CHEMTECH

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : CON EDISON NON-MGP - 3RD AVE YARD

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC

300 Kimball Drive

Parsippany, NJ - 07054

Phone No: 9735604900

ORDER ID : O5126

ATTENTION : Greg A. DelMastro, PG

NELAP ACCREDITED TNI LABORATORY

ANAB ACCREDITED ISO/IEC 17025 DOD ELAP

Laboratory Certification ID # 20012

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Cover Page

Order ID : O5126

Project ID : Con Edison Non-MGP - 3rd Ave Yard

Client : Langan Engineering and Environmental Services, Inc

Lab Sample Number	Client Sample Number
O5126-04	LQ-4
O5126-05	LQ-5
O5126-07	LQ-7
O5126-09	WT-1
O5126-10	LQ-1
O5126-11	LQ-2
O5126-12	LQ-3
O5126-13	LQ-6
O5126-14	LQ-8

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : N. N. Pandya

APPROVED
Date: 11/10/2023
By Nimisha Pandya QA/QC Supervisor at 10:37 am, Nov 10, 2023

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Langan Engineering and Environmental Services, Inc
Project Name: Con Edison Non-MGP - 3rd Ave Yard
Project # N/A
Chemtech Project # O5126
Test Name: PCB

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 10/27/2023.
6 Water samples were received on 10/27/2023.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Fingerprint and PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for
LQ-4 [Tetrachloro-m-xylene(1) - 448%],
LQ-5 [Decachlorobiphenyl(1) - 182%] and
LQ-7 [Decachlorobiphenyl(1) - 188%] as per method one surrogate is allowed to fail therefore no corrective action taken.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

Samples LQ-4, LQ-5 and LQ-7 were diluted due to Oil matrices.

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E. Additional Comments:
Less volume was taken for samples at the extraction due to Oil matrix.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature N. N. Pandya

APPROVED
By Nimisha Pandya QA/QC Supervisor at 10:38 am, Nov 10, 2023

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CASE NARRATIVE

Langan Engineering and Environmental Services, Inc
Project Name: Con Edison Non-MGP - 3rd Ave Yard
Project # N/A
Chemtech Project # O5126
Test Name: Fingerprint

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 10/27/2023.
6 Water samples were received on 10/27/2023.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: EPH, EPH_F2, Fingerprint, Mercury, Metals Group3, Metals ICP-TAL, METALS-TAL, Paint Filter, SVOC-TCL BNA -20, SVOCMS Group2 and VOC-TCLVOA-10. This data package contains results for EPH_F2.

C. Analytical Techniques:
The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

E. Additional Comments:

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature N. N. Pandya

APPROVED
By Nimisha Pandya QA/QC Supervisor at 10:38 am, Nov 10, 2023

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: O5126

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

1st Level QA Review Signature: SOHIL JODHANI **Date:** 11/10/2023

2nd Level QA Review Signature: N. N. Pandya **Date:**

APPROVED
By Nimisha Pandya QA/QC Supervisor at 10:38 am, Nov 10, 2023

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: O5126 **Order ID:** O5126

Client: Langan Engineering and Environmental Services **Project ID:** Con Edison Non-MGP - 3rd Ave Yard

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
			Total Concentration:	0.000				

