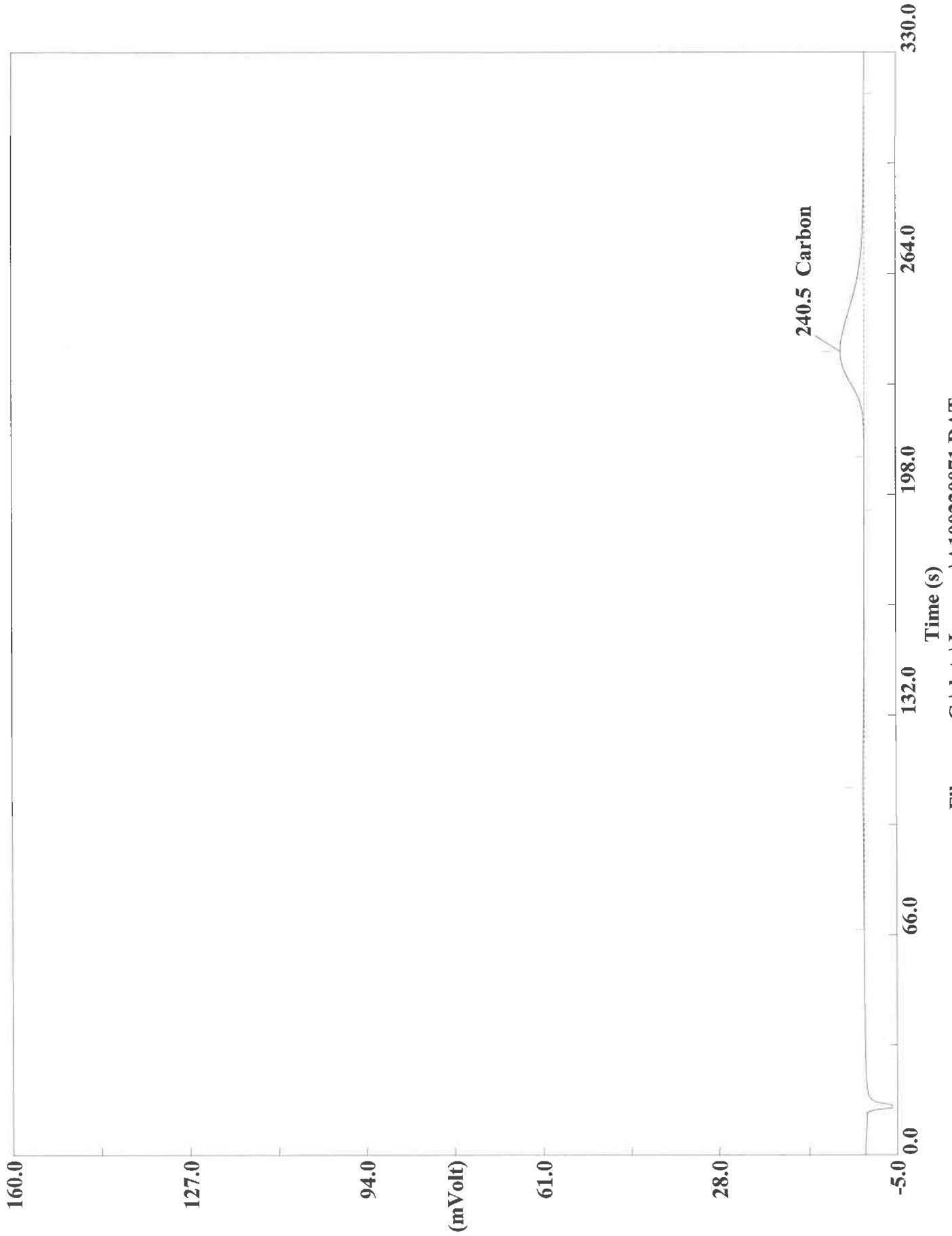
Page: 1 Sample: 180-111287-A-97 (A100220069)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220069
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:10 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-97 (# 80)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1639	238	1301182	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220071.DAT
Sample name :180-111287-A-98 Analysed :10/02/2020 19:21

Eager 300 Report

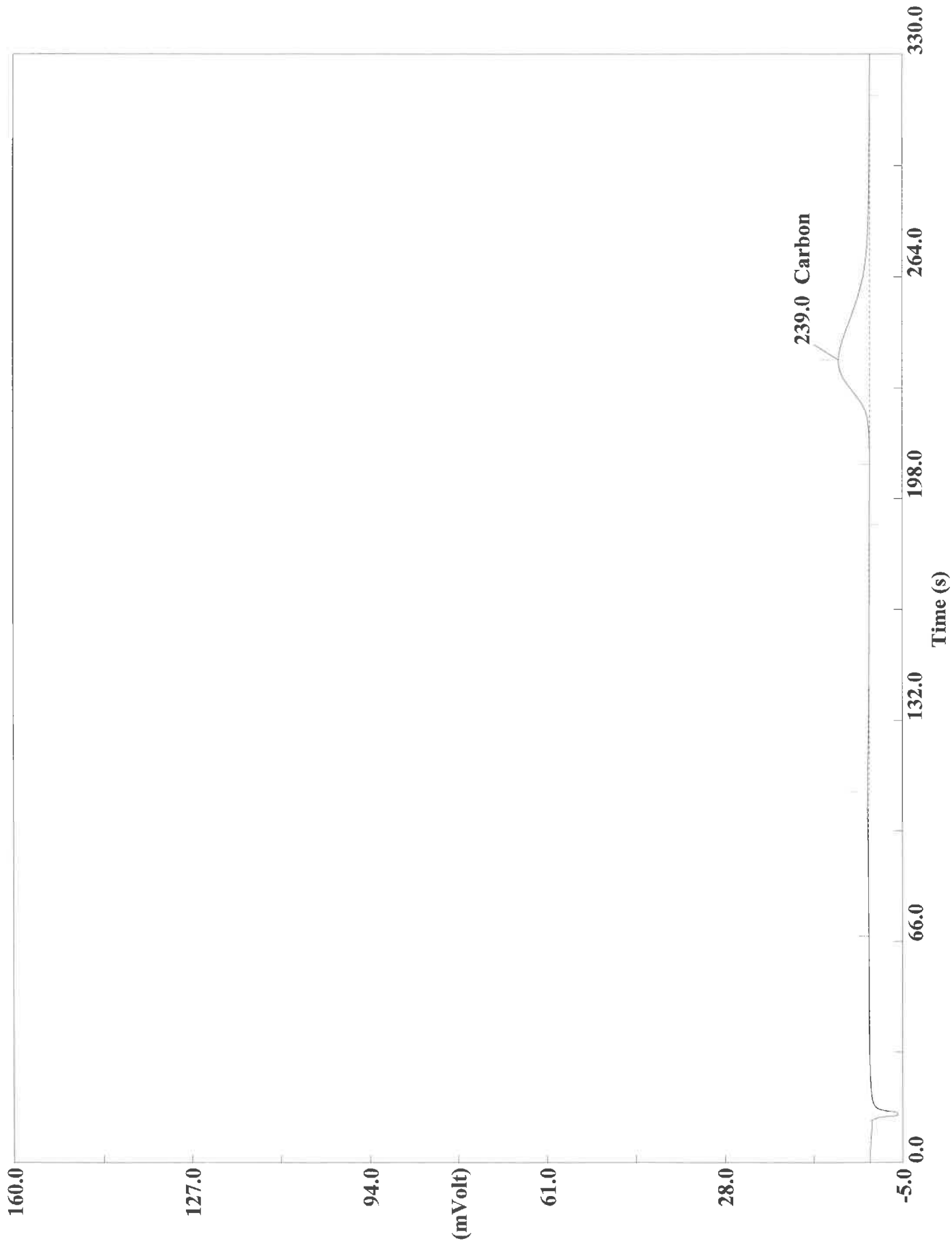
Page: 1 Sample: 180-111287-A-98 (A100220071)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220071
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:21 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-98 (# 82)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2784	241	1251334	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220072.DAT

Sample name :180-111287-A-98 Analysed :10/02/2020 19:27

Eager 300 Report

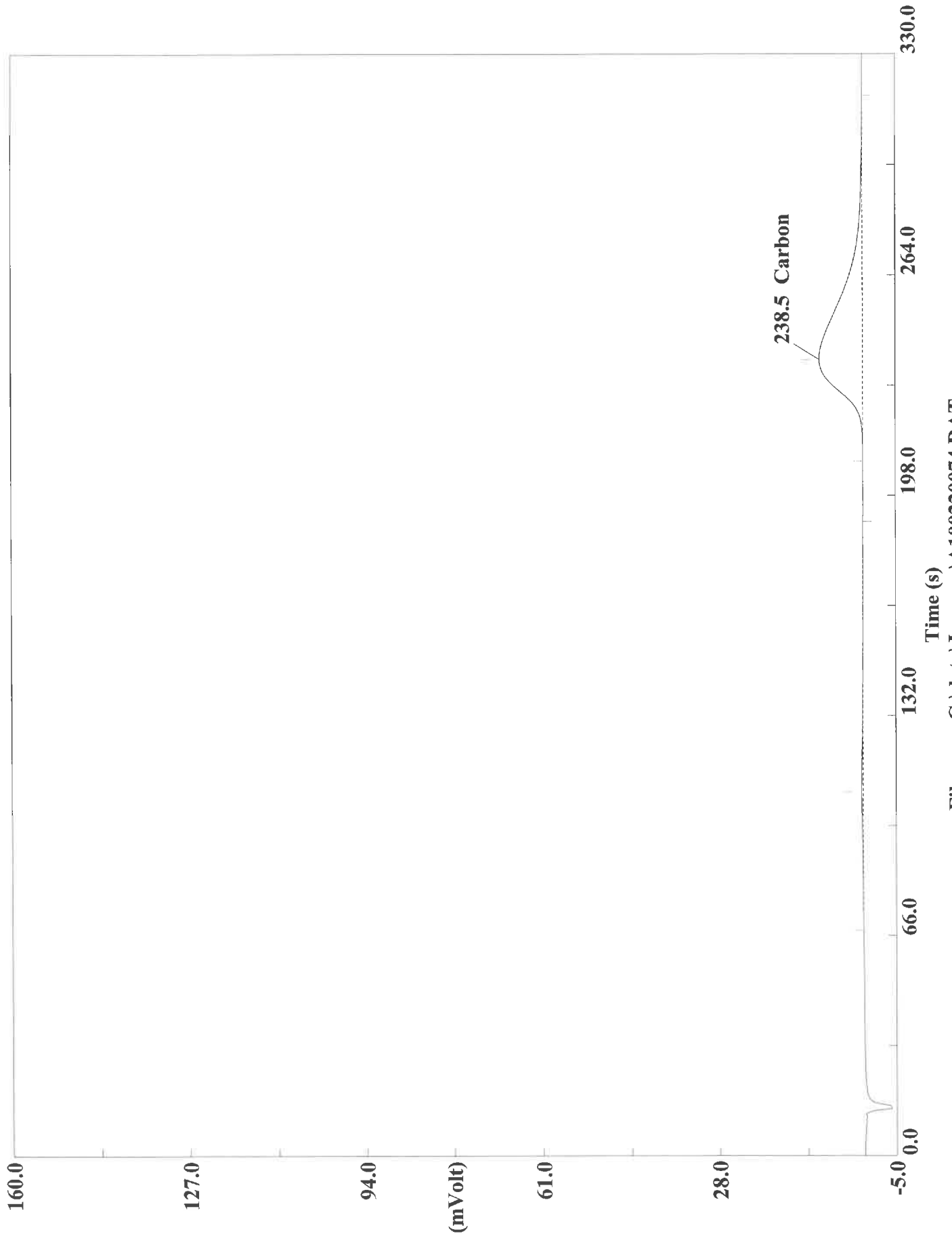
Page: 1 Sample: 180-111287-A-98 (A100220072)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220072
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:27 Printed : 10/4/2020 07:27
Sample ID : 180-111287-A-98 (# 83)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3180	239	1572867	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220074.DAT
Sample name :180-111287-A-99 Analysed :10/02/2020 19:38

Eager 300 Report

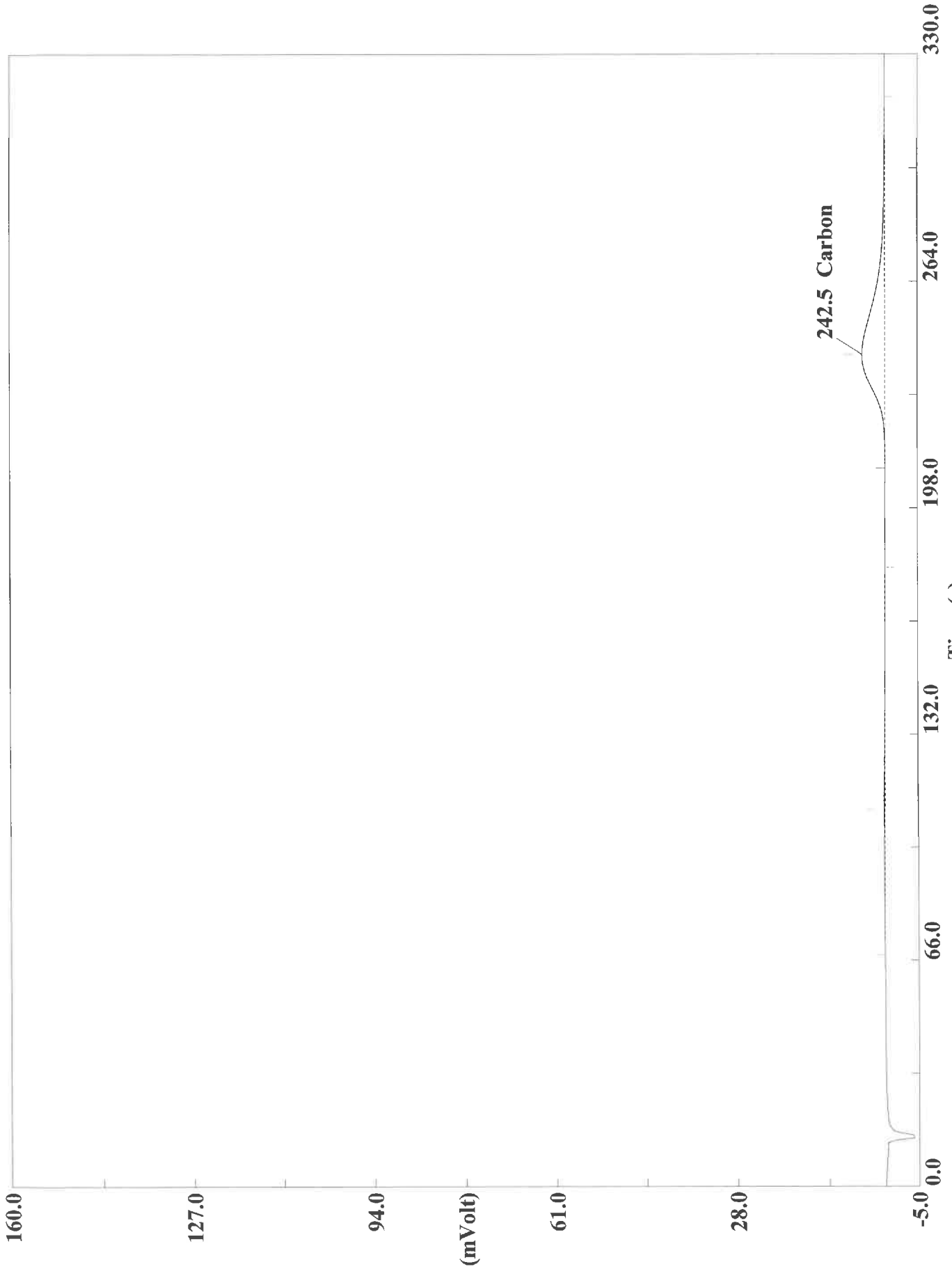
Page: 1 Sample: 180-111287-A-99 (A100220074)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220074
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:38 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-99 (# 85)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2235	239	2483940	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220075.DAT
Sample name :180-111287-A-99 Analysed :10/02/2020 19:44

Eager 300 Report

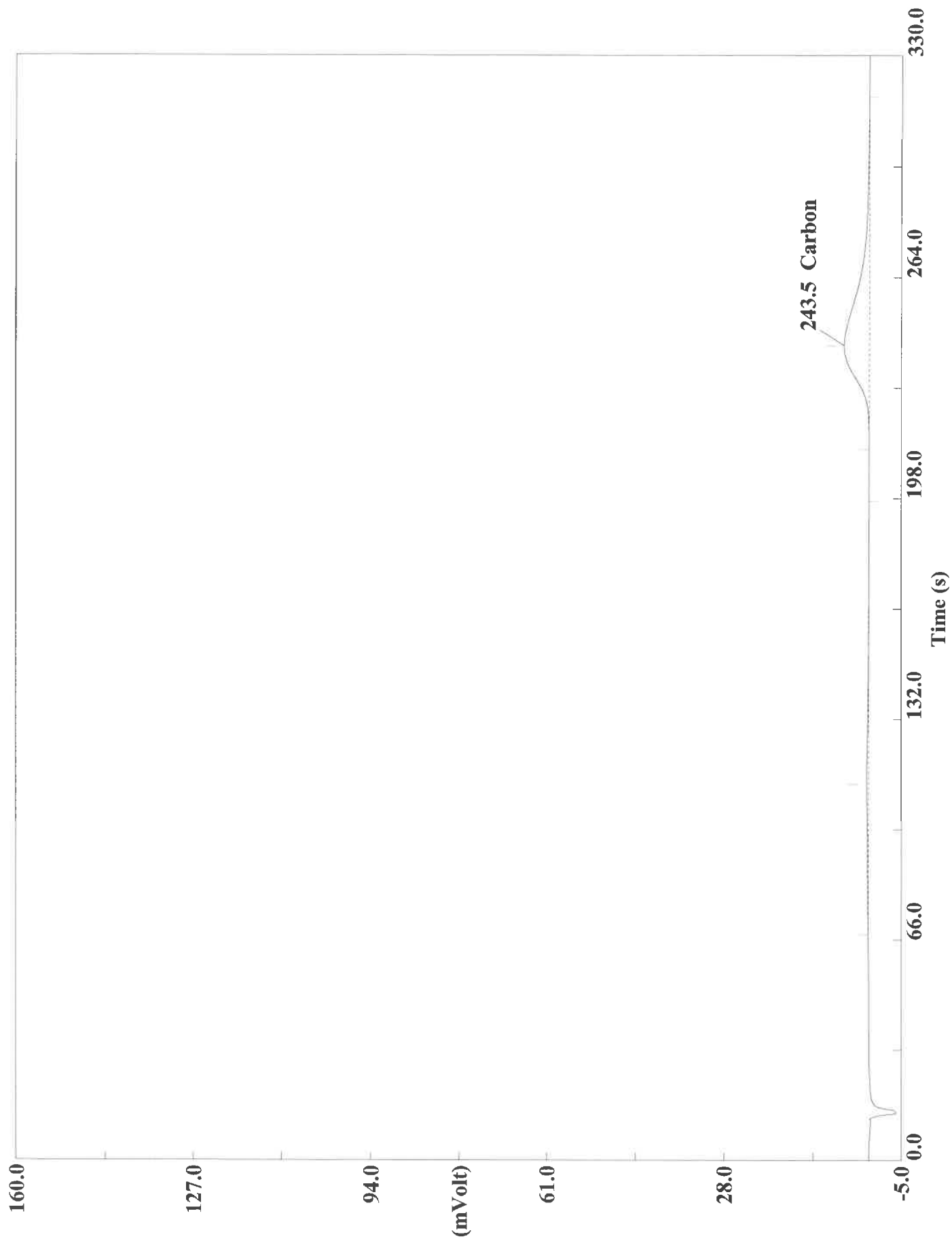
Page: 1 Sample: 180-111287-A-99 (A100220075)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220075
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:44 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-99 (# 86)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2766	243	1196205	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220077.DAT

Sample name : 180-111287-A-100 Analysed : 10/02/2020 19:55

Eager 300 Report

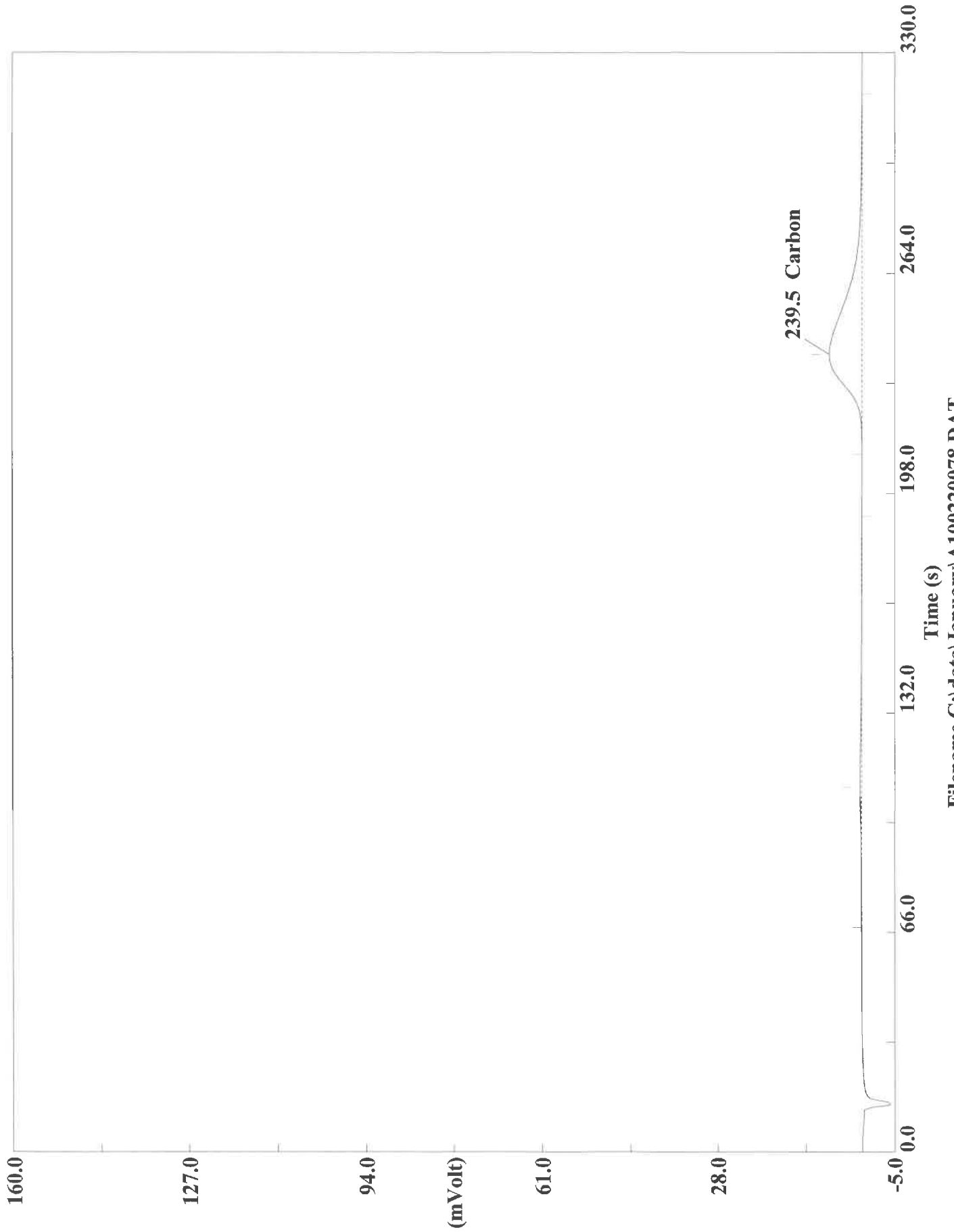
Page: 1 Sample: 180-111287-A-100 (A100220077)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220077
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 19:55 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-100 (# 88)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1361	244	1346676	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220078.DAT

Sample name :180-111287-A-100 Analysed :10/02/2020 20:00

Eager 300 Report

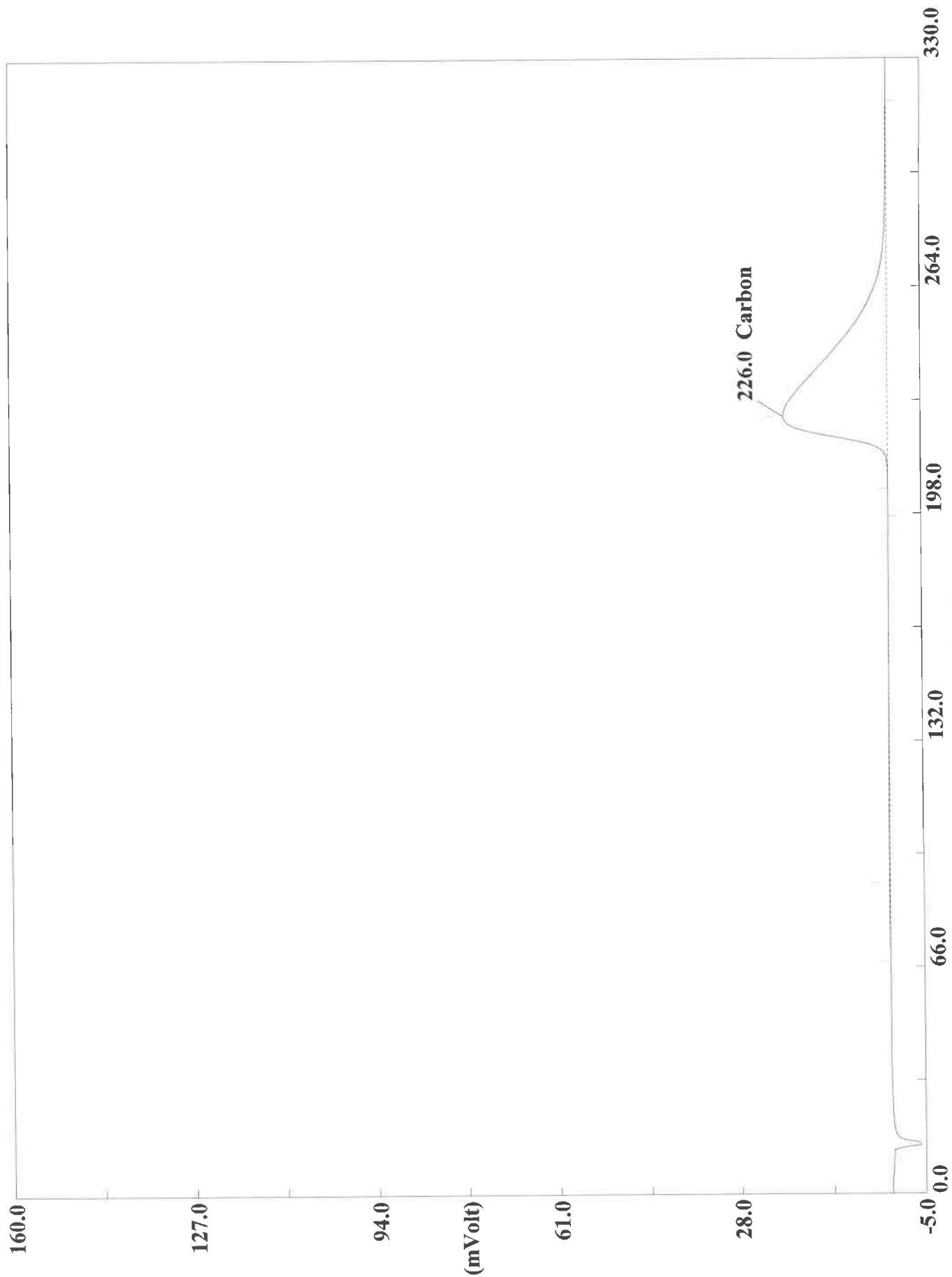
Page: 1 Sample: 180-111287-A-100 (A100220078)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220078
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:00 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-100 (# 89)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3382	240	1730177	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220080.DAT
Sample name :CCV Analysed :10/02/2020 20:11

Eager 300 Report

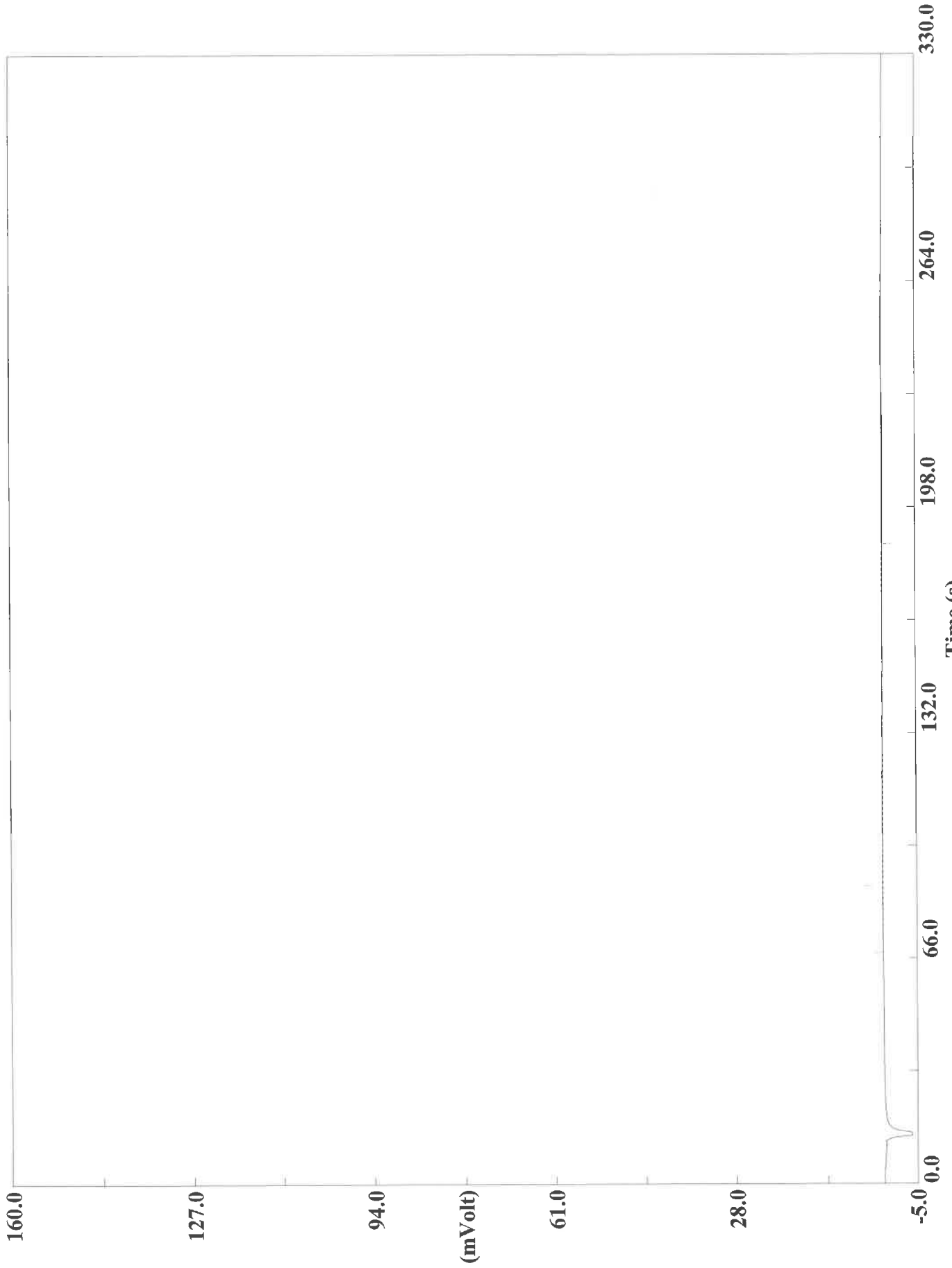
Page: 1 Sample: CCV (A100220080)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220080
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:11 Printed : 10/4/2020 07:28
Sample ID : CCV (# 91)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9919	226	5155402	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220081.DAT
Sample name :CCB Analysed :10/02/2020 20:17

Eager 300 Report

Page: 1 Sample: CCB (A100220081)

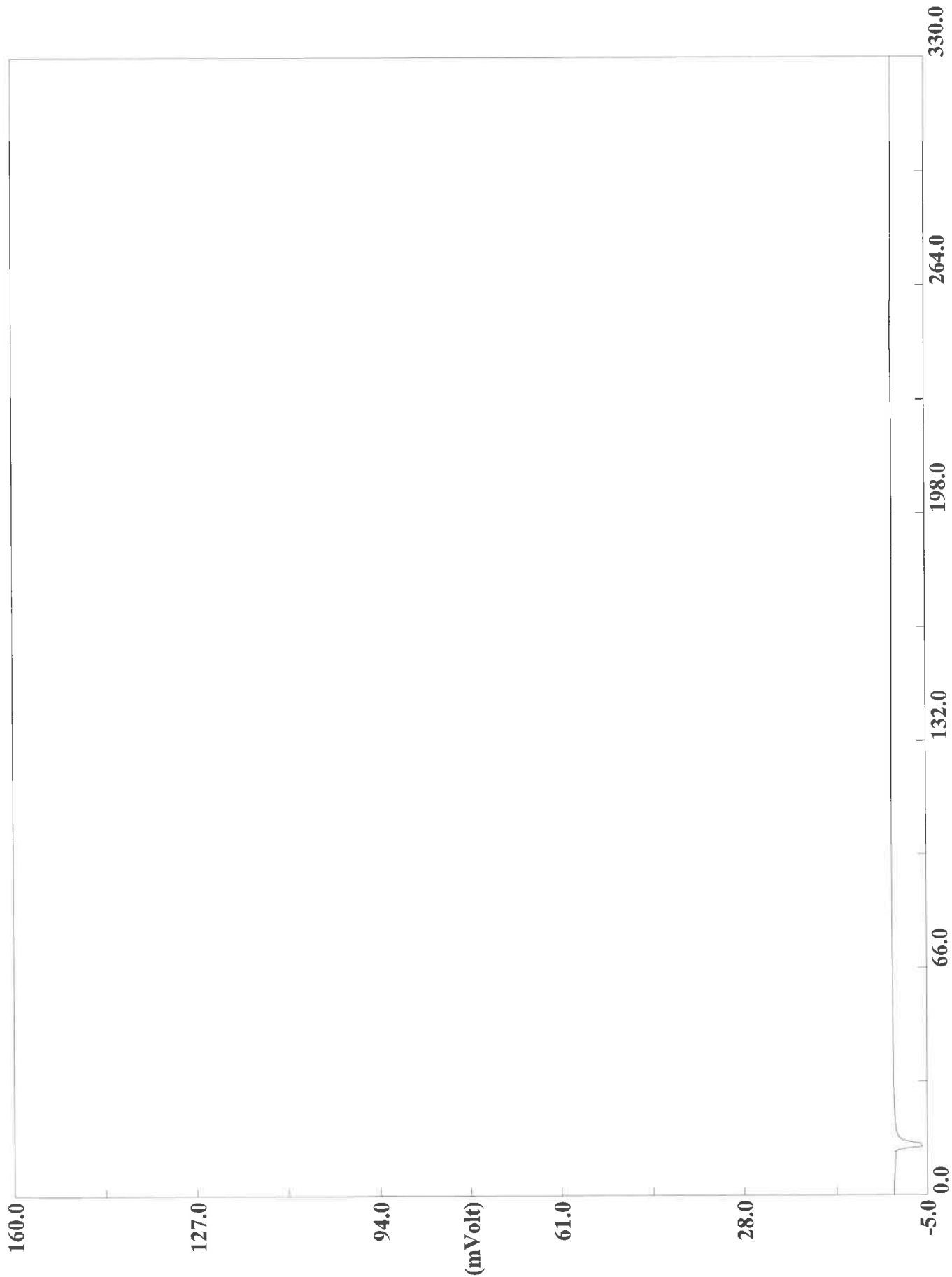
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220081
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:17 Printed : 10/4/2020 07:28
Sample ID : CCB (# 92)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220082.DAT
Sample name :MB Analysed :10/02/2020 20:23

Eager 300 Report

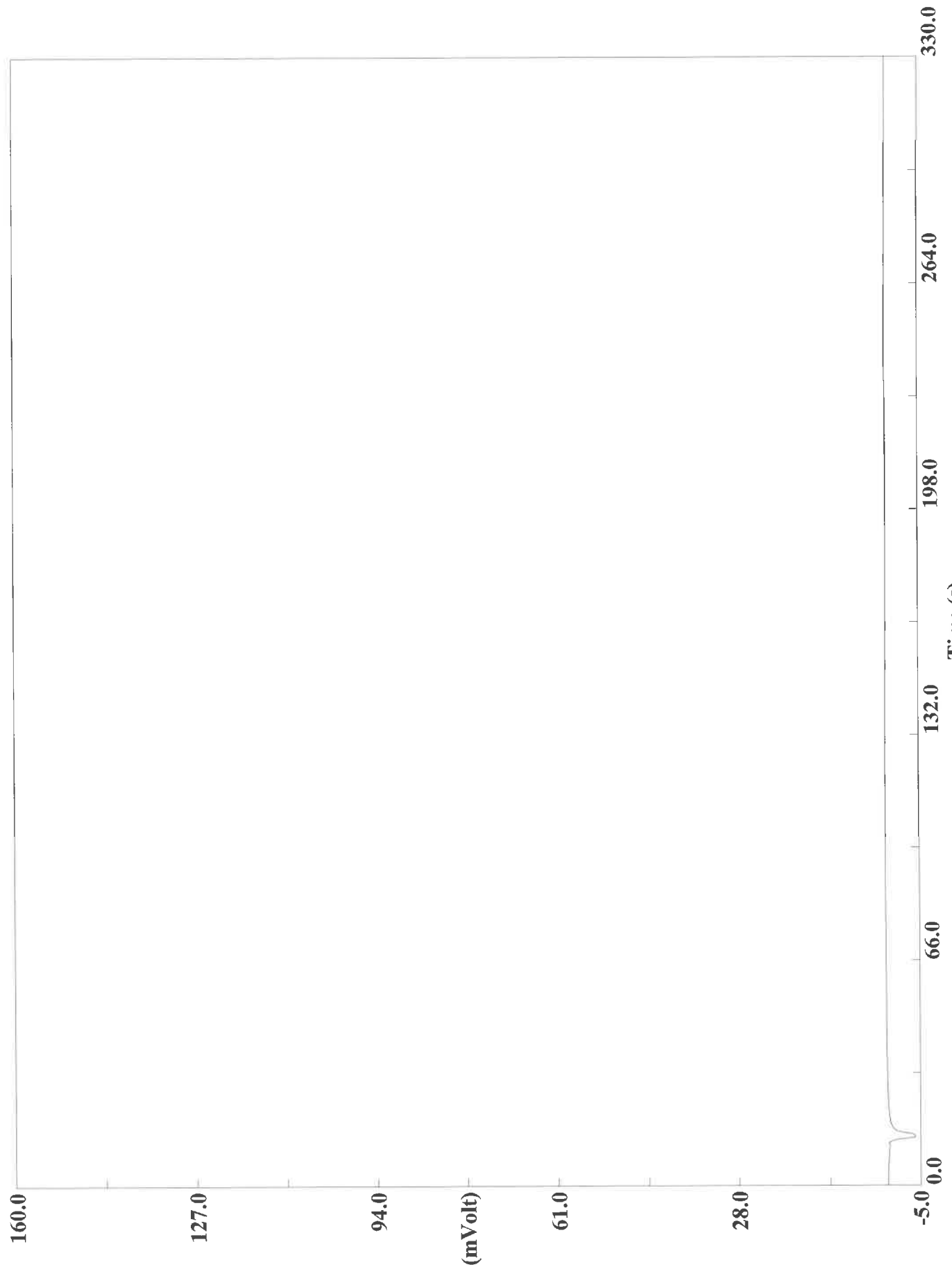
Page: 1 Sample: MB (A100220082)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220082
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:23 Printed : 10/4/2020 07:28
Sample ID : MB (# 93)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220083.DAT
Sample name :MB Analysed :10/02/2020 20:28

Eager 300 Report

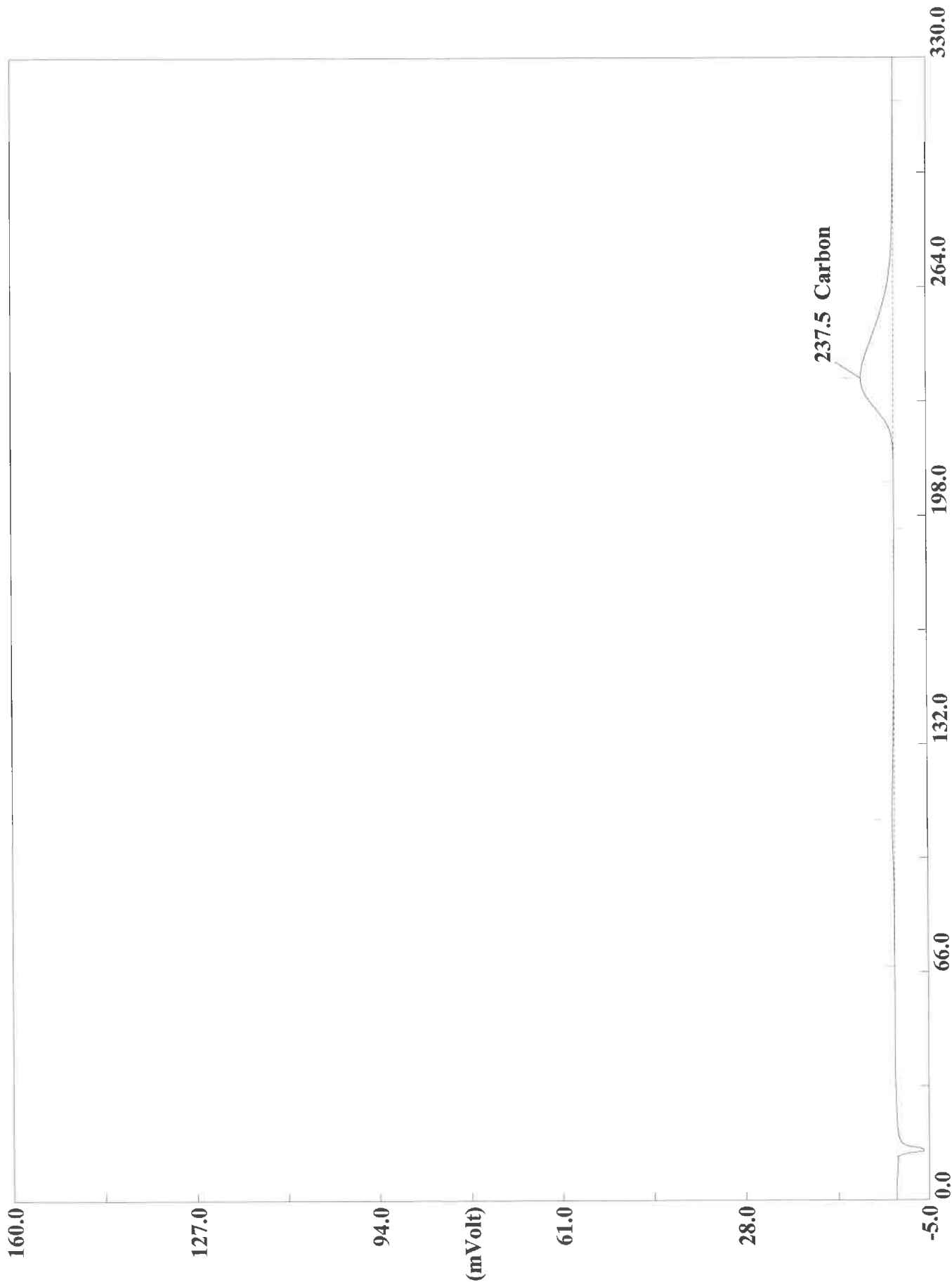
Page: 1 Sample: MB (A100220083)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220083
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:28 Printed : 10/4/2020 07:28
Sample ID : MB (# 94)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220084.DAT
Sample name :LCS Analysed :10/02/2020 20:34

Eager 300 Report

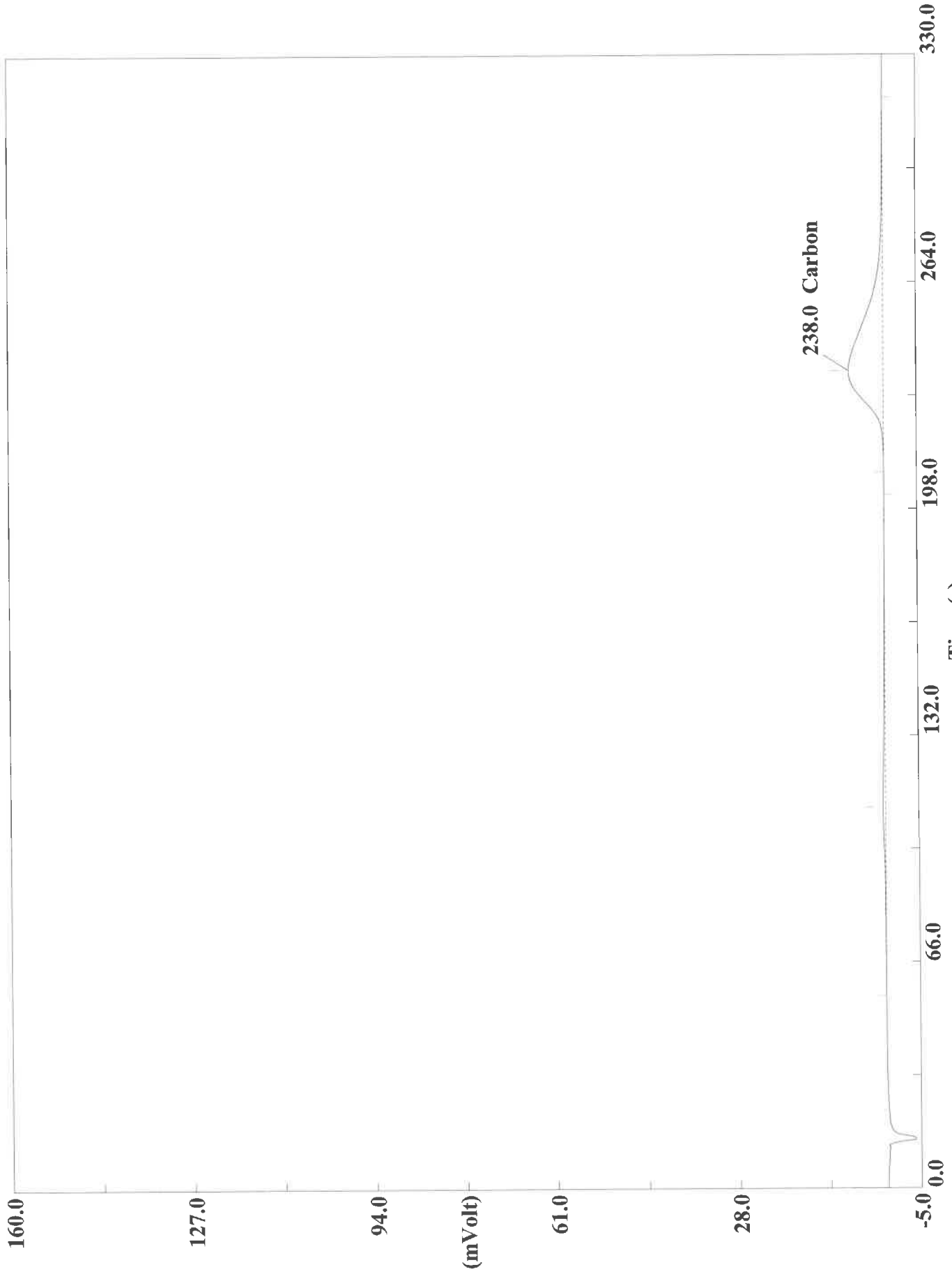
Page: 1 Sample: LCS (A100220084)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220084
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:34 Printed : 10/4/2020 07:28
Sample ID : LCS (# 95)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2132	238	1637315	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220085.DAT
Sample name : LCS Analysed : 10/02/2020 20:39