SAMPLE DATA

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/26/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	LQ-4	SDG No.:	O5126
Lab Sample ID:	O5126-04	Matrix:	OIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099171.D	10	10/30/23 10:30	10/31/23 05:25	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	1100	U	1100	5000	ug/kg
11104-28-2	Aroclor-1221	1700	U	1700	5000	ug/kg
11141-16-5	Aroclor-1232	1300	U	1300	5000	ug/kg
53469-21-9	Aroclor-1242	921	U	921	5000	ug/kg
12672-29-6	Aroclor-1248	829	U	829	5000	ug/kg
11097-69-1	Aroclor-1254	1100	U	1100	5000	ug/kg
37324-23-5	Aroclor-1262	800	U	800	5000	ug/kg
11100-14-4	Aroclor-1268	971	U	971	5000	ug/kg
11096-82-5	Aroclor-1260	982	U	982	5000	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	89.6	*	40 - 162	448%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.4		32 - 175	142%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/26/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	LQ-5	SDG No.:	O5126
Lab Sample ID:	O5126-05	Matrix:	OIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099172.D	10	10/30/23 10:30	10/31/23 05:42	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	1000	U	1000	4900	ug/kg
11104-28-2	Aroclor-1221	1700	U	1700	4900	ug/kg
11141-16-5	Aroclor-1232	1300	U	1300	4900	ug/kg
53469-21-9	Aroclor-1242	894	U	894	4900	ug/kg
12672-29-6	Aroclor-1248	806	U	806	4900	ug/kg
11097-69-1	Aroclor-1254	1100	U	1100	4900	ug/kg
37324-23-5	Aroclor-1262	777	U	777	4900	ug/kg
11100-14-4	Aroclor-1268	943	U	943	4900	ug/kg
11096-82-5	Aroclor-1260	954	U	954	4900	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.3		40 - 162	137%	SPK: 20
2051-24-3	Decachlorobiphenyl	36.4	*	32 - 175	182%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/26/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	LQ-7	SDG No.:	O5126
Lab Sample ID:	O5126-07	Matrix:	OIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	1.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099173.D	10	10/30/23 10:30	10/31/23 05:59	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	994	U	994	4700	ug/kg
11104-28-2	Aroclor-1221	1600	U	1600	4700	ug/kg
11141-16-5	Aroclor-1232	1300	U	1300	4700	ug/kg
53469-21-9	Aroclor-1242	869	U	869	4700	ug/kg
12672-29-6	Aroclor-1248	783	U	783	4700	ug/kg
11097-69-1	Aroclor-1254	1000	U	1000	4700	ug/kg
37324-23-5	Aroclor-1262	756	U	756	4700	ug/kg
11100-14-4	Aroclor-1268	917	U	917	4700	ug/kg
11096-82-5	Aroclor-1260	928	U	928	4700	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	31.7		40 - 162	159%	SPK: 20
2051-24-3	Decachlorobiphenyl	37.5	*	32 - 175	188%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/26/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	WT-1	SDG No.:	O5126
Lab Sample ID:	O5126-09	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061385.D	1	10/28/23 10:32	10/31/23 07:30	PB156726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		21 - 155	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	9.29		10 - 173	46%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: O5126

Client: Langan Engineering and Environmental S

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO098875.D	PIBLK-PO098875.D	Tetrachloro-m-xylene	1	20	17.4	87		60	140
		Decachlorobiphenyl	1	20	18.1	91		60	140
		Tetrachloro-m-xylene	2	20	17.0	85		60	140
		Decachlorobiphenyl	2	20	18.7	94		60	140
I.BLK-PO099169.D	PIBLK-PO099169.D	Tetrachloro-m-xylene	1	20	20.2	101		60	140
		Decachlorobiphenyl	1	20	22.8	114		60	140
		Tetrachloro-m-xylene	2	20	20.6	103		60	140
		Decachlorobiphenyl	2	20	21.7	109		60	140
O5126-04	LQ-4	Tetrachloro-m-xylene	1	20	89.6	448	*	40	162
		Decachlorobiphenyl	1	20	28.4	142		32	175
		Tetrachloro-m-xylene	2	20	9.60	48		40	162
		Decachlorobiphenyl	2	20	22.4	112		32	175
O5126-05	LQ-5	Tetrachloro-m-xylene	1	20	27.3	137		40	162
		Decachlorobiphenyl	1	20	36.4	182	*	32	175
		Tetrachloro-m-xylene	2	20	22.7	114		40	162
		Decachlorobiphenyl	2	20	26.0	130		32	175
O5126-07	LQ-7	Tetrachloro-m-xylene	1	20	31.7	159		40	162
		Decachlorobiphenyl	1	20	37.5	188	*	32	175
		Tetrachloro-m-xylene	2	20	25.7	129		40	162
		Decachlorobiphenyl	2	20	27.8	139		32	175
I.BLK-PO099179.D	PIBLK-PO099179.D	Tetrachloro-m-xylene	1	20	19.4	97		60	140
		Decachlorobiphenyl	1	20	22.9	114		60	140
		Tetrachloro-m-xylene	2	20	20.3	101		60	140
		Decachlorobiphenyl	2	20	21.6	108		60	140
I.BLK-PO099199.D	PIBLK-PO099199.D	Tetrachloro-m-xylene	1	20	18.9	94		60	140
		Decachlorobiphenyl	1	20	22.1	110		60	140
		Tetrachloro-m-xylene	2	20	20.1	100		60	140
		Decachlorobiphenyl	2	20	21.4	107		60	140
PB156754BL	PB156754BL	Tetrachloro-m-xylene	1	20	19.1	96		40	162
		Decachlorobiphenyl	1	20	23.3	116		32	175
		Tetrachloro-m-xylene	2	20	20.0	100		40	162
		Decachlorobiphenyl	2	20	22.2	111		32	175
PB156754BS	PB156754BS	Tetrachloro-m-xylene	1	20	19.3	97		40	162
		Decachlorobiphenyl	1	20	23.2	116		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		40	162
		Decachlorobiphenyl	2	20	21.9	110		32	175
O5142-01MS	PSC-124037MS	Tetrachloro-m-xylene	1	20	22.2	111		40	162
		Decachlorobiphenyl	1	20	20.3	102		32	175
		Tetrachloro-m-xylene	2	20	24.1	121		40	162
		Decachlorobiphenyl	2	20	19.2	96		32	175
O5142-01MSD	PSC-124037MSD	Tetrachloro-m-xylene	1	20	21.9	110		40	162
		Decachlorobiphenyl	1	20	22.0	110		32	175
		Tetrachloro-m-xylene	2	20	23.6	118		40	162