Eager 300 Report

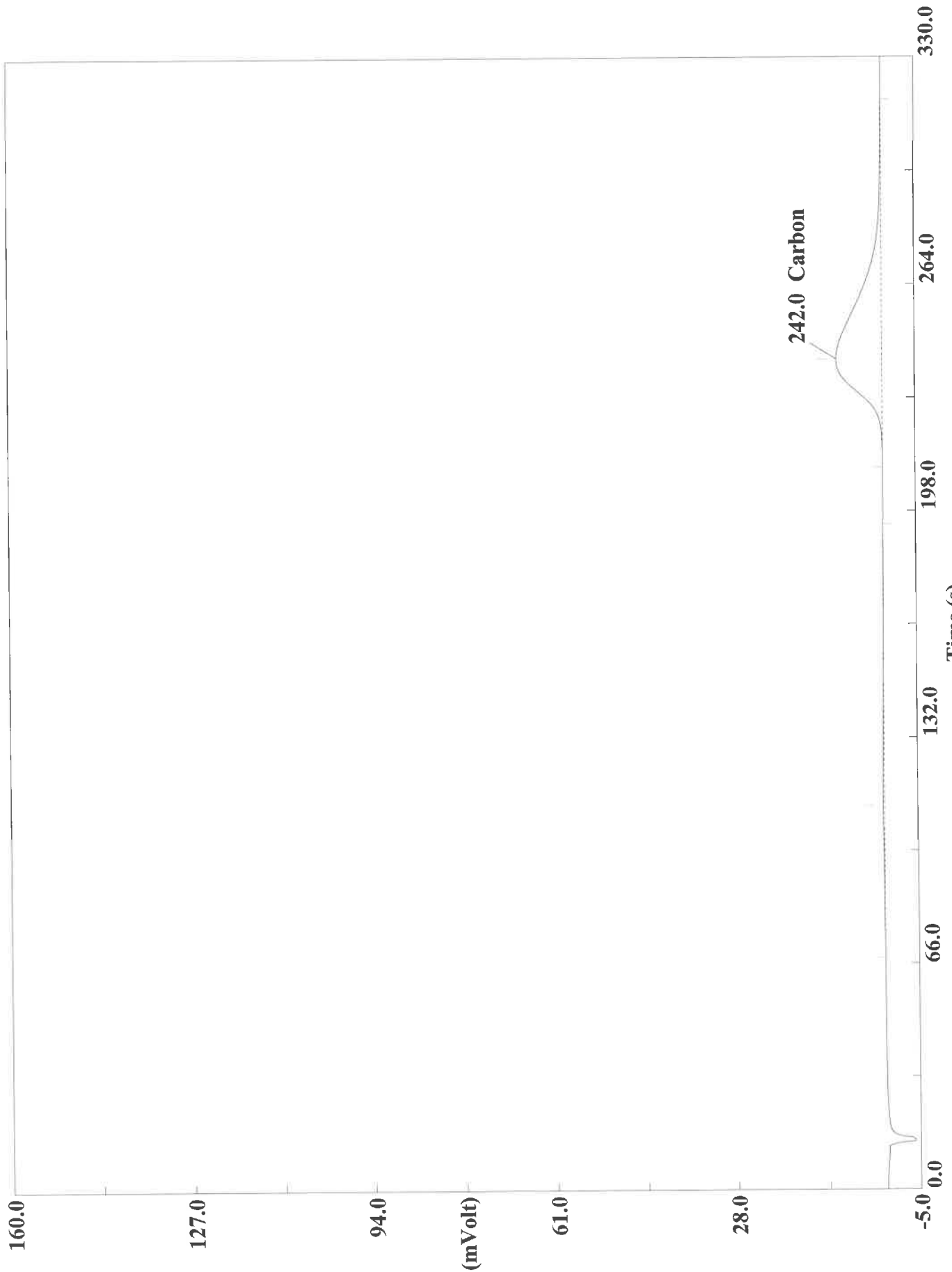
Page: 1 Sample: LCS (A100220085)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220085
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:39 Printed : 10/4/2020 07:28
Sample ID : LCS (# 96)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 9.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.5931	238	1739873	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220086.DAT
Sample name : 180-111287-A-101 Analysed : 10/02/2020 20:45

Eager 300 Report

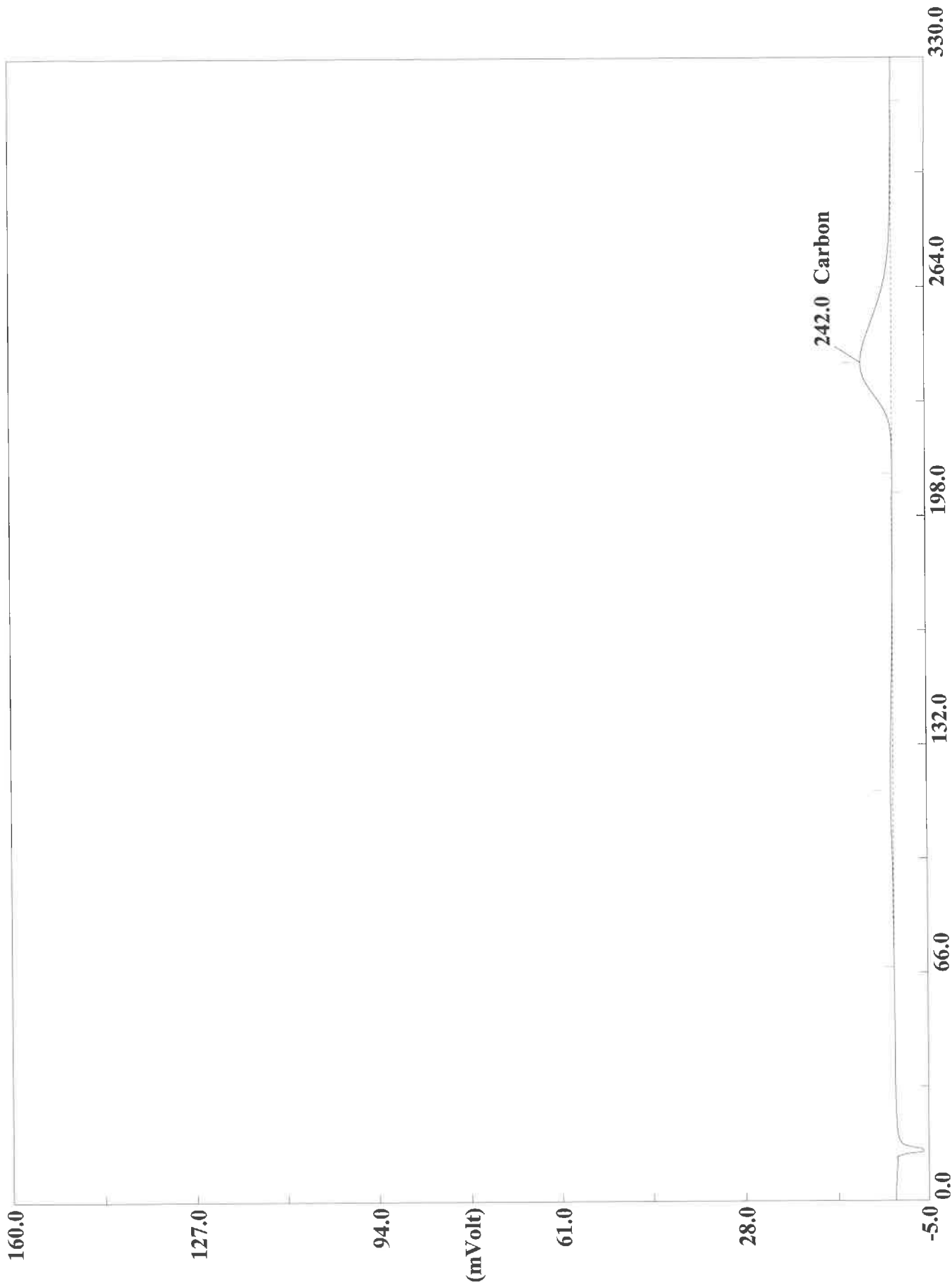
Page: 1 Sample: 180-111287-A-101 (A100220086)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220086
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:45 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-101 (# 97)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.2184	242	2489834	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220087.DAT
Sample name :180-111287-A-101 Analysed :10/02/2020 20:51

Eager 300 Report

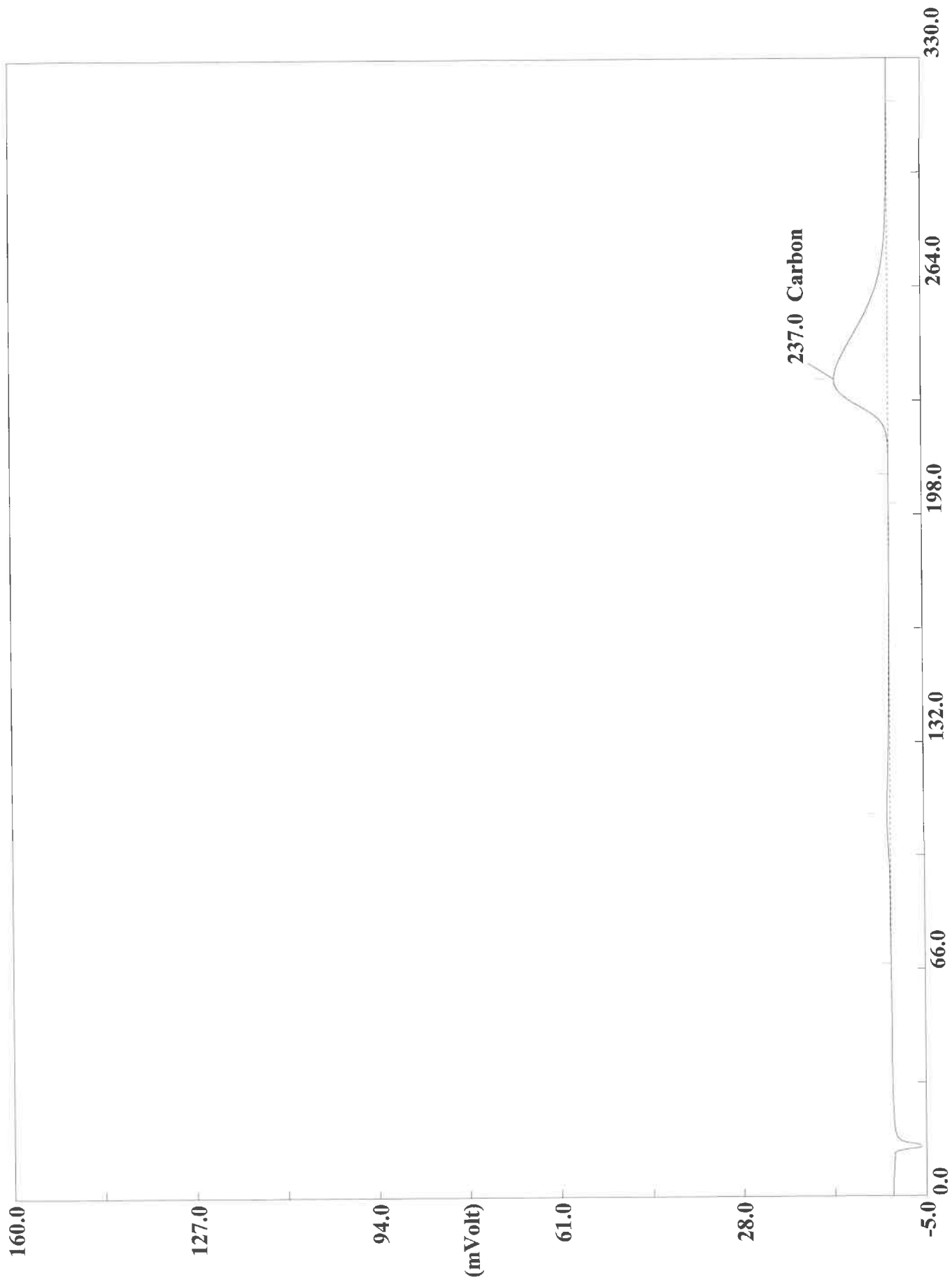
Page: 1 Sample: 180-111287-A-101 (A100220087)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220087
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 20:51 Printed : 10/4/2020 07:28
Sample ID : 180-111287-A-101 (# 98)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2206	242	1582446	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220089.DAT
Sample name :180-111287-A-101MS Analysed :10/02/2020 21:02

Eager 300 Report

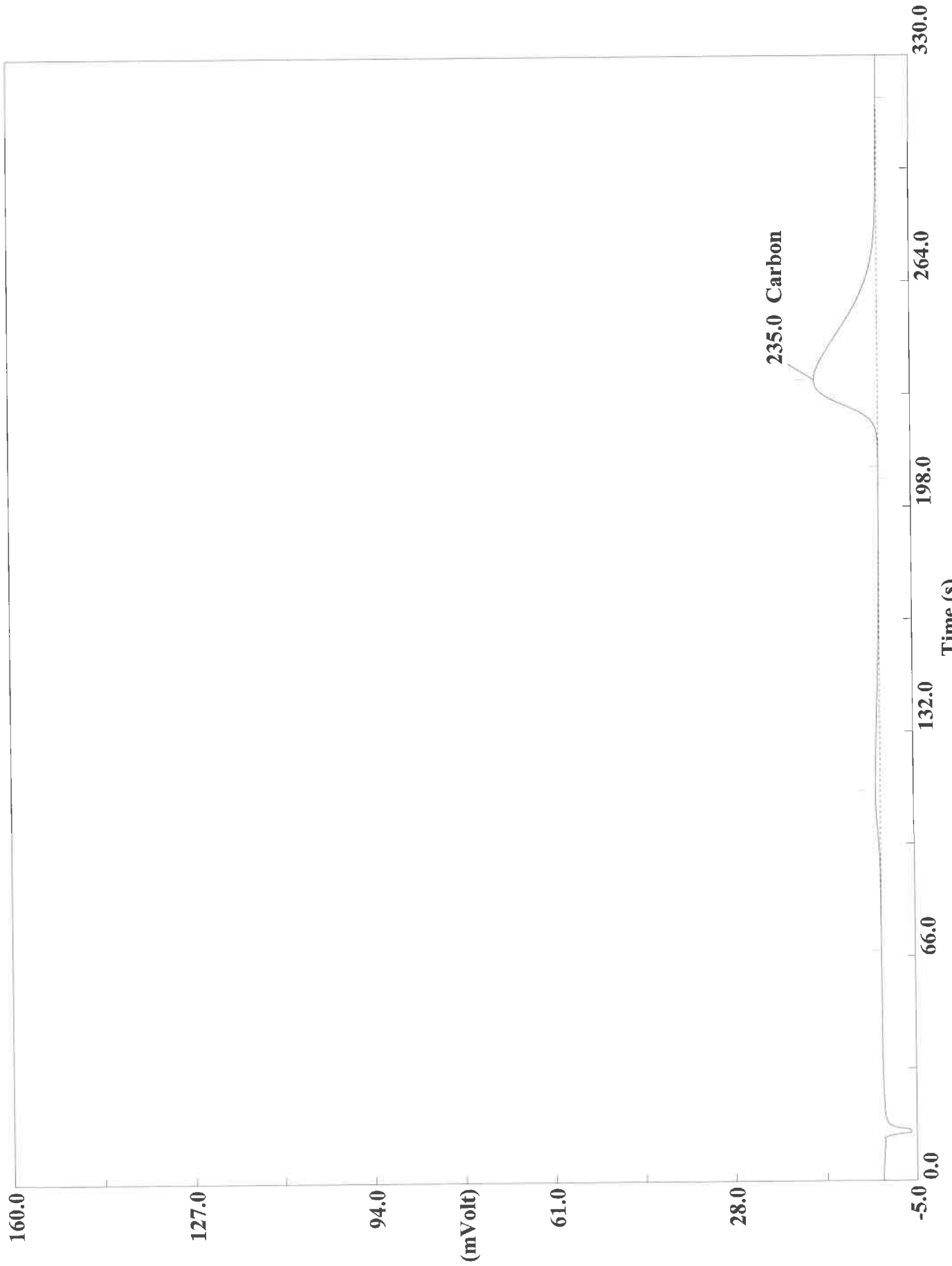
Page: 1 Sample: 180-111287-A-101MS (A100220089)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220089
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:02 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-101MS (# 100)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5854	237	2635663	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220090.DAT
Sample name :180-111287-A-101MS Analysed :10/02/2020 21:07

Eager 300 Report

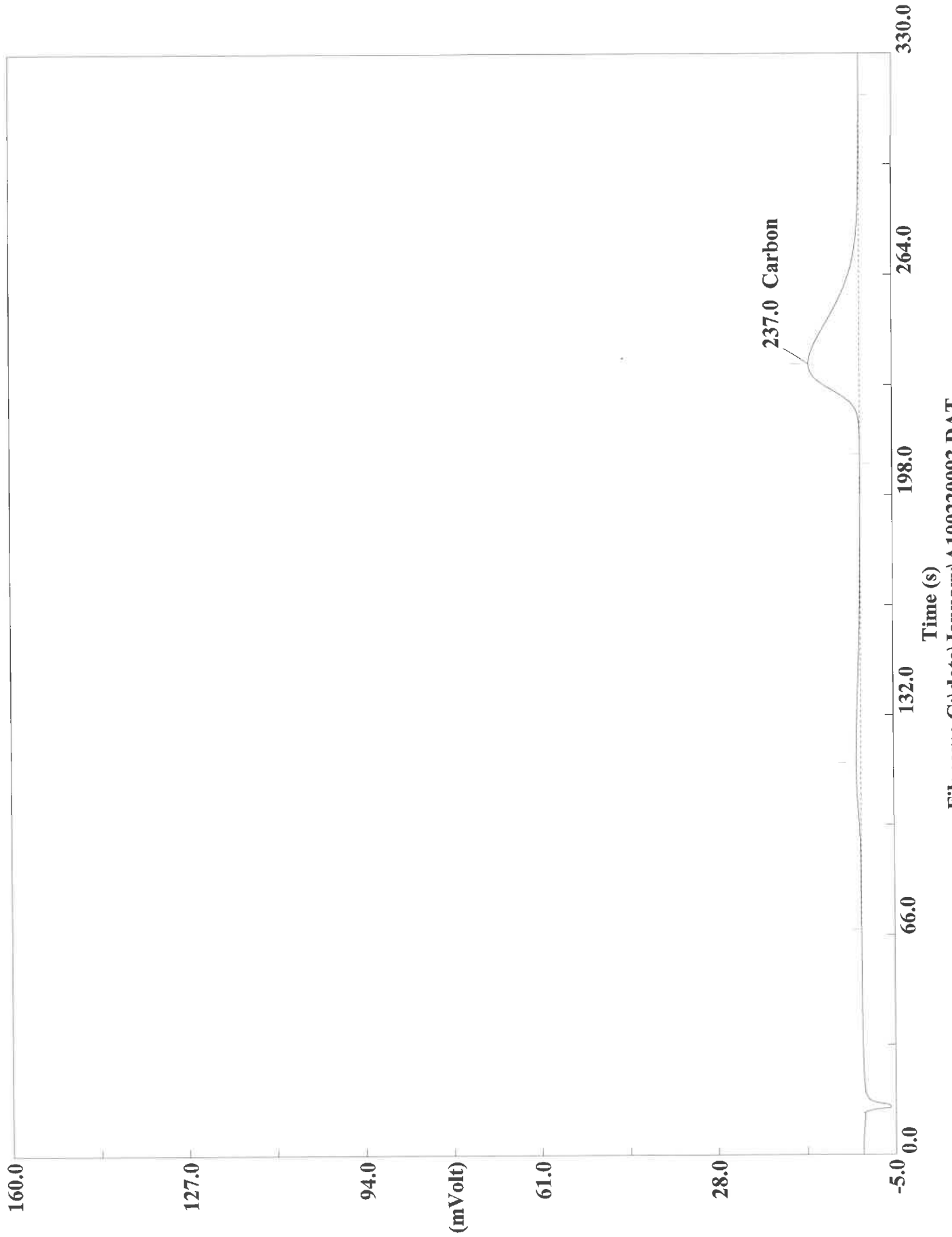
Page: 1 Sample: 180-111287-A-101MS (A100220090)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220090
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:07 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-101MS (# 101)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0601	235	3187769	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220092.DAT

Sample name : 180-111287-A-101MSD Analysed : 10/02/2020 21:18

Eager 300 Report

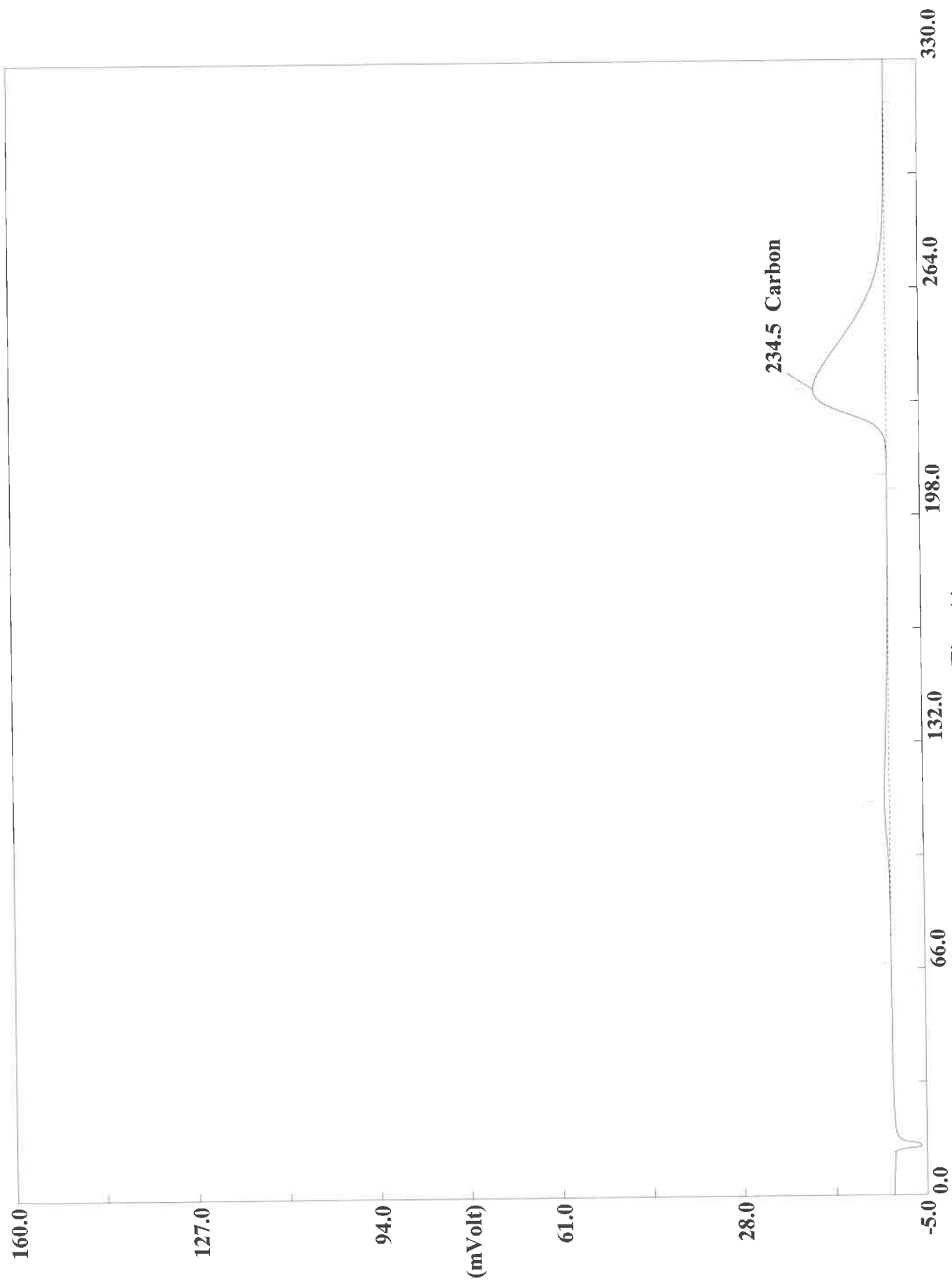
Page: 1 Sample: 180-111287-A-101MSD (A100220092)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220092
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:18 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-101MSD (# 103)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.5950	237	2591367	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220093.DAT

Sample name : 180-111287-A-101MSD Analysed : 10/02/2020 21:24

Eager 300 Report

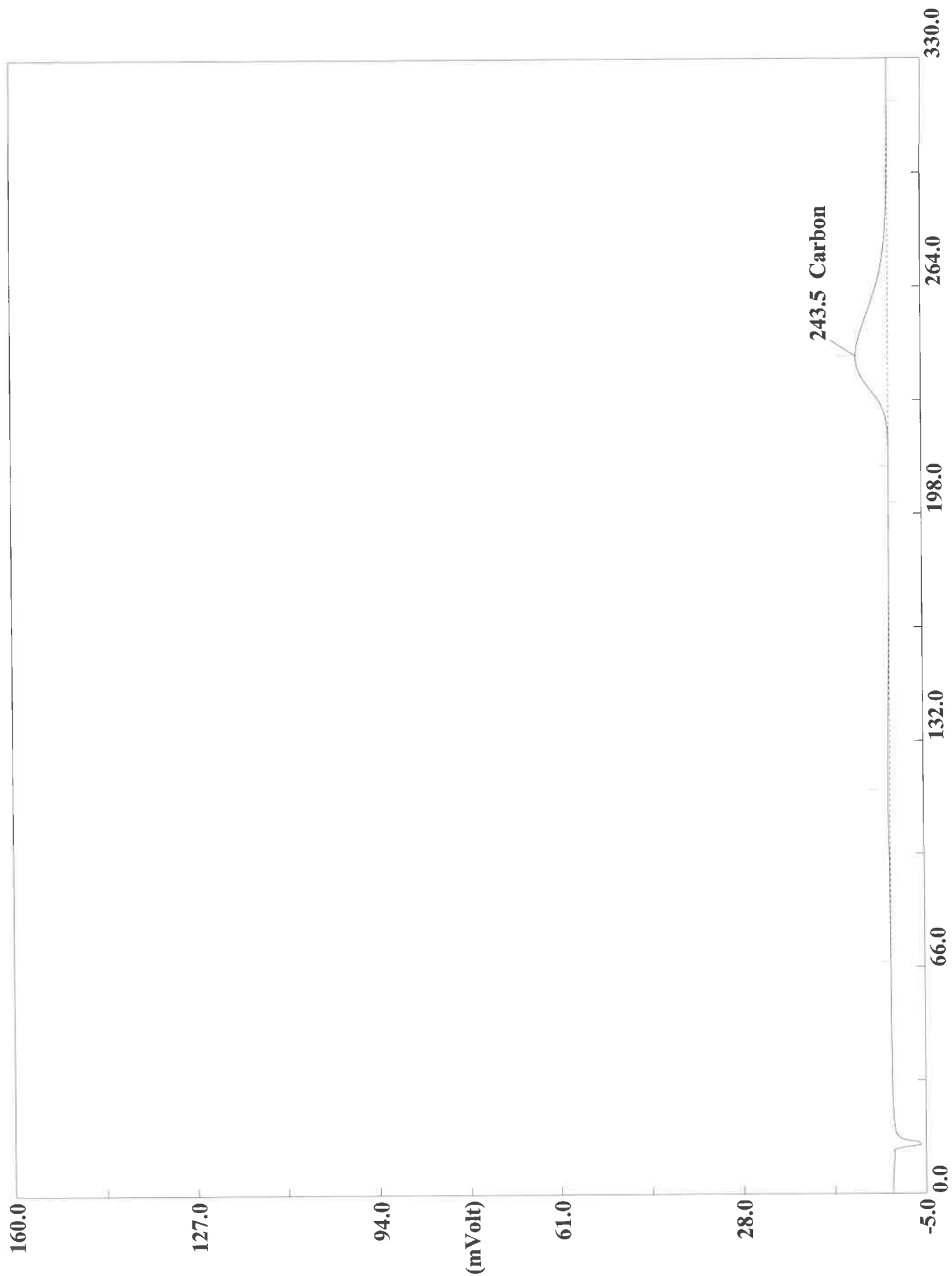
Page: 1 Sample: 180-111287-A-101MSD (A100220093)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220093
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:24 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-101MSD (# 104)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8620	235	3577697	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220095.DAT
Sample name : 180-111287-A-102 Analysed : 10/02/2020 21:35

Eager 300 Report

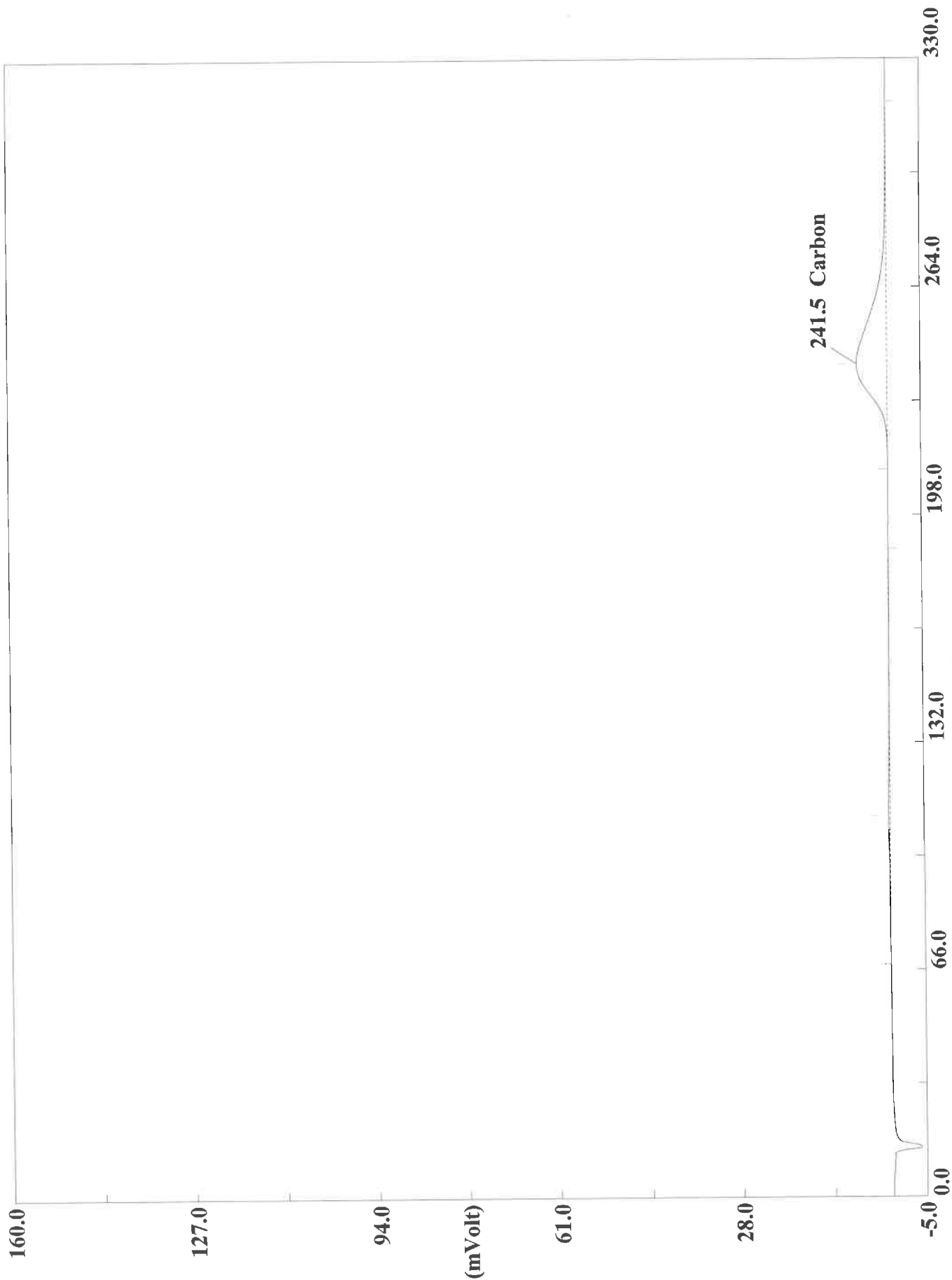
Page: 1 Sample: 180-111287-A-102 (A100220095)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220095
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:35 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-102 (# 106)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5878	244	1709045	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220096.DAT
Sample name :180-111287-A-102 Analysed :10/02/2020 21:41

Eager 300 Report

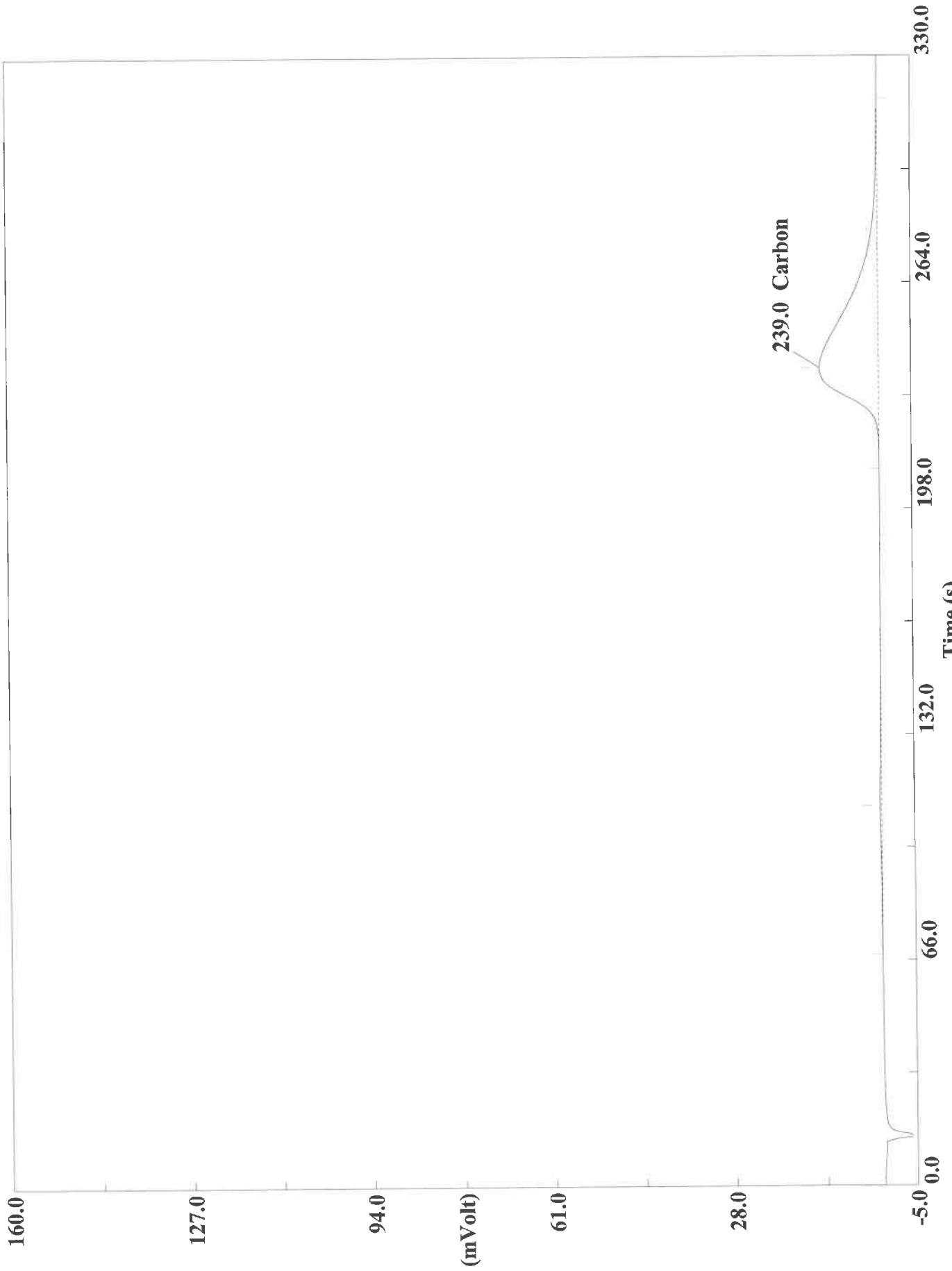
Page: 1 Sample: 180-111287-A-102 (A100220096)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220096
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:41 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-102 (# 107)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5457	242	1461316	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220098.DAT
Sample name : 180-111287-A-103 Analysed : 10/02/2020 21:52

Eager 300 Report

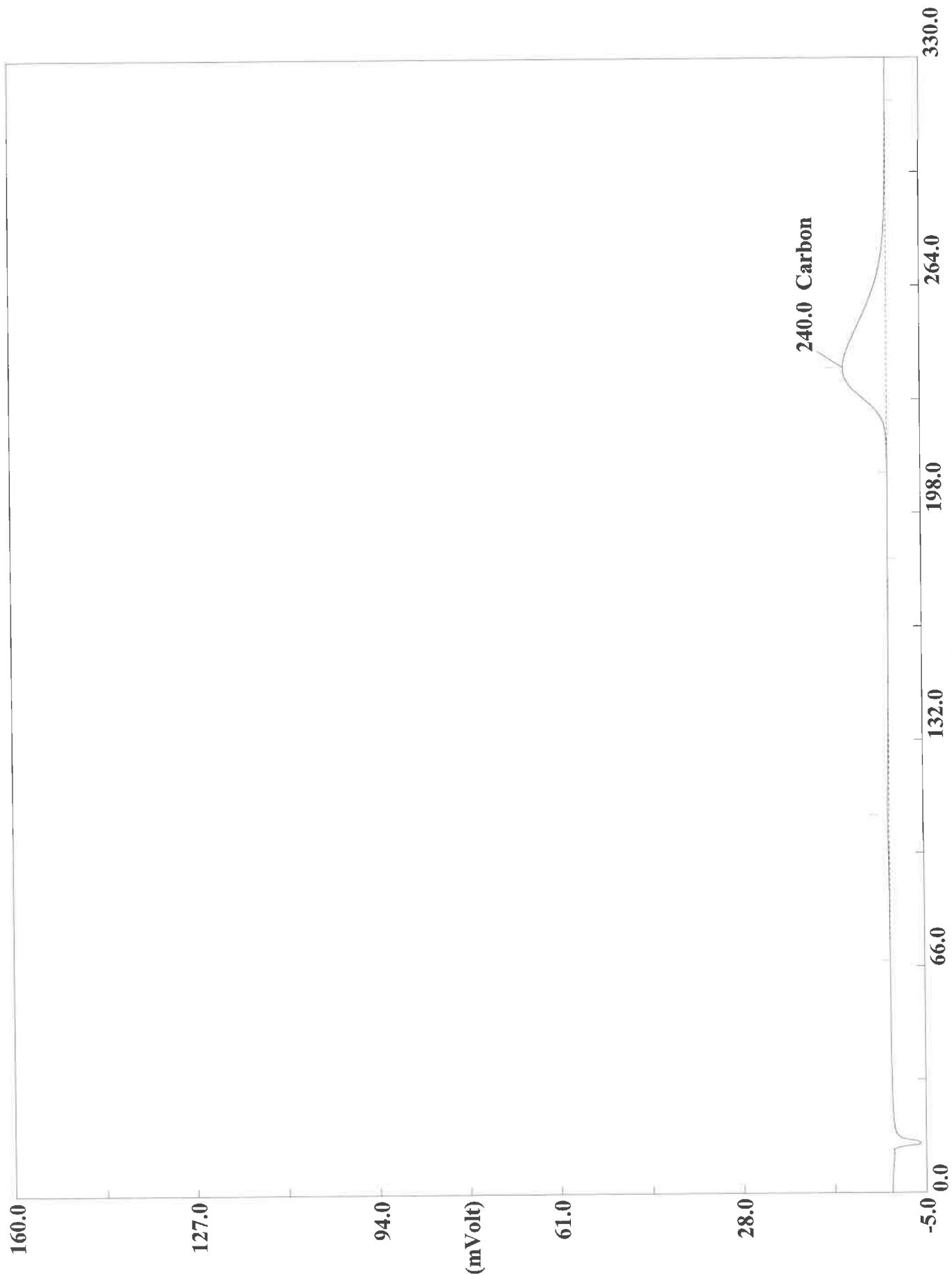
Page: 1 Sample: 180-111287-A-103 (A100220098)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220098
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:52 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-103 (# 109)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7063	239	3296899	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220099.DAT

Sample name : 180-111287-A-103 Analysed : 10/02/2020 21:57

Eager 300 Report

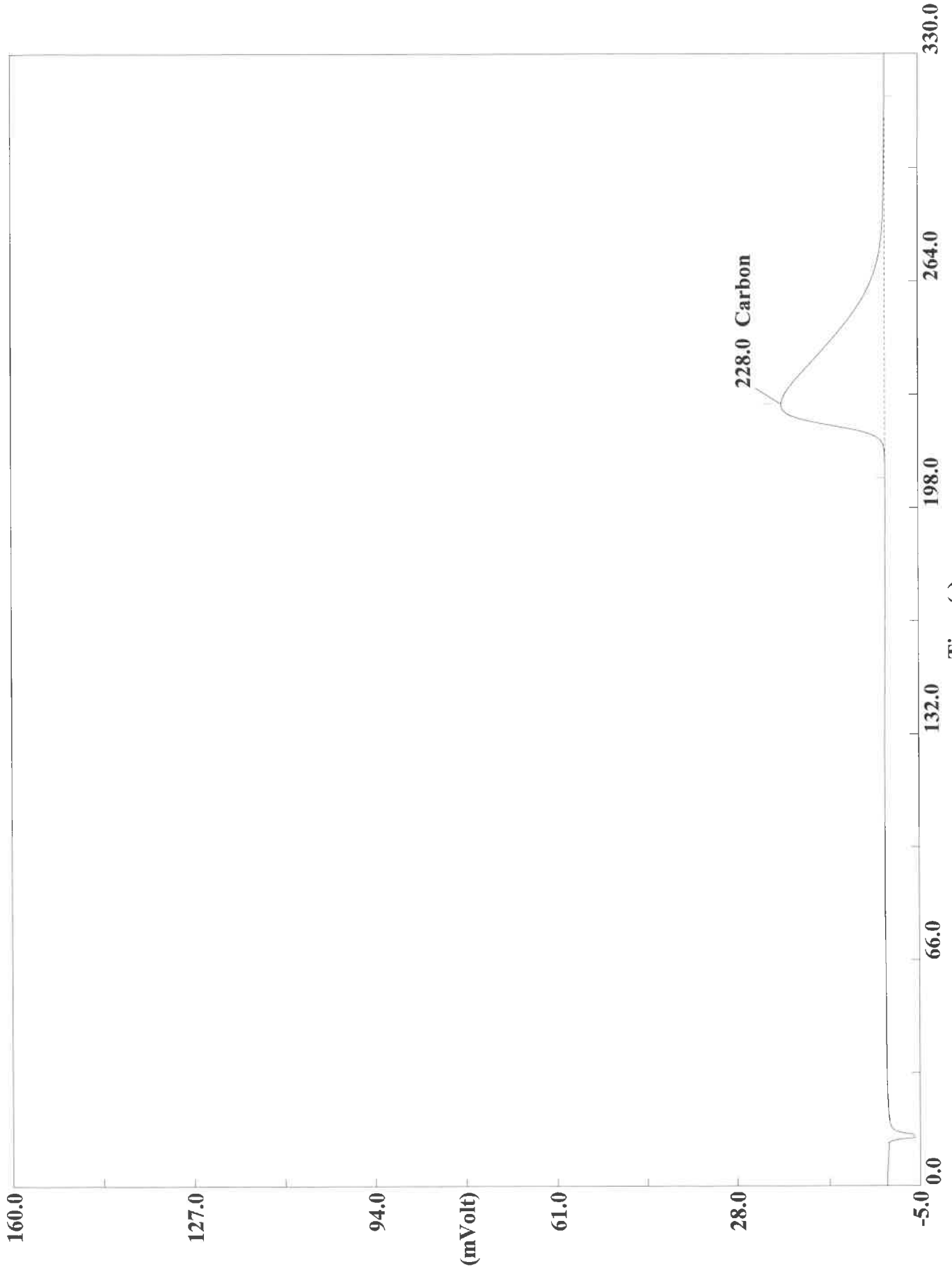
Page: 1 Sample: 180-111287-A-103 (A100220099)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220099
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 21:57 Printed : 10/4/2020 07:29
Sample ID : 180-111287-A-103 (# 110)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.9354	240	2219727	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220101.DAT
Sample name :CCV Analysed :10/02/2020 22:09

Eager 300 Report

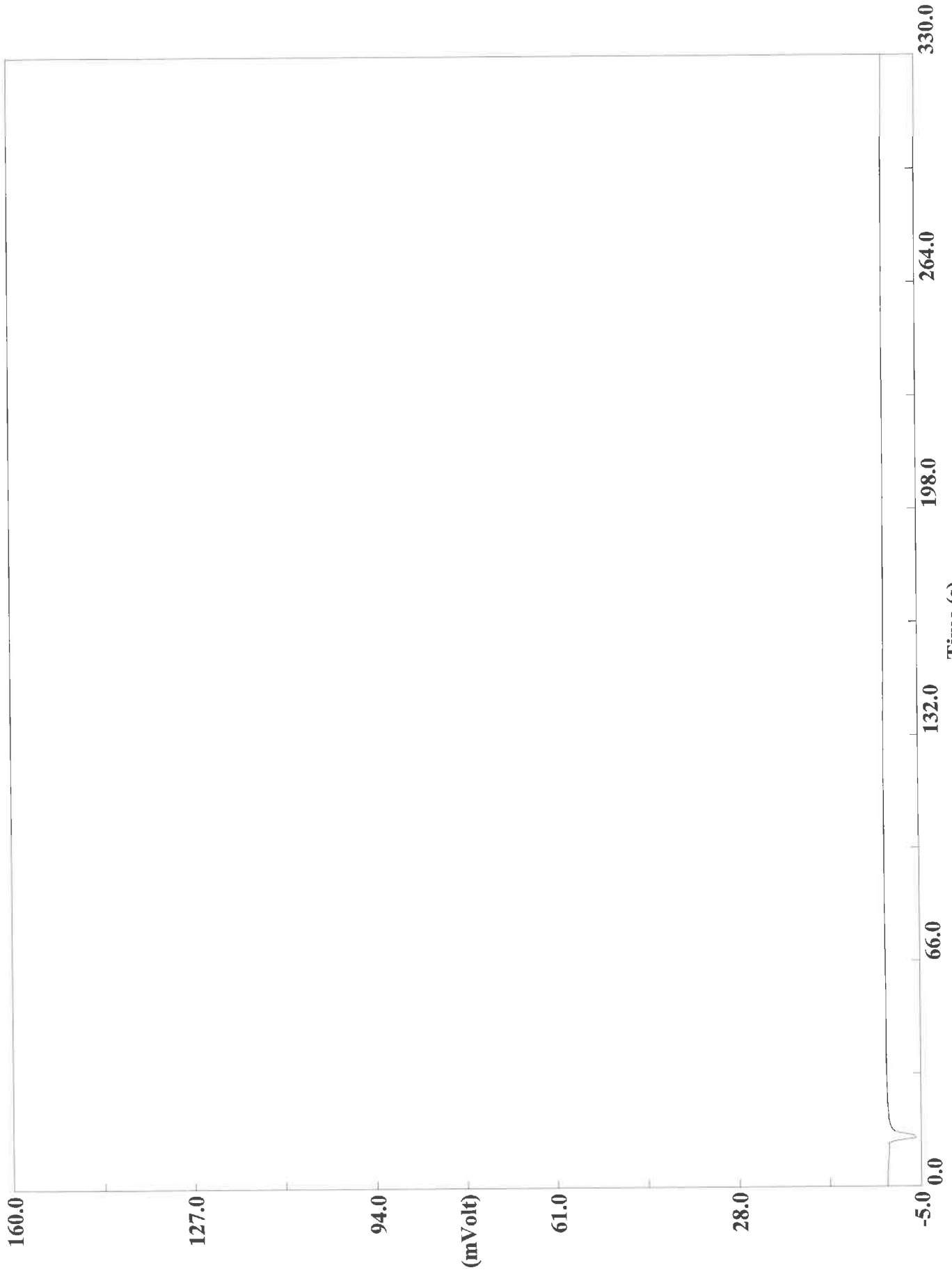
Page: 1 Sample: CCV (A100220101)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220101
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:09 Printed : 10/4/2020 07:30
Sample ID : CCV (# 112)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9907	228	5148793	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220102.DAT
Sample name :CCB Analysed :10/02/2020 22:14

Eager 300 Report

Page: 1 Sample: CCB (A100220102)

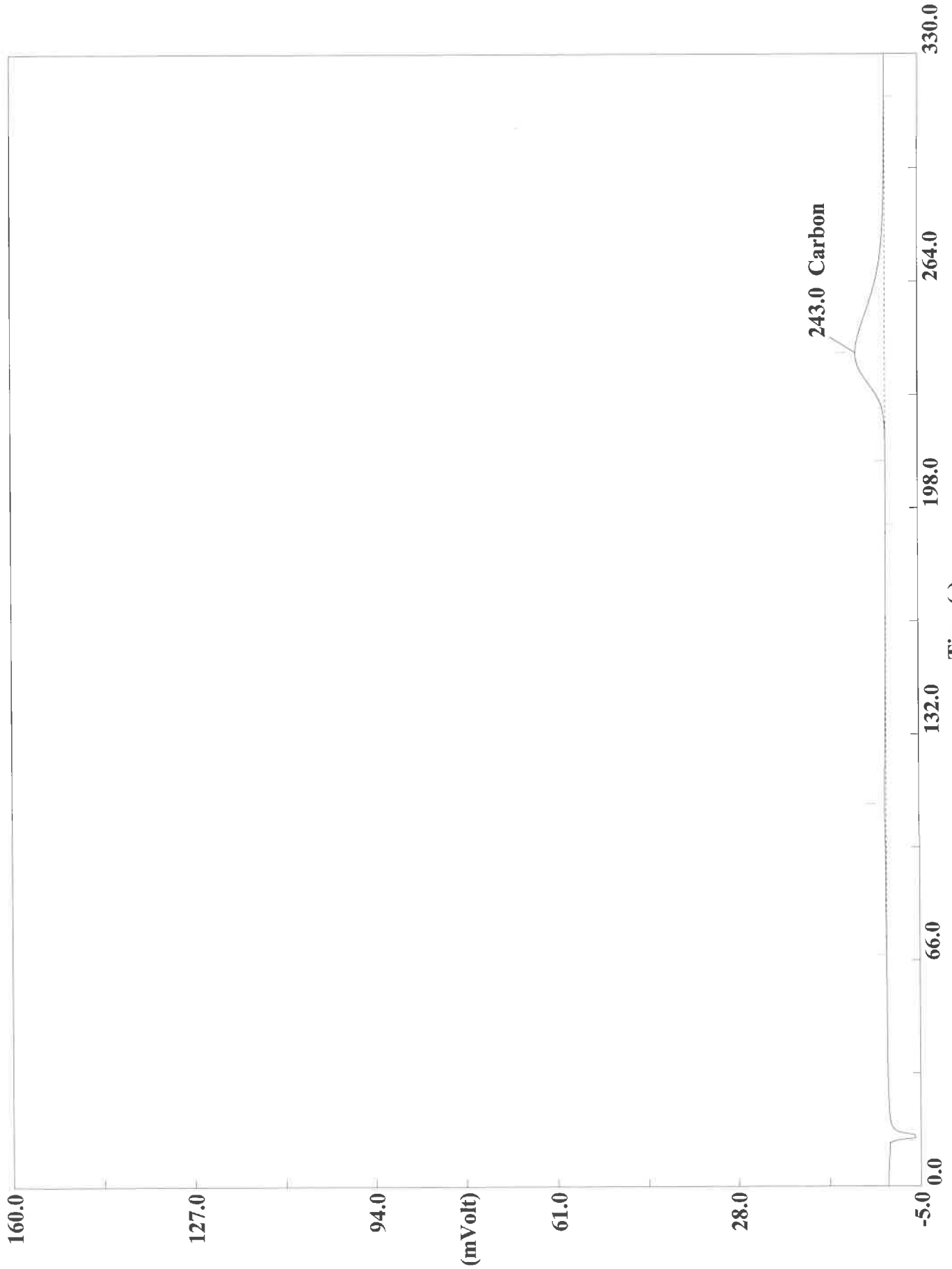
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220102
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:14 Printed : 10/4/2020 07:30
Sample ID : CCB (# 113)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220103.DAT
Sample name :180-111287-A-104 Analysed :10/02/2020 22:20

Eager 300 Report

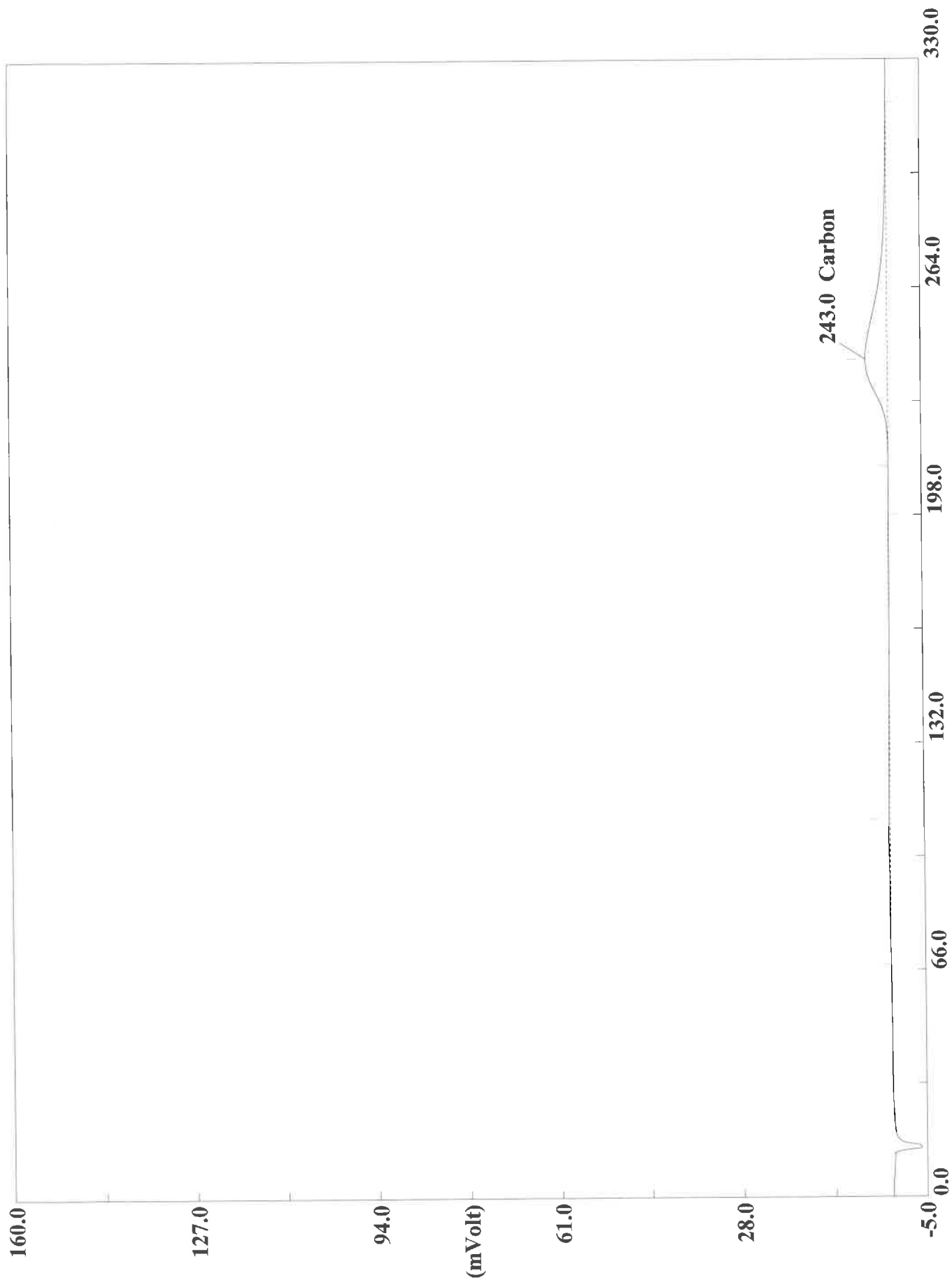
Page: 1 Sample: 180-111287-A-104 (A100220103)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220103
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:20 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-104 (# 114)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3334	243	1480158	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220104.DAT

Sample name :180-111287-A-104 Analysed :10/02/2020 22:25

Eager 300 Report

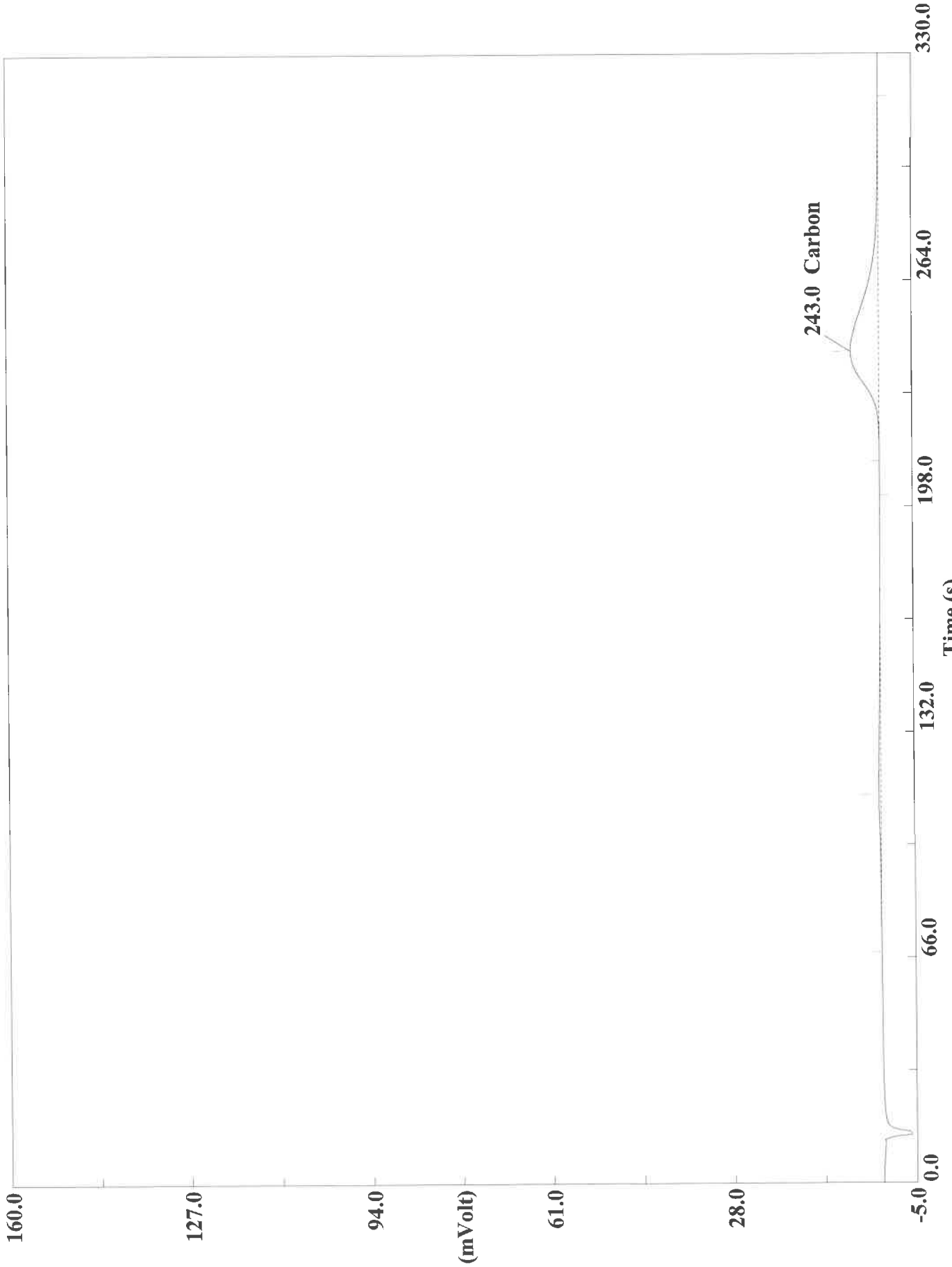
Page: 1 Sample: 180-111287-A-104 (A100220104)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220104
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:25 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-104 (# 115)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0559	243	1272007	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220106.DAT
Sample name : 180-111287-A-105 Analysed : 10/02/2020 22:37

Eager 300 Report

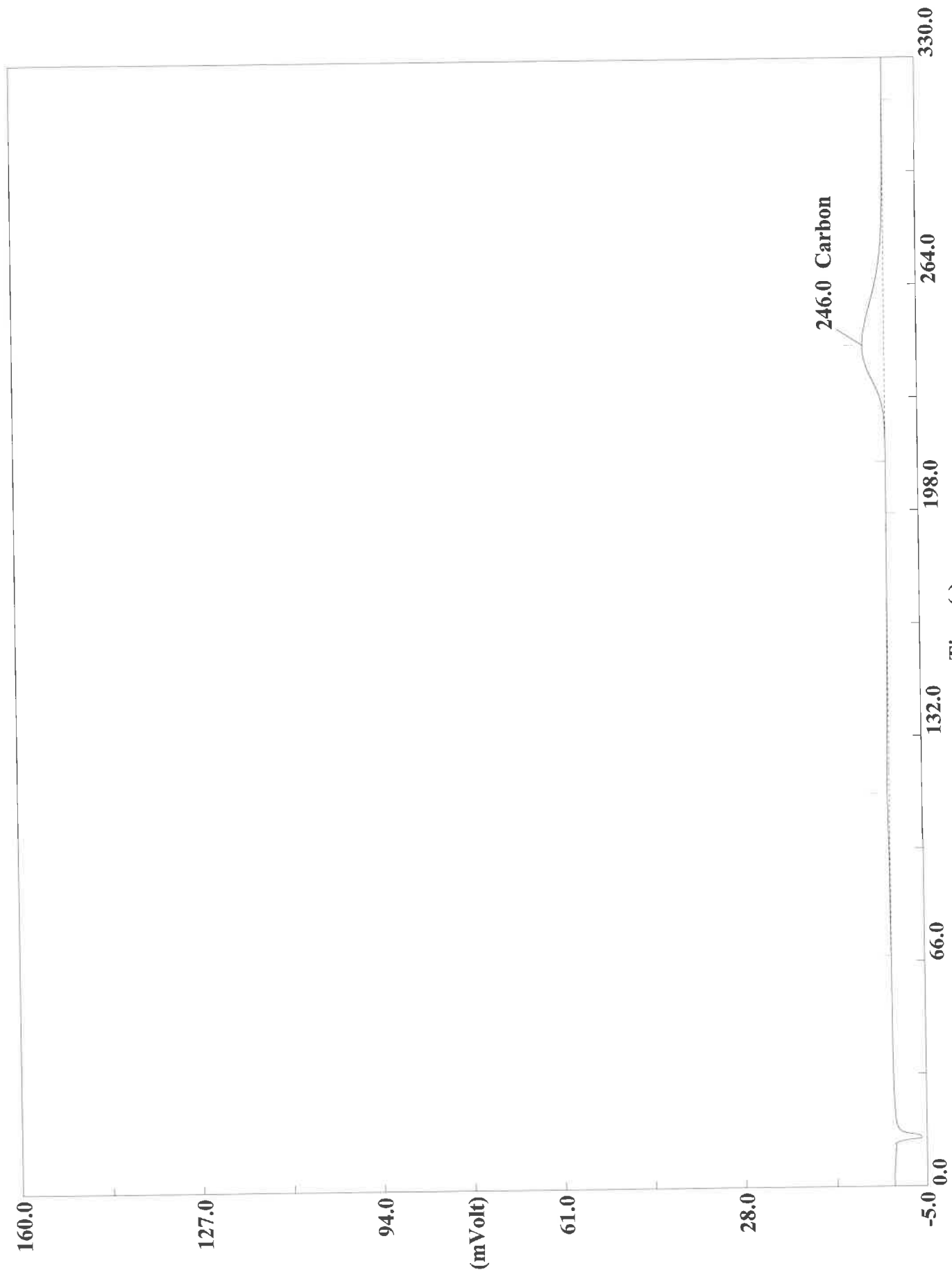
Page: 1 Sample: 180-111287-A-105 (A100220106)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220106
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:37 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-105 (# 117)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.1573	243	1408439	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220107.DAT
Sample name : 180-111287-A-105 Analysed : 10/02/2020 22:42

Eager 300 Report

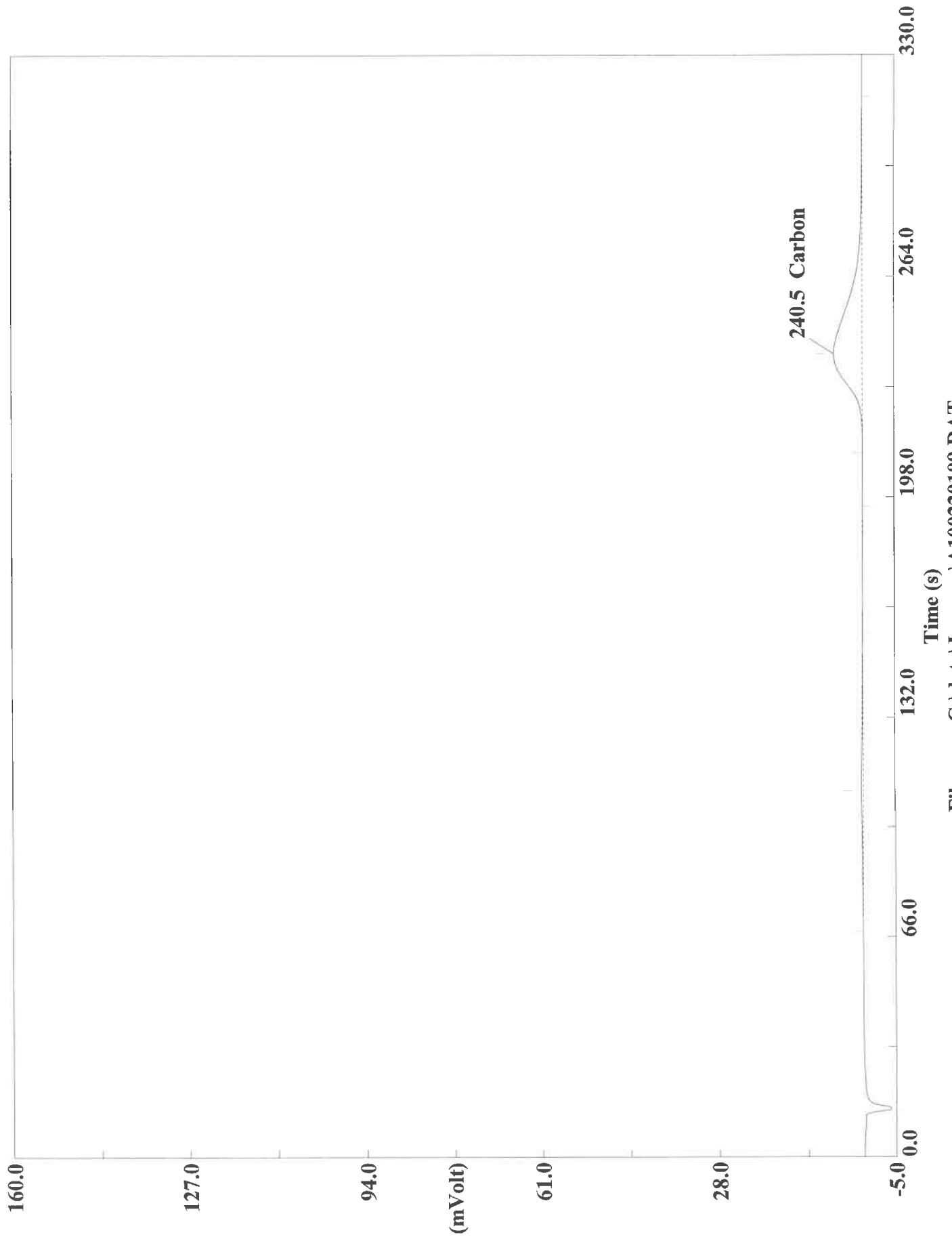
Page: 1 Sample: 180-111287-A-105 (A100220107)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220107
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:42 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-105 (# 118)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0856	246	1155343	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220109.DAT

Sample name : 180-111287-A-106 Analysed : 10/02/2020 22:53

Eager 300 Report

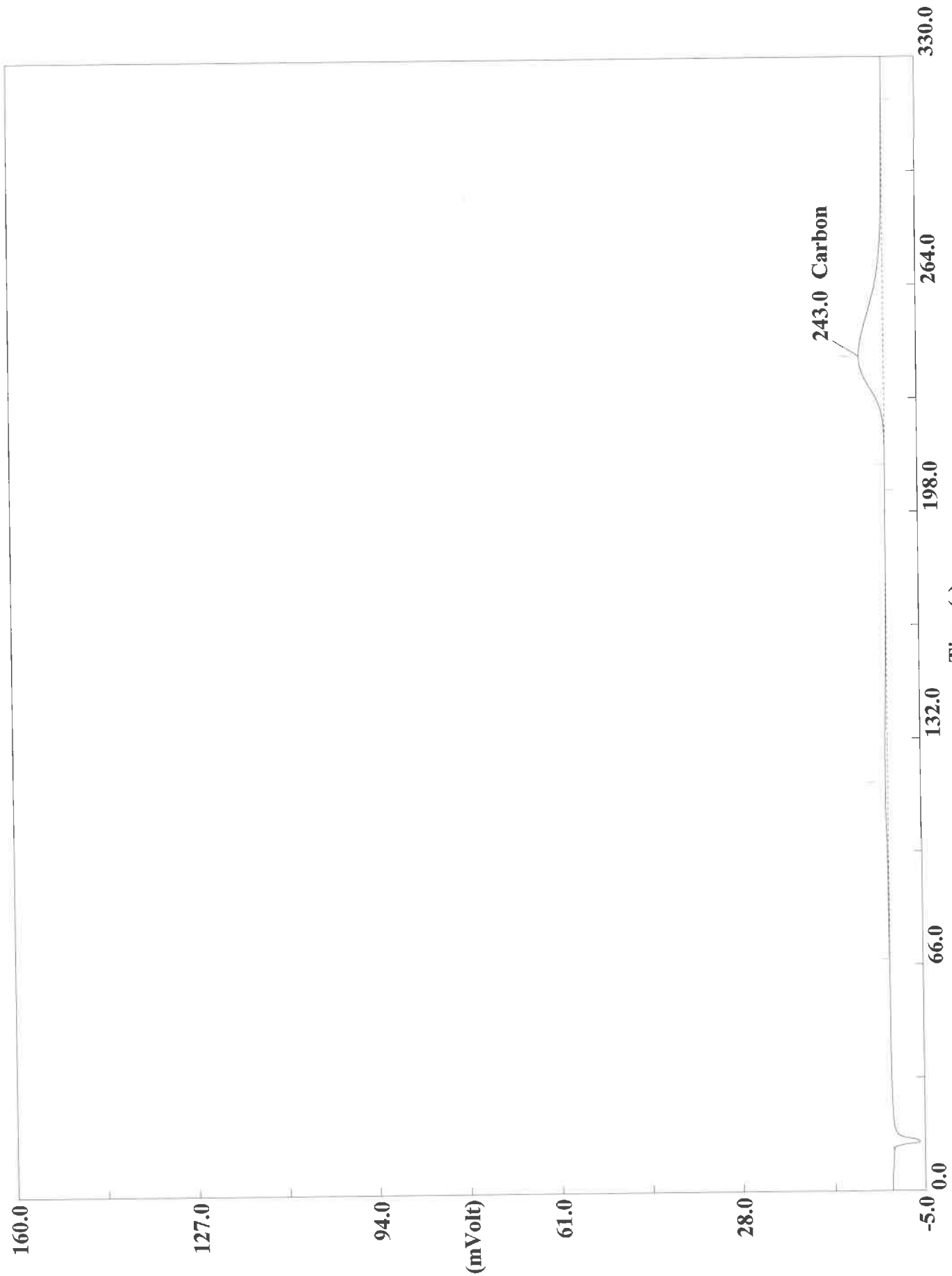
Page: 1 Sample: 180-111287-A-106 (A100220109)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220109
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:53 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-106 (# 120)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2898	241	1410856	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220110.DAT

Sample name :180-111287-A-106 Analysed :10/02/2020 22:59

Eager 300 Report

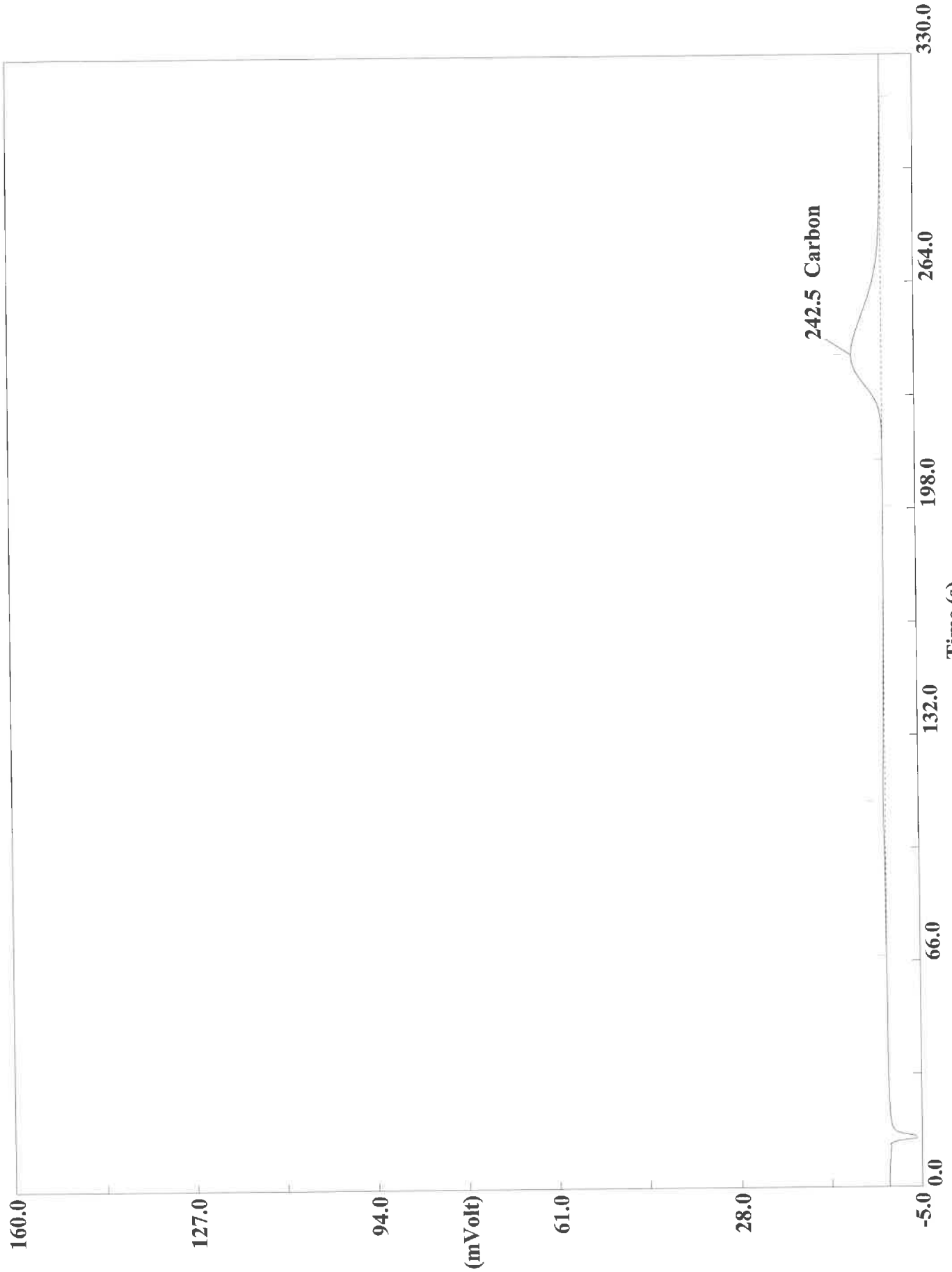
Page: 1 Sample: 180-111287-A-106 (A100220110)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220110
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 22:59 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-106 (# 121)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.2198	243	1281979	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220112.DAT

Sample name : 180-111287-A-107 Analysed : 10/02/2020 23:10

Eager 300 Report

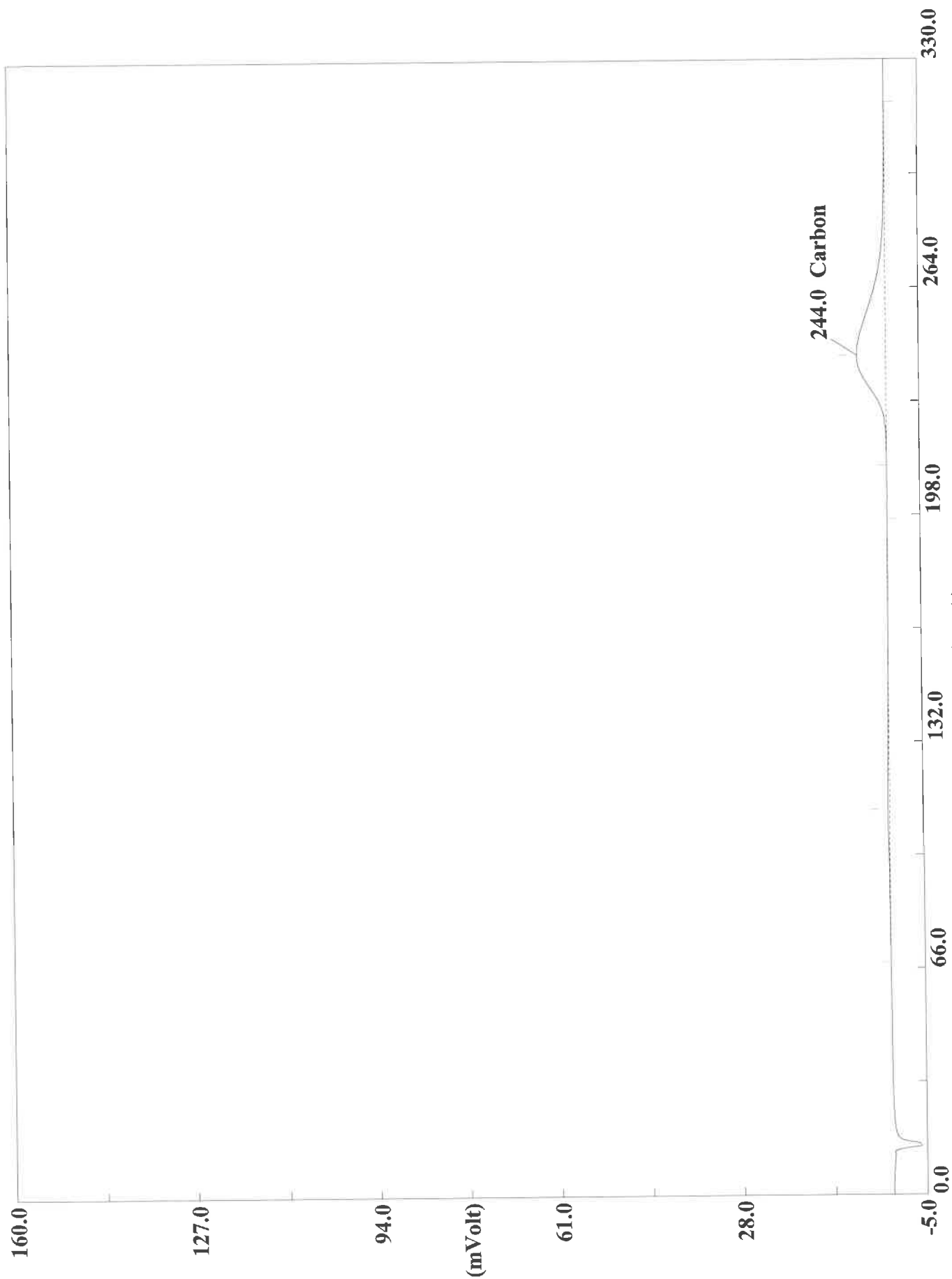
Page: 1 Sample: 180-111287-A-107 (A100220112)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220112
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:10 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-107 (# 123)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.3515	243	1507625	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220113.DAT
Sample name : 180-111287-A-107 Analysed : 10/02/2020 23:16

Eager 300 Report

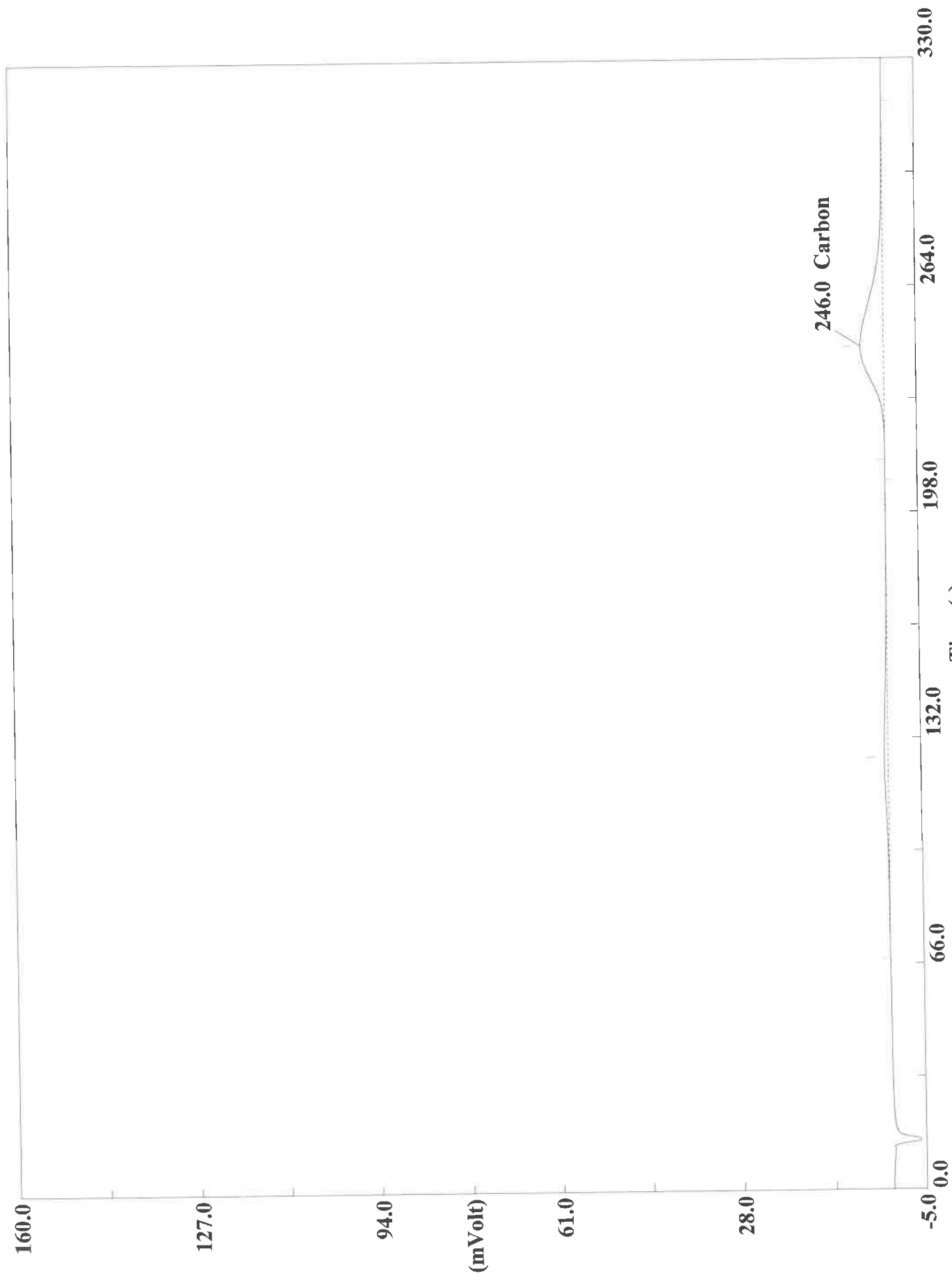
Page: 1 Sample: 180-111287-A-107 (A100220113)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220113
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:16 Printed : 10/4/2020 07:30
Sample ID : 180-111287-A-107 (# 124)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.4669	244	1500539	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Time (s)

Filename C:\data\January\A100220115.DAT

Sample name : 180-111287-A-108 Analysed : 10/02/2020 23:27

Eager 300 Report

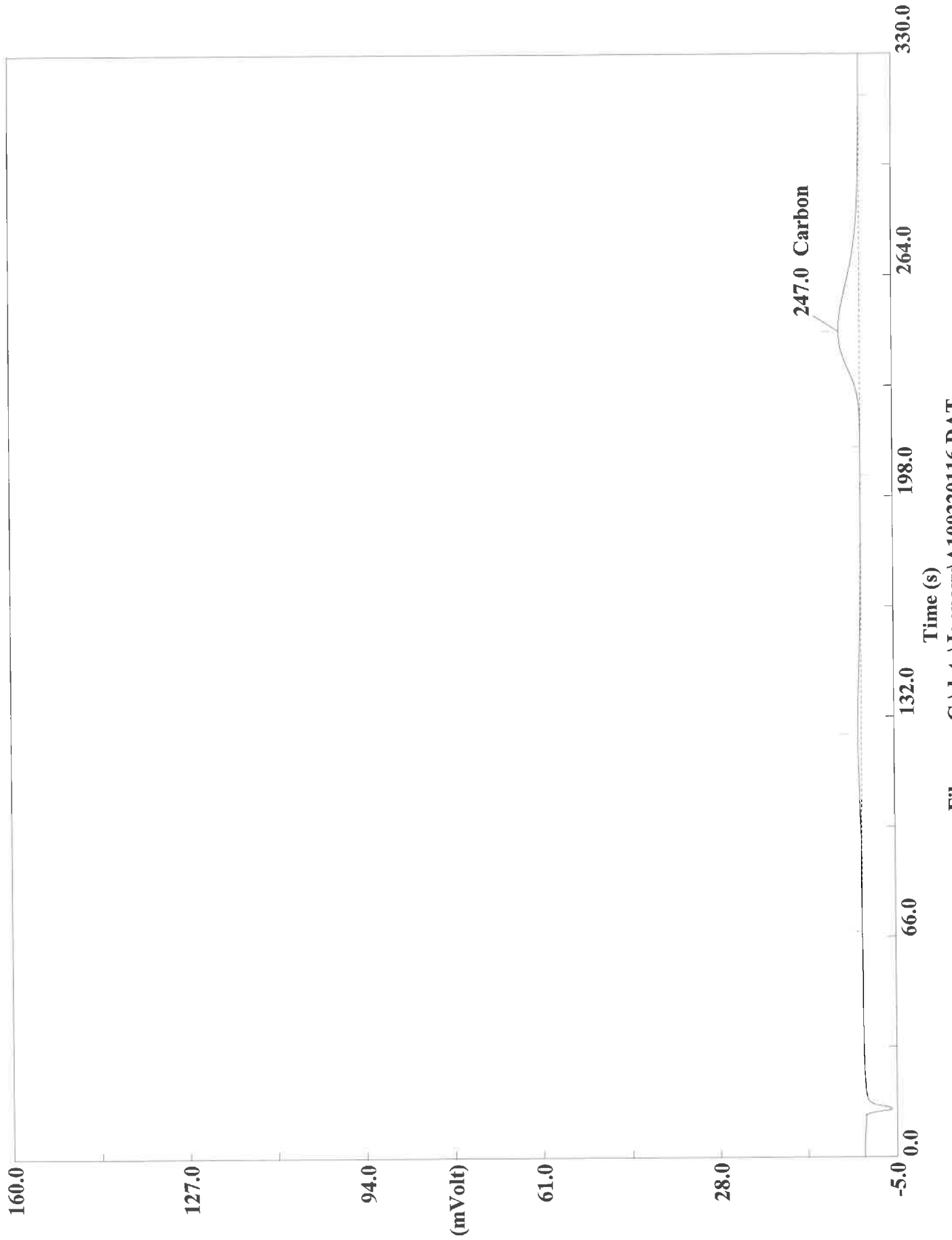
Page: 1 Sample: 180-111287-A-108 (A100220115)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220115
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:27 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-108 (# 126)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9942	246	1232658	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220116.DAT

Sample name : 180-111287-A-108 Analysed : 10/02/2020 23:32

Eager 300 Report

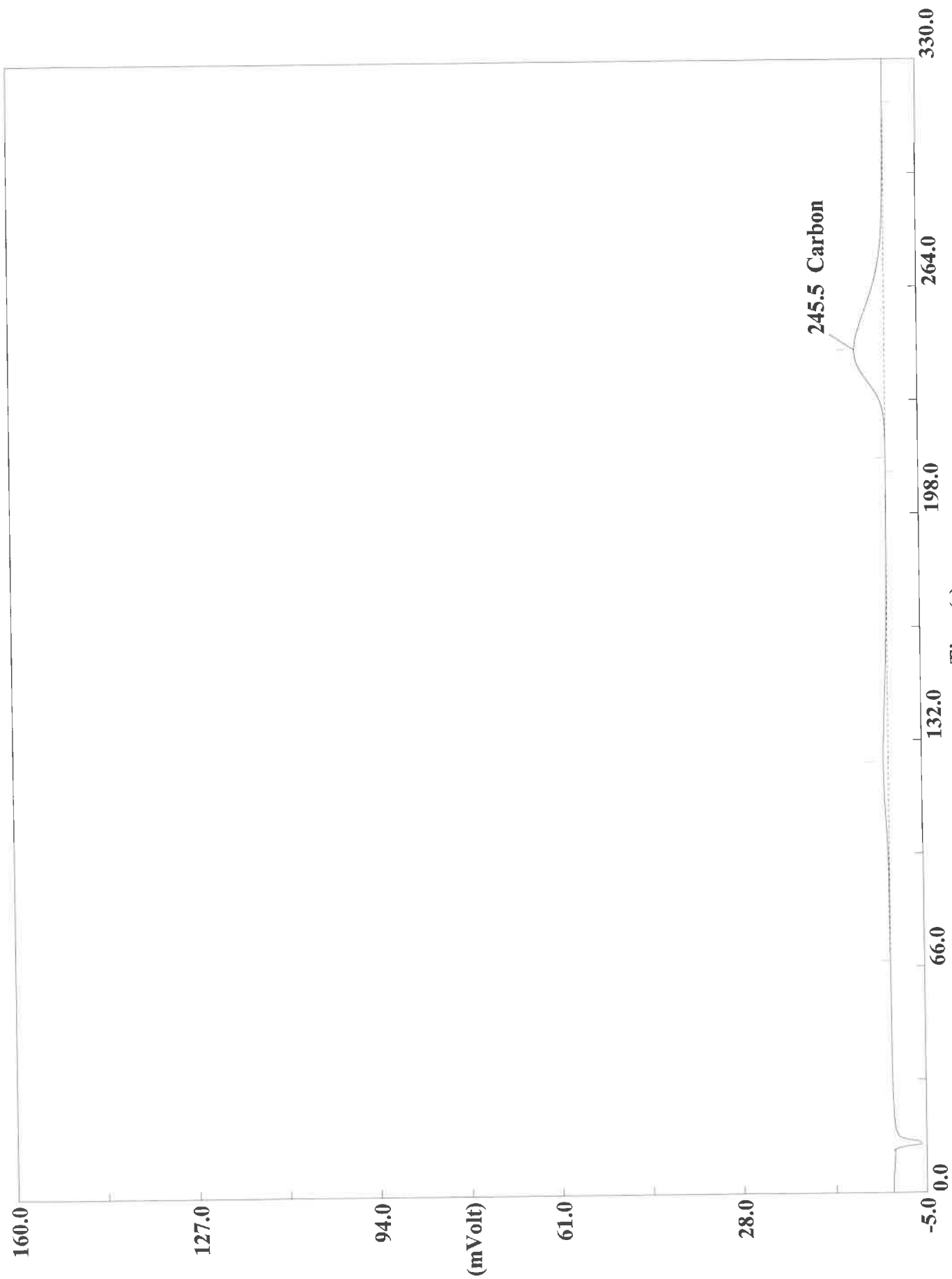
Page: 1 Sample: 180-111287-A-108 (A100220116)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220116
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:32 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-108 (# 127)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.8

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0450	247	1274949	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220118.DAT
Sample name : 180-111287-A-110 Analysed : 10/02/2020 23:44

Eager 300 Report

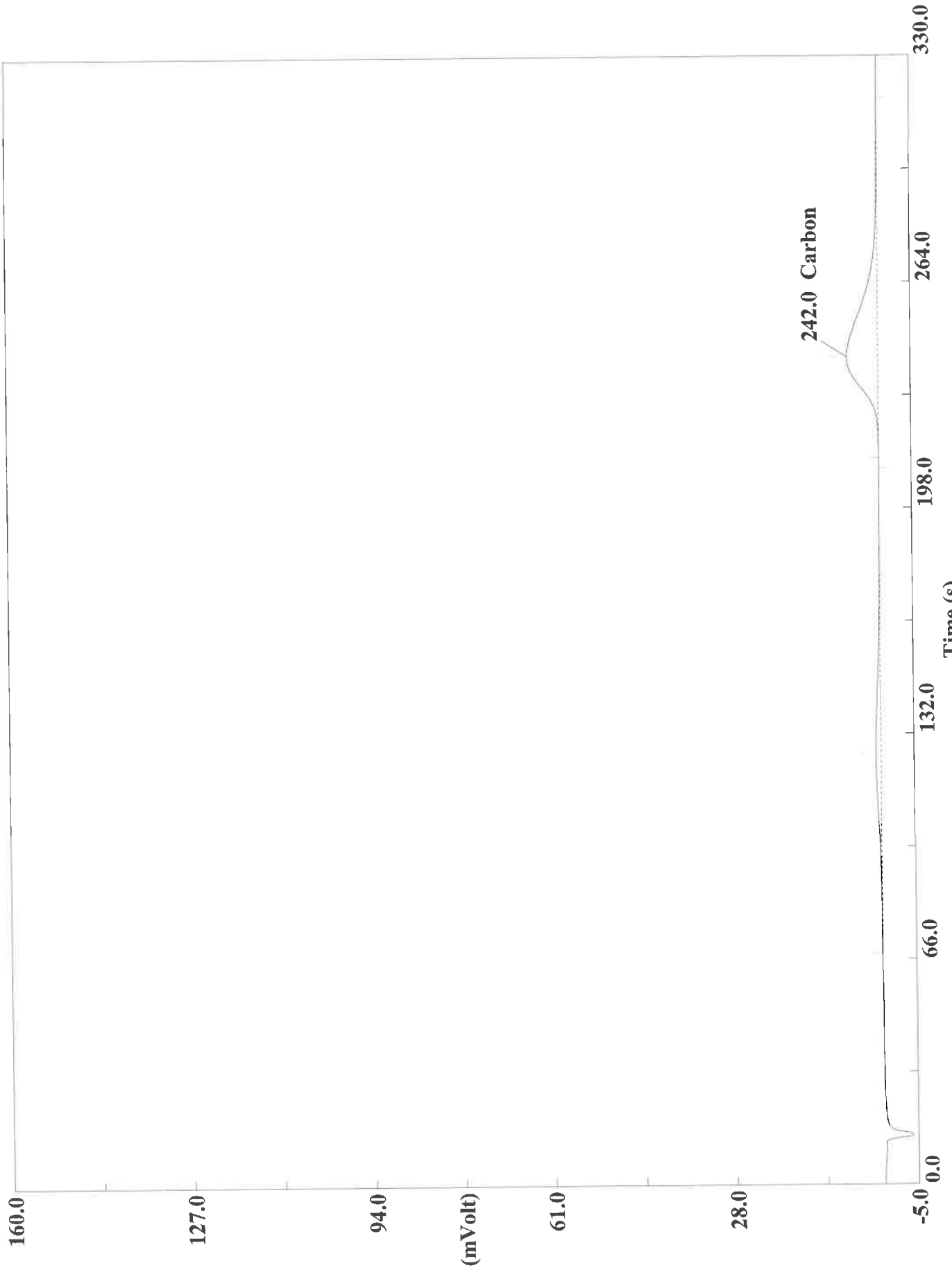
Page: 1 Sample: 180-111287-A-110 (A100220118)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220118
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:44 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-110 (# 129)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.5334	246	1529624	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220119.DAT
Sample name : 180-111287-A-110 Analysed : 10/02/2020 23:49