Surrogate Summary

SDG No.: O5126

Client: Langan Engineering and Environmental S

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
O5142-01MSD	PSC-124037MSD	Decachlorobiphenyl	2	20	20.5	103		32	175
I.BLK-PO099214.D	PIBLK-PO099214.D	Tetrachloro-m-xylene	1	20	19.0	95		60	140
		Decachlorobiphenyl	1	20	22.6	113		60	140
		Tetrachloro-m-xylene	2	20	20.6	103		60	140
		Decachlorobiphenyl	2	20	21.0	105		60	140
I.BLK-PP061281.D	PIBLK-PP061281.D	Tetrachloro-m-xylene	1	20	23.1	116		60	140
		Decachlorobiphenyl	1	20	24.4	122		60	140
		Tetrachloro-m-xylene	2	20	24.6	123		60	140
		Decachlorobiphenyl	2	20	24.4	122		60	140
I.BLK-PP061366.D	PIBLK-PP061366.D	Tetrachloro-m-xylene	1	20	20.3	101		60	140
		Decachlorobiphenyl	1	20	20.4	102		60	140
		Tetrachloro-m-xylene	2	20	22.0	110		60	140
		Decachlorobiphenyl	2	20	20.3	101		60	140
PB156726BL	PB156726BL	Tetrachloro-m-xylene	1	20	21.5	107		21	155
		Decachlorobiphenyl	1	20	22.2	111		10	173
		Tetrachloro-m-xylene	2	20	22.9	114		21	155
		Decachlorobiphenyl	2	20	21.9	109		10	173
PB156726BS	PB156726BS	Tetrachloro-m-xylene	1	20	22.1	110		21	155
		Decachlorobiphenyl	1	20	22.6	113		10	173
		Tetrachloro-m-xylene	2	20	22.4	112		21	155
		Decachlorobiphenyl	2	20	22.1	111		10	173
PB156726BSD	PB156726BSD	Tetrachloro-m-xylene	1	20	22.3	111		21	155
		Decachlorobiphenyl	1	20	22.8	114		10	173
		Tetrachloro-m-xylene	2	20	22.4	112		21	155
		Decachlorobiphenyl	2	20	22.3	112		10	173
I.BLK-PP061381.D	PIBLK-PP061381.D	Tetrachloro-m-xylene	1	20	20.3	101		60	140
		Decachlorobiphenyl	1	20	20.1	100		60	140
		Tetrachloro-m-xylene	2	20	21.9	110		60	140
		Decachlorobiphenyl	2	20	19.9	100		60	140
O5126-09	WT-1	Tetrachloro-m-xylene	1	20	12.6	63		21	155
		Decachlorobiphenyl	1	20	9.29	46		10	173
		Tetrachloro-m-xylene	2	20	19.9	99		21	155
		Decachlorobiphenyl	2	20	8.27	41		10	173
I.BLK-PP061393.D	PIBLK-PP061393.D	Tetrachloro-m-xylene	1	20	19.6	98		60	140
		Decachlorobiphenyl	1	20	16.9	84		60	140
		Tetrachloro-m-xylene	2	20	21.4	107		60	140
		Decachlorobiphenyl	2	20	16.1	81		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5126