Eager 300 Report

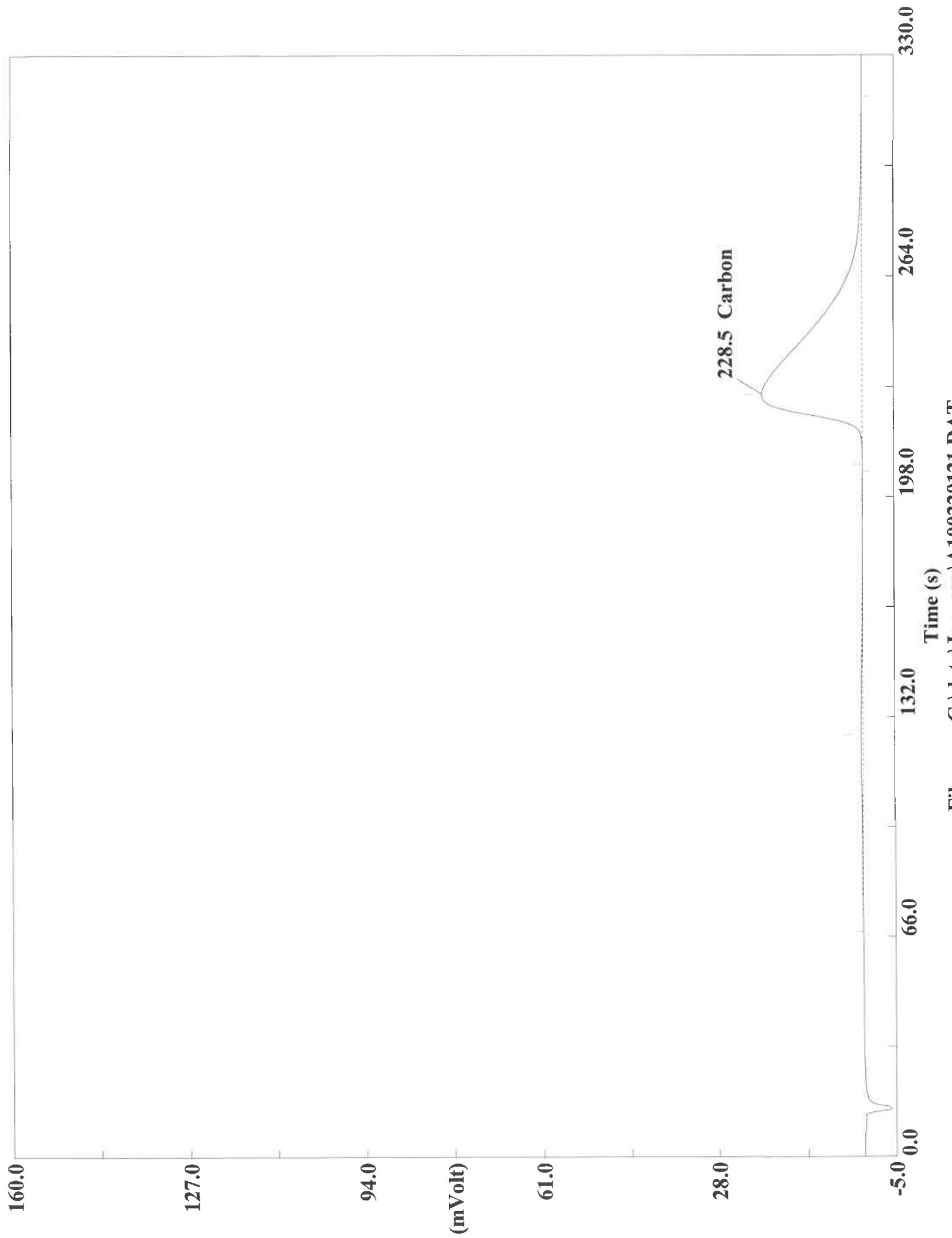
Page: 1 Sample: 180-111287-A-110 (A100220119)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220119
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/02/2020 23:49 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-110 (# 130)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.6300	242	1559396	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220121.DAT

Sample name : CCV Analysed : 10/03/2020 00:00

Eager 300 Report

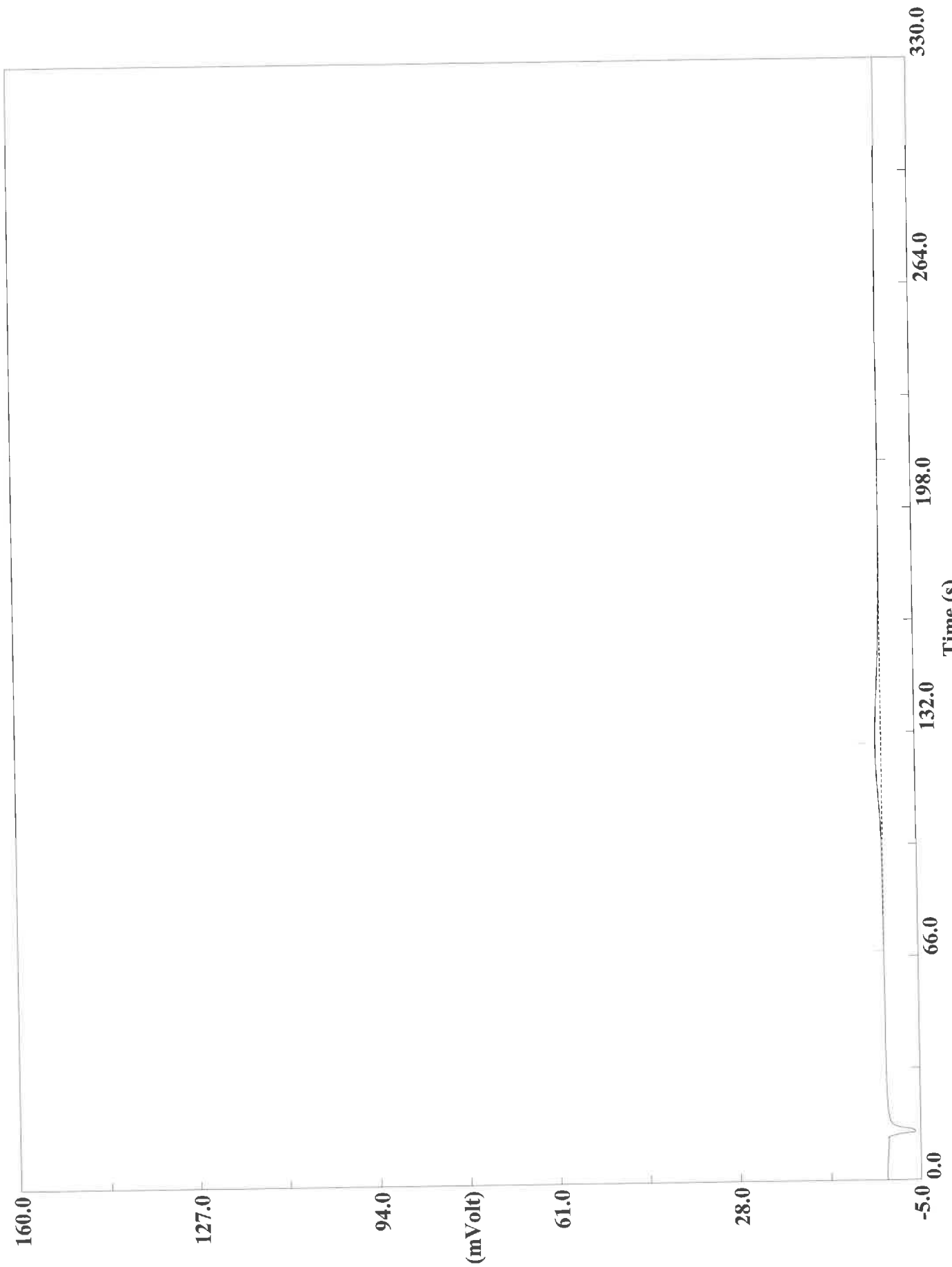
Page: 1 Sample: CCV (A100220121)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220121
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:00 Printed : 10/4/2020 07:31
Sample ID : CCV (# 132)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9938	229	5165169	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220122.DAT
Sample name :CCB Analysed :10/03/2020 00:06

Eager 300 Report

Page: 1 Sample: CCB (A100220122)

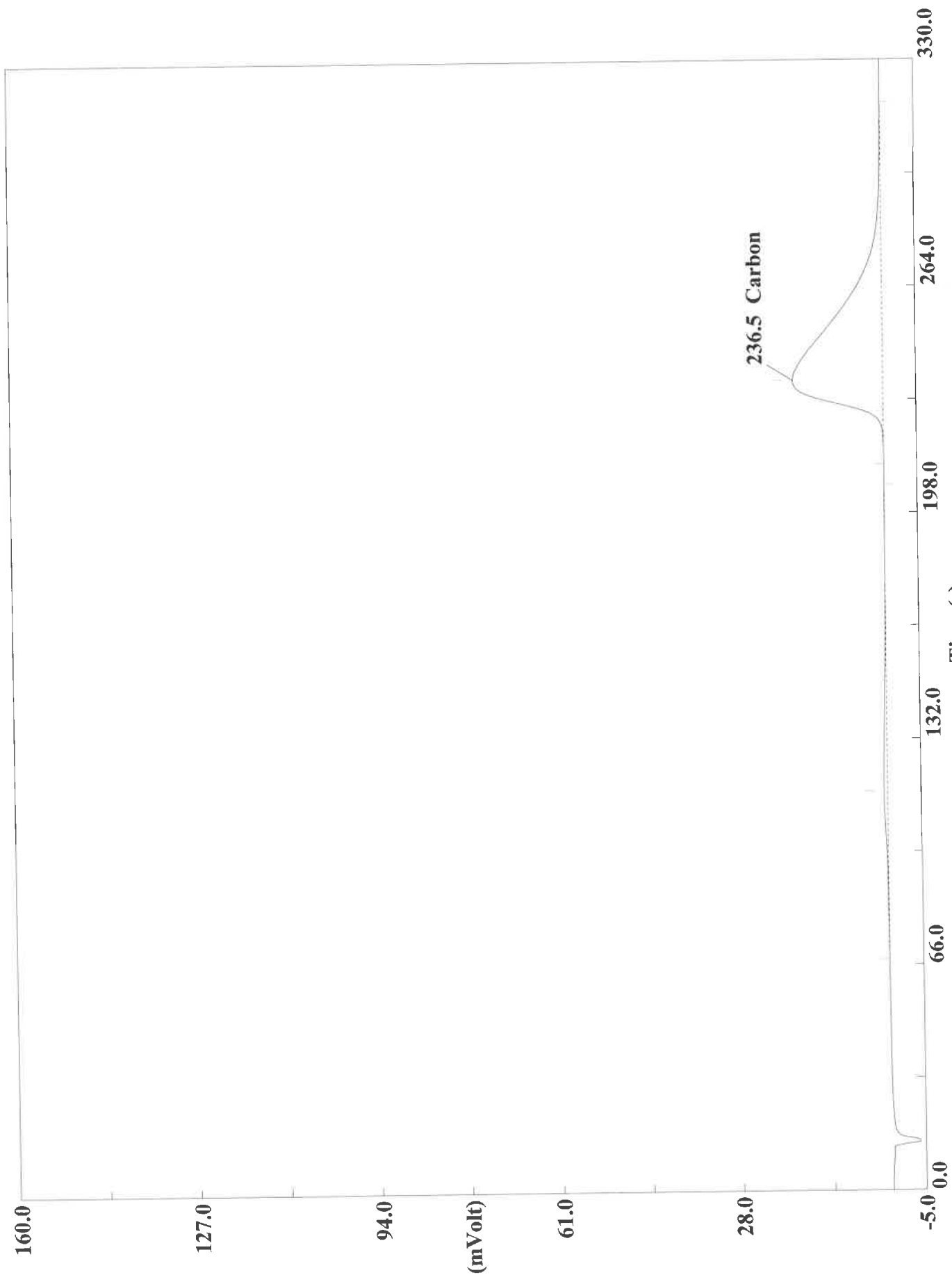
Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220122
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:06 Printed : 10/4/2020 07:31
Sample ID : CCB (# 133)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220123.DAT
Sample name :180-111287-A-112 Analysed :10/03/2020 00:11

Eager 300 Report

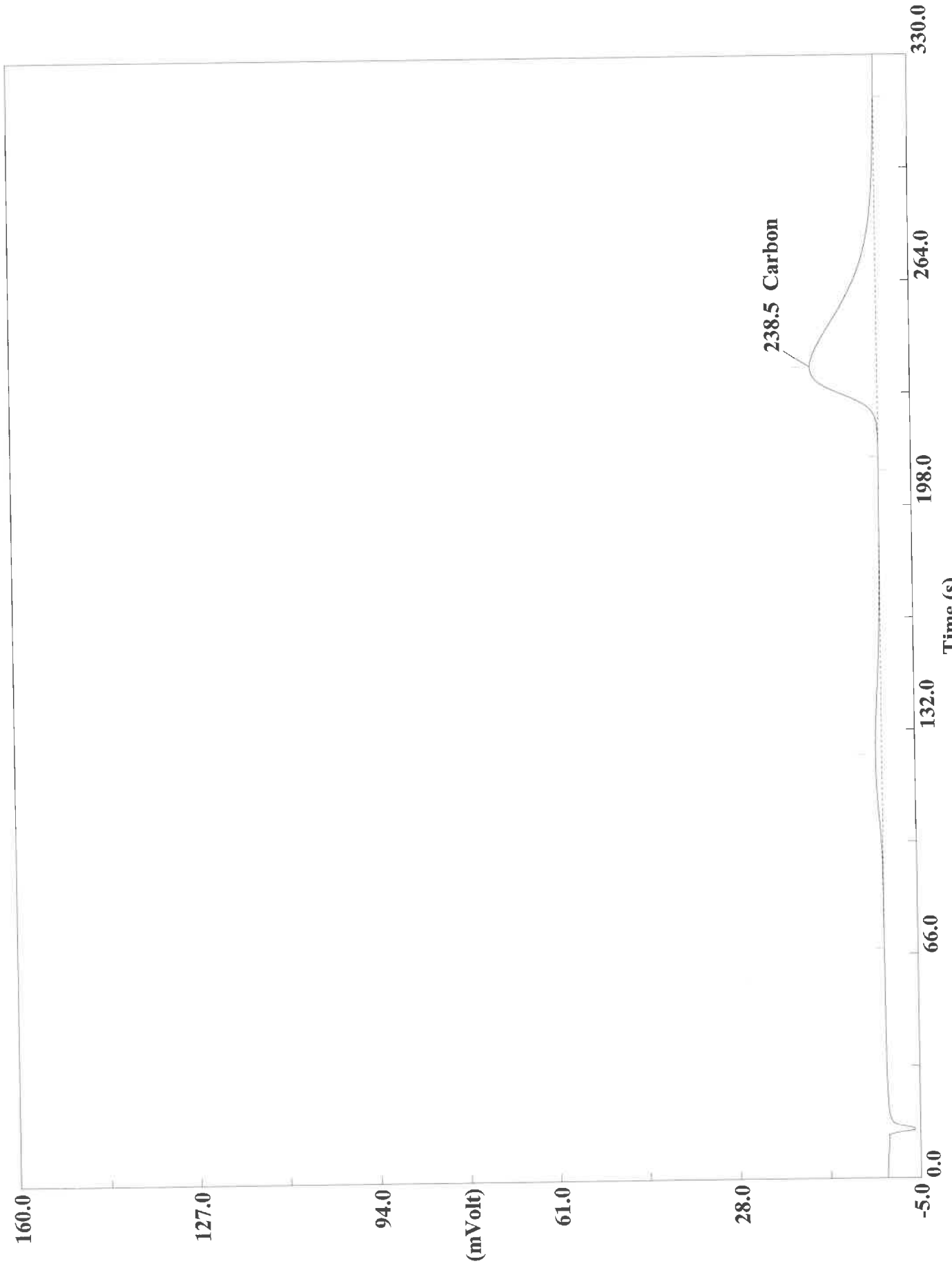
Page: 1 Sample: 180-111287-A-112 (A100220123)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220123
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:11 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-112 (# 134)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2401	237	4536799	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220124.DAT
Sample name :180-111287-A-112 Analysed :10/03/2020 00:17

Eager 300 Report

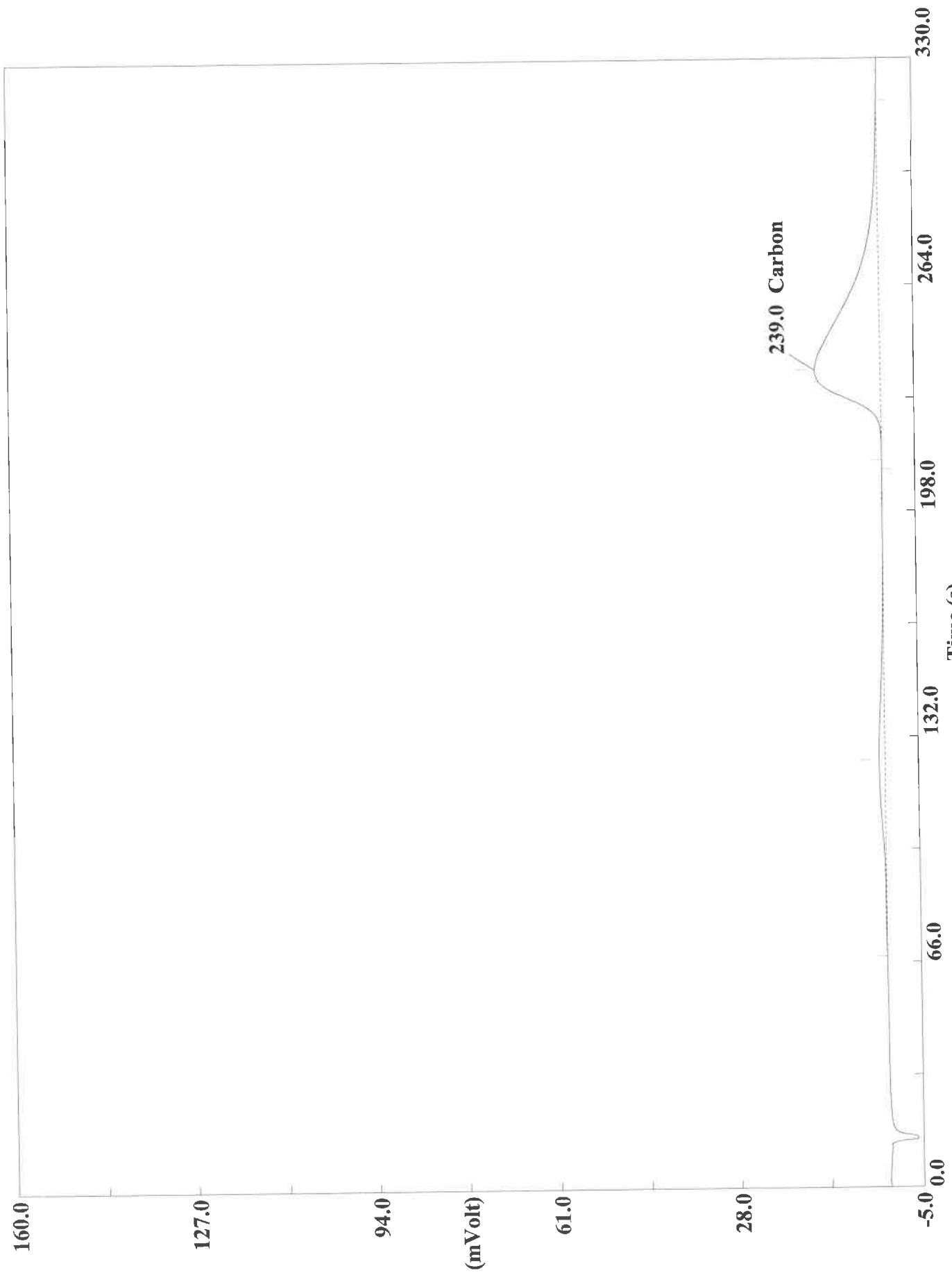
Page: 1 Sample: 180-111287-A-112 (A100220124)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220124
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:17 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-112 (# 135)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.5857	239	3739449	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220126.DAT
Sample name : 180-111287-A-113 Analysed : 10/03/2020 00:28

Eager 300 Report

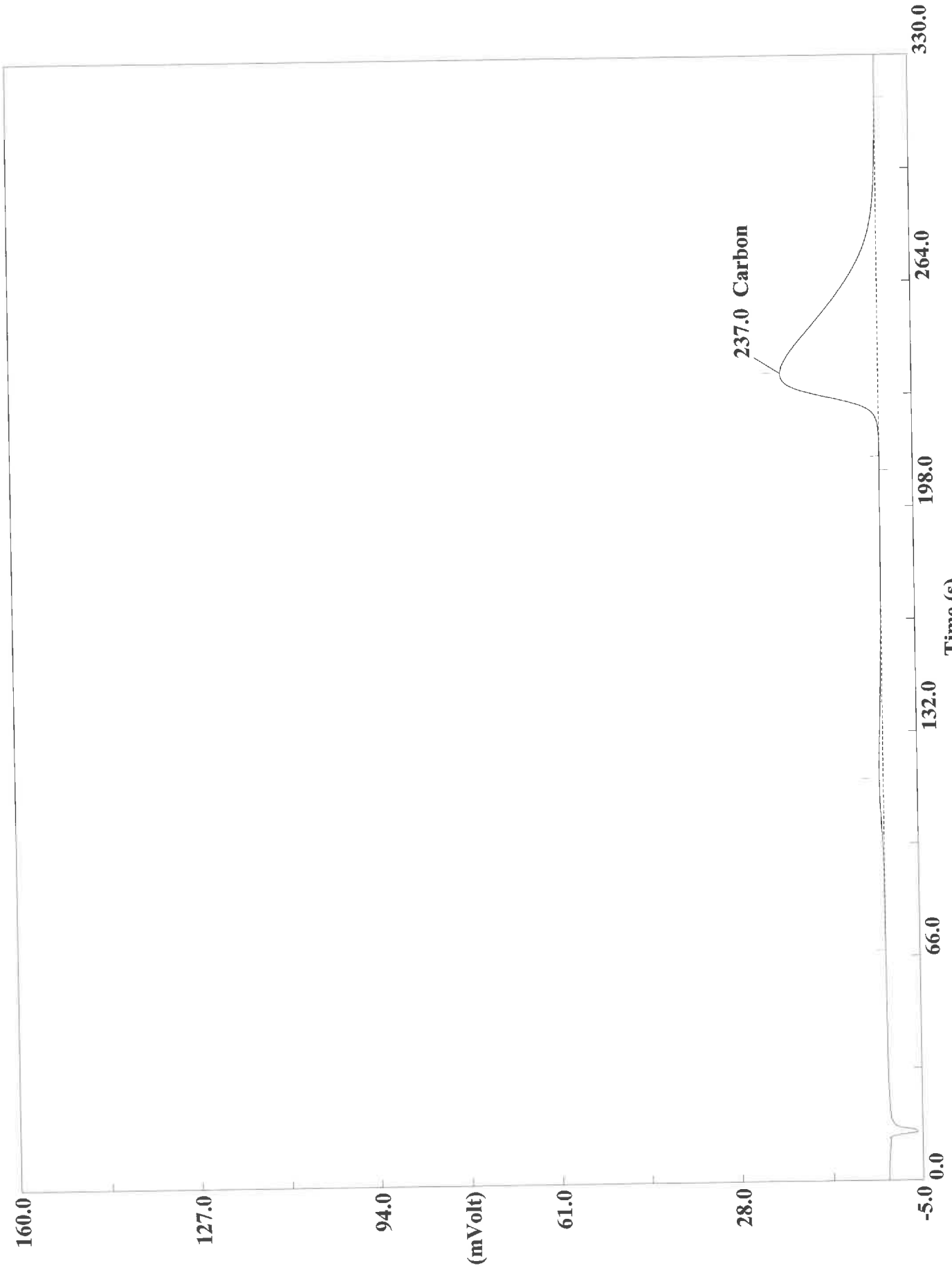
Page: 1 Sample: 180-111287-A-113 (A100220126)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220126
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:28 Printed : 10/4/2020 07:31
Sample ID : 180-111287-A-113 (# 137)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7115	239	3735786	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220127.DAT
Sample name : 180-111287-A-113 Analysed : 10/03/2020 00:34

Eager 300 Report

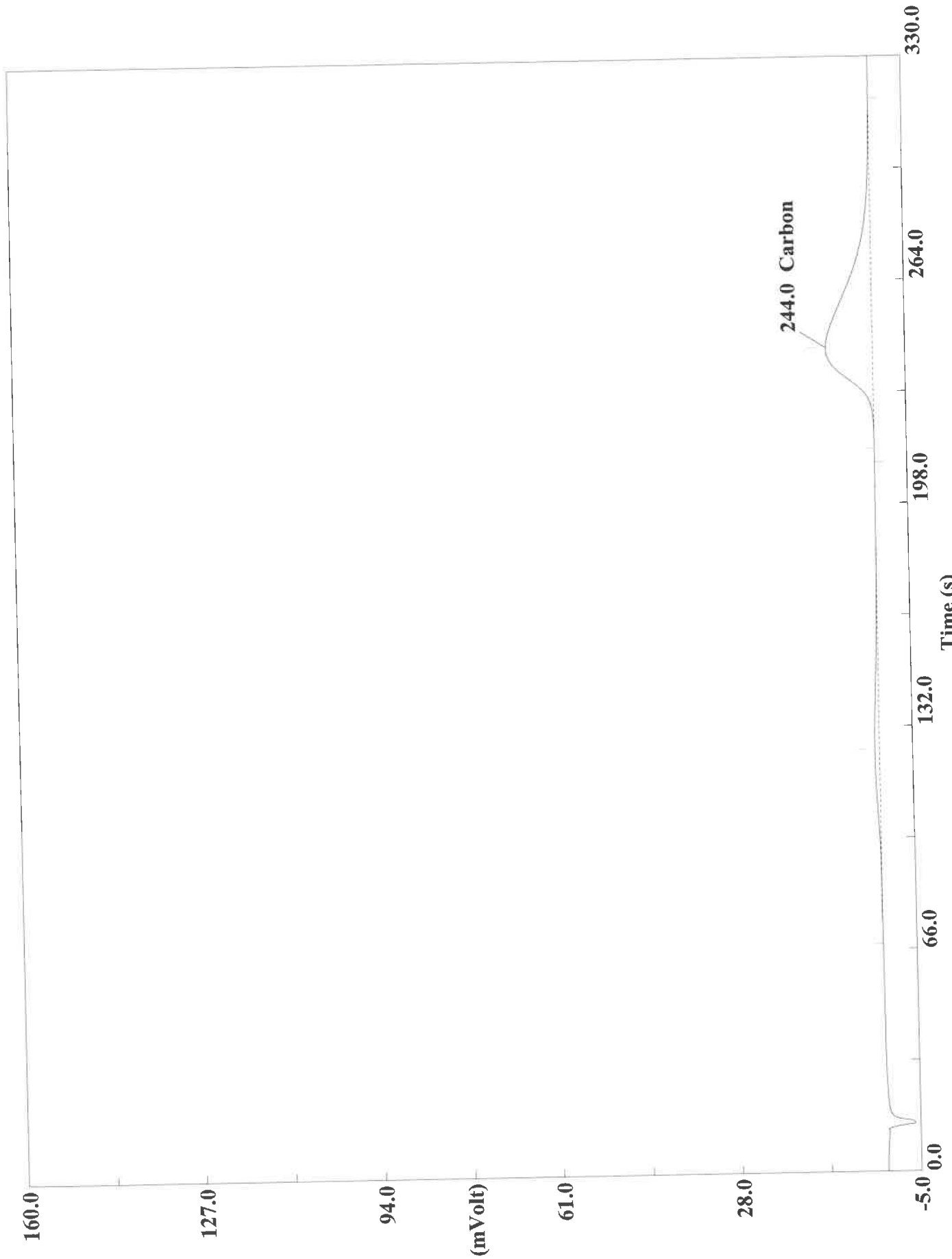
Page: 1 Sample: 180-111287-A-113 (A100220127)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220127
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:34 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-113 (# 138)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4965	237	5235196	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220129.DAT

Sample name :180-111287-A-114 Analysed :10/03/2020 00:45

Eager 300 Report

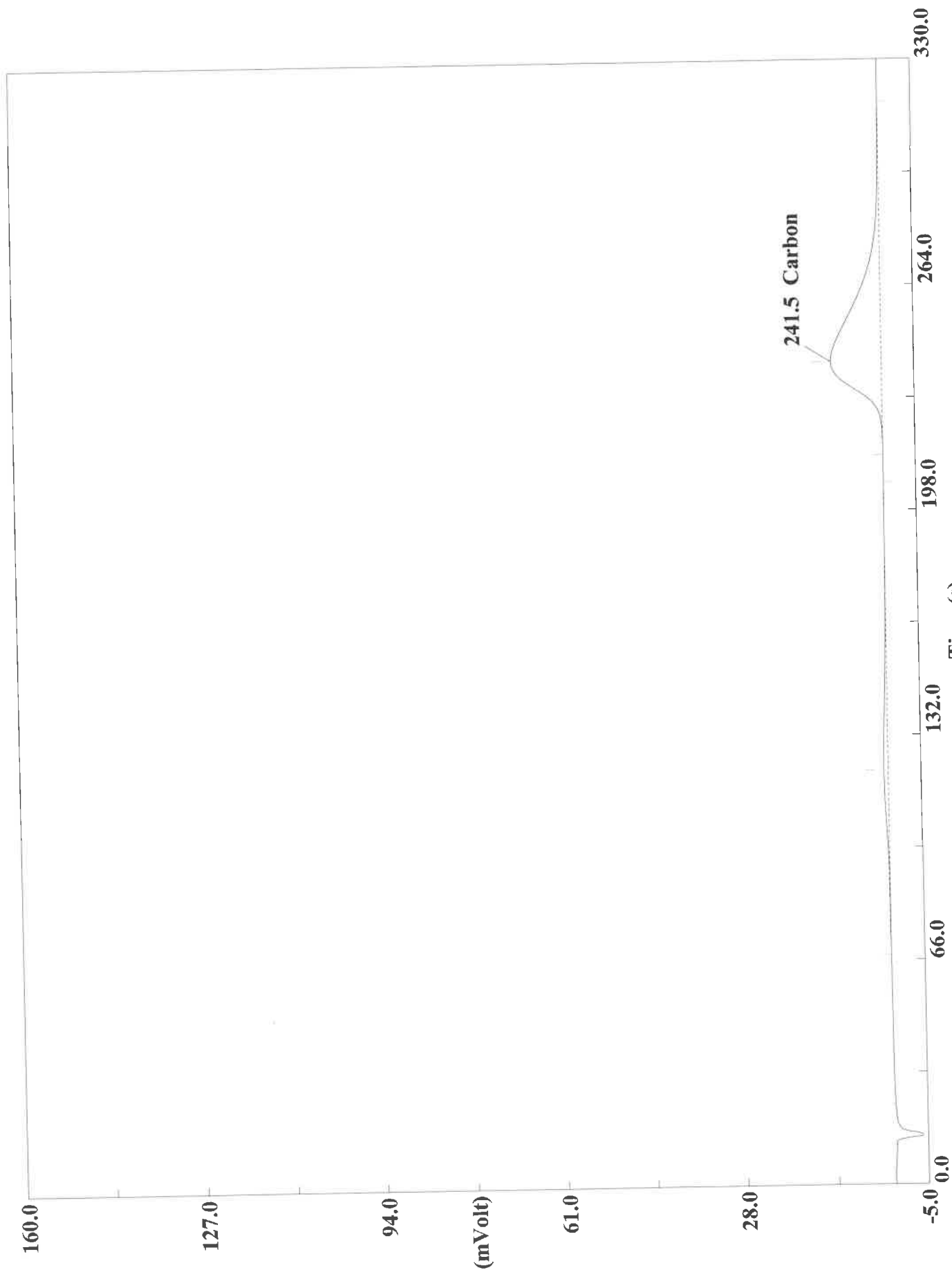
Page: 1 Sample: 180-111287-A-114 (A100220129)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220129
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:45 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-114 (# 140)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4003	244	2695942	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220130.DAT
Sample name :180-111287-A-114 Analysed :10/03/2020 00:51

Eager 300 Report

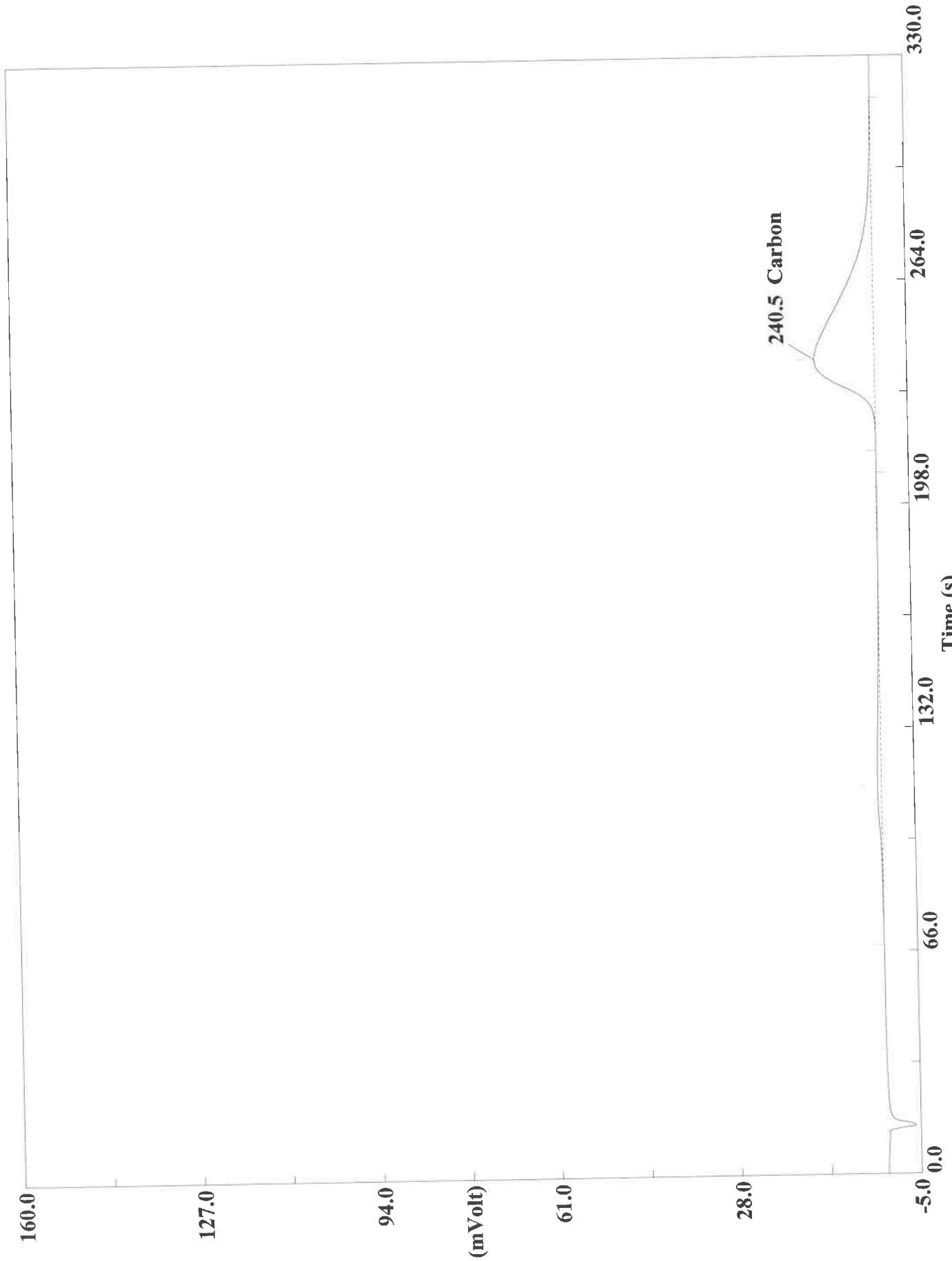
Page: 1 Sample: 180-111287-A-114 (A100220130)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220130
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 00:51 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-114 (# 141)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6222	242	2646131	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220132.DAT
Sample name :180-111287-A-115 Analysed :10/03/2020 01:02

Eager 300 Report

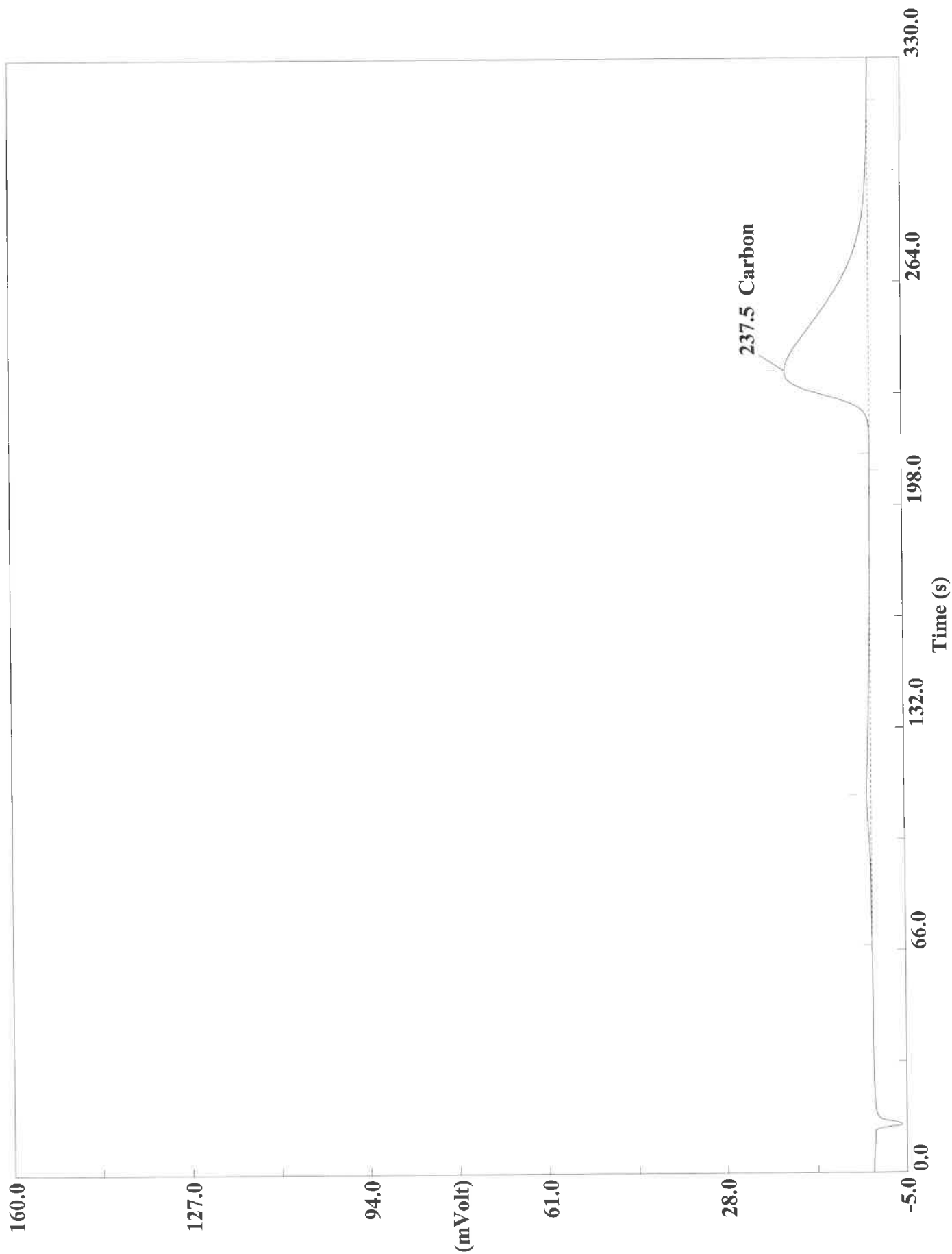
Page: 1 Sample: 180-111287-A-115 (A100220132)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220132
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:02 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-115 (# 143)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6083	241	3394616	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220133.DAT

Sample name : 180-111287-A-115 Analysed : 10/03/2020 01:07

Eager 300 Report

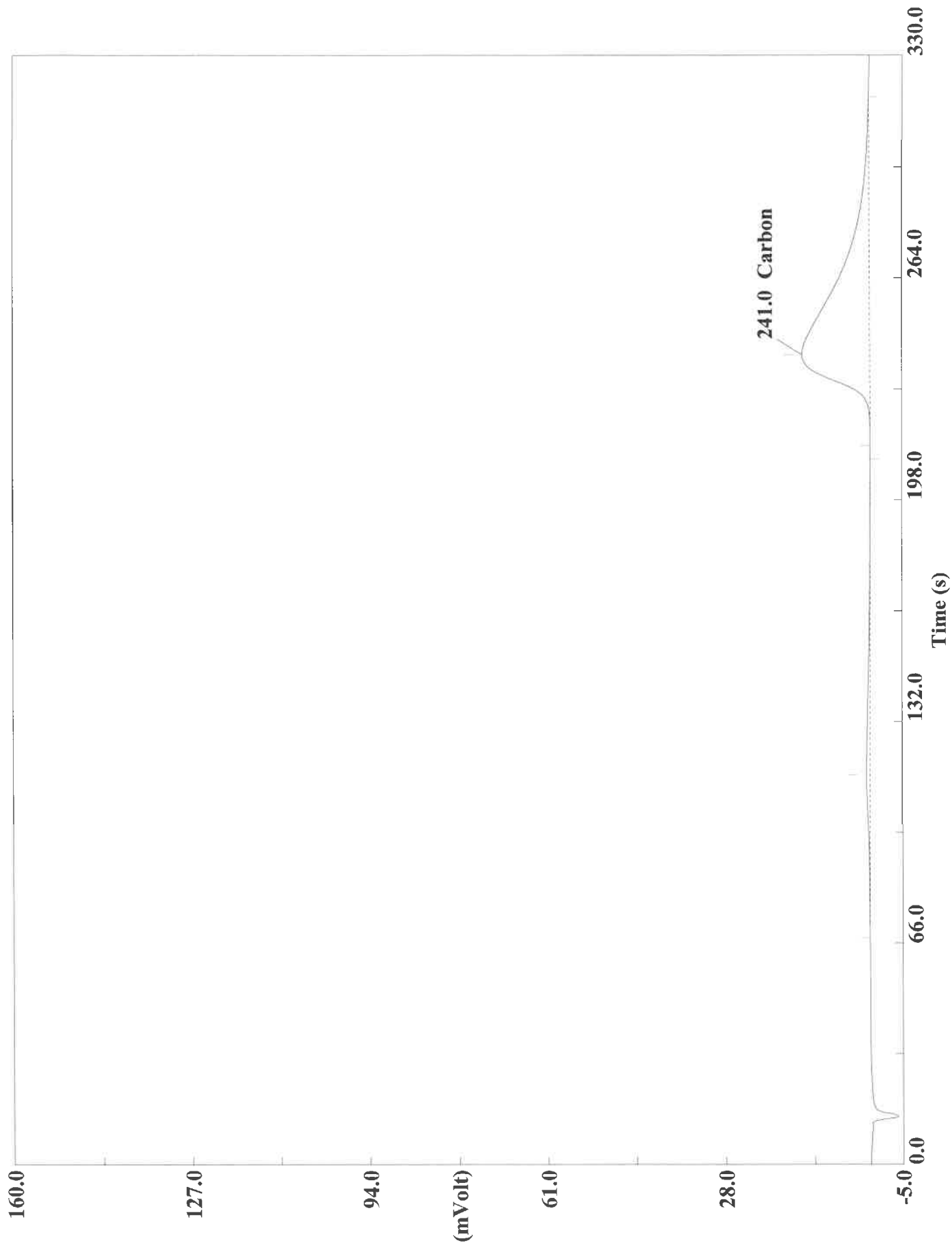
Page: 1 Sample: 180-111287-A-115 (A100220133)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220133
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:07 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-115 (# 144)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 27.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2225	238	4620167	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220135.DAT

Sample name :180-111287-A-116 Analysed :10/03/2020 01:18

Eager 300 Report

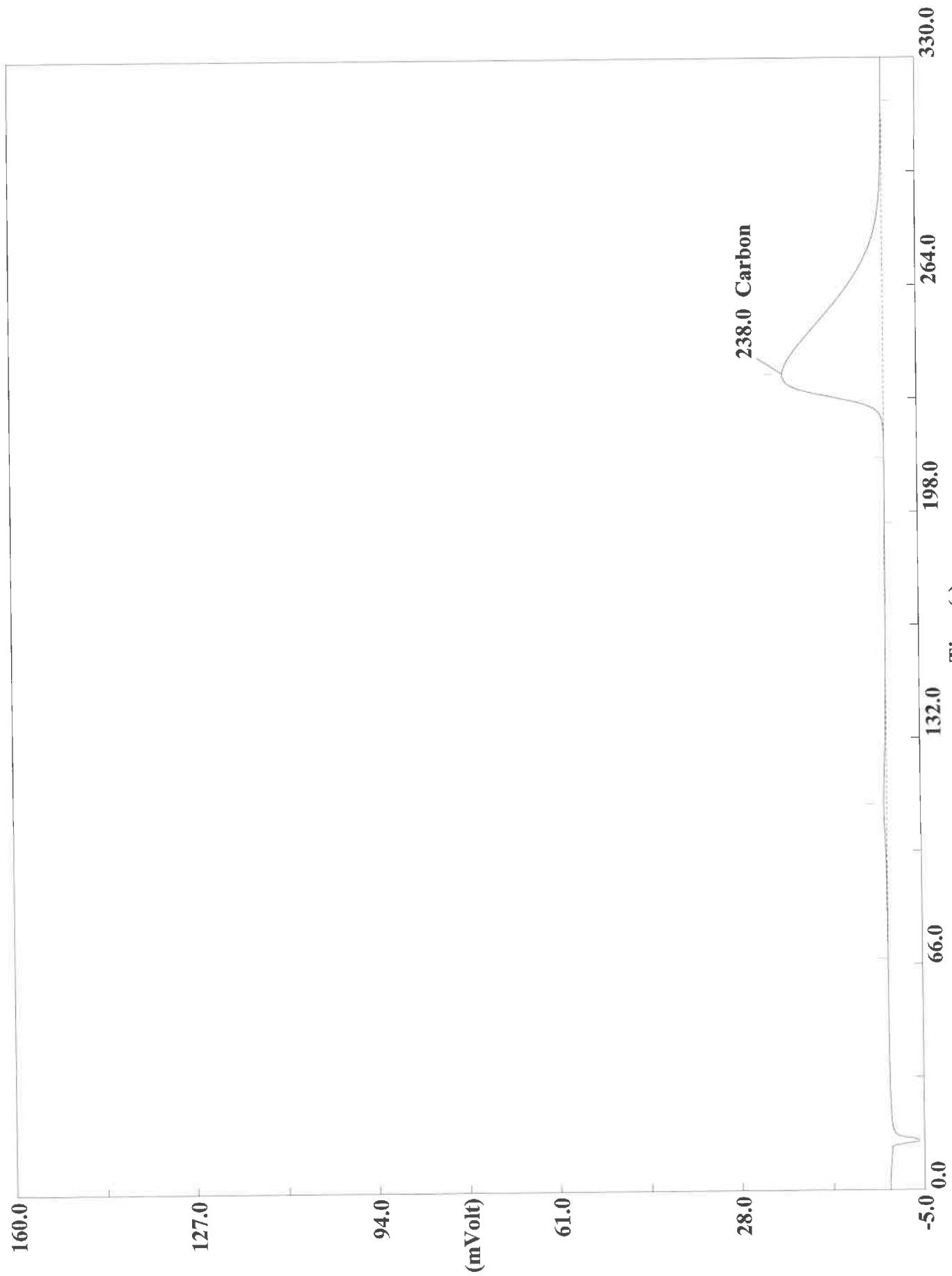
Page: 1 Sample: 180-111287-A-116 (A100220135)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220135
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:18 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-116 (# 146)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.6623	241	4049303	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220136.DAT
Sample name : 180-111287-A-116 Analysed : 10/03/2020 01:24

Eager 300 Report

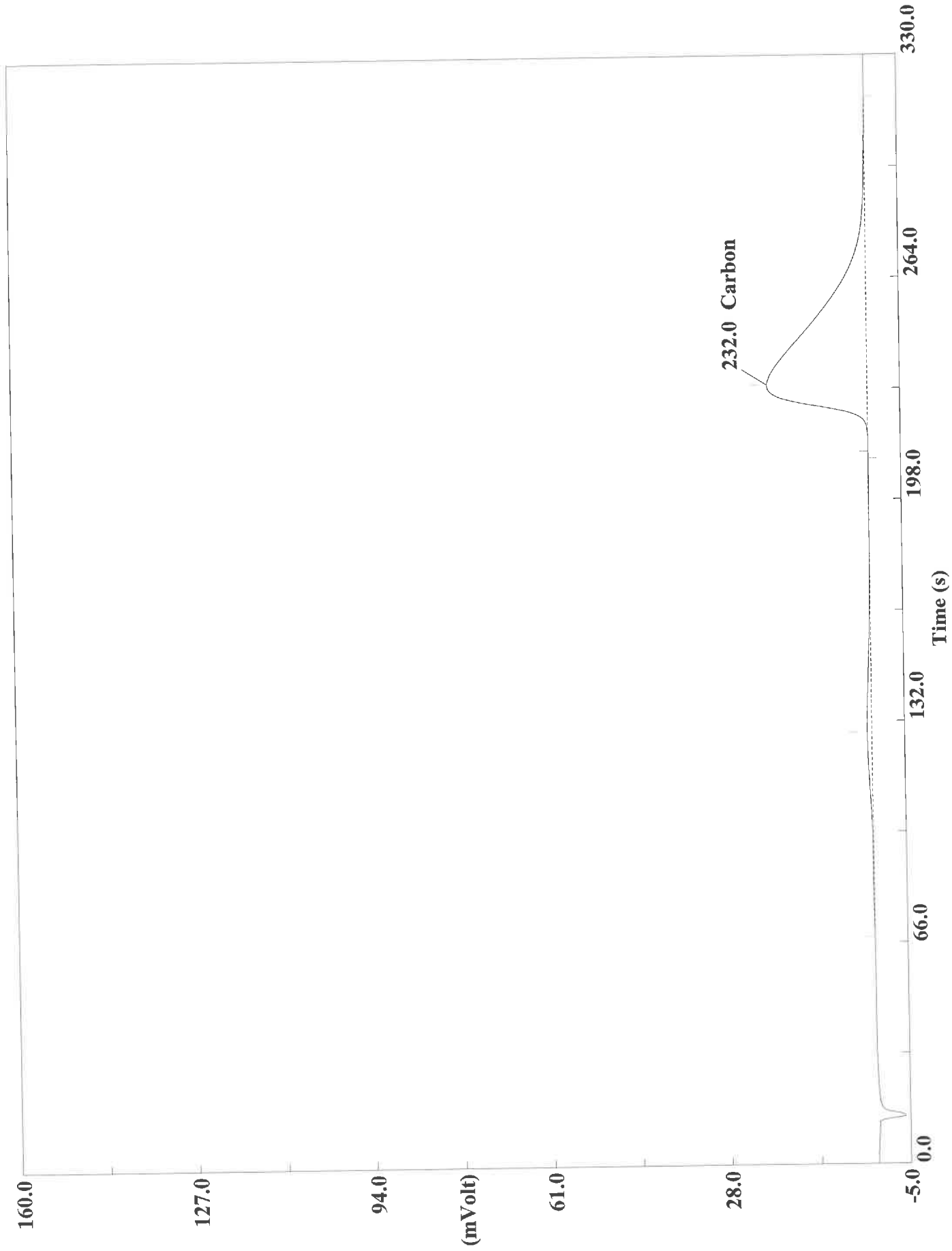
Page: 1 Sample: 180-111287-A-116 (A100220136)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220136
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:24 Printed : 10/4/2020 07:32
Sample ID : 180-111287-A-116 (# 147)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4789	238	5261357	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220138.DAT
Sample name :CCV Analysed :10/03/2020 01:35