Client: Langan Engineering and Environmenta

Analytical Method: 8082A **DataFile :** PO099205.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**PSC-124037MS**											
O5142-01MS	AR1016	191.6	12.2	231	ug/kg	114				55	146	
	AR1260	191.6	0	207	ug/kg	108				33	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5126

Client: Langan Engineering and Environmenta

Analytical Method: 8082A **DataFile :** PO099206.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**PSC-124037MSD**											
O5142-01MSD	AR1016	191.7	12.2	215	ug/kg	106		7		55	146	20
	AR1260	191.7	0	196	ug/kg	102		6		33	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O5126

Client: Langan Engineering and Environmenta

Analytical Method: 8082A **Datafile :** PO099201.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB156754BS	AR1016	166.5	156	ug/kg	94				71	120	
	AR1260	166.5	149	ug/kg	89				65	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O5126

Client: Langan Engineering and Environmenta

Analytical Method: 8082A **Datafile :** PP061368.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB156726BS	AR1016	5	5.00	ug/L	100				61	112	
	AR1260	5	4.60	ug/L	92				66	113	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: O5126

Client: Langan Engineering and Environmenta

Analytical Method: 8082A **Datafile :** PP061369.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB156726BSD	AR1016	5	5.10	ug/L	102	2			61	112	20
	AR1260	5	4.80	ug/L	96	4			66	113	20

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156726BL

Lab Name: CHEMTECH Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: PB156726BL Lab File ID: PP061367.D

Matrix: (soil/water) WATER Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 10/28/2023

Date Analyzed (1): 10/31/2023 Date Analyzed (2): 10/31/2023

Time Analyzed (1): 01:43 Time Analyzed (2): 01:43

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB156726BS	PB156726BS	PP061368.D	10/31/2023	10/31/2023
PB156726BSD	PB156726BSD	PP061369.D	10/31/2023	10/31/2023
WT-1	O5126-09	PP061385.D	10/31/2023	10/31/2023

COMMENTS:

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156754BL

Lab Name: CHEMTECH Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: PB156754BL Lab File ID: PO099200.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 10/30/2023

Date Analyzed (1): 10/31/2023 Date Analyzed (2): 10/31/2023

Time Analyzed (1): 15:57 Time Analyzed (2): 15:57

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm) GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
LQ-4	O5126-04	PO099171.D	10/31/2023	10/31/2023
LQ-5	O5126-05	PO099172.D	10/31/2023	10/31/2023
LQ-7	O5126-07	PO099173.D	10/31/2023	10/31/2023
PB156754BS	PB156754BS	PO099201.D	10/31/2023	10/31/2023
PSC-124037MS	O5142-01MS	PO099205.D	10/31/2023	10/31/2023
PSC-124037MSD	O5142-01MSD	PO099206.D	10/31/2023	10/31/2023

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	
Client Sample ID:	PB156726BL	SDG No.:	O5126
Lab Sample ID:	PB156726BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061367.D	1	10/28/23 10:32	10/31/23 01:43	PB156726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		21 - 155	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		10 - 173	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	
Client Sample ID:	PB156754BL	SDG No.:	O5126
Lab Sample ID:	PB156754BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099200.D	1	10/30/23 10:30	10/31/23 15:57	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	5.90	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	3.10	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	2.80	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	2.70	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	3.30	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		40 - 162	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.3		32 - 175	116%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/24/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/24/23
Client Sample ID:	PIBLK-PO098875.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PO098875.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO098875.D	1		10/24/23	PO102423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	91%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
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J = Estimated Value
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PO099169.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PO099169.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099169.D	1		10/31/23	PO103023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		60 - 140	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		60 - 140	109%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PO099179.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PO099179.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099179.D	1		10/31/23	po103023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		60 - 140	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		60 - 140	108%	SPK: 20

Comments:

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LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PO099199.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PO099199.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099199.D	1		10/31/23	PO103123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		60 - 140	107%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PO099214.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PO099214.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099214.D	1		10/31/23	PO103123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		60 - 140	105%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/27/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	PIBLK-PP061281.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PP061281.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061281.D	1		10/27/23	PP102723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		60 - 140	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.4		60 - 140	122%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PP061366.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PP061366.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061366.D	1		10/31/23	PP103023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		60 - 140	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		60 - 140	101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PP061381.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PP061381.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061381.D	1		10/31/23	PP103023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		60 - 140	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 140	100%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/31/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/31/23
Client Sample ID:	PIBLK-PP061393.D	SDG No.:	O5126
Lab Sample ID:	I.BLK-PP061393.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061393.D	1		10/31/23	PP103023

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		60 - 140	81%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	
Client Sample ID:	PB156726BS	SDG No.:	O5126
Lab Sample ID:	PB156726BS	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061368.D	1	10/28/23 10:32	10/31/23 01:59	PB156726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.16	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		21 - 155	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		10 - 173	113%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	
Client Sample ID:	PB156754BS	SDG No.:	O5126
Lab Sample ID:	PB156754BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099201.D	1	10/30/23 10:30	10/31/23 16:14	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		3.60	17.0	ug/kg
11104-28-2	Aroclor-1221	5.90	U	5.90	17.0	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	17.0	ug/kg
53469-21-9	Aroclor-1242	3.10	U	3.10	17.0	ug/kg
12672-29-6	Aroclor-1248	2.80	U	2.80	17.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	17.0	ug/kg
37324-23-5	Aroclor-1262	2.70	U	2.70	17.0	ug/kg
11100-14-4	Aroclor-1268	3.30	U	3.30	17.0	ug/kg
11096-82-5	Aroclor-1260	149		3.30	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		40 - 162	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		32 - 175	116%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	
Client Sample ID:	PB156726BSD	SDG No.:	O5126
Lab Sample ID:	PB156726BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061369.D	1	10/28/23 10:32	10/31/23 02:16	PB156726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.10		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	4.80		0.16	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		21 - 155	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		10 - 173	114%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
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() = Laboratory InHouse Limit

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/27/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	PSC-124037MS	SDG No.:	O5126
Lab Sample ID:	O5142-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099205.D	1	10/30/23 10:30	10/31/23 17:21	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	231		4.10	19.5	ug/kg
11104-28-2	Aroclor-1221	6.70	U	6.70	19.5	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	19.5	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	19.5	ug/kg
12672-29-6	Aroclor-1248	3.20	U	3.20	19.5	ug/kg
11097-69-1	Aroclor-1254	4.30	U	4.30	19.5	ug/kg
37324-23-5	Aroclor-1262	3.10	U	3.10	19.5	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	19.5	ug/kg
11096-82-5	Aroclor-1260	207		3.80	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.1		40 - 162	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	102%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/27/23
Project:	Con Edison Non-MGP - 3rd Ave Yard	Date Received:	10/27/23
Client Sample ID:	PSC-124037MSD	SDG No.:	O5126
Lab Sample ID:	O5142-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099206.D	1	10/30/23 10:30	10/31/23 17:38	PB156754

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	215		4.10	19.6	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	19.6	ug/kg
11141-16-5	Aroclor-1232	5.20	U	5.20	19.6	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	19.6	ug/kg
12672-29-6	Aroclor-1248	3.20	U	3.20	19.6	ug/kg
11097-69-1	Aroclor-1254	4.30	U	4.30	19.6	ug/kg
37324-23-5	Aroclor-1262	3.10	U	3.10	19.6	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	19.6	ug/kg
11096-82-5	Aroclor-1260	196		3.80	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.6		40 - 162	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		32 - 175	110%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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() = Laboratory InHouse Limit