Eager 300 Report

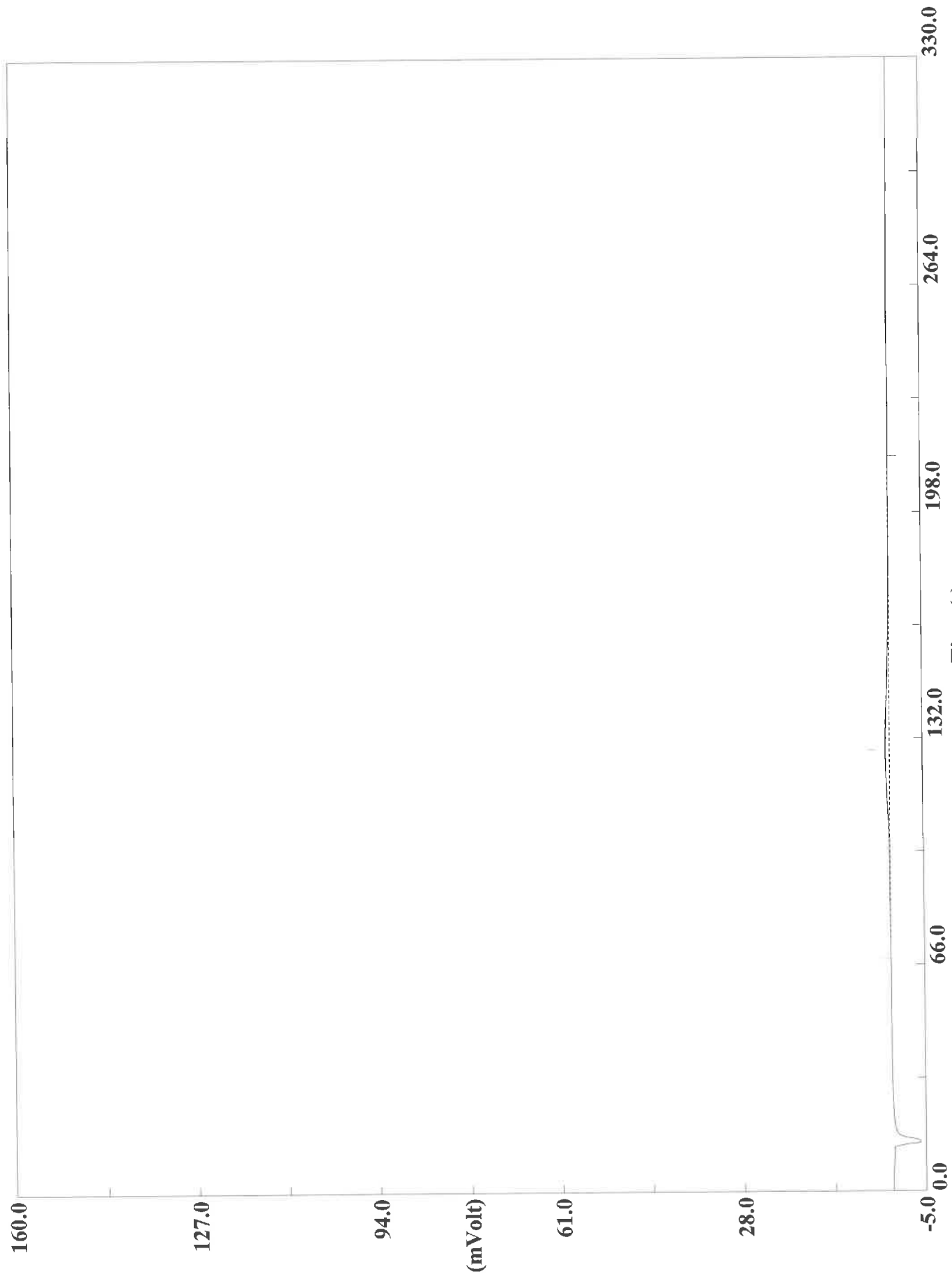
Page: 1 Sample: CCV (A100220138)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220138
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:35 Printed : 10/4/2020 07:32
Sample ID : CCV (# 149)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9939	232	5165814	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/04/20



Filename C:\data\January\A100220139.DAT
Sample name :CCB Analysed :10/03/2020 01:41

Eager 300 Report

Page: 1 Sample: CCB (A100220139)

Method Name : Lloyd Kahn
Method File : C:\data\January\100220A.mth
Chromatogram : A100220139
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/03/2020 01:41 Printed : 10/4/2020 07:32
Sample ID : CCB (# 150)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\092320A.mth

Sample table

Chromatogram overwrite : Enabled

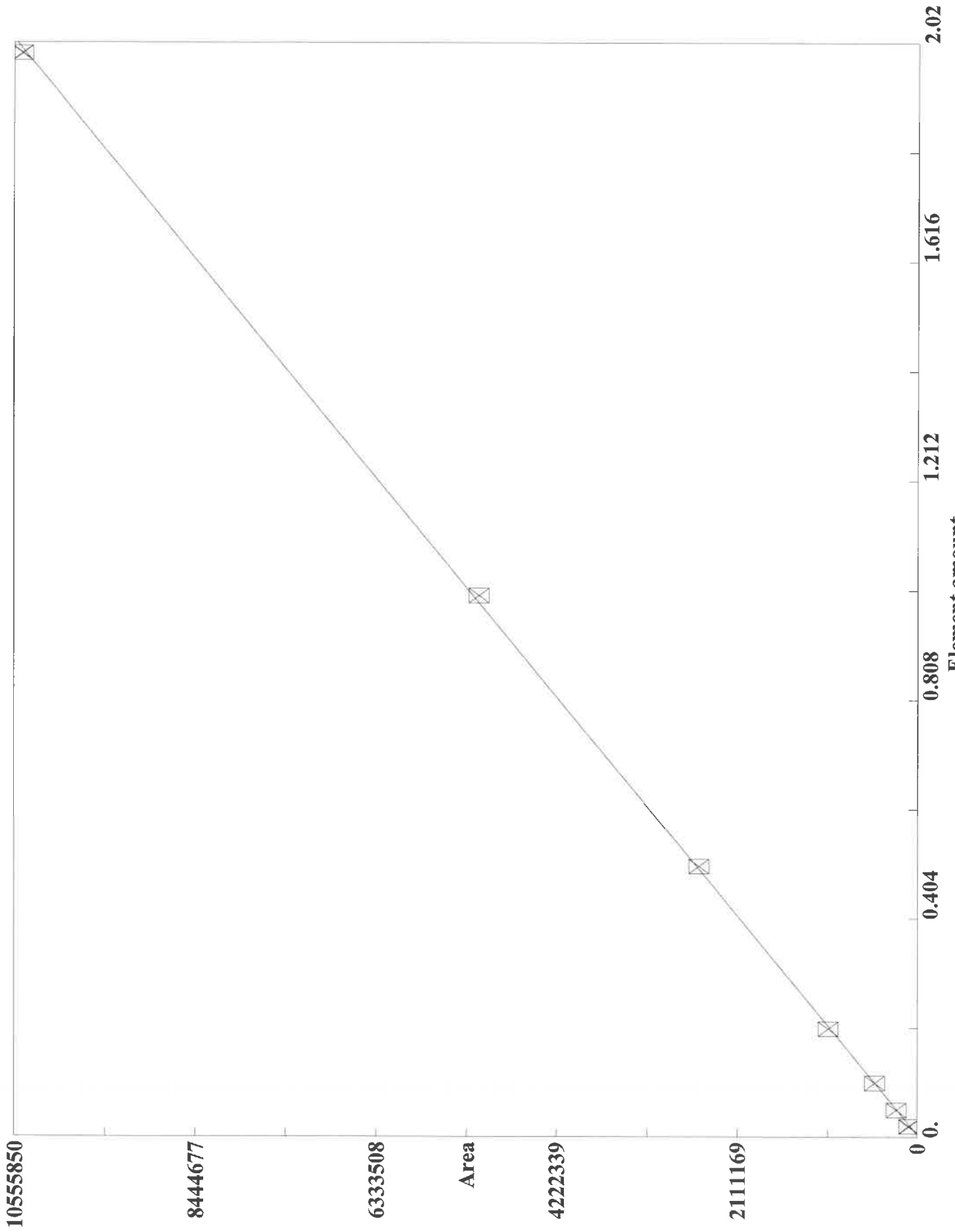
#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	CCV	A092320017	Unk	100	0
13	CCB	A092320018	Unk	20	0
14	MB	A092320019	Unk	21.1	0
15	MB	A092320020	Unk	24.4	0
16	LCS	A092320021	Unk	12.7	0
17	LCS	A092320022	Unk	9.8	0
18	180-110583-A-9	A092320023	Unk	18.2	0
19	180-110583-A-9	A092320024	Unk	18	0
20	Rinse	A092320025	Unk	1	0
21	180-110583-B-14	A092320026	Unk	10.6	0
22	180-110583-B-14	A092320027	Unk	7.4	0
23	Rinse	A092320028	Unk	1	0
24	180-110583-B-14 MS	A092320029	Unk	8.3	0
25	180-110583-B-14 MS	A092320030	Unk	6.6	0
26	Rinse	A092320031	Unk	1	0
27	180-110583-B-14 MSD	A092320032	Unk	7.7	0
28	180-110583-B-14 MSD	A092320033	Unk	7.8	0
29	Rinse	A092320034	Unk	1	0
30	180-110583-A-19	A092320035	Unk	13.1	0
31	180-110583-A-19	A092320036	Unk	16.6	0
32	Rinse	A092320037	Unk	1	0
33	CCV	A092320038	Unk	100	0
34	CCB	A092320039	Unk	20	0
35	180-110583-A-20	A092320040	Unk	11.9	0
36	180-110583-A-20	A092320041	Unk	9.1	0
37	Rinse	A092320042	Unk	1	0

Llyod Kahn %Readback Error Calculation Spreadsheet

ICAL Std (ppm)	ICAL ID	Average Area	% Actual Carbon of Std.	%Readback Error	%Readback Criteria
1000	092320LK_ICAL	99423	0.0073	27.364	≤50%
2500	092320LK_ICAL	247009	0.0856	14.411	≤30%
5000	092320LK_ICAL	499611	0.0912	8.825	≤30%
10000	092320LK_ICAL	1048607	0.0982	1.838	≤30%
25000	092320LK_ICAL	2561375	0.9721	2.787	≤30%
50000	092320LK_ICAL	5128187	0.9777	2.231	≤30%
100000	092320LK_ICAL	10456420	0.9991	0.090	≤30%

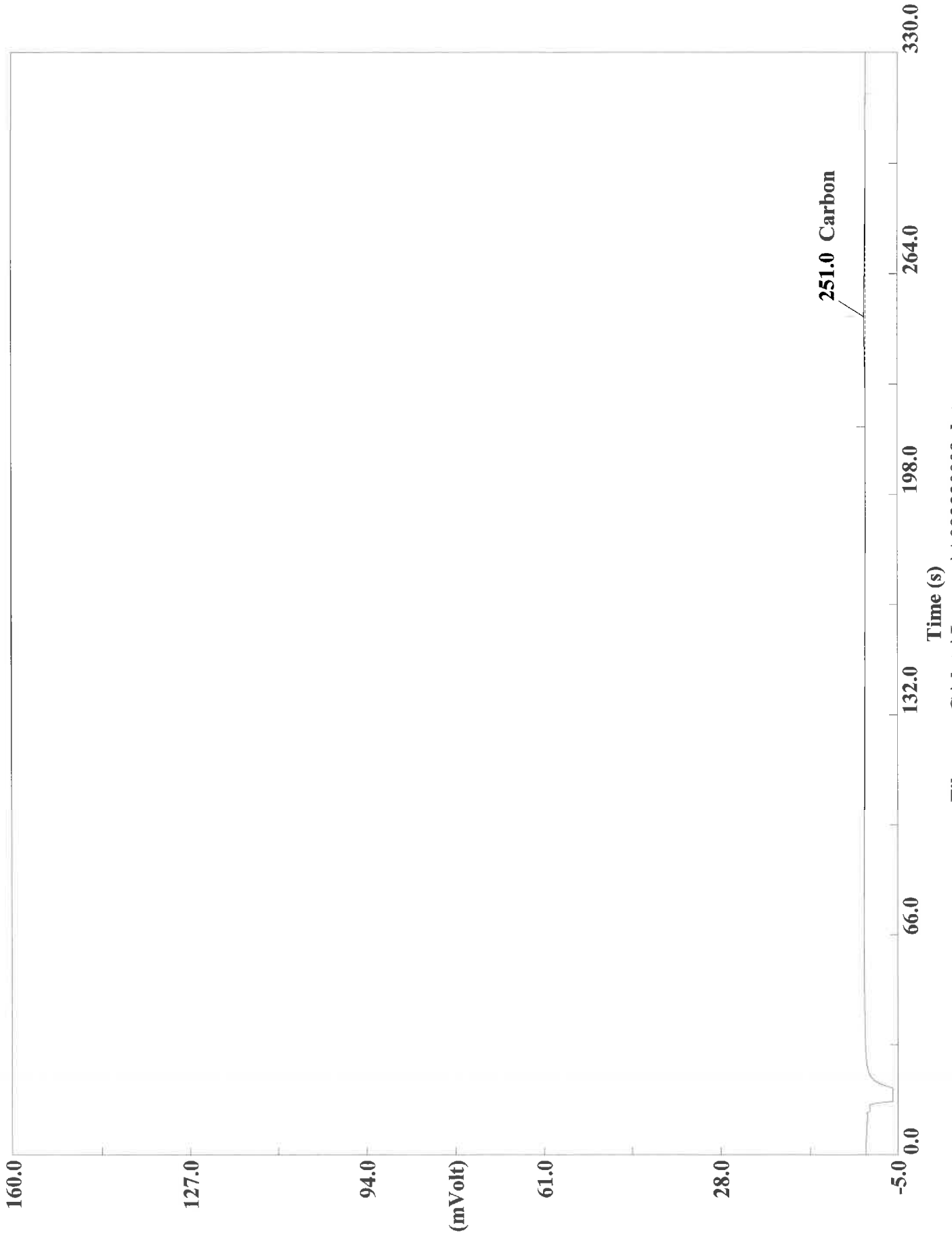
Kb Value	Ke Value	Volume Cal Standard Injected	True Value Carbon Std in %
		200	0.01
		50	0.10
		100	0.10
		200	0.10
		50	1.00
		100	1.00
		200	1.00

Eager300 Calibration curve



Component name : Carbon (Linear fit) Kb=5221102 Kc=-23575.17 CF=0.9999058

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320009.dat
Sample name : 1,000 KHP CT#3785365 Analysed : 09/23/2020 14:23

Eager 300 Report

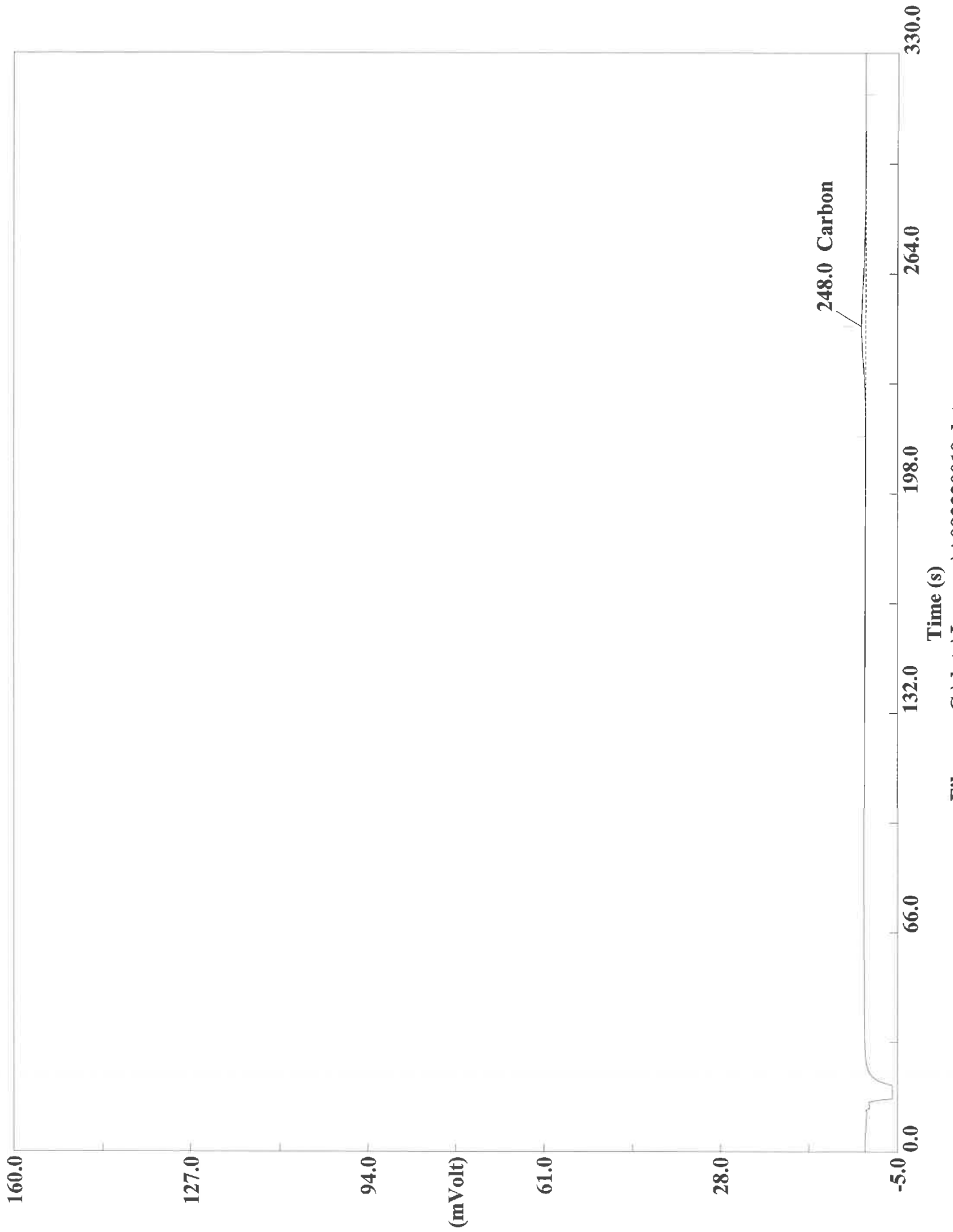
Page: 1 Sample: 1,000 KHP CT#3785365 (A092320009)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:23 Printed : 9/23/2020 14:29
Sample ID : 1,000 KHP CT#3785365 (# 4)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.0100	251	99423	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320010.dat
Sample name :2,500 KHP CT#3785364 Analysed :09/23/2020 14:29

Eager 300 Report

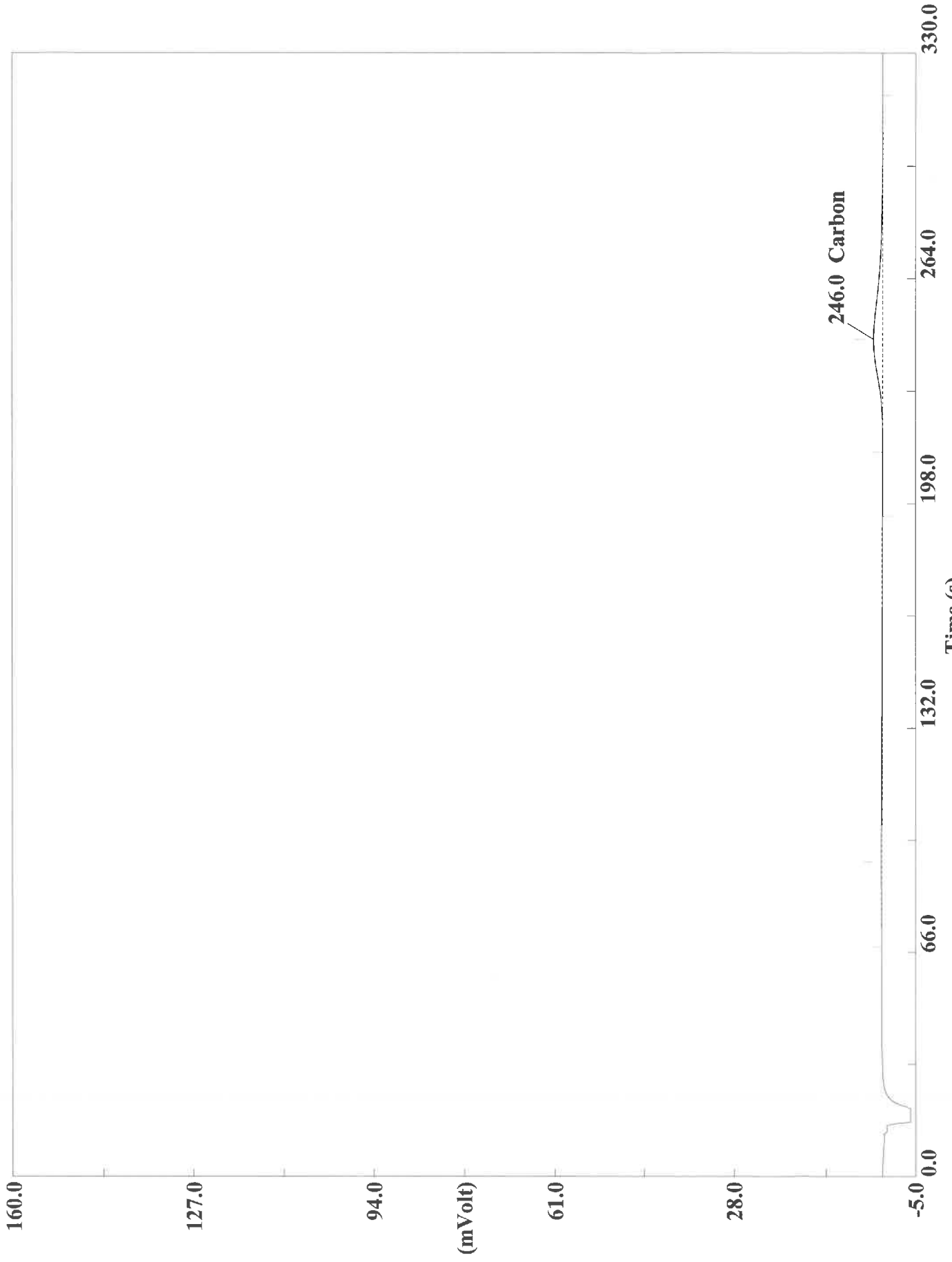
Page: 1 Sample: 2,500 KHP CT#3785364 (A092320010)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320010
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:29 Printed : 9/23/2020 14:34
Sample ID : 2,500 KHP CT#3785364 (# 5)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	248	247009	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320011.dat
Sample name :5,000 KHP CT#3785364 Analysed :09/23/2020 14:34

Eager 300 Report

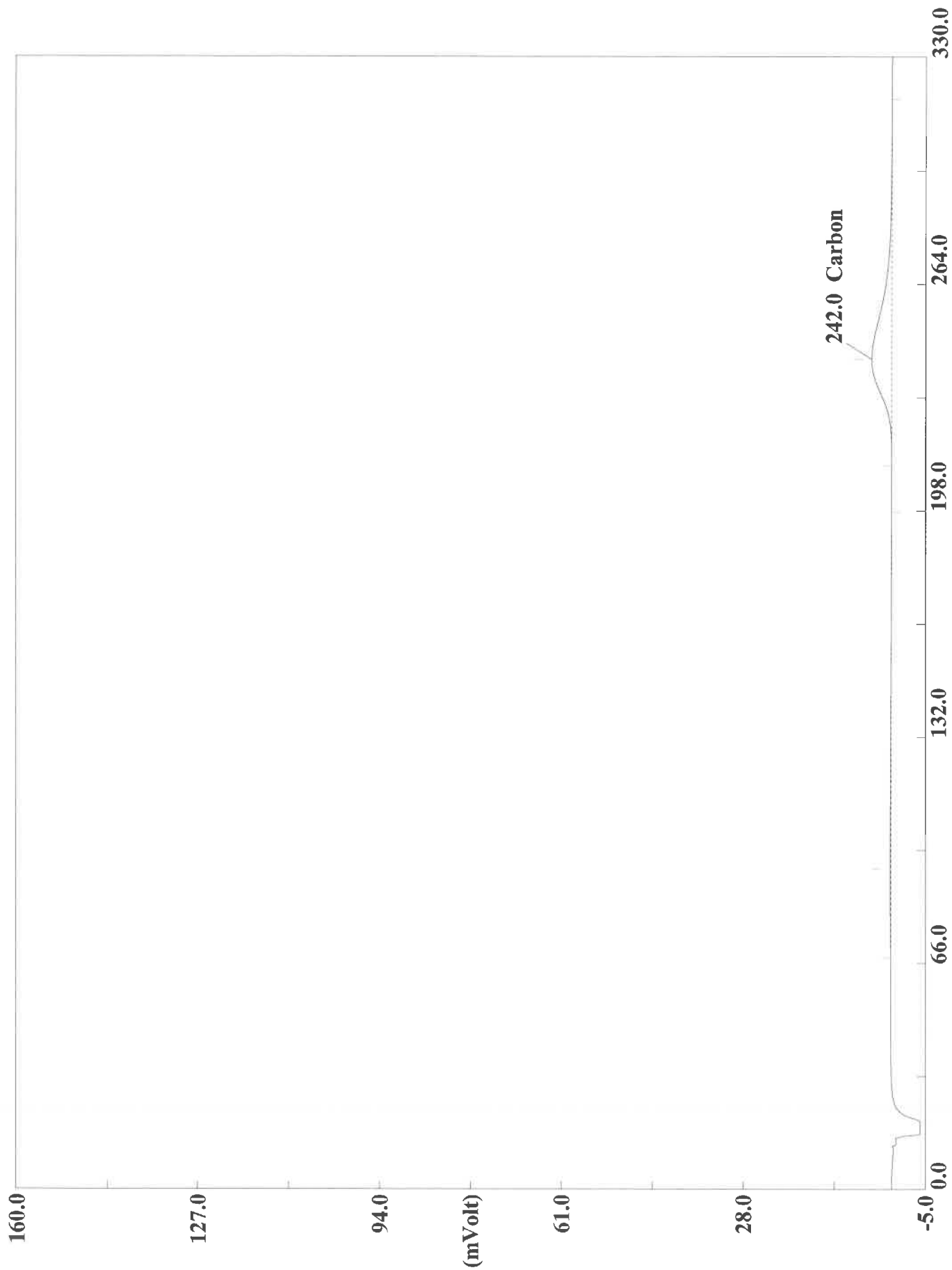
Page: 1 Sample: 5,000 KHP CT#3785364 (A092320011)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:34 Printed : 9/23/2020 14:40
Sample ID : 5,000 KHP CT#3785364 (# 6)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	246	499611	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320012.dat
Sample name : 10,000 KHP CT#3785364 Analysed : 09/23/2020 14:40

Eager 300 Report

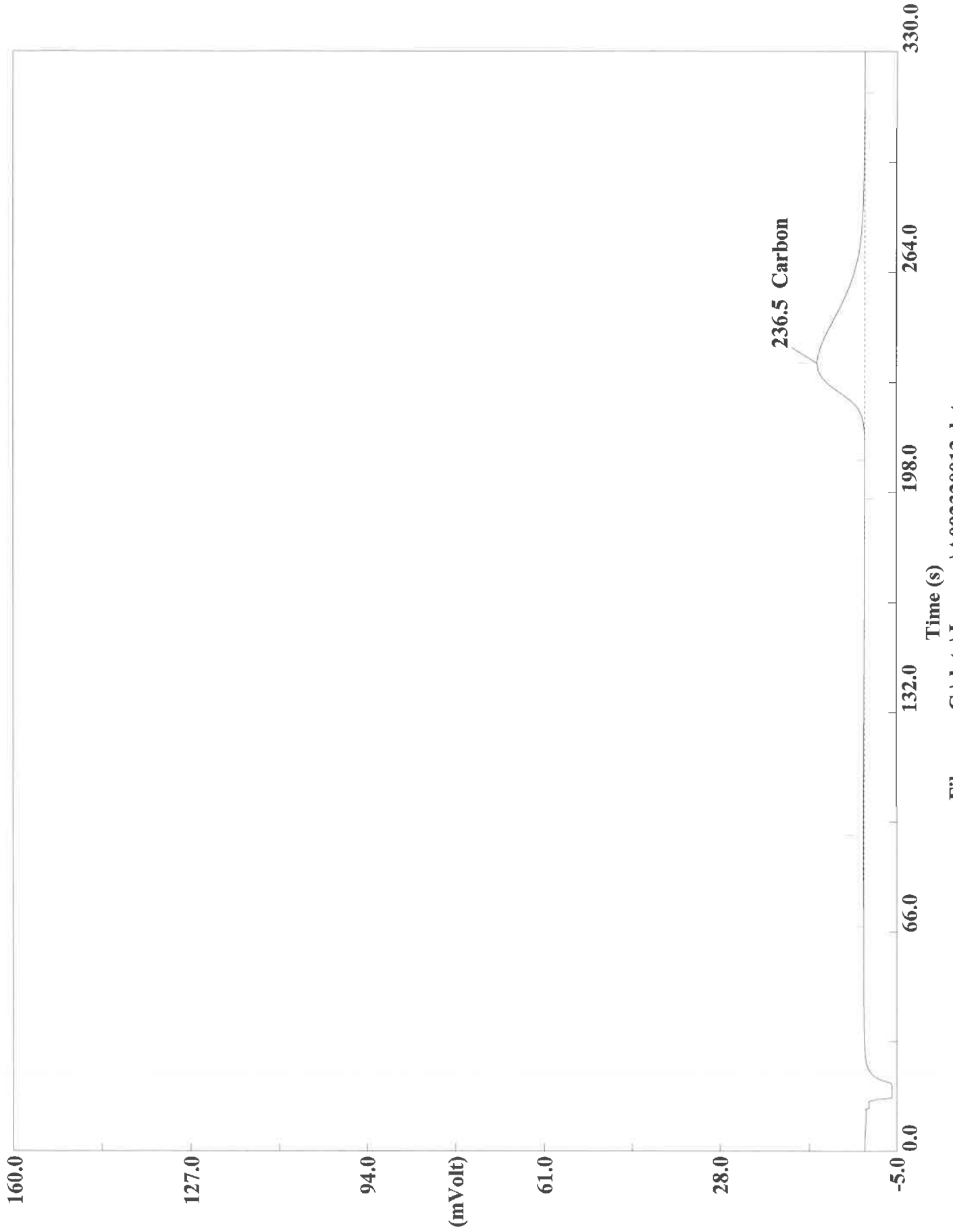
Page: 1 Sample: 10,000 KHP CT#3785364 (A092320012)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:40 Printed : 9/23/2020 14:46
Sample ID : 10,000 KHP CT#3785364 (# 7)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.1000	242	1048607	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320013.dat
Sample name :25,000 KHP CT#3785363 Analysed :09/23/2020 14:46

Eager 300 Report

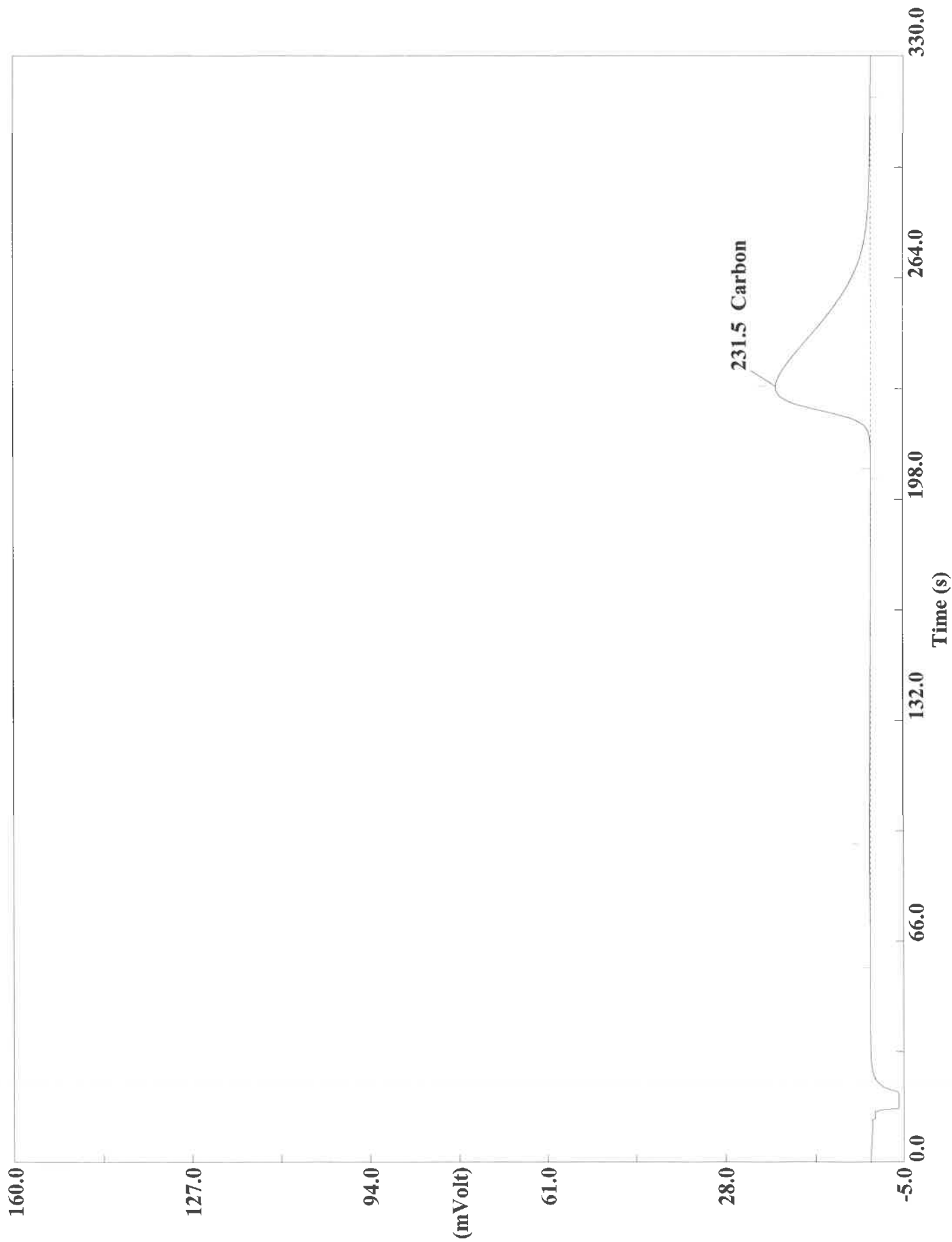
Page: 1 Sample: 25,000 KHP CT#3785363 (A092320013)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320013
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:46 Printed : 9/23/2020 14:51
Sample ID : 25,000 KHP CT#3785363 (# 8)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 50

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	237	2561375	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320014.dat
Sample name :50,000 KHP CT#3785363 Analysed :09/23/2020 14:51

Eager 300 Report

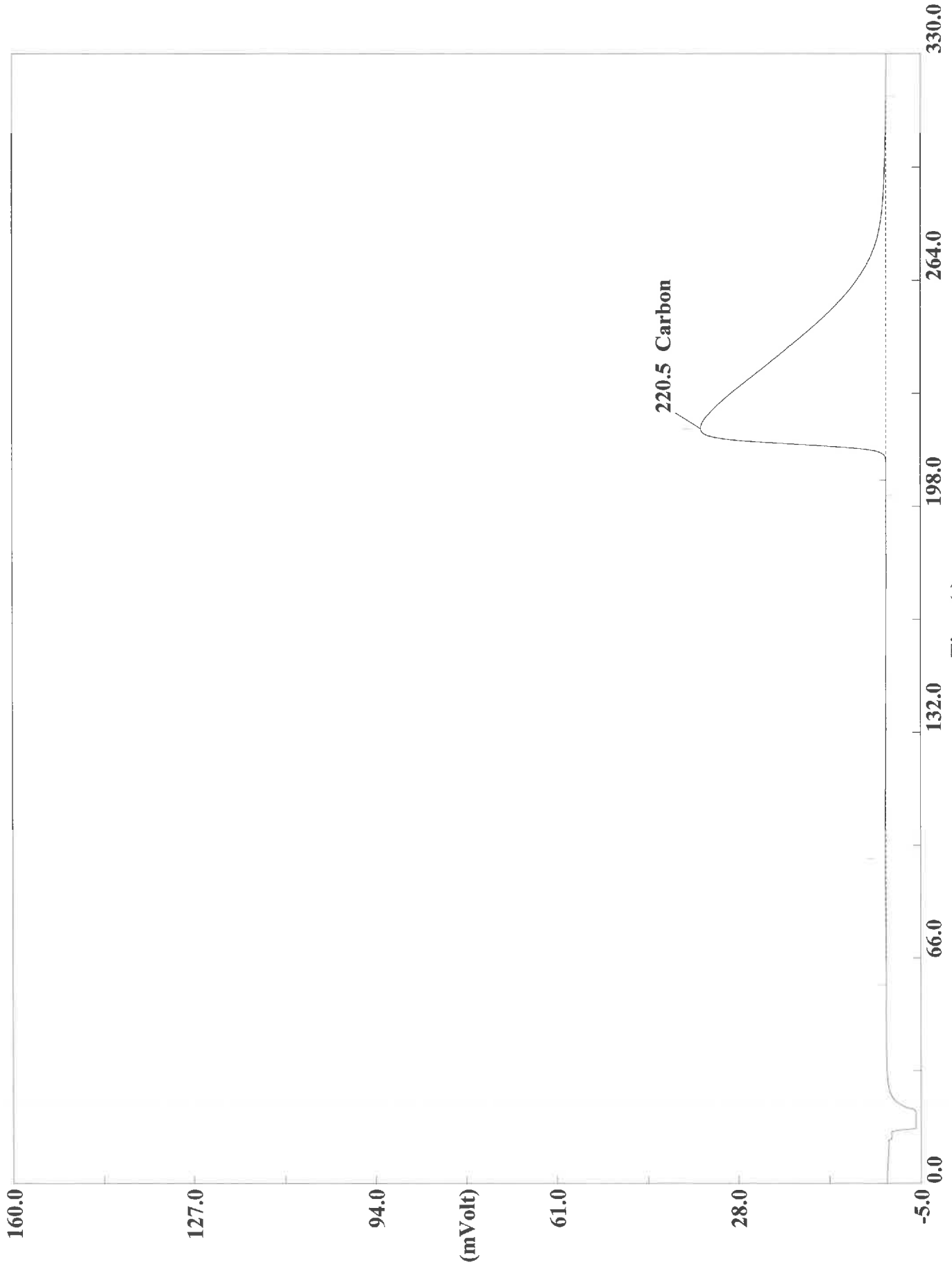
Page: 1 Sample: 50,000 KHP CT#3785363 (A092320014)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:51 Printed : 9/23/2020 14:57
Sample ID : 50,000 KHP CT#3785363 (# 9)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	232	5128187	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320015.dat
Sample name : 100,000 KHP CT#3785363 Analysed : 09/23/2020 14:57

Eager 300 Report

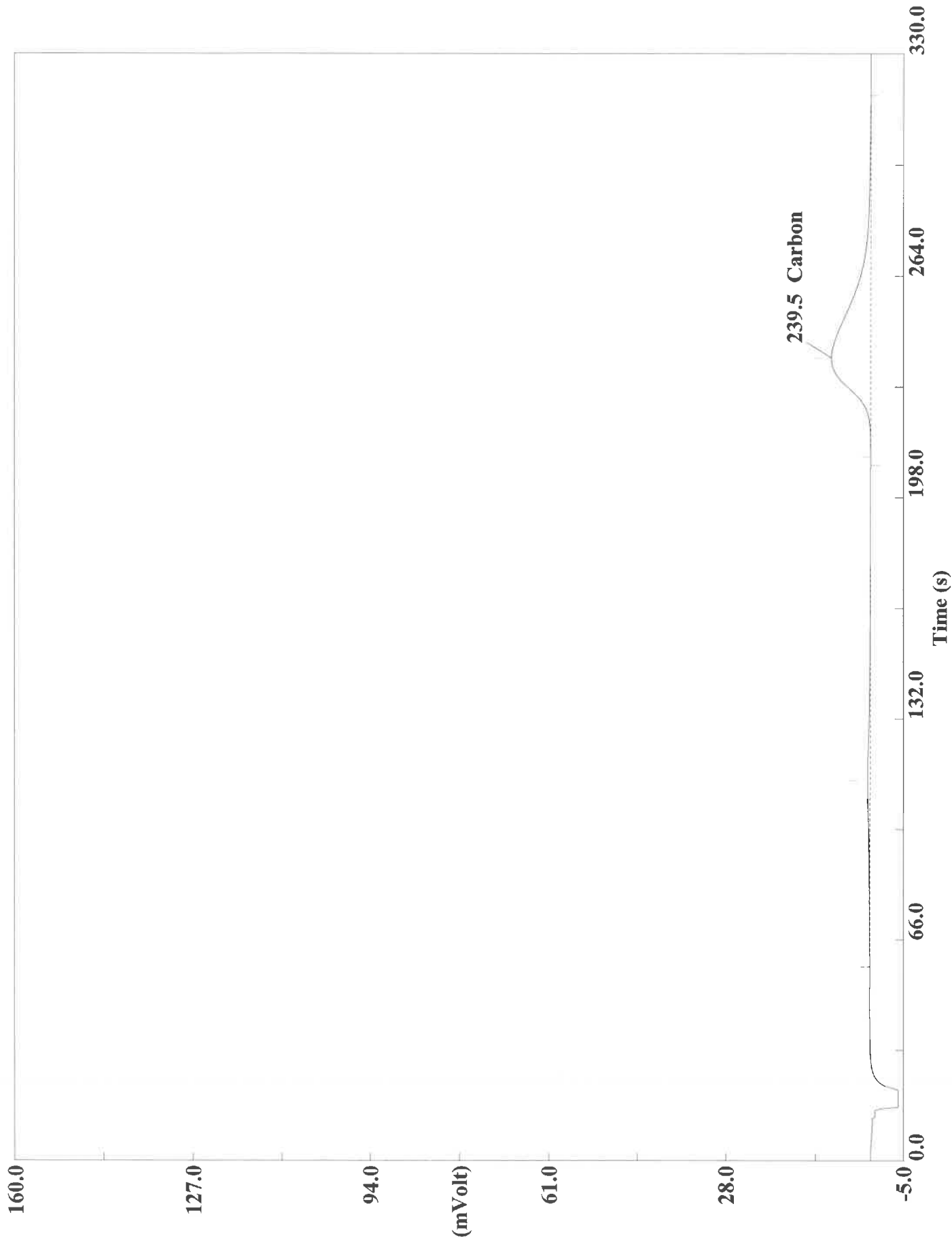
Page: 1 Sample: 100,000 KHP CT#3785363 (A092320015)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 14:57 Printed : 9/23/2020 15:03
Sample ID : 100,000 KHP CT#3785363 (# 10)
Instrument N. : Instrument #1
Analysis Type : Calibration (Area) Sample weight : 200

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0000	221	10456420	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320016.dat
Sample name :ICV 37,810 KHP CT#3742673 Analysed :09/23/2020 15:03

Eager 300 Report

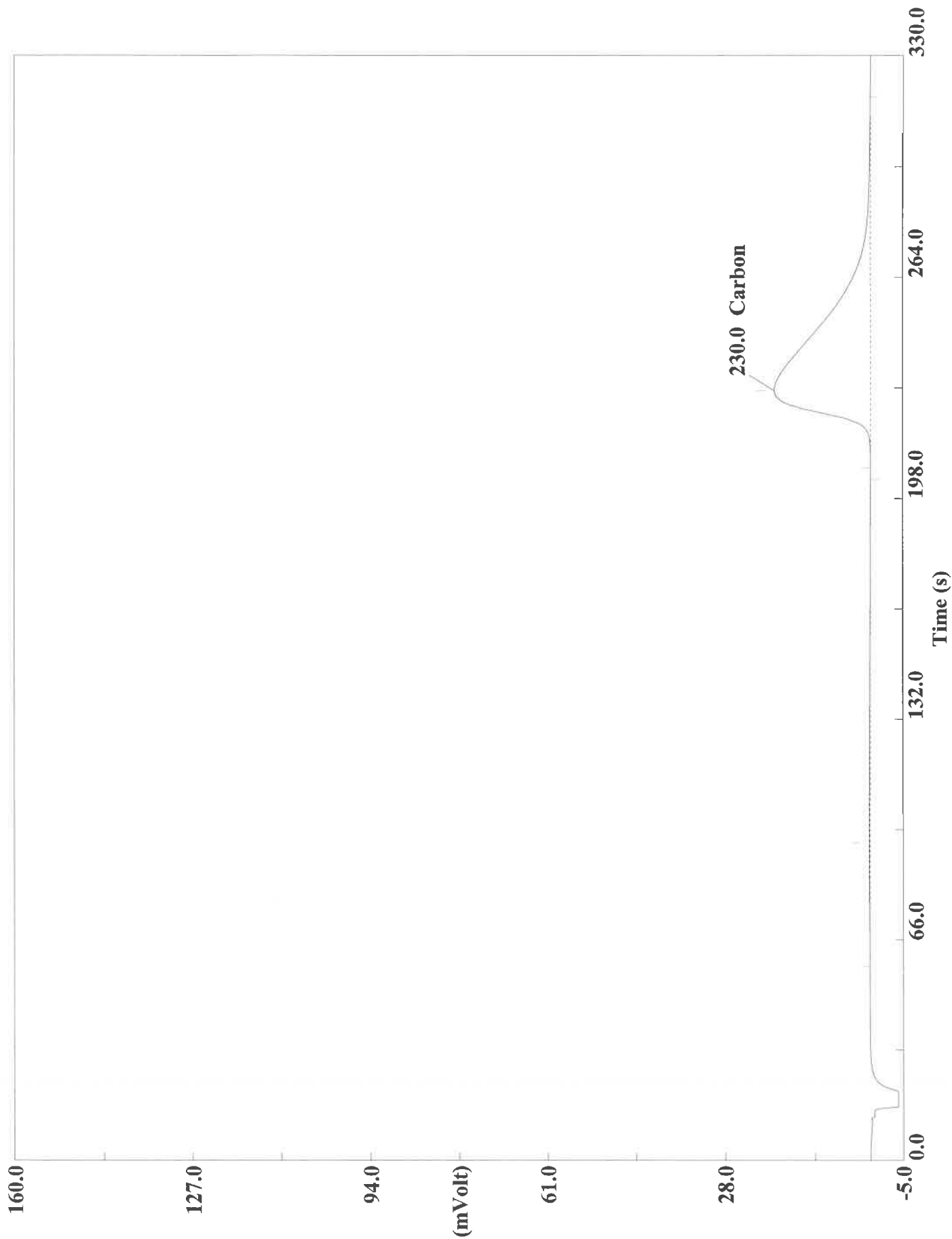
Page: 1 Sample: ICV 37,810 KHP CT#3742673 (A092320016)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320016
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:03 Printed : 9/23/2020 15:08
Sample ID : ICV 37,810 KHP CT#3742673 (# 11)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.4865	240	2087987	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320017.dat
Sample name :CCV Analysed :09/23/2020 15:08