CALIBRATION SUMMARY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO098876.D RT 750 = PO098877.D

RT 500 = PO098878.D RT 250 = PO098879.D RT 050 = PO098880.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1016-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-3	(3)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1016-4	(4)	5.84	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1260-1	(1)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.88	7.88	7.88	7.88	7.88	7.88	7.78	7.98
Aroclor-1260-4	(4)	8.10	8.11	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1242-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1242-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-3	(3)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1242-4	(4)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1248-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1248-2	(2)	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Aroclor-1248-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1248-4	(4)	6.54	6.54	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1248-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1254-1	(1)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1254-2	(2)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1254-3	(3)	7.10	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1268-1	(1)	8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Aroclor-1268-2	(2)	8.84	8.84	8.84	8.84	8.84	8.84	8.74	8.94
Aroclor-1268-3	(3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4	(4)	9.51	9.51	9.51	9.51	9.51	9.51	9.41	9.61
Aroclor-1268-5	(5)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PO098876.D RT 750 = PO098877.D

RT 500 = PO098878.D RT 250 = PO098879.D RT 050 = PO098880.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1016-2	(2)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-3	(3)	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1260-1	(1)	6.20	6.19	6.20	6.19	6.19	6.19	6.09	6.29
Aroclor-1260-2	(2)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-5	(5)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1242-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1242-2	(2)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-3	(3)	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1242-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-5	(5)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1248-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1248-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1248-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1248-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-5	(5)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1254-1	(1)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1254-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-3	(3)	6.06	6.06	6.06	6.06	6.06	6.06	5.96	6.16
Aroclor-1254-4	(4)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1254-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1268-1	(1)	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1268-2	(2)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-3	(3)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Aroclor-1268-4	(4)	8.09	8.09	8.09	8.09	8.09	8.09	7.99	8.19
Aroclor-1268-5	(5)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene	3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PO098876.D **CF 750 =** PO098877.D