Eager 300 Report

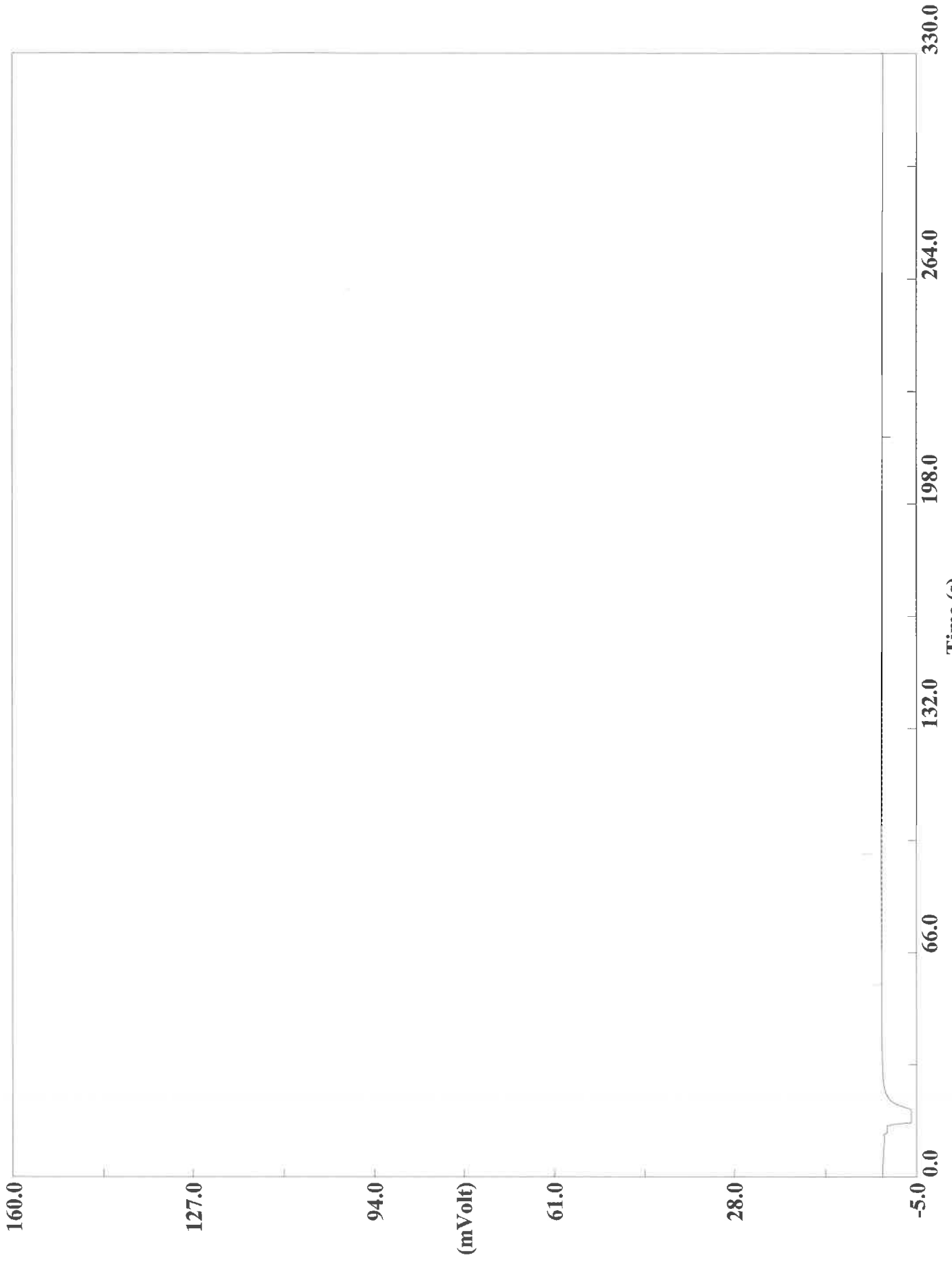
Page: 1 Sample: CCV (A092320017)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:08 Printed : 9/23/2020 15:14
Sample ID : CCV (# 12)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9923	230	5157272	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 09/23/20



Filename C:\data\January\A092320018.dat
Sample name :CCB Analysed :09/23/2020 15:14

Eager 300 Report

Page: 1 Sample: CCB (A092320018)

Method Name : Lloyd Kahn
Method File : C:\data\January\092320A.mth
Chromatogram : A092320018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 09/23/2020 15:14 Printed : 9/23/2020 15:20
Sample ID : CCB (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

Eager Xperience

Method name : Lloyd Kahn
 Method filename : C:\data\January\100420A.mth

Sample table

Chromatogram overwrite : Enabled

Don Ferguson 10/5/20 BATCH 332286

#	Sample name	Filename	Type	Weight	Hum. %
1	BYPASS	A092320006	ByP	-	0
2	BLANK	A092320007	Blk	-	0
3	BLANK	A092320008	Blk	-	0
4	1,000 KHP CT#3785365	A092320009	Std	200	0
5	2,500 KHP CT#3785364	A092320010	Std	50	0
6	5,000 KHP CT#3785364	A092320011	Std	100	0
7	10,000 KHP CT#3785364	A092320012	Std	200	0
8	25,000 KHP CT#3785363	A092320013	Std	50	0
9	50,000 KHP CT#3785363	A092320014	Std	100	0
10	100,000 KHP CT#3785363	A092320015	Std	200	0
11	ICV 37,810 KHP CT#3742673	A092320016	Unk	11.6	0
12	Rinse	A100420001	Unk	1	0
13	CCV	A100420002	Unk	100	0
14	CCB	A100420003	Unk	20	0
15	MB	A100420004	Unk	22.9	0
16	MB	A100420005	Unk	21.3	0
17	LCS	A100420006	Unk	11	0
18	LCS	A100420007	Unk	10.7	0
19	180-111287-A-20	A100420008	Unk	24.3	0
20	180-111287-A-20	A100420009	Unk	21.2	0
21	Rinse	A100420010	Unk	1	0
22	180-111287-A-20 MS	A100420011	Unk	23.1	0
23	180-111287-A-20 MS	A100420012	Unk	18.3	0
24	Rinse	A100420013	Unk	1	0
25	180-111287-A-20 MSD	A100420014	Unk	20.9	0
26	180-111287-A-20 MSD	A100420015	Unk	25	0
27	Rinse	A100420016	Unk	1	0
28	180-111287-A-109	A100420017	Unk	17	0
29	180-111287-A-109	A100420018	Unk	18.4	0
30	Rinse	A100420019	Unk	1	0
31	180-111287-A-111	A100420020	Unk	21	0
32	180-111287-A-111	A100420021	Unk	19	0
33	Rinse	A100420022	Unk	1	0
34	CCV	A100420023	Unk	100	0
35	CCB	A100420024	Unk	20	0
36	180-111287-A-117	A100420025	Unk	25.1	0
37	180-111287-A-117	A100420026	Unk	28.7	0

#	Sample name	Filename	Type	Weight	Hum. %
38	Rinse	A100420027	Unk	1	0
39	180-111287-A-118	A100420028	Unk	16	0
40	180-111287-A-118	A100420029	Unk	21.4	0
41	Rinse	A100420030	Unk	1	0
42	180-111287-A-119	A100420031	Unk	15.9	0
43	180-111287-A-119	A100420032	Unk	20	0
44	Rinse	A100420033	Unk	1	0
45	180-111287-A-120	A100420034	Unk	23.9	0
46	180-111287-A-120	A100420035	Unk	18.2	0
47	Rinse	A100420036	Unk	1	0
48	180-111287-A-121	A100420037	Unk	18.1	0
49	180-111287-A-121	A100420038	Unk	19.2	0
50	Rinse	A100420039	Unk	1	0
51	180-111287-A-122	A100420040	Unk	22.5	0
52	180-111287-A-122	A100420041	Unk	19.6	0
53	Rinse	A100420042	Unk	1	0
54	CCV	A100420043	Unk	100	0
55	CCB	A100420044	Unk	20	0
56	180-111287-A-123	A100420045	Unk	21.7	0
57	180-111287-A-123	A100420046	Unk	17.7	0
58	Rinse	A100420047	Unk	1	0
59	180-111287-A-124	A100420048	Unk	17.8	0
60	180-111287-A-124	A100420049	Unk	18.6	0
61	Rinse	A100420050	Unk	1	0
62	180-111287-A-124 MS	A100420051	Unk	20.9	0
63	180-111287-A-124 MS	A100420052	Unk	18.6	0
64	Rinse	A100420053	Unk	1	0
65	180-111287-A-124 MSD	A100420054	Unk	18.1	0
66	180-111287-A-124 MSD	A100420055	Unk	22	0
67	Rinse	A100420056	Unk	1	0
68	180-111287-A-126	A100420057	Unk	20.1	0
69	180-111287-A-126	A100420058	Unk	17.7	0
70	Rinse	A100420059	Unk	1	0
71	180-111287-A-127	A100420060	Unk	20.8	0
72	180-111287-A-127	A100420061	Unk	20.3	0
73	Rinse	A100420062	Unk	1	0
74	CCV	A100420063	Unk	100	0
75	CCB	A100420064	Unk	20	0
76	180-111287-A-128	A100420065	Unk	24.2	0
77	180-111287-A-128	A100420066	Unk	24.4	0
78	Rinse	A100420067	Unk	1	0
79	180-111287-A-129	A100420068	Unk	19.6	0
80	180-111287-A-129	A100420069	Unk	22.8	0
81	Rinse	A100420070	Unk	1	0
82	180-111287-A-130	A100420071	Unk	24.6	0
83	180-111287-A-130	A100420072	Unk	21.3	0

#	Sample name	Filename	Type	Weight	Hum. %
84	Rinse	A100420073	Unk	1	0
85	180-111287-A-131	A100420074	Unk	18.6	0
86	180-111287-A-131	A100420075	Unk	17.6	0
87	Rinse	A100420076	Unk	1	0
88	180-111287-A-132	A100420077	Unk	23.4	0
89	180-111287-A-132	A100420078	Unk	23	0
90	Rinse	A100420079	Unk	1	0
91	180-111287-A-133	A100420080	Unk	19.1	0
92	180-111287-A-133	A100420081	Unk	19.1	0
93	Rinse	A100420082	Unk	1	0
94	CCV	A100420083	Unk	100	0
95	CCB	A100420084	Unk	20	0
96	MB	A100420085	Unk	23.6	0
97	MB	A100420086	Unk	22.6	0
98	LCS	A100420087	Unk	10.6	0
99	LCS	A100420088	Unk	12	0
100	180-111287-A-125	A100420089	Unk	17	0
101	180-111287-A-125	A100420090	Unk	17.6	0
102	Rinse	A100420091	Unk	1	0
103	180-111287-A-125 MS	A100420092	Unk	17.1	0
104	180-111287-A-125 MS	A100420093	Unk	17.2	0
105	Rinse	A100420094	Unk	1	0
106	180-111287-A-125 MSD	A100420095	Unk	17.8	0
107	180-111287-A-125 MSD	A100420096	Unk	17.5	0
108	Rinse	A100420097	Unk	1	0
109	180-111287-A-134	A100420098	Unk	21.9	0
110	180-111287-A-134	A100420099	Unk	20.7	0
111	Rinse	A100420100	Unk	1	0
112	180-111287-A-135	A100420101	Unk	17.2	0
113	180-111287-A-135	A100420102	Unk	21.8	0
114	Rinse	A100420103	Unk	1	0
115	CCV	A100420104	Unk	100	0
116	CCB	A100420105	Unk	20	0
117	180-111287-A-136	A100420106	Unk	18.6	0
118	180-111287-A-136	A100420107	Unk	16	0
119	Rinse	A100420108	Unk	1	0
120	180-111287-A-137	A100420109	Unk	15.3	0
121	180-111287-A-137	A100420110	Unk	15.8	0
122	Rinse	A100420111	Unk	1	0
123	180-111315-A-27	A100420112	Unk	17.7	0
124	180-111315-A-27	A100420113	Unk	21.7	0
125	Rinse	A100420114	Unk	1	0
126	180-111315-A-29	A100420115	Unk	25	0
127	180-111315-A-29	A100420116	Unk	18.6	0
128	Rinse	A100420117	Unk	1	0
129	180-111359-F-4	A100420118	Unk	14.3	0

ERROR
91

#	Sample name	Filename	Type	Weight	Hum. %
130	180-111359-F-4	A100420119	Unk	12.2	0
131	Rinse	A100420120	Unk	1	0
132	180-111359-F-5	A100420121	Unk	9.4	0
133	180-111359-F-5	A100420122	Unk	9.2	0
134	Rinse	A100420123	Unk	1	0
135	CCV	A100420124	Unk	100	0
136	CCB	A100420125	Unk	20	0
137	NRR 180-111359-D-6	A100420126	Unk	22.6	0
138	180-111359-D-6	A100420127	Unk	20	0
139	Rinse	A100420128	Unk	1	0
140	180-111387-B-2	A100420129	Unk	18	0
141	180-111387-B-2	A100420130	Unk	15.1	0
142	Rinse	A100420131	Unk	1	0
143	CCV	A100420132	Unk	100	0
144	CCB	A100420133	Unk	20	0

Analyst: *Don Ferguson*

Date: *10/4/20*

N.L.K.
10/5/20

Job No.	Sample ID	Weight (mg)	Average Weights
	MB	22.9	
	MB	21.3	22.1
	LCS	11.0	
	LCS	10.7	10.85
180-111287-20	111287-20	24.3	
	-20	21.2	22.75
	111287-20MS	23.1+11.6	
	-20MS	18.3+10.1	20.7+10.85
	111287-20MSD	20.9+10.2	
	-20MSD	25.0+9.2	22.95+9.7
180-111287-124	111287-124	17.8	
	-124	18.6	18.2
	111287-124MS	20.9+8.5	
	-124MS	18.6+8.6	19.75+8.55
	111287-124MSD	18.1+9.0	
	-124MSD	22.0+9.1	20.05+9.05
	MB	23.6	
	MB	22.6	23.1
	LCS	10.6	
	LCS	12.0	11.3
180-111287-125	111287-125	17.0	
	-125	17.6	17.3
	111287-125MS	17.1+12.9	
	-125MS	17.2+8.8	17.15+10.85
	111287-125MSD	17.8+9.7	
	-125MSD	17.5+12.0	17.65+10.85

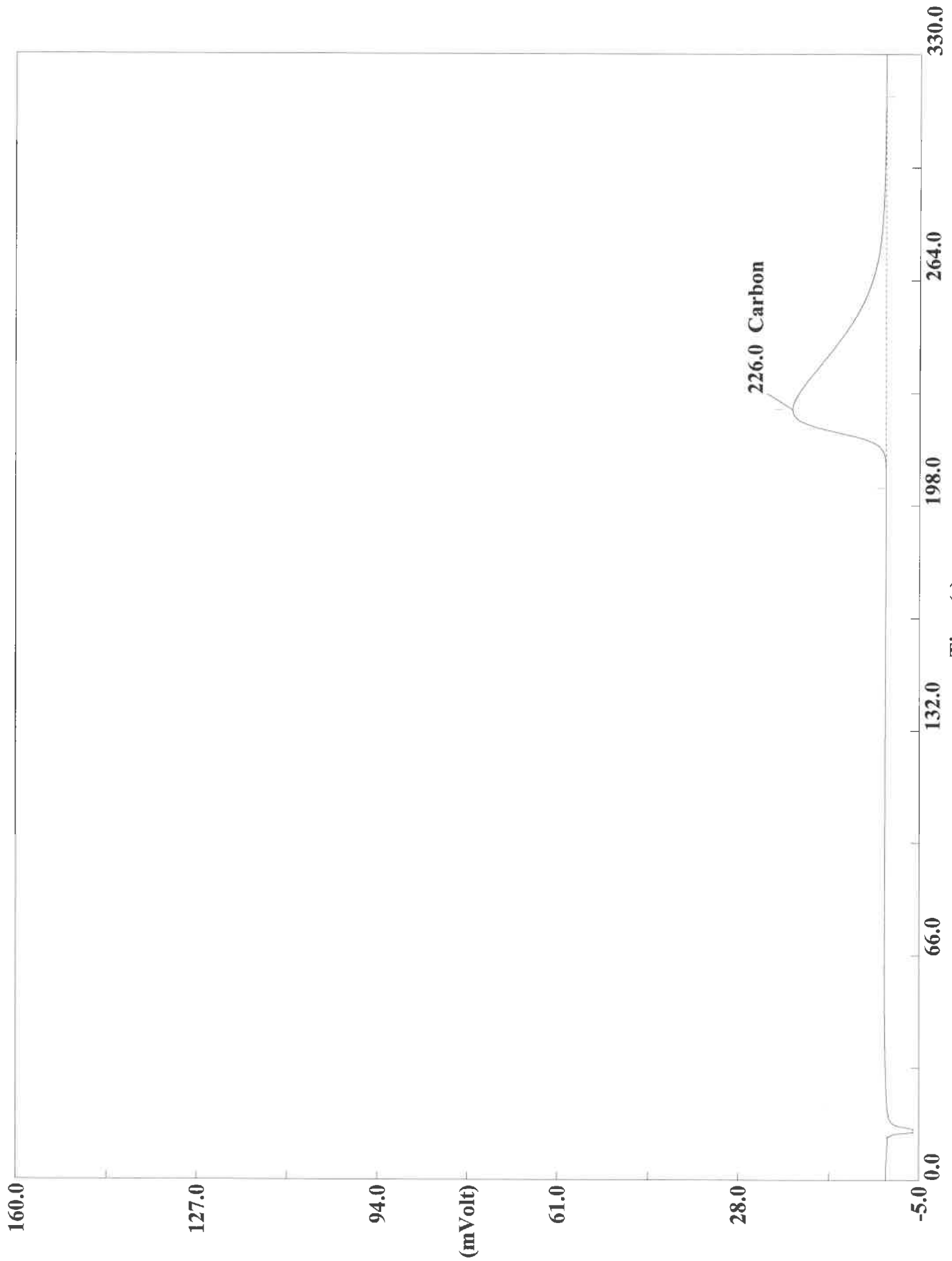
Lloyd Kahn %RPD Replicate Calculation Spreadsheet

BATCH 332286

Units: mg/kg

Batch#	Sample#	Results	Average	RPD
	MB	0		
	MB	0	0.000	#DIV/0!
	LCS	3.03104568		
	LCS	4.02309418	3.527	28.13
	180-111287-A-20	2.75227952		
	180-111287-A-20	2.47023845	2.611	10.80
	180-111287-A-20 MS	4.43216276		
	180-111287-A-20 MS	4.51205635	4.472	1.79
	180-111287-A-20 MSD	4.074862		
	180-111287-A-20 MSD	4.06361914	4.069	0.28
	180-111287-A-109	2.16624975		
	180-111287-A-109	2.32045937	2.243	6.87
	180-111287-A-111	2.99169183		
	180-111287-A-111	2.78331327	2.888	7.22
	180-111287-A-117	4.55935144		
	180-111287-A-117	2.91215301	3.736	44.09
	180-111287-A-118	3.2415874		
	180-111287-A-118	3.76261091	3.502	14.88
	180-111287-A-119	6.05722427		
	180-111287-A-119	4.27776623	5.167	34.44
	180-111287-A-120	2.61997747		
	180-111287-A-120	2.89617753	2.758	10.01
	180-111287-A-121	0.70940256		
	180-111287-A-121	0.71970731	0.715	1.44
	180-111287-A-122	0.7448647		
	180-111287-A-122	0.72156578	0.733	3.18
	180-111287-A-123	0.8633855		
	180-111287-A-123	0.78172147	0.823	9.93
	180-111287-A-124	2.99376297		
	180-111287-A-124	3.51869988	3.256	16.12
	180-111287-A-124 MS	4.49456453		
	180-111287-A-124 MS	5.305583	4.900	16.55
	180-111287-A-124 MSD	3.76269865		
	180-111287-A-124 MSD	5.02276421	4.393	28.69
	180-111287-A-126	4.14749336		
	180-111287-A-126	3.62979102	3.889	13.31
	180-111287-A-127	3.34491181		
	180-111287-A-127	3.61156392	3.478	7.67
	180-111287-A-128	3.15424204		
	180-111287-A-128	3.97720098	3.566	23.08
	180-111287-A-129	4.75699139		
	180-111287-A-129	3.75619292	4.257	23.51
	180-111287-A-130	5.04897213		
	180-111287-A-130	4.3433671	4.696	15.03
	180-111287-A-131	4.37089252		
	180-111287-A-131	5.16578627	4.768	16.67
	180-111287-A-132	3.69251204		
	180-111287-A-132	4.08059645	3.887	9.99
	180-111287-A-133	2.03924108		
	180-111287-A-133	2.75310206	2.396	29.79

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420002.DAT
Sample name :CCV Analysed :10/04/2020 12:37

Eager 300 Report

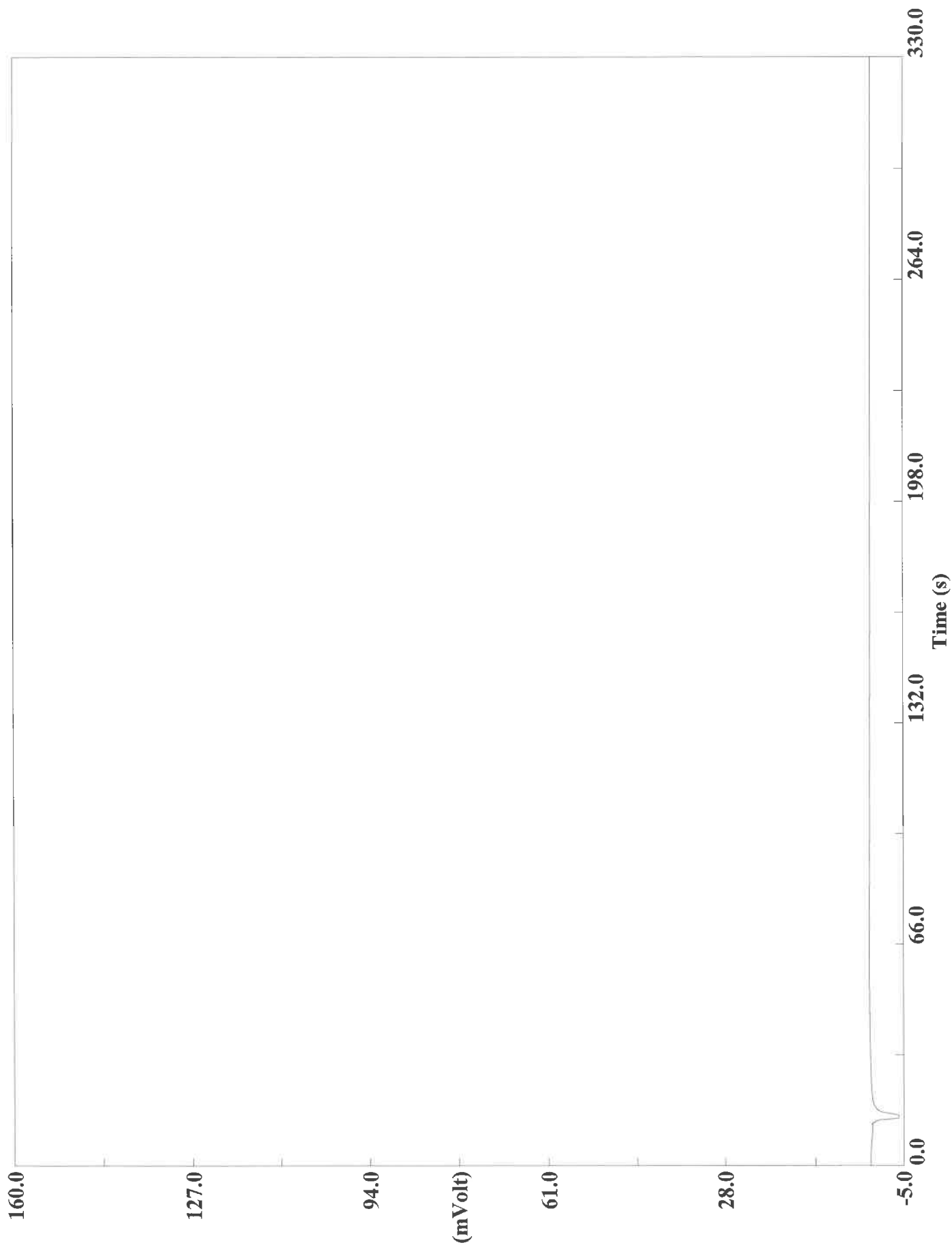
Page: 1 Sample: CCV (A100420002)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420002
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 12:37 Printed : 10/5/2020 06:56
Sample ID : CCV (# 13)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9674	226	5027294	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420003.DAT
Sample name :CCB Analysed :10/04/2020 12:43

Eager 300 Report

Page: 1 Sample: CCB (A100420003)

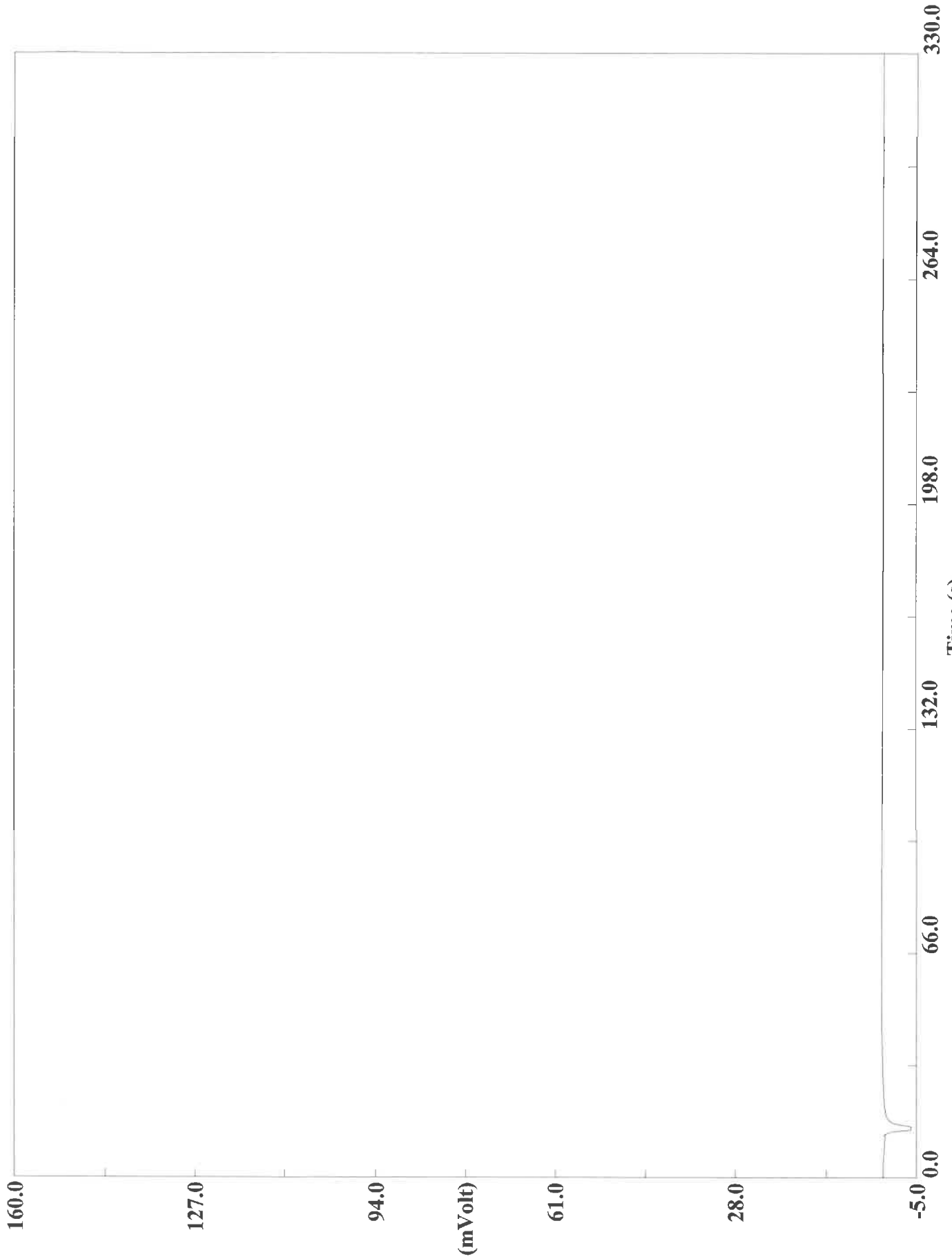
Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420003
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 12:43 Printed : 10/5/2020 06:56
Sample ID : CCB (# 14)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

!!! Warning missing one or more peaks.

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420004.DAT
Sample name :MB Analysed :10/04/2020 12:48

Eager 300 Report

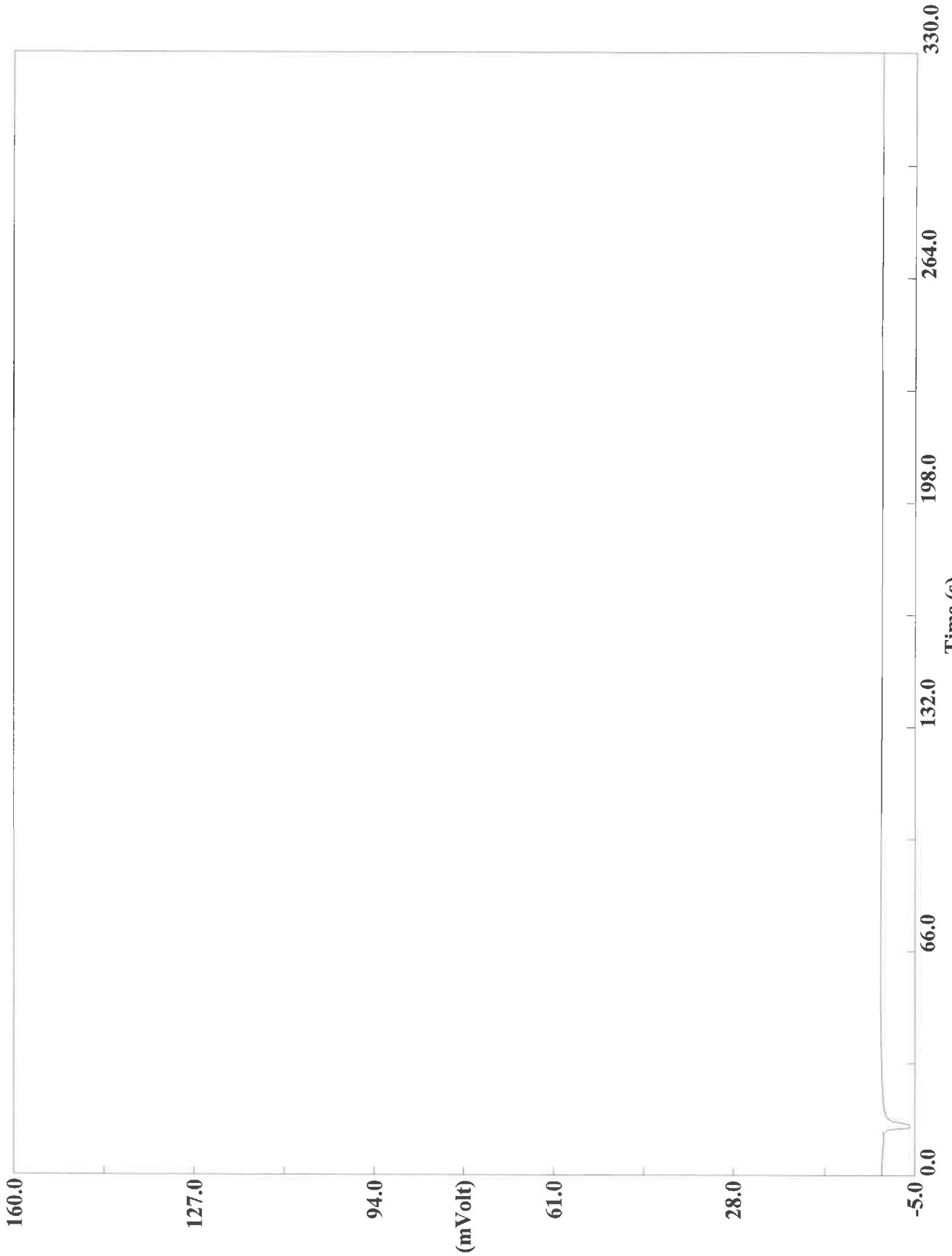
Page: 1 Sample: MB (A100420004)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420004
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 12:48 Printed : 10/5/2020 06:56
Sample ID : MB (# 15)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420005.DAT
Sample name :MB Analysed :10/04/2020 12:54

Eager 300 Report

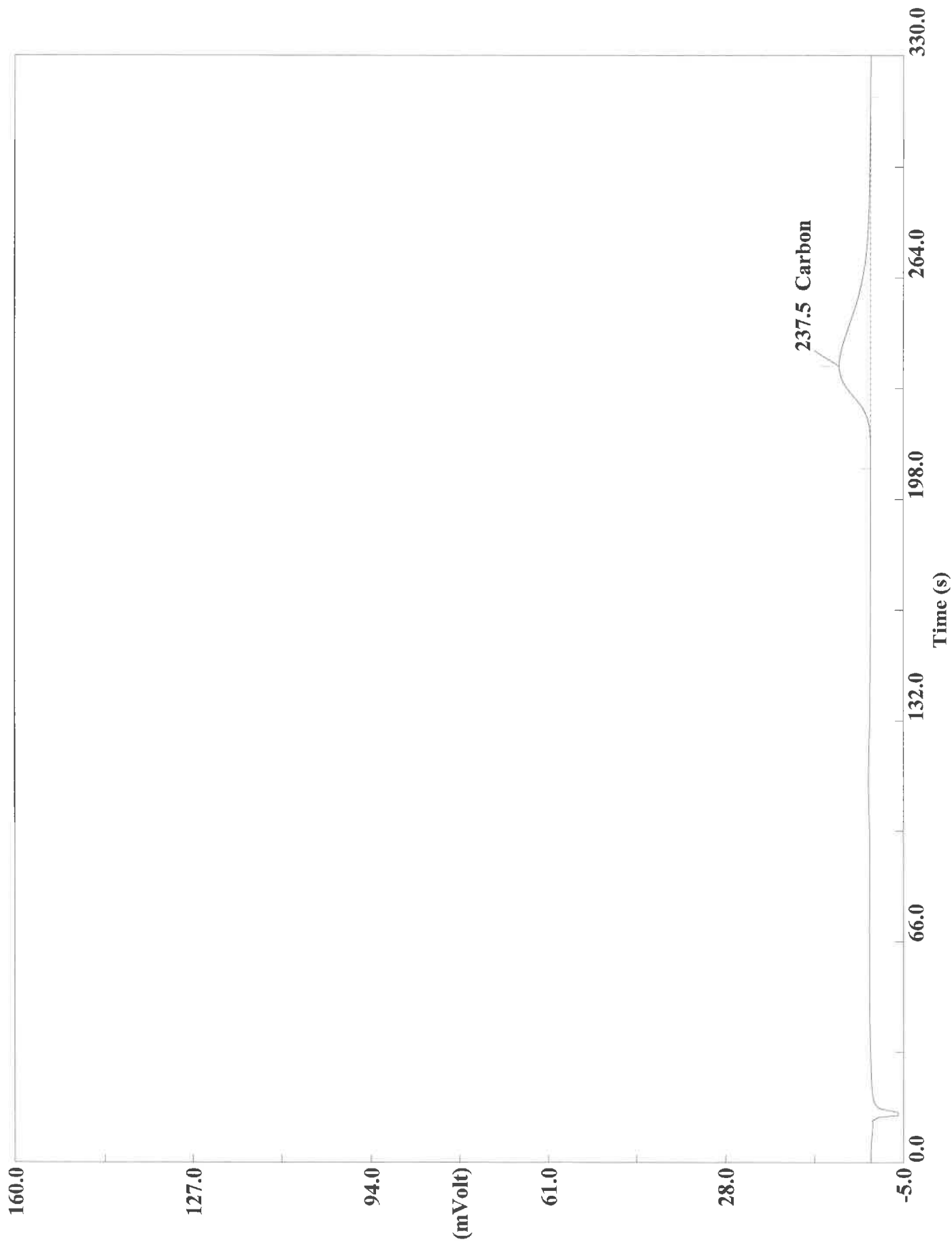
Page: 1 Sample: MB (A100420005)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420005
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 12:54 Printed : 10/5/2020 06:56
Sample ID : MB (# 16)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420006.DAT
Sample name :LCS Analysed :10/04/2020 12:59

Eager 300 Report

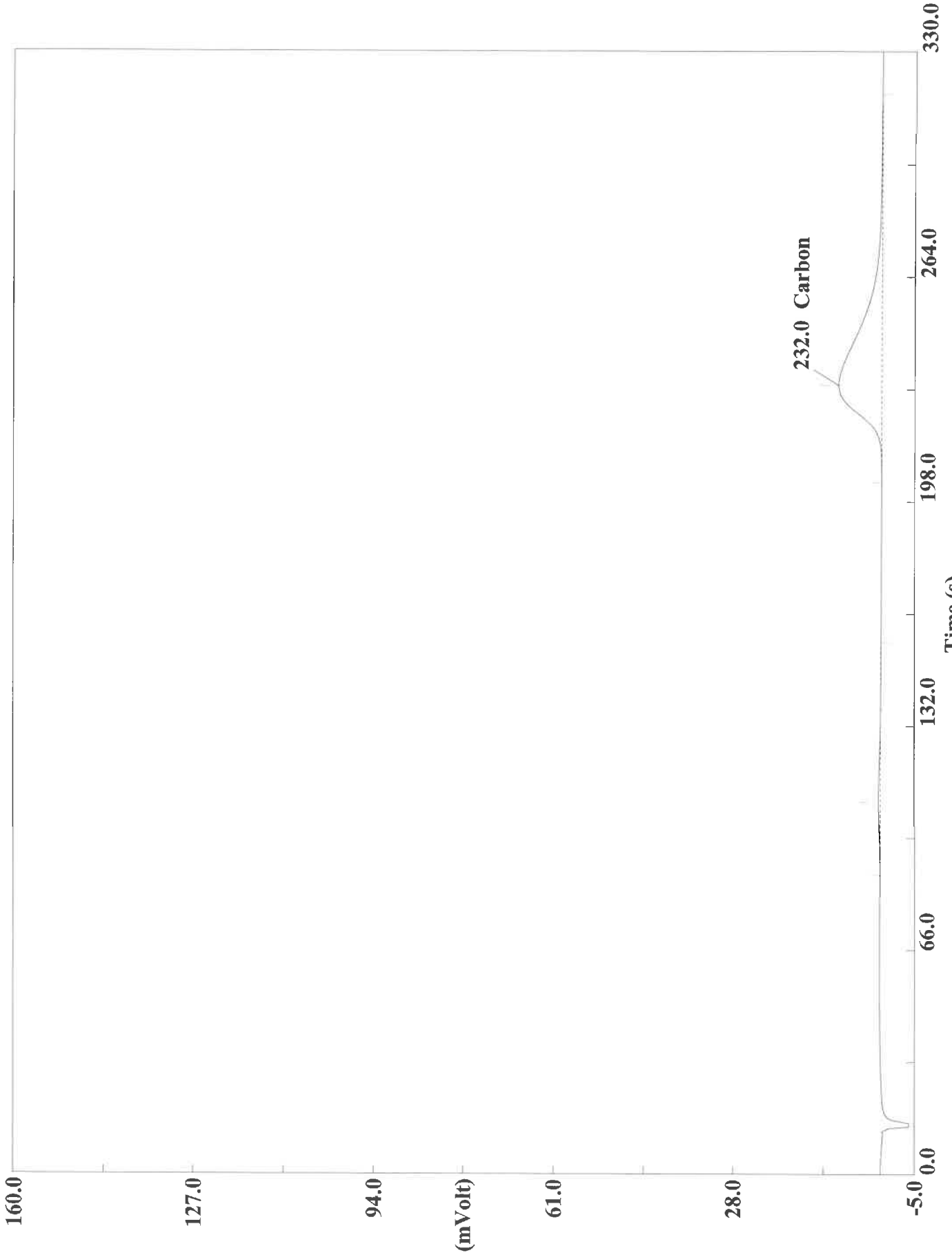
Page: 1 Sample: LCS (A100420006)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420006
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 12:59 Printed : 10/5/2020 06:57
Sample ID : LCS (# 17)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 11

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.0310	238	1717219	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420007.DAT
Sample name :LCS Analysed :10/04/2020 13:05

Eager 300 Report

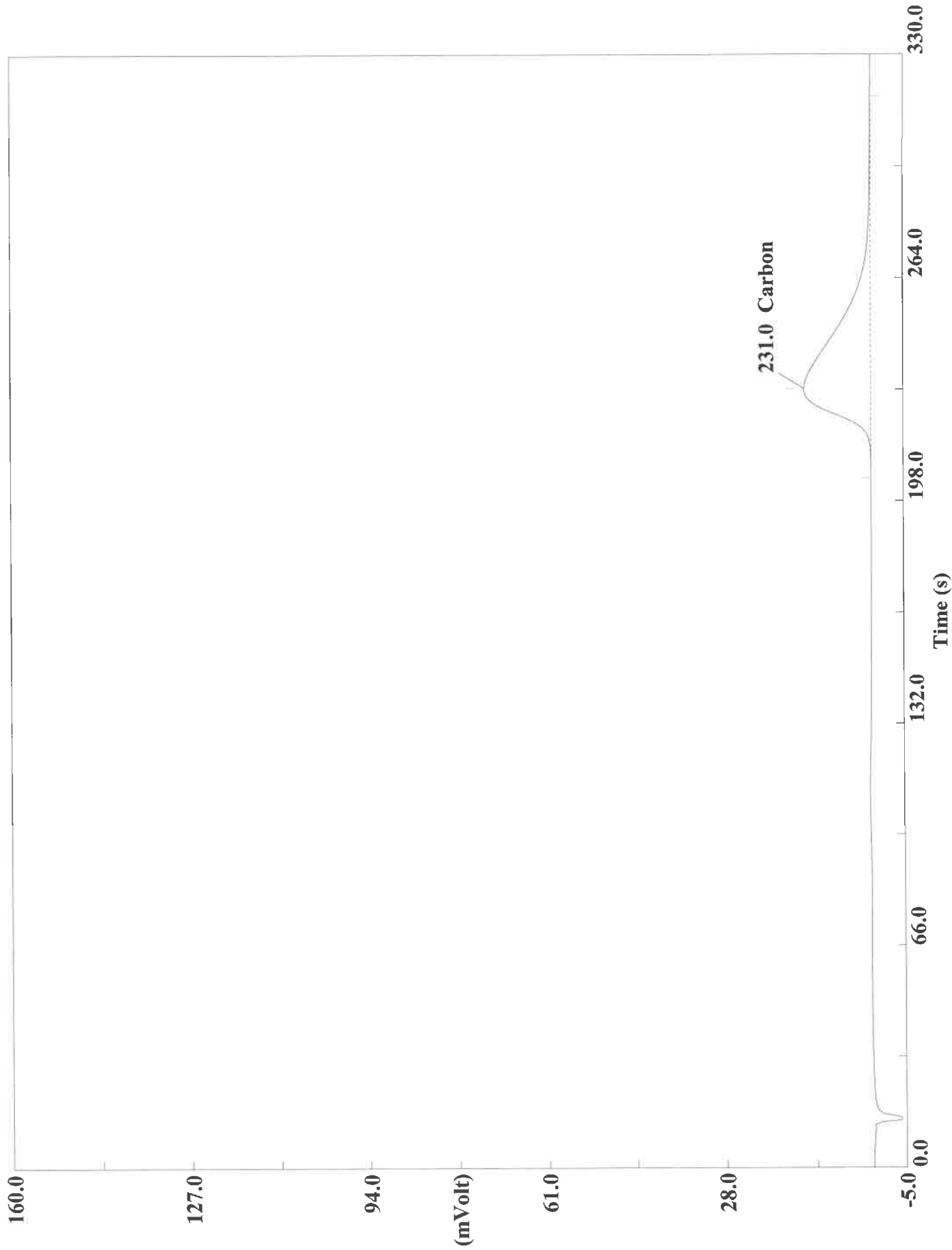
Page: 1 Sample: LCS (A100420007)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420007
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:05 Printed : 10/5/2020 06:57
Sample ID : LCS (# 18)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 10.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0231	232	2223958	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420008.DAT
Sample name :180-111287-A-20 Analysed :10/04/2020 13:11

Eager 300 Report

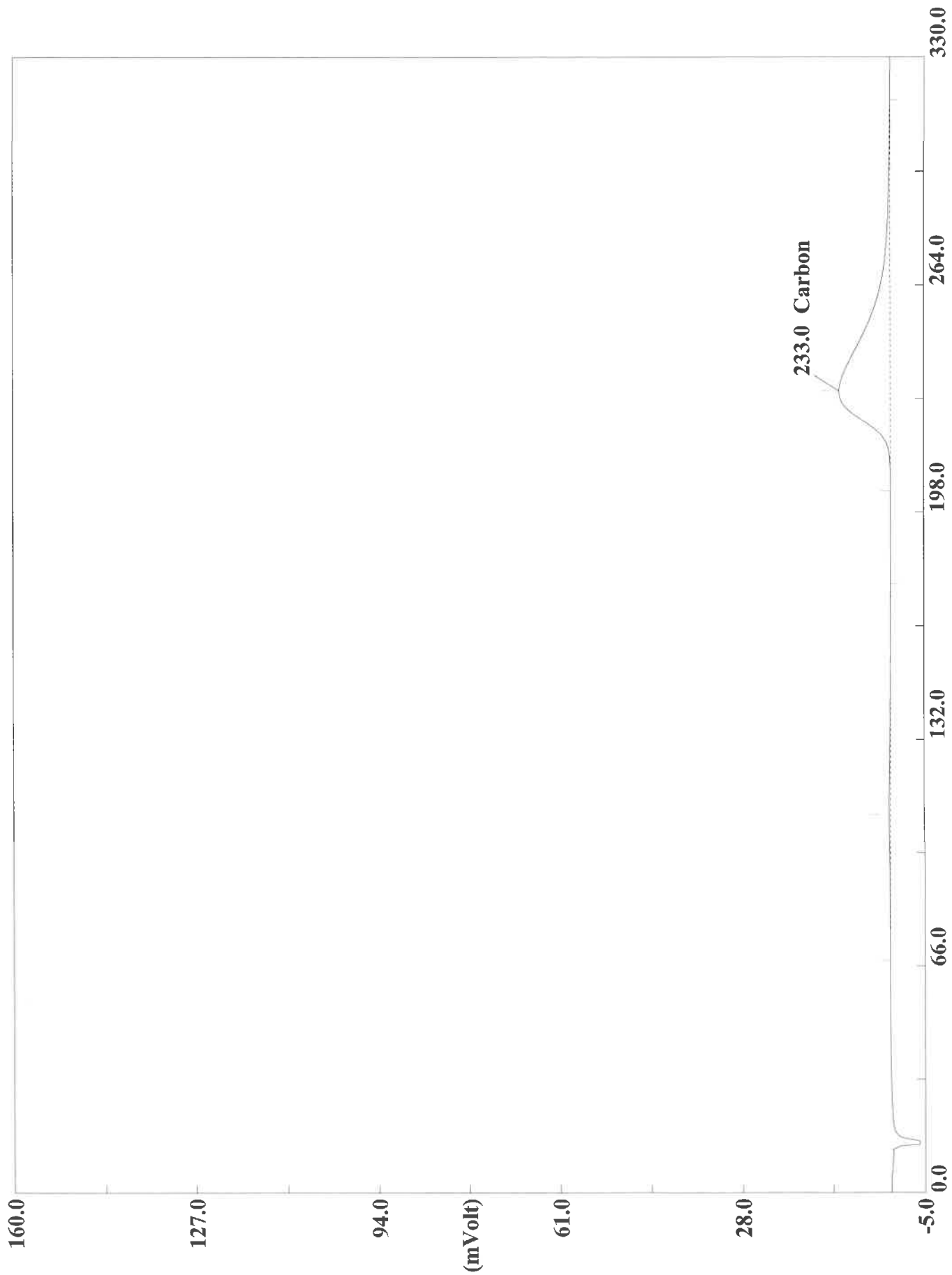
Page: 1 Sample: 180-111287-A-20 (A100420008)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420008
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:11 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 (# 19)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 24.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7523	231	3468318	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420009.DAT
Sample name :180-111287-A-20 Analysed :10/04/2020 13:16

Eager 300 Report

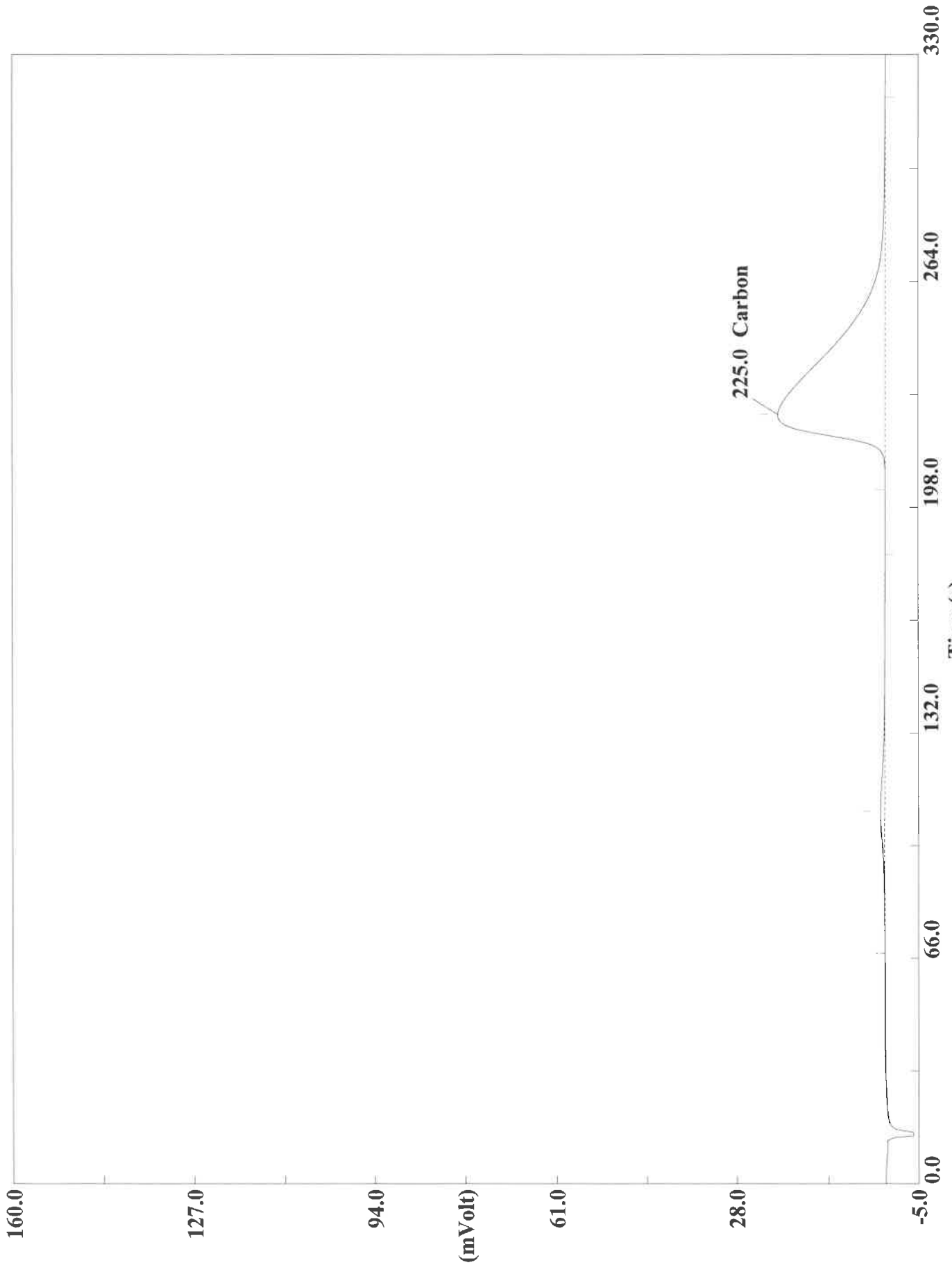
Page: 1 Sample: 180-111287-A-20 (A100420009)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420009
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:16 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 (# 20)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.4702	233	2710667	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420011.DAT
Sample name :180-111287-A-20 MS Analysed :10/04/2020 13:27

Eager 300 Report

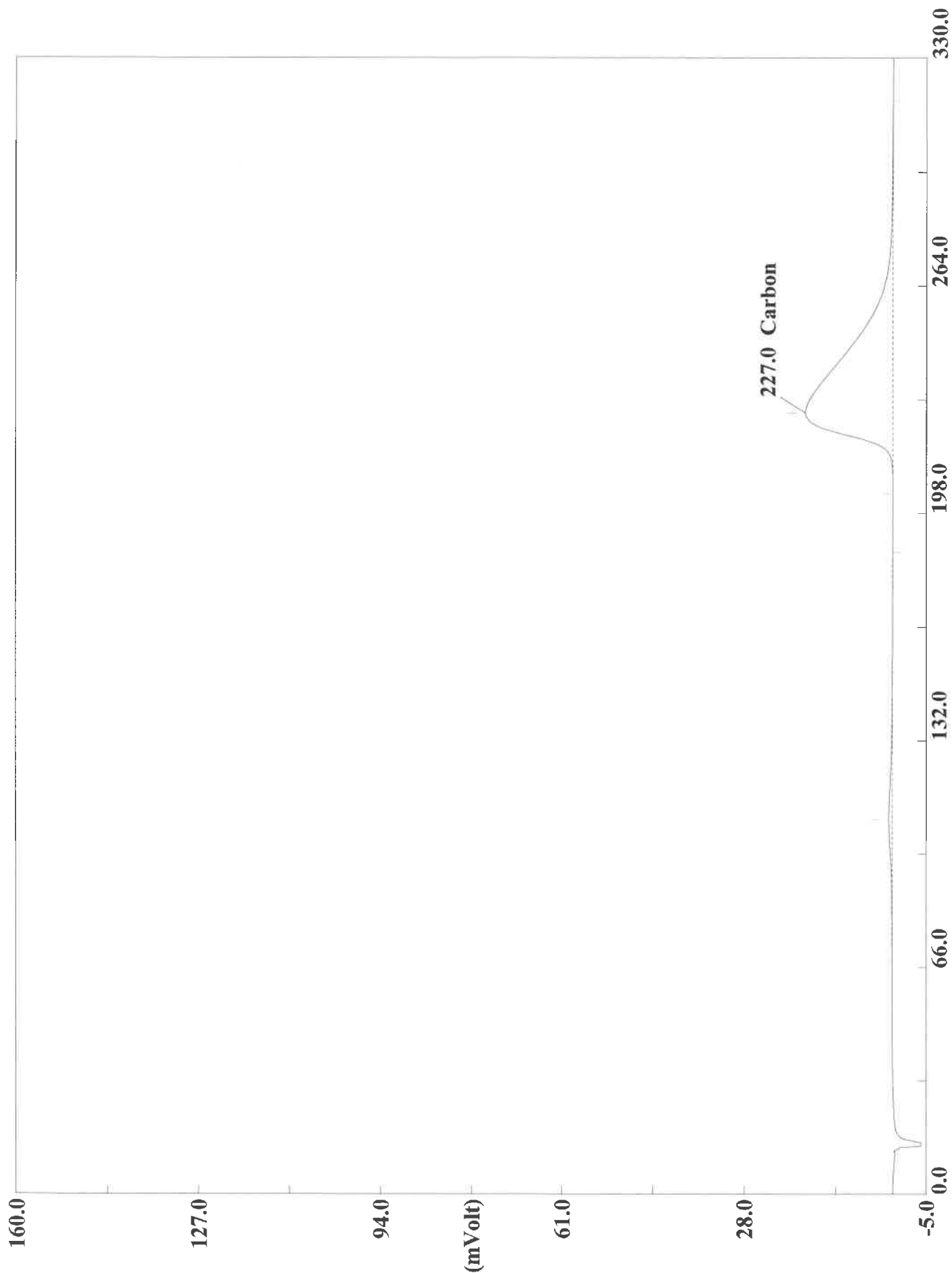
Page: 1 Sample: 180-111287-A-20 MS (A100420011)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420011
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:27 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 MS (# 22)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.4322	225	5321943	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420012.DAT
Sample name :180-111287-A-20 MS Analysed :10/04/2020 13:33

Eager 300 Report

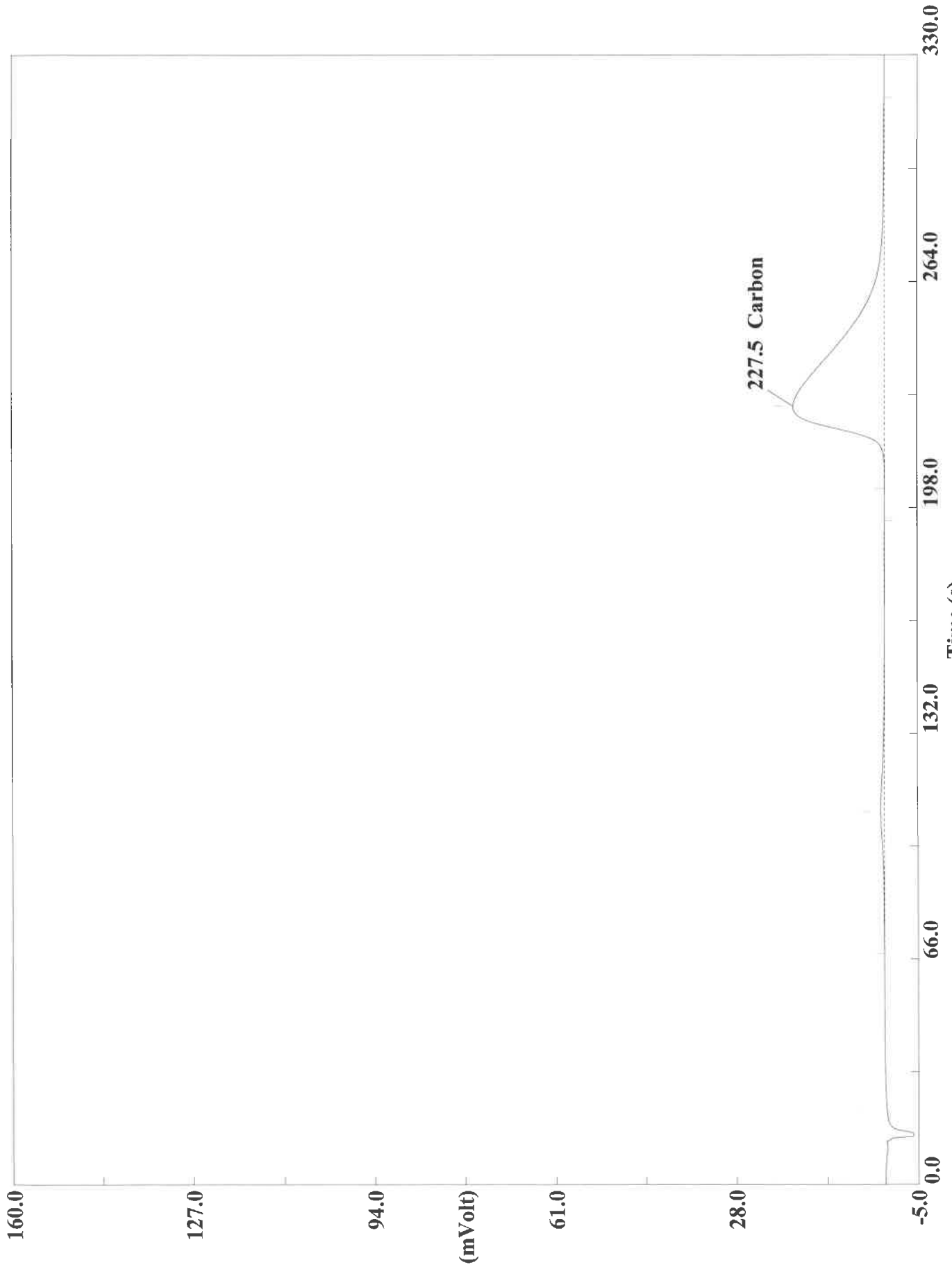
Page: 1 Sample: 180-111287-A-20 MS (A100420012)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420012
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:33 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 MS (# 23)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.3

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5121	227	4287521	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420014.DAT
Sample name :180-111287-A-20 MSD Analysed :10/04/2020 13:44

Eager 300 Report

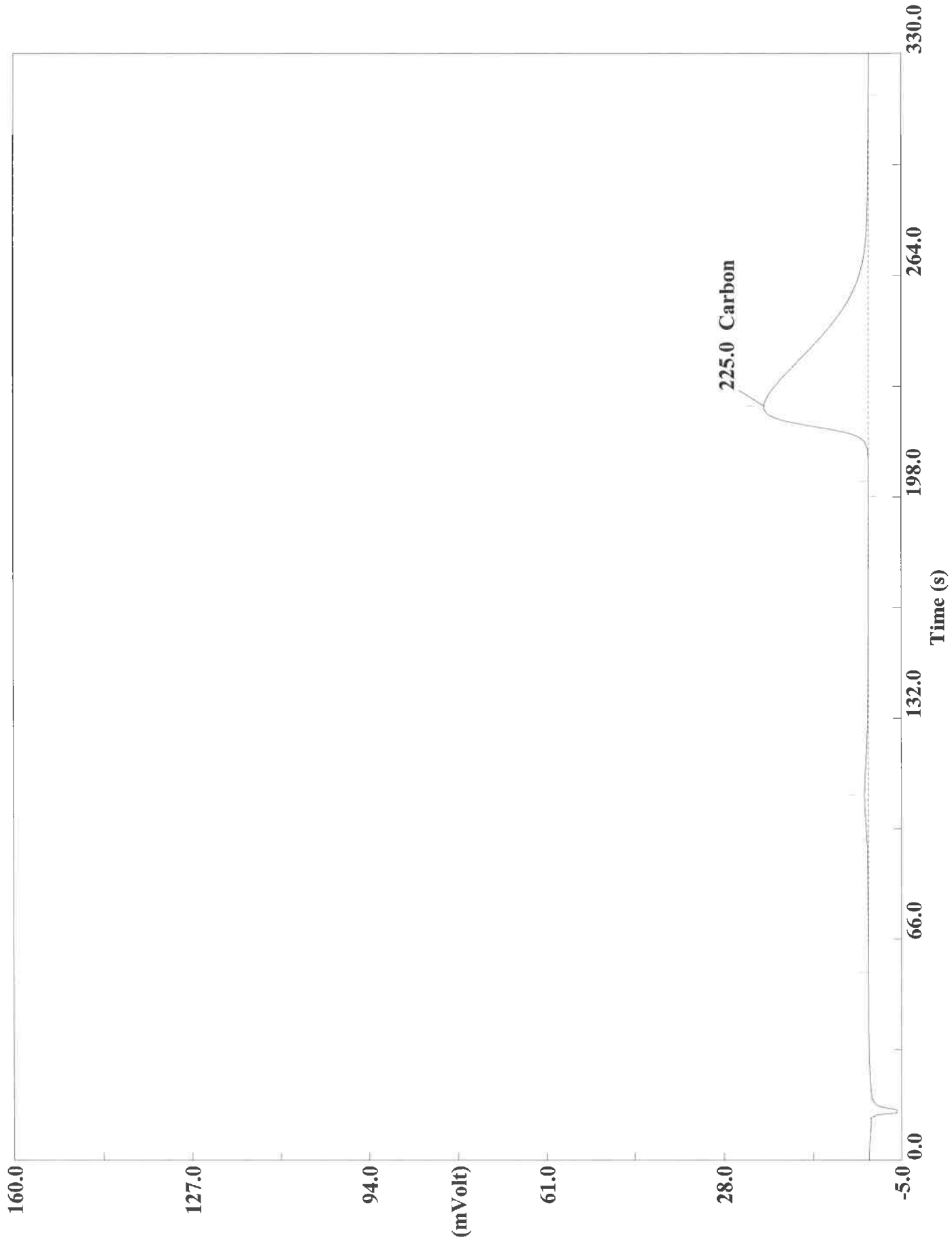
Page: 1 Sample: 180-111287-A-20 MSD (A100420014)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420014
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:44 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 MSD (# 25)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0749	228	4422956	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420015.DAT

Sample name :180-111287-A-20 MSD Analysed :10/04/2020 13:50

Eager 300 Report

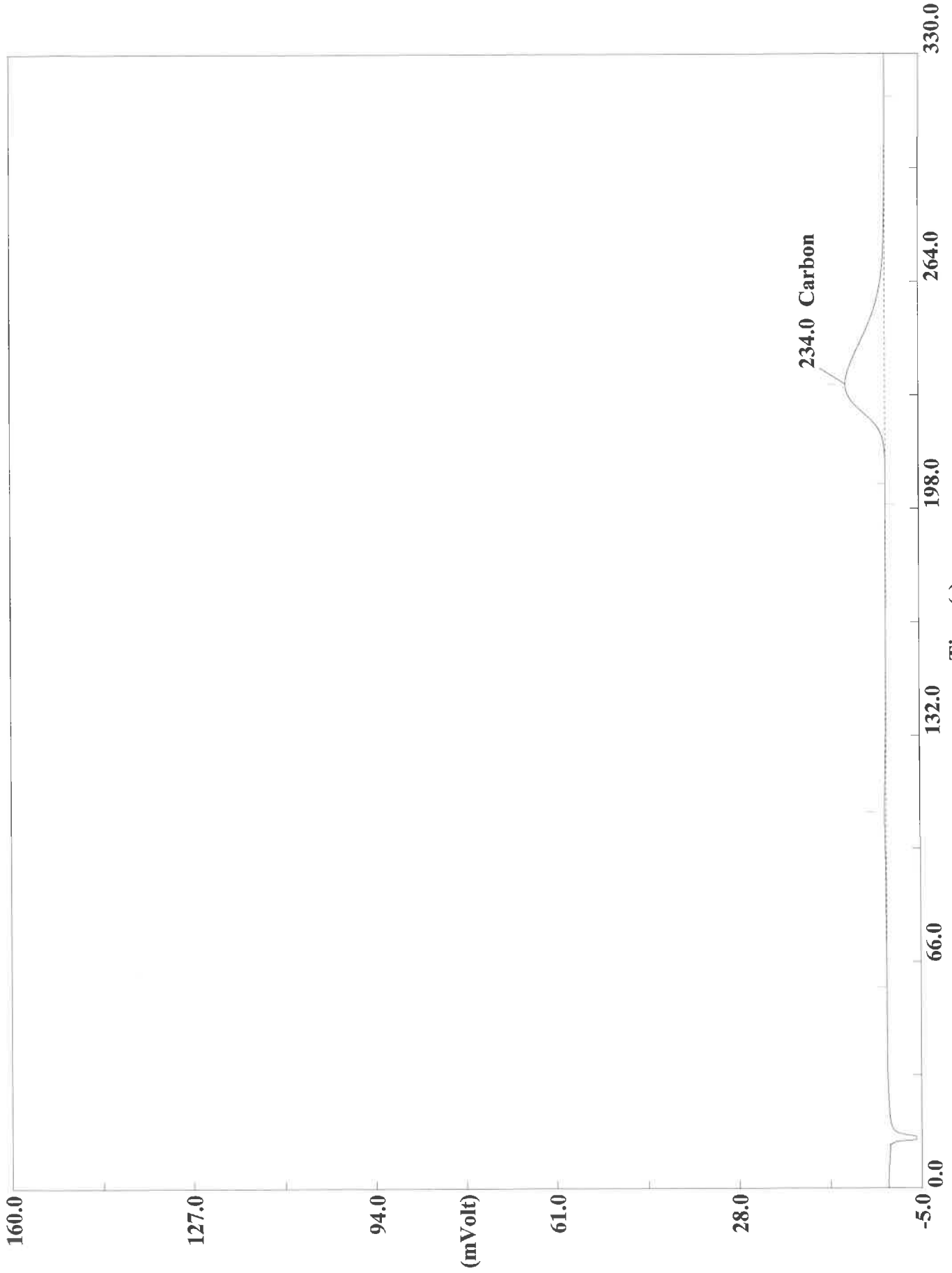
Page: 1 Sample: 180-111287-A-20 MSD (A100420015)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420015
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 13:50 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-20 MSD (# 26)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.0636	225	5280567	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420017.DAT
Sample name :180-111287-A-109 Analysed :10/04/2020 14:01

Eager 300 Report

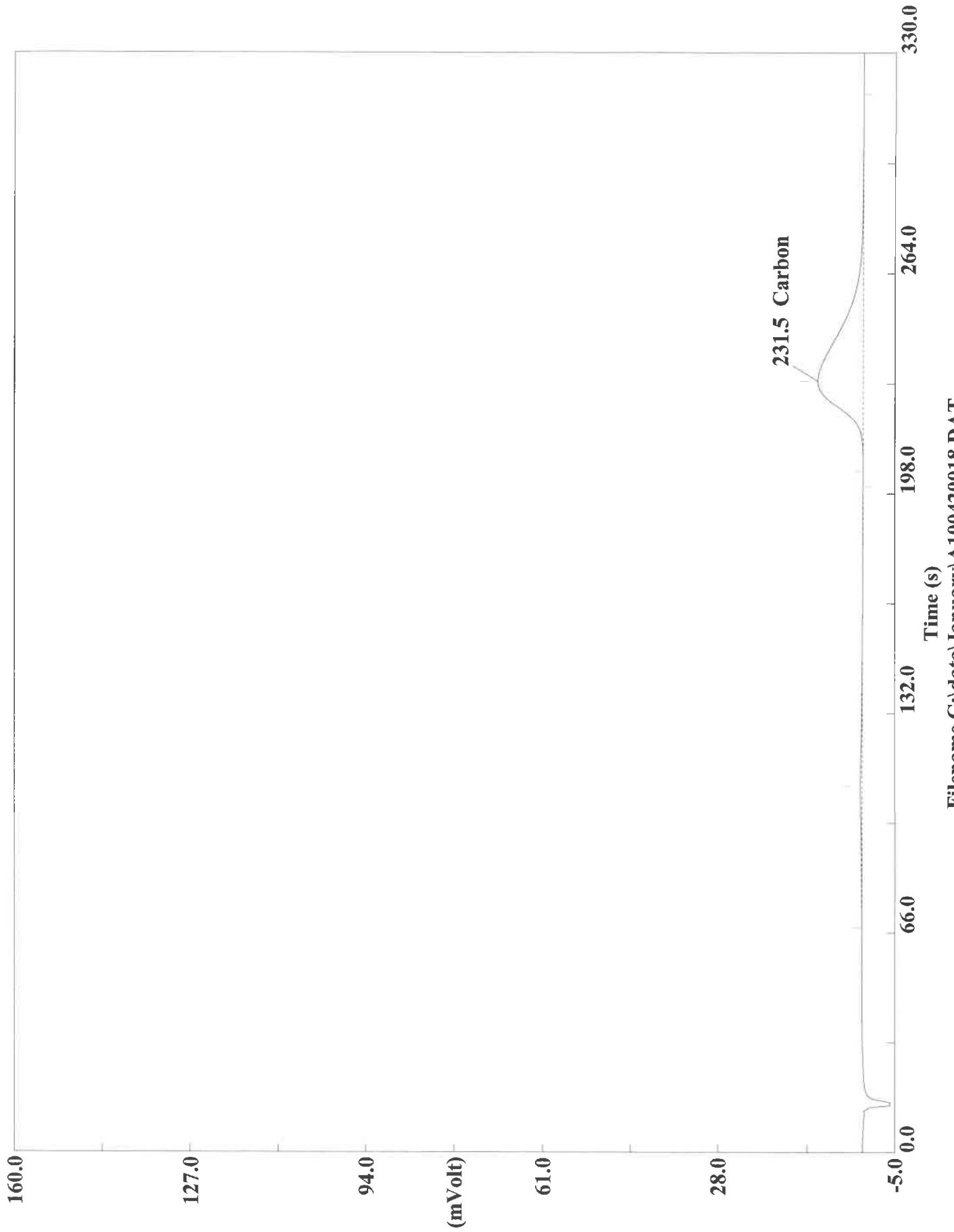
Page: 1 Sample: 180-111287-A-109 (A100420017)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420017
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:01 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-109 (# 28)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 17

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.1663	234	1899161	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420018.DAT

Sample name : 180-111287-A-109 Analyzed : 10/04/2020 14:06

Eager 300 Report

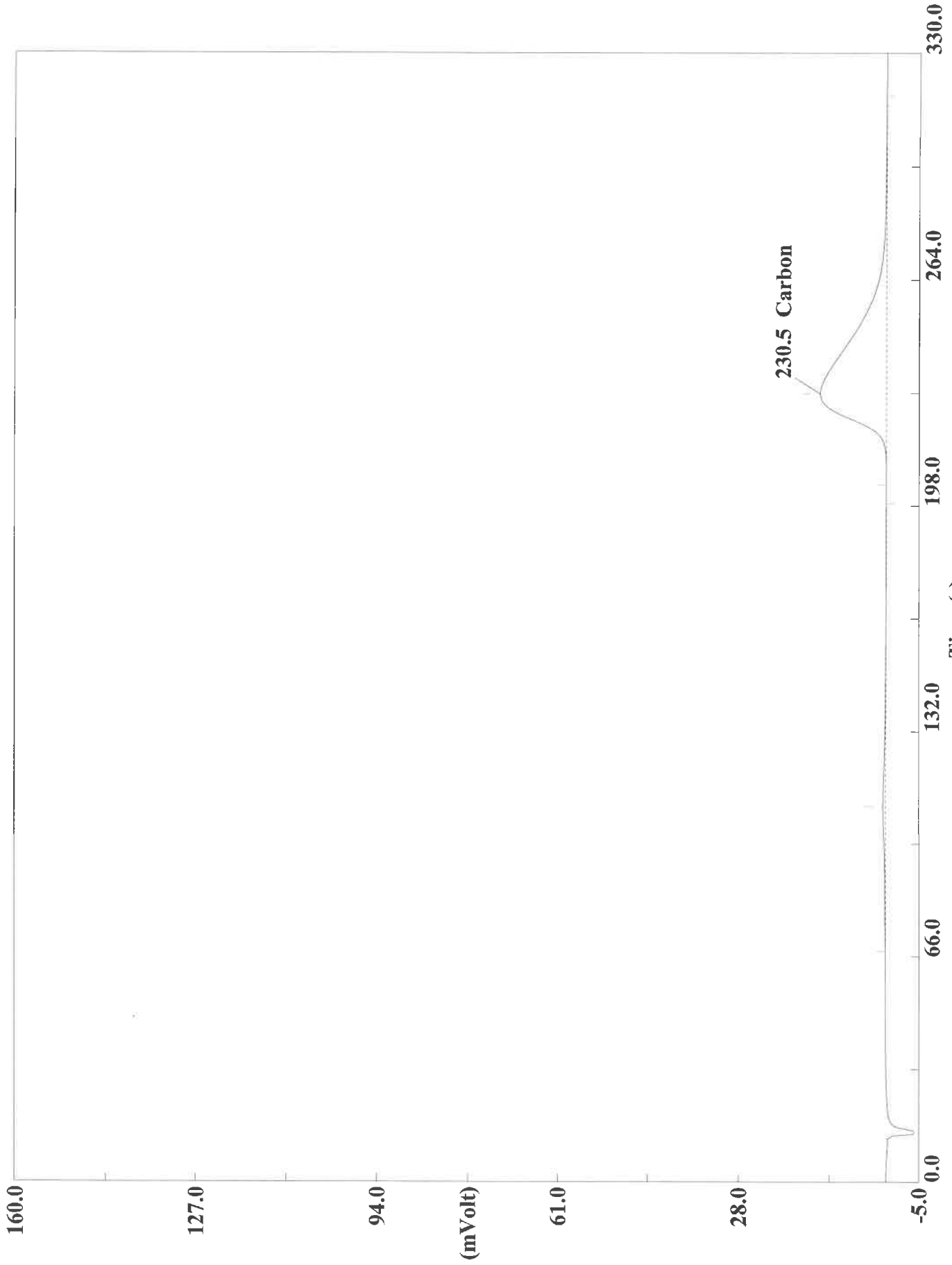
Page: 1 Sample: 180-111287-A-109 (A100420018)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420018
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:06 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-109 (# 29)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.3205	232	2205650	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420020.DAT
Sample name :180-111287-A-111 Analysed :10/04/2020 14:18

Eager 300 Report

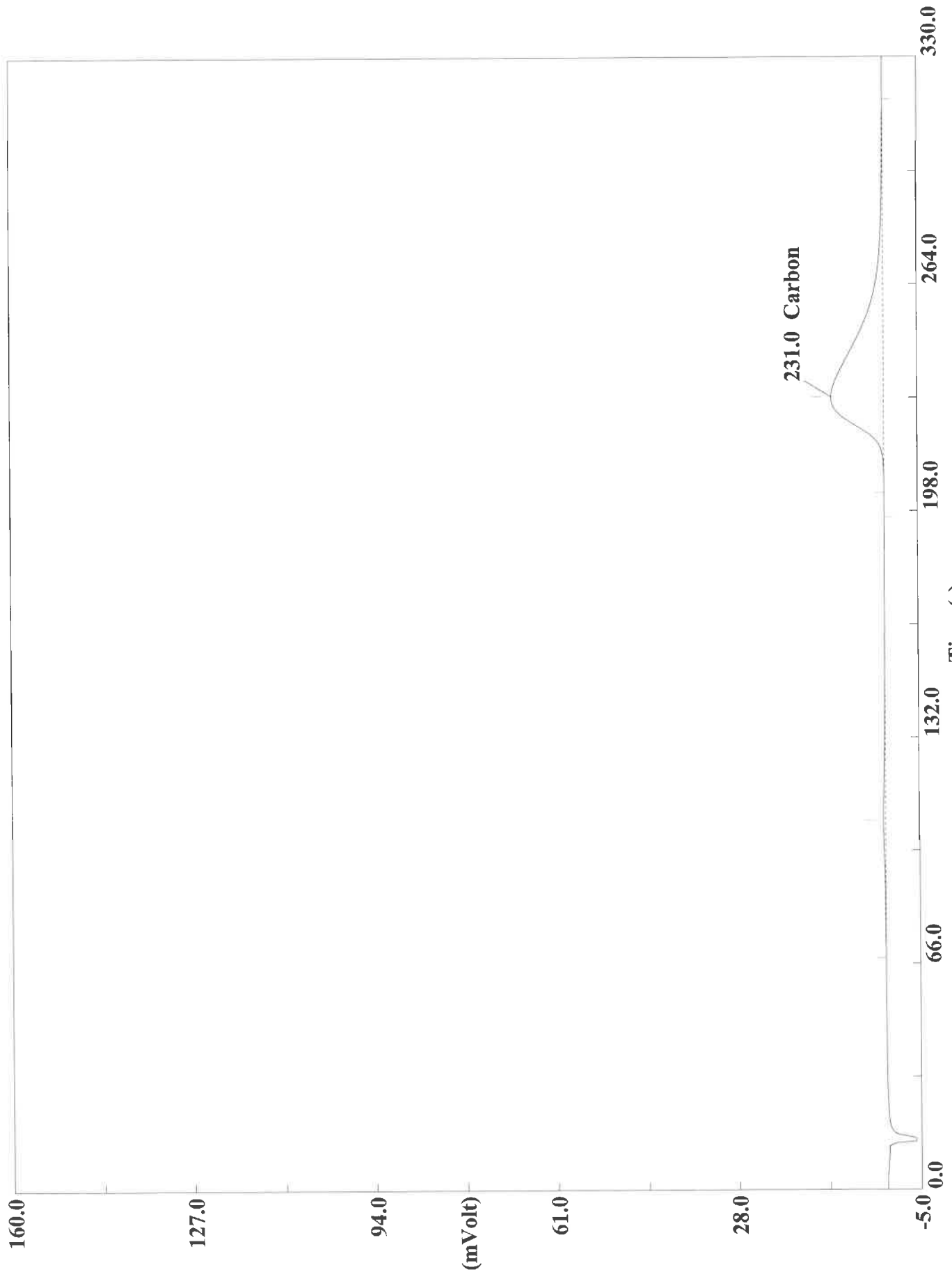
Page: 1 Sample: 180-111287-A-111 (A100420020)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420020
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:18 Printed : 10/5/2020 06:57
Sample ID : 180-111287-A-111 (# 31)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9917	231	3256610	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420021.DAT
Sample name :180-111287-A-111 Analysed :10/04/2020 14:23

Eager 300 Report

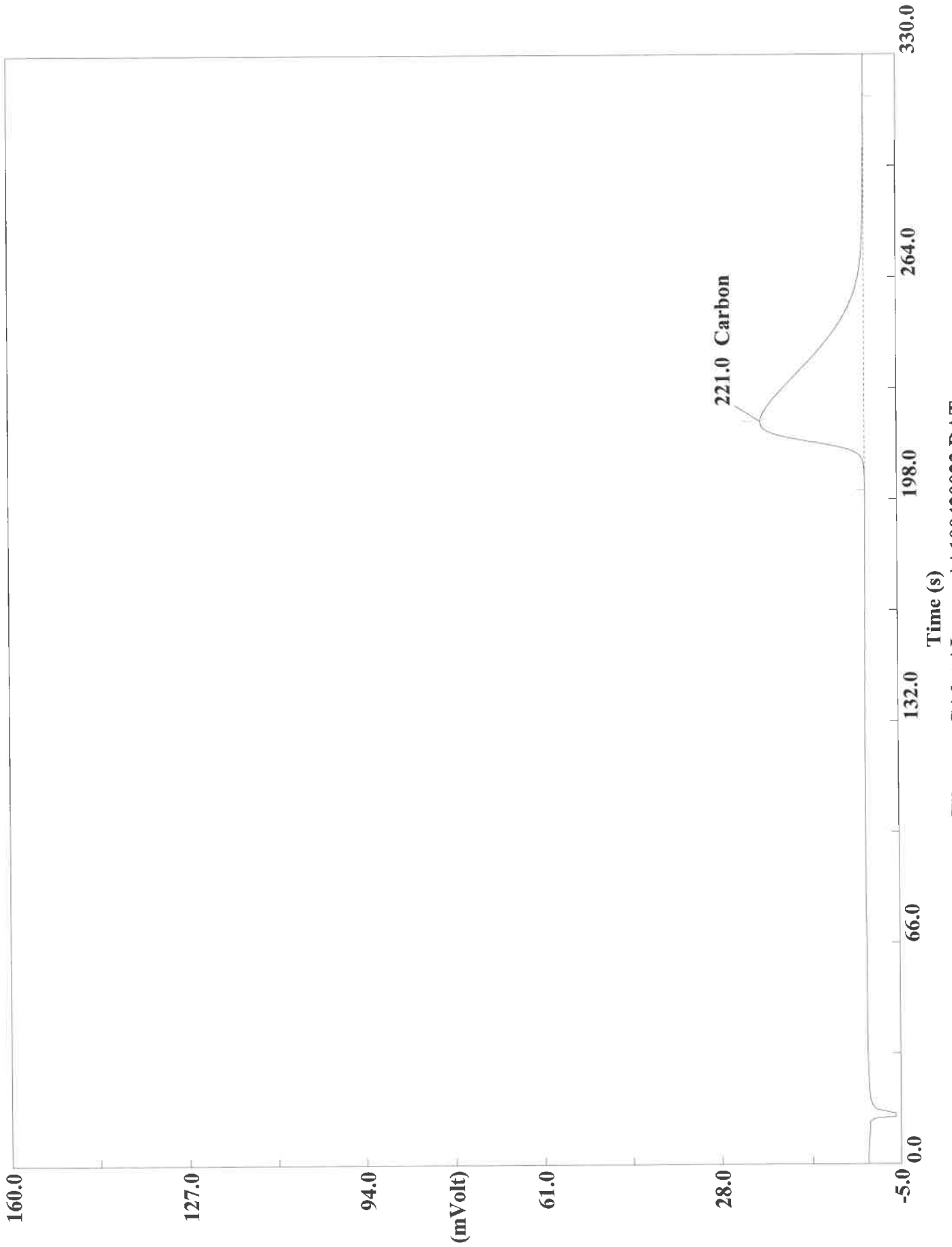
Page: 1 Sample: 180-111287-A-111 (A100420021)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420021
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:23 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-111 (# 32)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.7833	231	2737498	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420023.DAT
Sample name :CCV Analysed :10/04/2020 14:34

Eager 300 Report

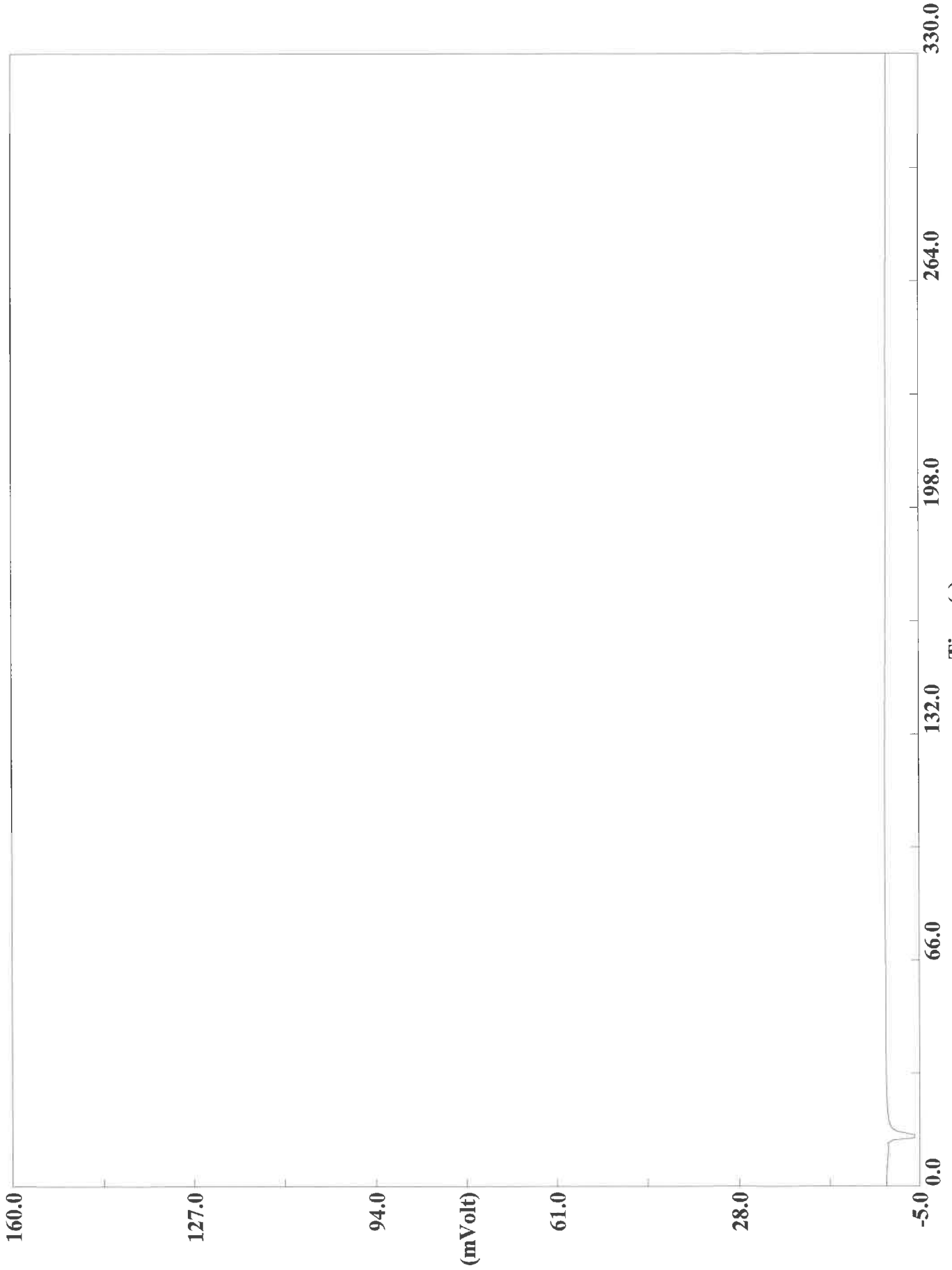
Page: 1 Sample: CCV (A100420023)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420023
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:34 Printed : 10/5/2020 06:58
Sample ID : CCV (# 34)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	1.0079	221	5238913	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420024.DAT
Sample name :CCB Analysed :10/04/2020 14:40

Eager 300 Report

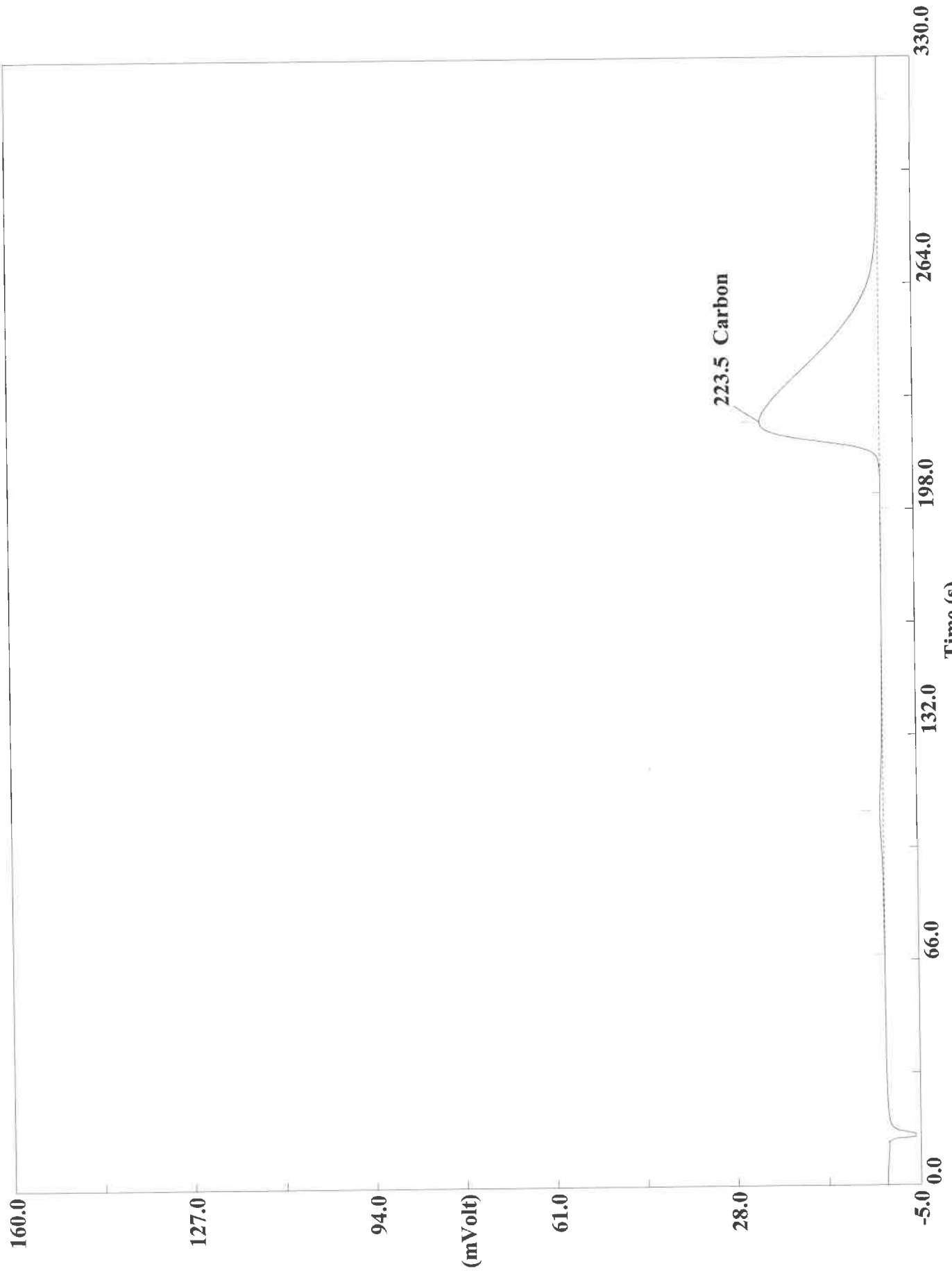
Page: 1 Sample: CCB (A100420024)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420024
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:40 Printed : 10/5/2020 06:58
Sample ID : CCB (# 35)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
--------------	---	----------	------	----	------------	----------

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420025.DAT
Sample name : 180-111287-A-117 Analysed : 10/04/2020 14:45

Eager 300 Report

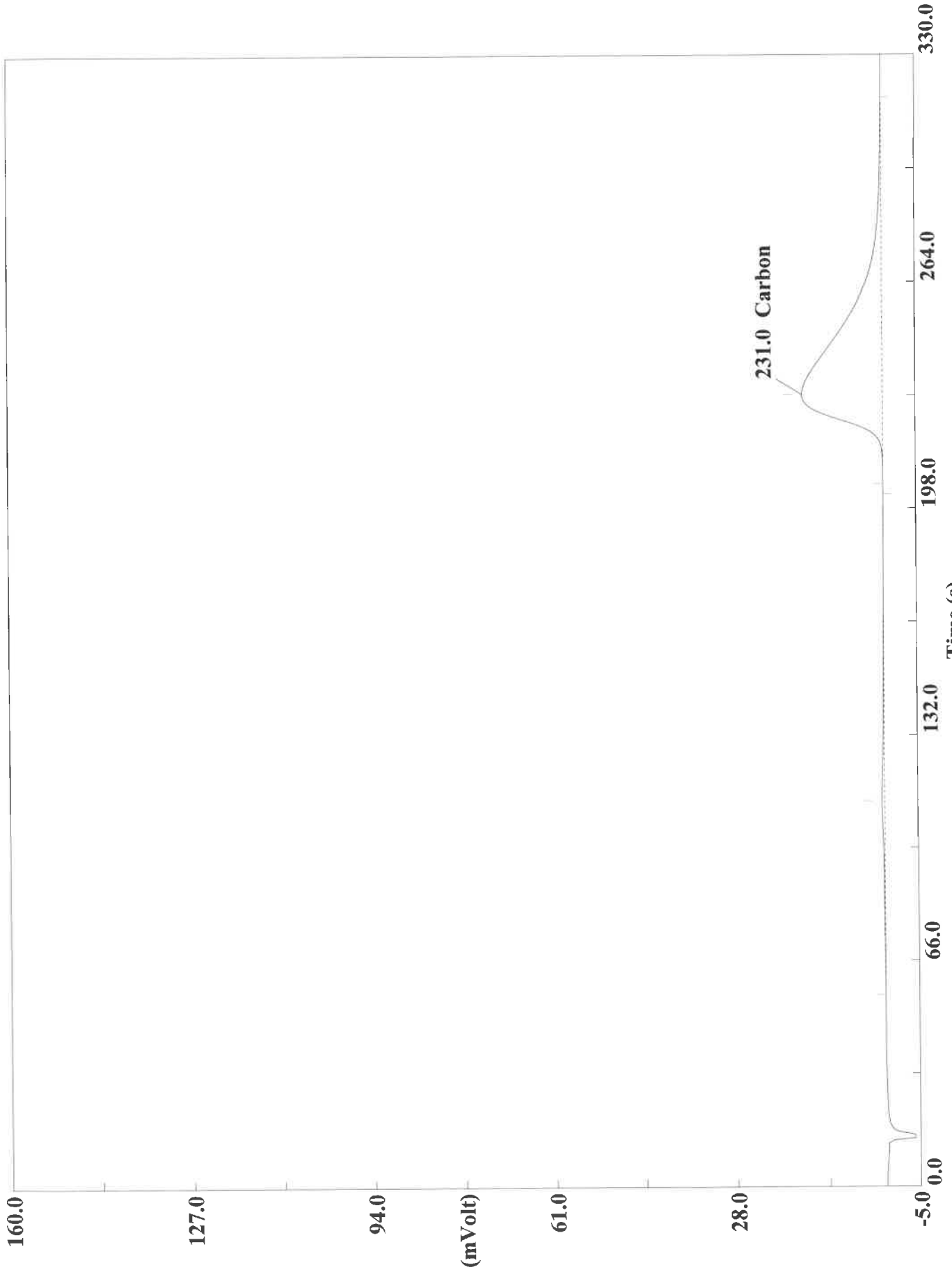
Page: 1 Sample: 180-111287-A-117 (A100420025)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420025
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:45 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-117 (# 36)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 25.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.5594	224	5951439	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420026.DAT

Sample name : 180-111287-A-117 Analysed : 10/04/2020 14:51

Eager 300 Report

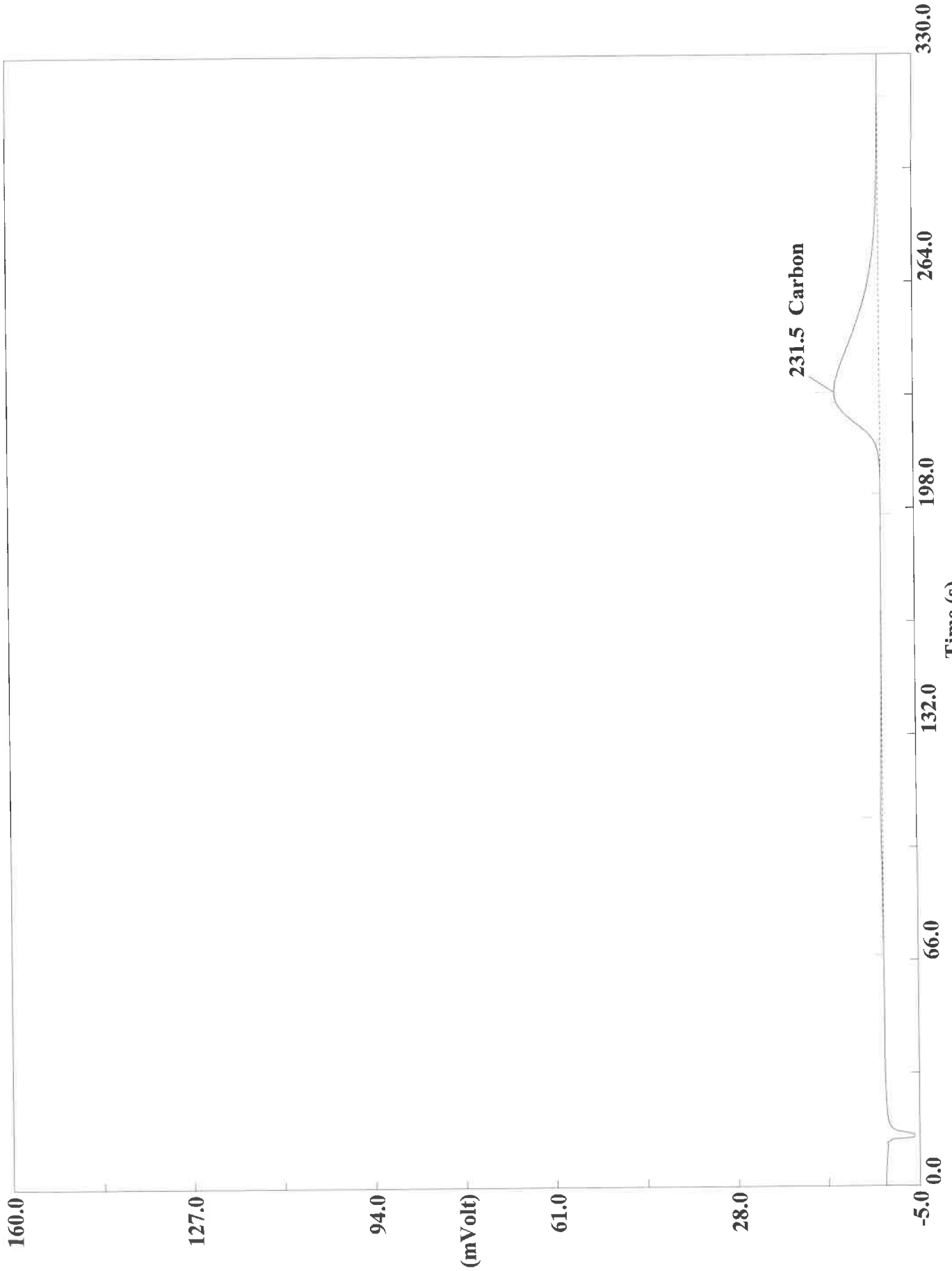
Page: 1 Sample: 180-111287-A-117 (A100420026)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420026
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 14:51 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-117 (# 37)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 28.7

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.9122	231	4340159	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420028.DAT
Sample name : 180-111287-A-118 Analysed : 10/04/2020 15:02

Eager 300 Report

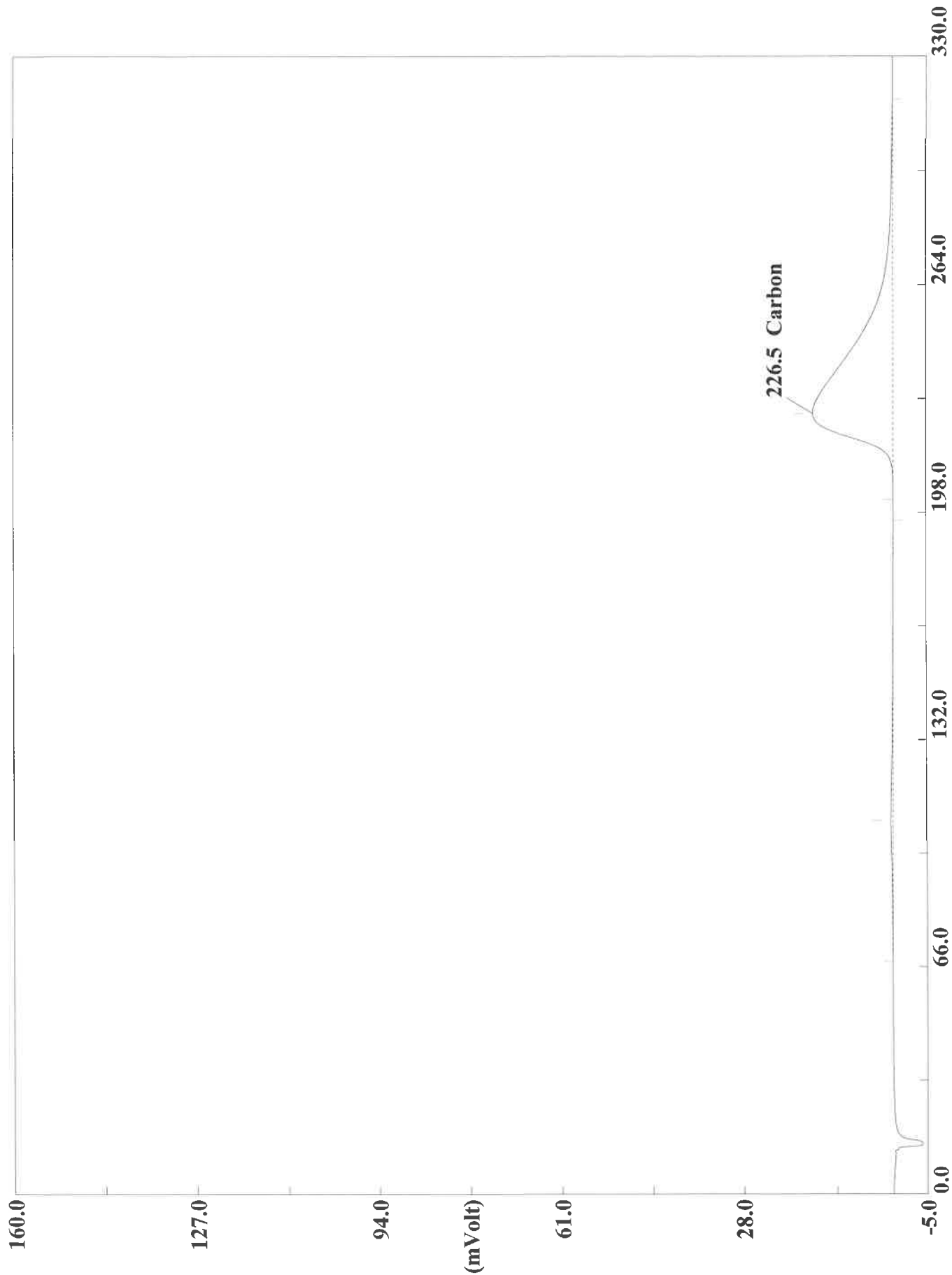
Page: 1 Sample: 180-111287-A-118 (A100420028)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420028
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:02 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-118 (# 39)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 16

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.2416	232	2684370	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420029.DAT
Sample name : 180-111287-A-118 Analysed : 10/04/2020 15:08

Eager 300 Report

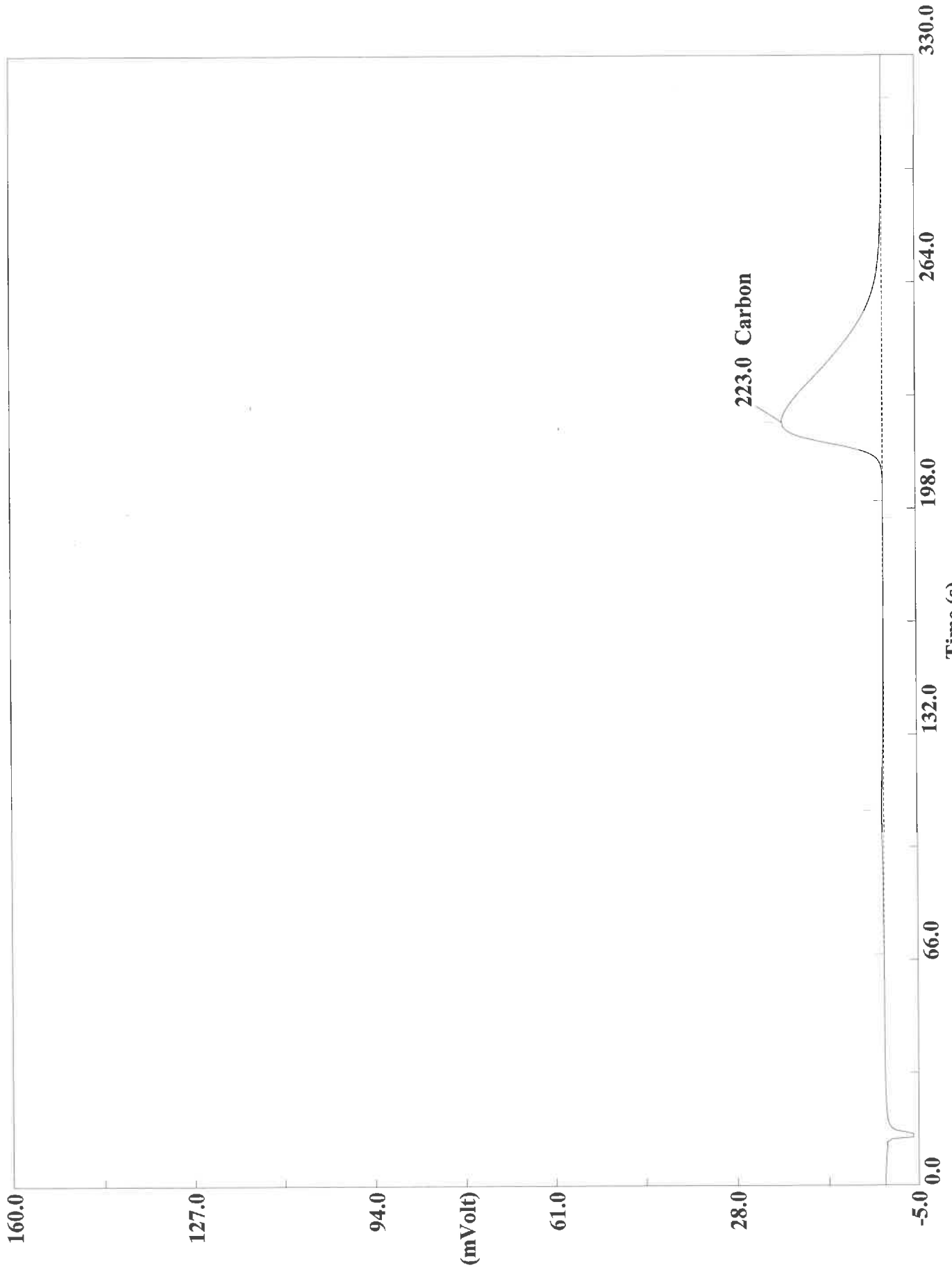
Page: 1 Sample: 180-111287-A-118 (A100420029)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420029
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:08 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-118 (# 40)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 21.4

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	3.7626	227	4180449	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420031.DAT

Sample name :180-111287-A-119 Analysed :10/04/2020 15:19

Eager 300 Report

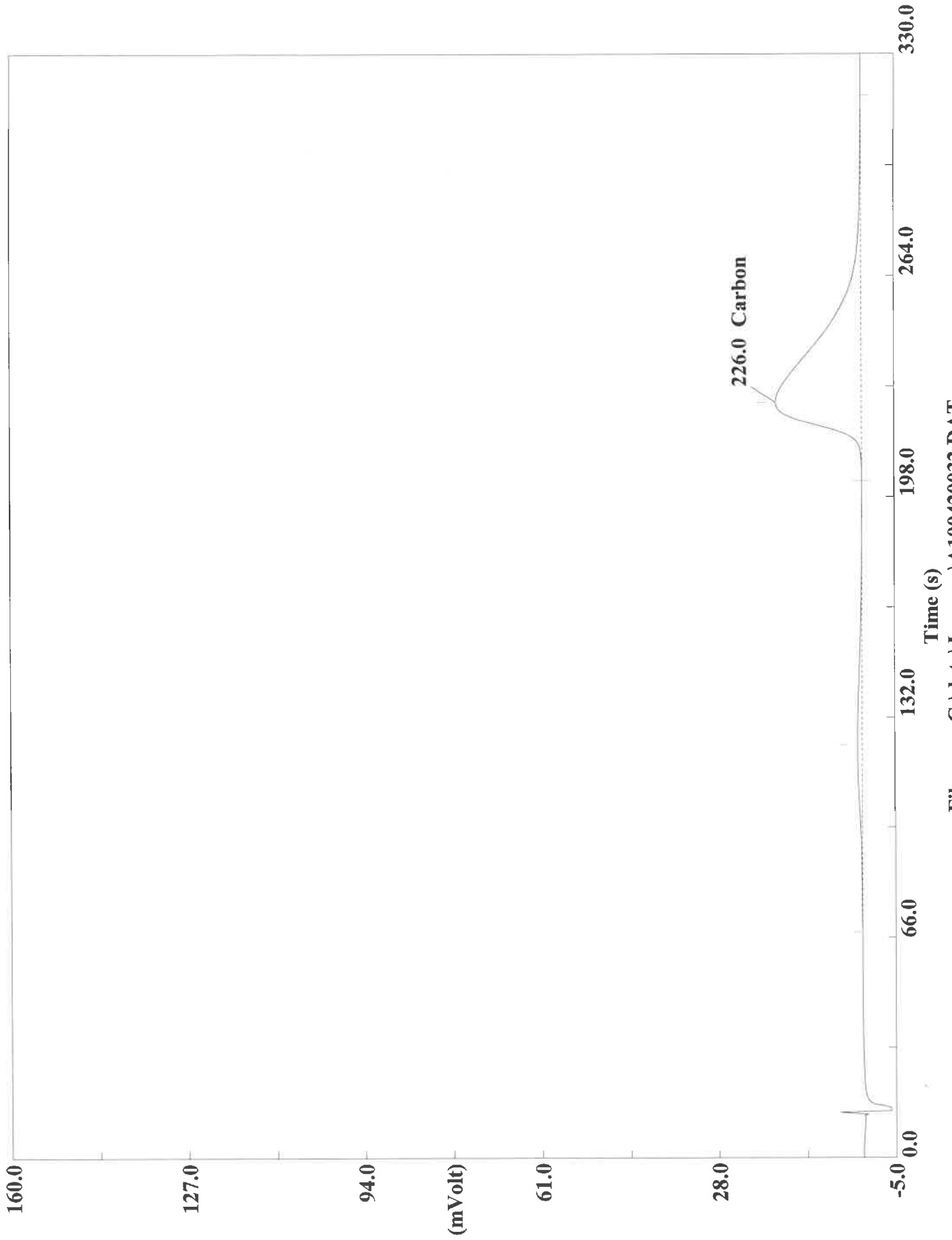
Page: 1 Sample: 180-111287-A-119 (A100420031)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420031
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:19 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-119 (# 42)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 15.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	6.0572	223	5004861	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420032.DAT
Sample name :180-111287-A-119 Analysed :10/04/2020 15:25

Eager 300 Report

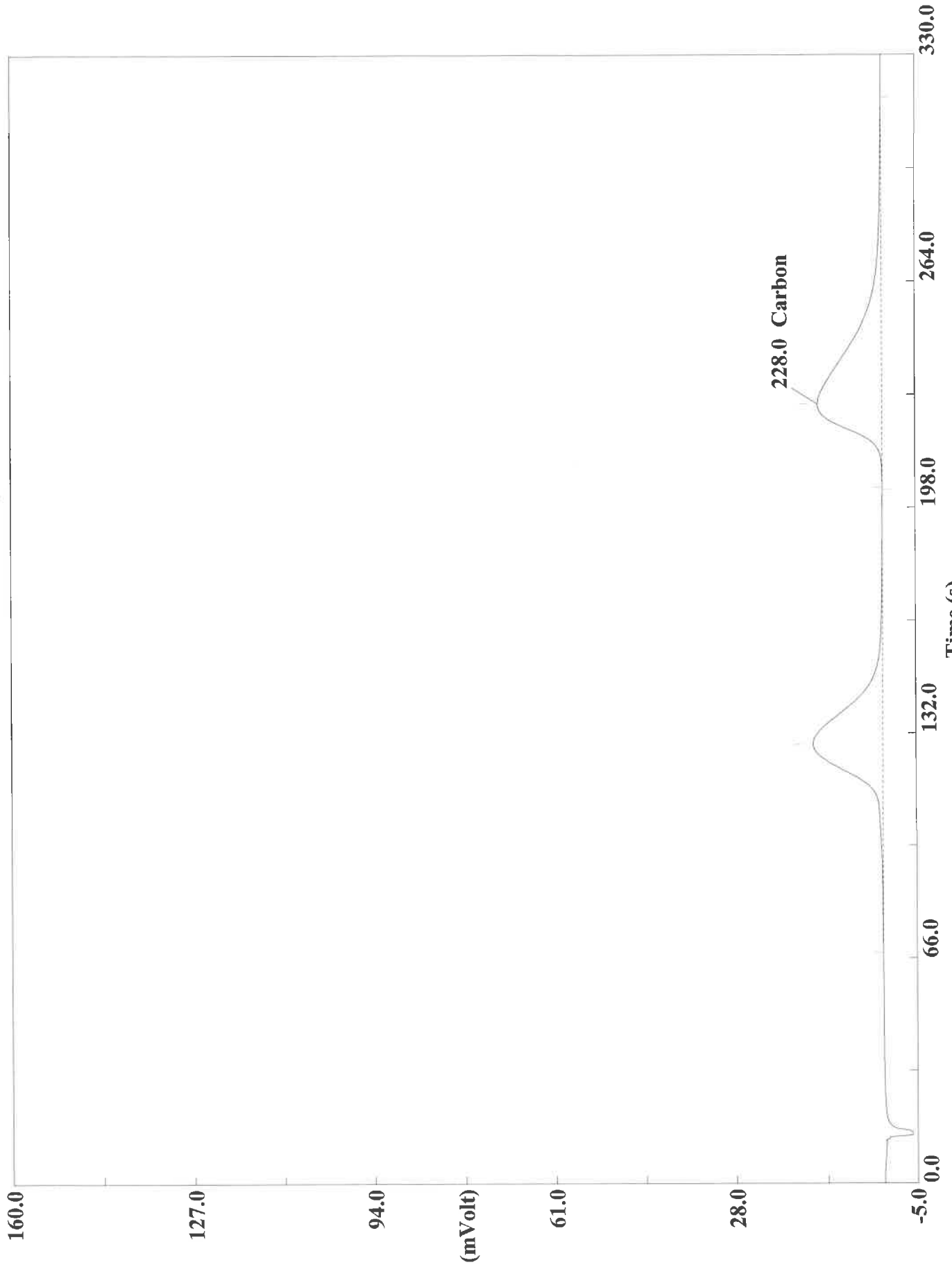
Page: 1 Sample: 180-111287-A-119 (A100420032)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420032
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:25 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-119 (# 43)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 20

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	4.2778	226	4443355	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420034.DAT

Sample name :180-111287-A-120 Analysed :10/04/2020 15:36

Eager 300 Report

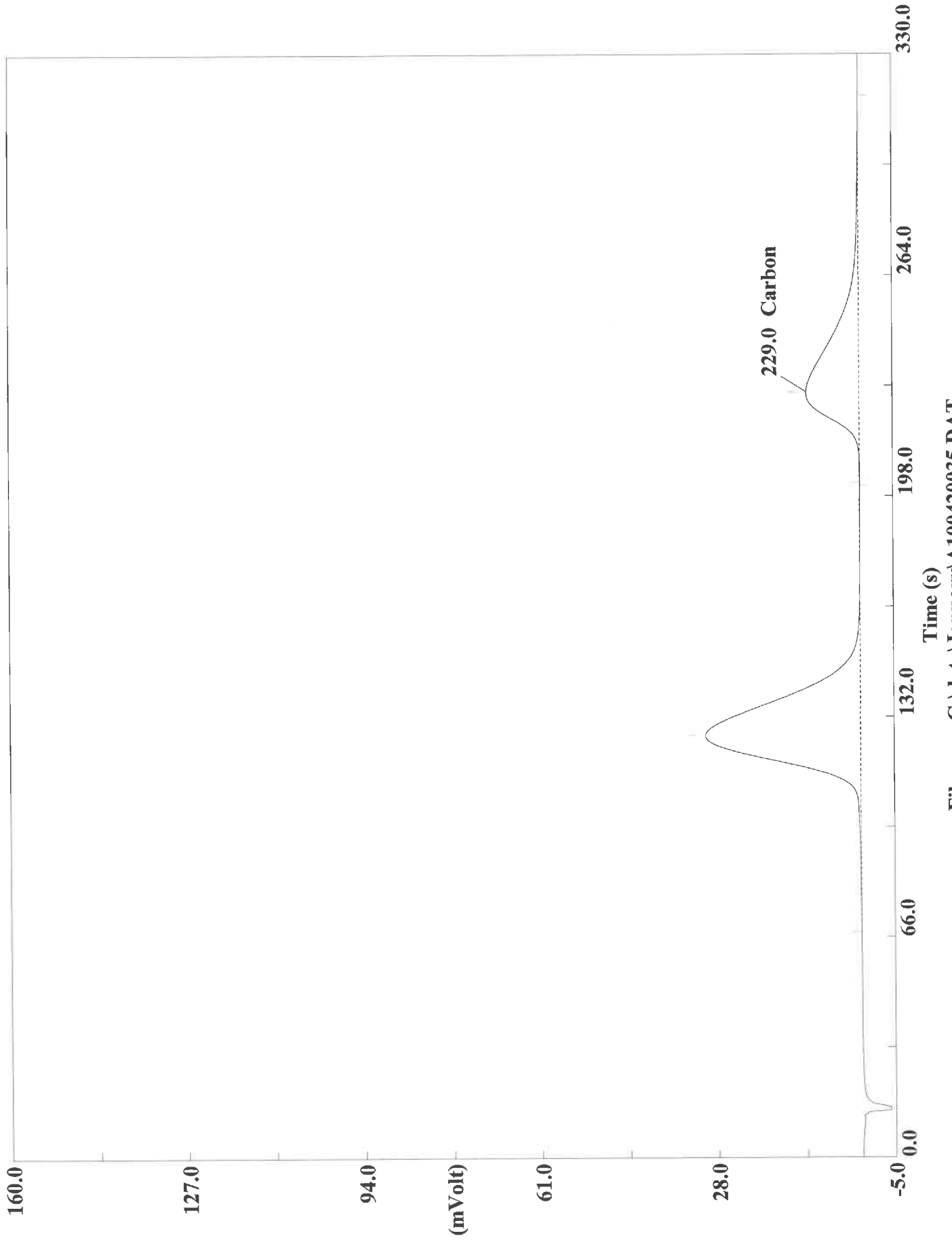
Page: 1 Sample: 180-111287-A-120 (A100420034)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420034
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:36 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-120 (# 45)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 23.9

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.6200	228	3245746	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420035.DAT
Sample name :180-111287-A-120 Analysed :10/04/2020 15:41

Eager 300 Report

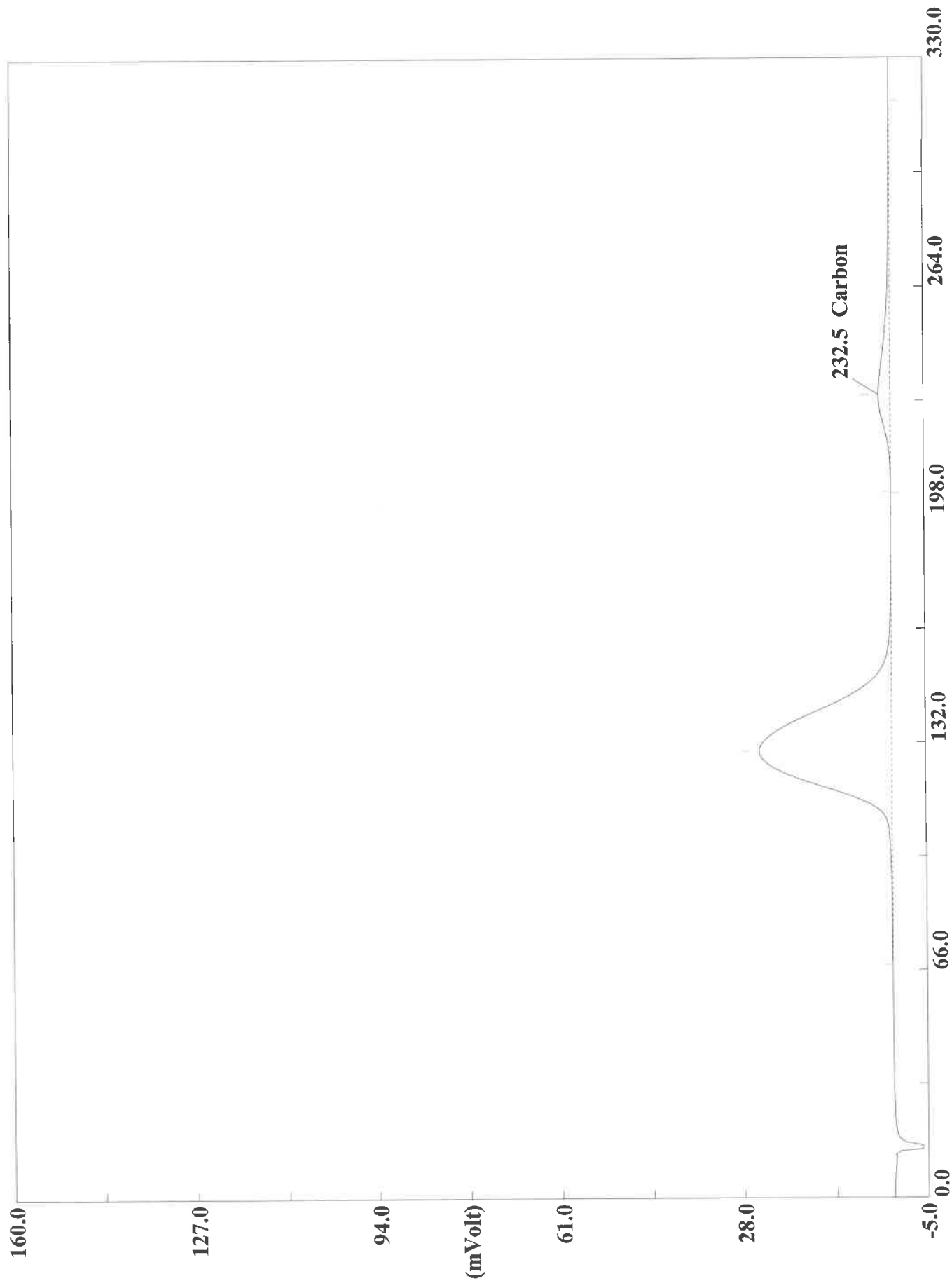
Page: 1 Sample: 180-111287-A-120 (A100420035)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420035
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:41 Printed : 10/5/2020 06:58
Sample ID : 180-111287-A-120 (# 46)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	2.8962	229	2728490	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420037.DAT
Sample name :180-111287-A-121 Analysed :10/04/2020 15:52

Eager 300 Report

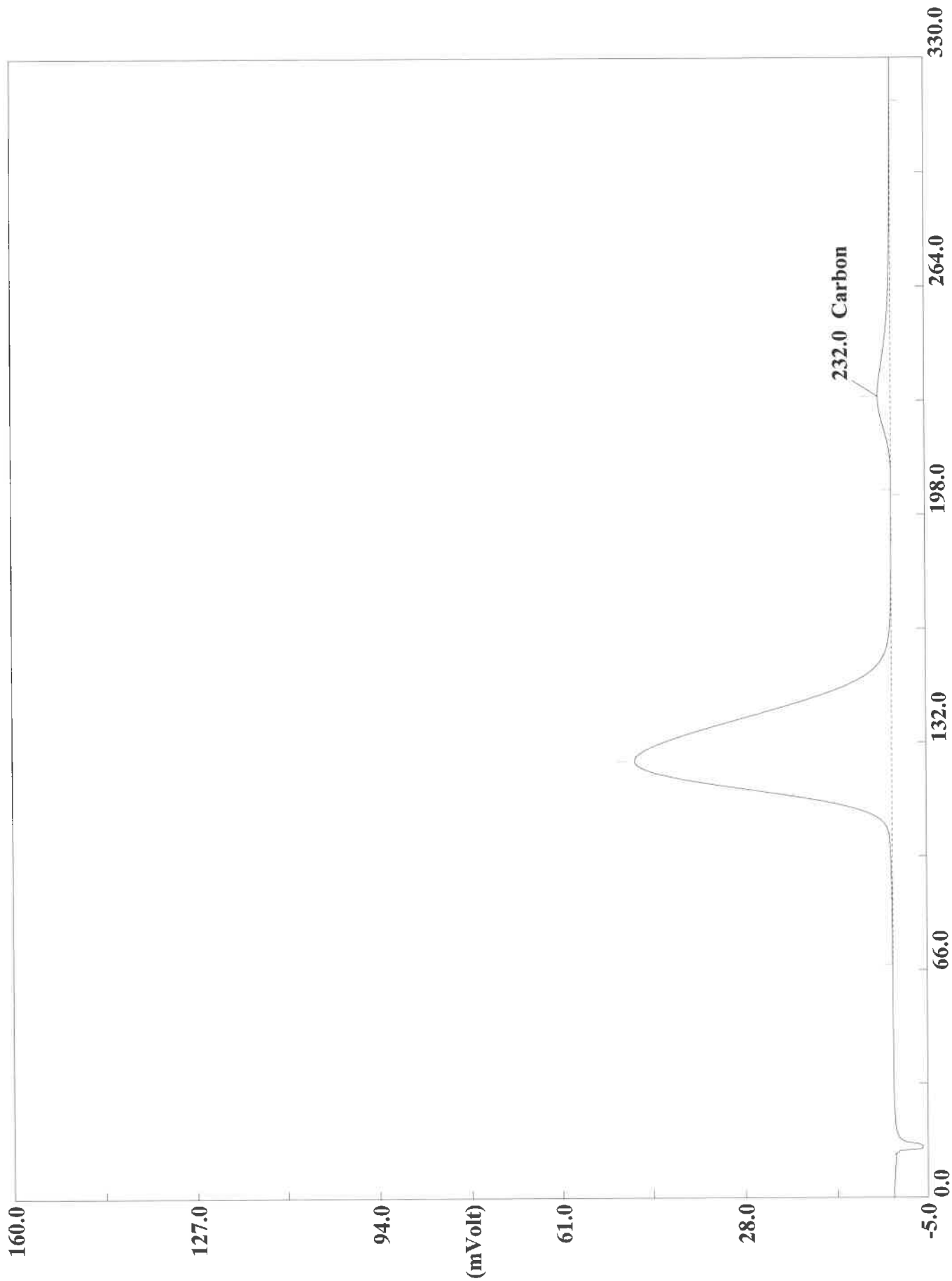
Page: 1 Sample: 180-111287-A-121 (A100420037)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420037
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:52 Printed : 10/5/2020 06:59
Sample ID : 180-111287-A-121 (# 48)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 18.1

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7094	233	646824	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420038.DAT
Sample name :180-111287-A-121 Analysed :10/04/2020 15:58

Eager 300 Report

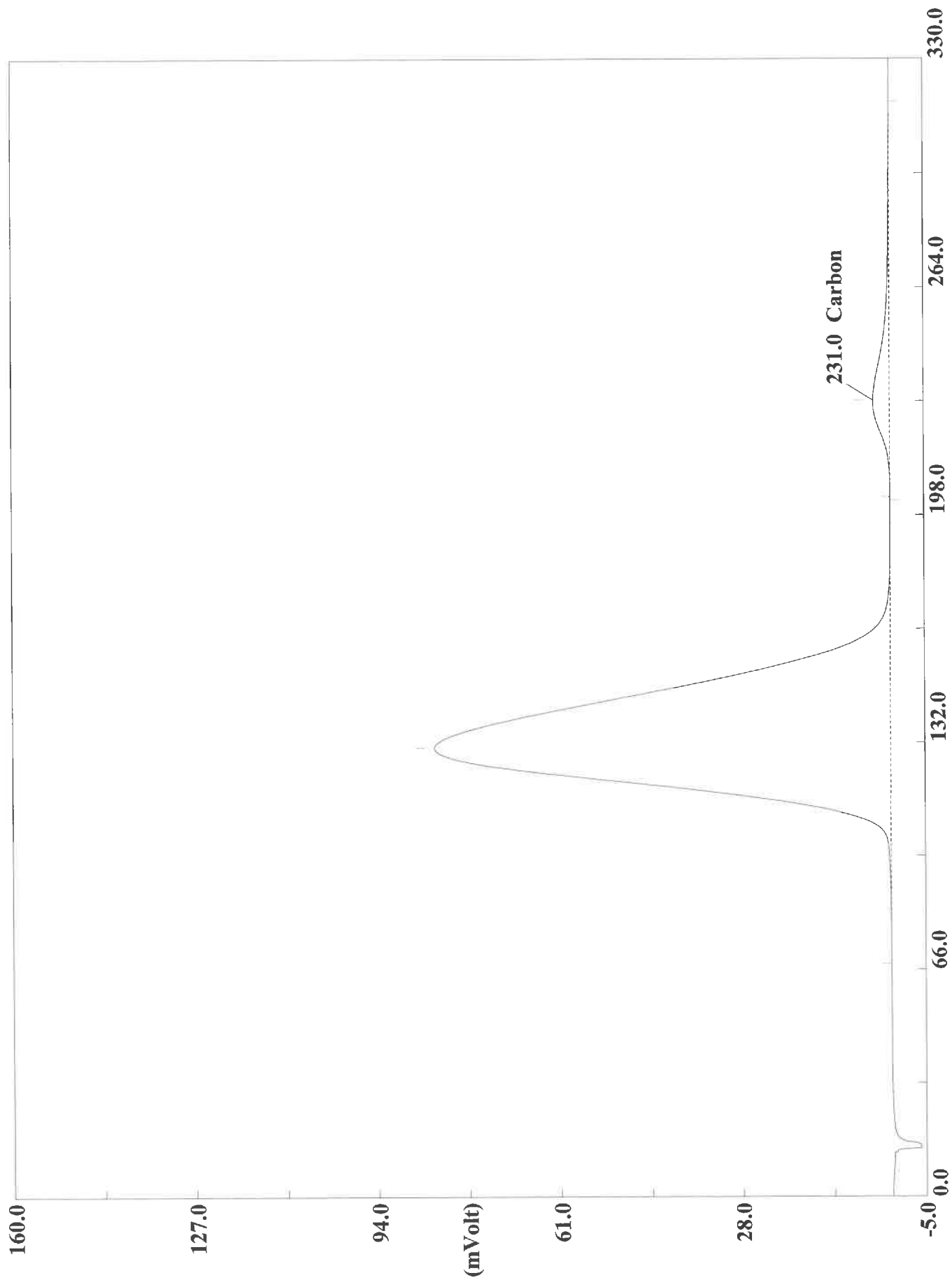
Page: 1 Sample: 180-111287-A-121 (A100420038)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420038
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 15:58 Printed : 10/5/2020 06:59
Sample ID : 180-111287-A-121 (# 49)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.2

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7197	232	697897	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Time (s)

Filename C:\data\January\A100420040.DAT

Sample name :180-111287-A-122 Analysed :10/04/2020 16:09

Eager 300 Report

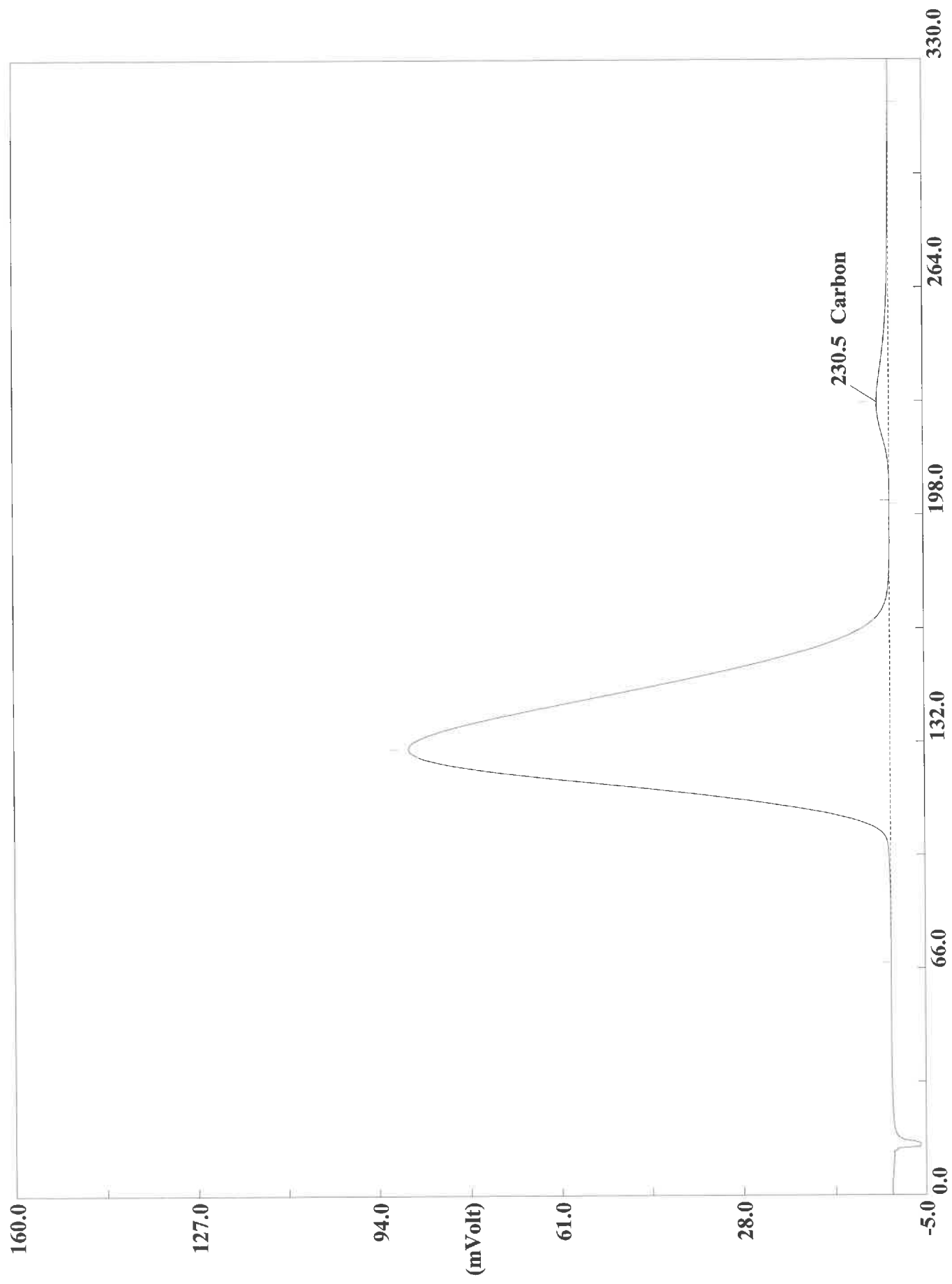
Page: 1 Sample: 180-111287-A-122 (A100420040)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420040
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 16:09 Printed : 10/5/2020 06:59
Sample ID : 180-111287-A-122 (# 51)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 22.5

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7449	231	851453	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420041.DAT
Sample name :180-111287-A-122 Analysed :10/04/2020 16:15

Eager 300 Report

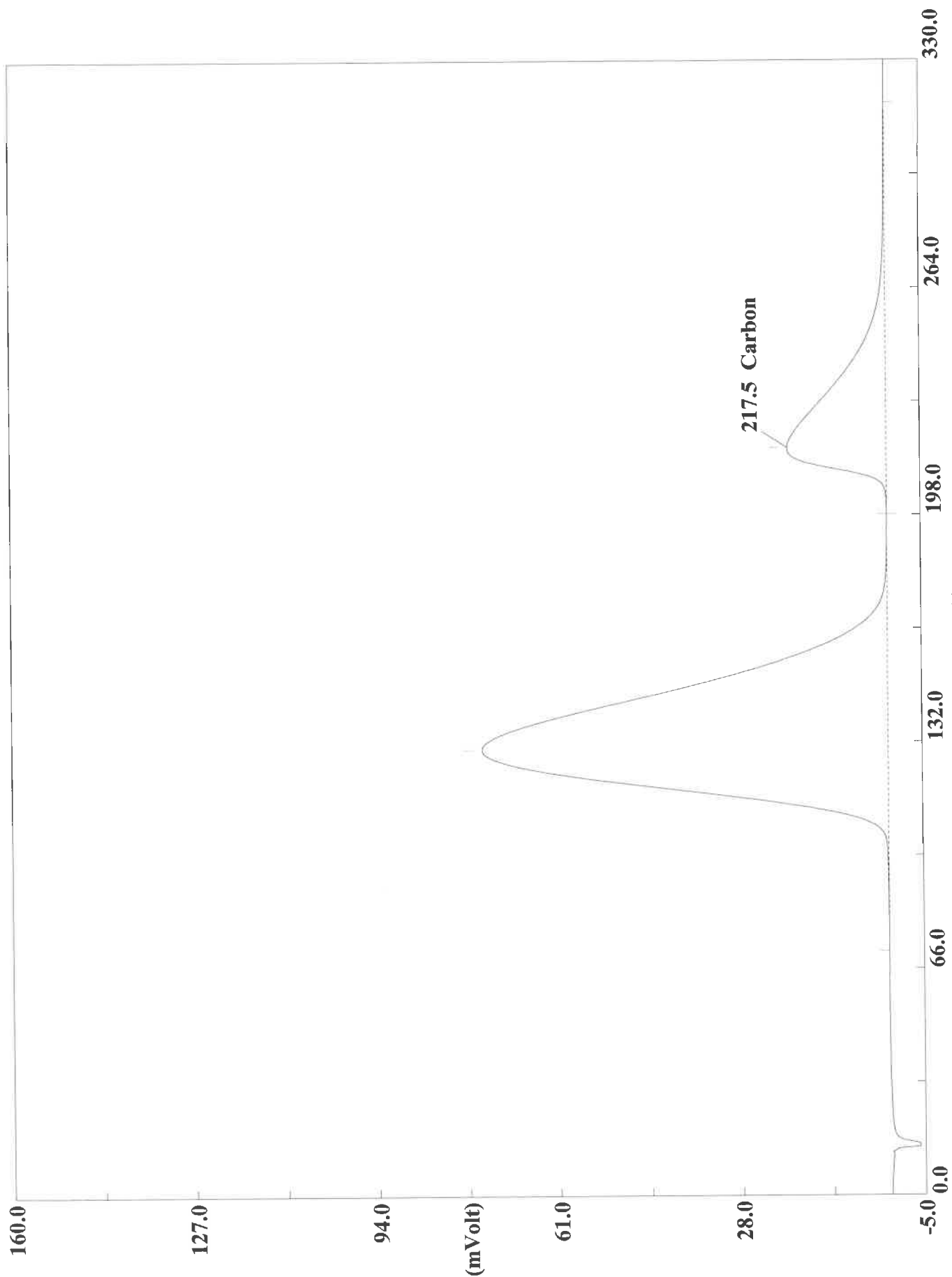
Page: 1 Sample: 180-111287-A-122 (A100420041)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420041
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 16:15 Printed : 10/5/2020 06:59
Sample ID : 180-111287-A-122 (# 52)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 19.6

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.7216	231	714829	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420043.DAT
Sample name :CCV Analysed :10/04/2020 16:43

Eager 300 Report

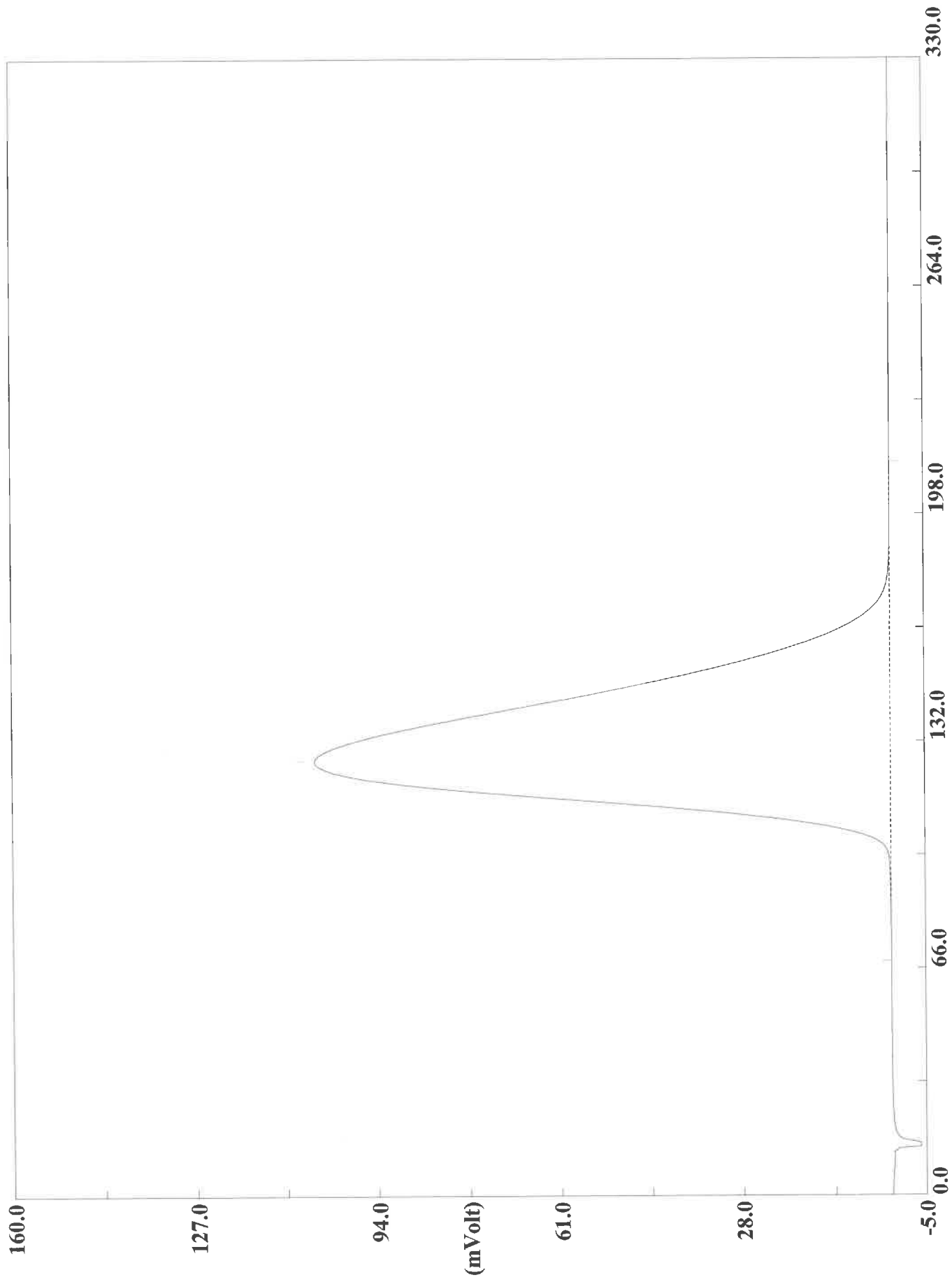
Page: 1 Sample: CCV (A100420043)

Method Name : Lloyd Kahn
Method File : C:\data\January\100420A.mth
Chromatogram : A100420043
Operator ID : DON FERGUSON Company Name : Eurofins TA Pitt
Analysed : 10/04/2020 16:43 Printed : 10/5/2020 06:59
Sample ID : CCV (# 54)
Instrument N. : Instrument #1
Analysis Type : UnkNown (Area) Sample weight : 100

Calib. method : using 'Least Squares to Linear fit'

Element Name	%	Ret.Time	Area	BC	Area ratio	K factor
Carbon	0.9550	218	4962660	RS	1.000000	

NO MANUAL INTEGRATIONS PERFORMED DLF 10/05/20



Filename C:\data\January\A100420044.DAT
Sample name :CCB Analysed :10/04/2020 16:48