CF 500 = PO098878.D **CF 250 =** PO098879.D **CF 050 =** PO098880.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	49989028	52385553	55533822	59660416	57762880	55066340	7
Aroclor-1016-2	(2)	75287793	78136929	82145748	89947288	87931560	82689864	8
Aroclor-1016-3	(3)	47790640	49770840	52709266	55573040	51517080	51472173	6
Aroclor-1016-4	(4)	37181612	38653064	40933136	43845508	42603700	40643404	7
Aroclor-1016-5	(5)	39306982	41166875	43645748	46212632	41883400	42443127	6
Aroclor-1260-1	(1)	66021049	68641383	73335746	77991056	72315880	71661023	6
Aroclor-1260-2	(2)	71661854	74664931	78950758	85466964	83739600	78896821	7
Aroclor-1260-3	(3)	51485935	53851253	56122134	60003164	51602020	54612901	7
Aroclor-1260-4	(4)	59353646	61504485	64814452	68471968	59139200	62656750	6
Aroclor-1260-5	(5)	99124661	102285561	107421222	113030340	113216240	107015605	6
Decachlorobiphenyl		1060572420	1094172680	1149512640	1213102040	1146991200	1132870196	5
Tetrachloro-m-xylene		1863340870	1912555627	1987468500	2115545120	2000783600	1975938743	5
Aroclor-1242-1	(1)	41078299	40908460	43865588	46206632	44402180	43292232	5
Aroclor-1242-2	(2)	60714759	61098743	64536650	67340748	66545640	64047308	5
Aroclor-1242-3	(3)	39156362	39208737	41327592	42933812	38501920	40225685	5
Aroclor-1242-4	(4)	30357802	30557131	32085682	32918340	30545440	31292879	4
Aroclor-1242-5	(5)	29994844	30148920	31886564	33781628	28431080	30848607	7
Decachlorobiphenyl		1109812630	1114322200	1166545740	1204337240	1169126400	1152828842	3
Tetrachloro-m-xylene		2019994980	1991865973	2074410900	2134638120	1996394800	2043460955	3
Aroclor-1248-1	(1)	31777457	32523332	34676906	36206032	34679620	33972669	5
Aroclor-1248-2	(2)	49826889	50941409	54053908	57659484	49184720	52333282	7
Aroclor-1248-3	(3)	53623277	54462804	58147036	62246604	56408860	56977716	6
Aroclor-1248-4	(4)	50520624	52159307	55248342	58449360	56280540	54531635	6
Aroclor-1248-5	(5)	52013973	53440915	56603118	60721060	61251400	56806093	7
Decachlorobiphenyl		1086054700	1133076453	1184626040	1217746600	1105316800	1145364119	5
Tetrachloro-m-xylene		1955781080	1958748773	2036476980	2133825680	1982762600	2013519023	4
Aroclor-1254-1	(1)	59581679	63484724	66791772	70124004	69152820	65827000	7
Aroclor-1254-2	(2)	86700398	91673145	96400834	102499040	104069740	96268631	8
Aroclor-1254-3	(3)	83174823	87463687	90998546	95666728	89611540	89383065	5
Aroclor-1254-4	(4)	52127999	54872905	56652914	58665100	51598600	54783504	5
Aroclor-1254-5	(5)	63529137	66377123	69292832	71831604	65643400	67334819	5
Decachlorobiphenyl		1101048720	1154628773	1203587880	1245974320	1143081800	1169664299	5
Tetrachloro-m-xylene		1961547050	2030923560	2079762860	2161116360	2046820200	2056034006	4
Aroclor-1268-1	(1)	167101689	168103977	176338924	182865516	166815900	172245201	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	152357600	152774039	161189372	166770536	150879360	156794181	4
Aroclor-1268-3	(3)	135168451	136245995	143482964	148903648	137259660	140212144	4
Aroclor-1268-4	(4)	50291800	50665288	51647154	51581952	46538040	50144847	4
Aroclor-1268-5	(5)	404967365	403507273	422479914	423919200	391224200	409219590	3
Decachlorobiphenyl		1977497130	1984309573	2107507040	2162051280	2016902400	2049653485	4
Tetrachloro-m-xylene		2050076990	2059501507	2132696220	2200566000	1973434200	2083254983	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PO098876.D **CF 750 =** PO098877.D

CF 500 = PO098878.D **CF 250 =** PO098879.D **CF 050 =** PO098880.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	20848038	21476807	22653938	24421520	22569440	22393949	6
Aroclor-1016-2	(2)	29250389	30344203	31825358	34249576	30613680	31256641	6
Aroclor-1016-3	(3)	16140423	16801440	17580246	18205404	15936420	16932787	6
Aroclor-1016-4	(4)	13652710	14278405	15075286	15692716	13589580	14457739	6
Aroclor-1016-5	(5)	17595249	18357624	19383002	20297968	17775520	18681873	6
Aroclor-1260-1	(1)	32308121	33522716	35551462	38257024	36737720	35275409	7
Aroclor-1260-2	(2)	36729811	38142455	40451776	43264848	41843480	40086474	7
Aroclor-1260-3	(3)	35297806	36316081	38407302	40987364	38055840	37812879	6
Aroclor-1260-4	(4)	26937141	28012183	29600570	31260480	28672080	28896491	6
Aroclor-1260-5	(5)	56808823	58366176	60970486	64172044	60580720	60179650	5
Decachlorobiphenyl		495673770	516316707	540354260	576360680	553957000	536532483	6
Tetrachloro-m-xylene		689344340	701672453	724360560	762877760	720136000	719678223	4
Aroclor-1242-1	(1)	16576295	16975355	18027342	19019524	17250880	17569879	6
Aroclor-1242-2	(2)	23139688	23564864	24743812	25770584	23949760	24233742	4
Aroclor-1242-3	(3)	12830905	13112524	13651562	13557640	10950800	12820686	9
Aroclor-1242-4	(4)	13643193	13996931	14663506	14851920	13228180	14076746	5
Aroclor-1242-5	(5)	16076536	16427908	17207214	17648900	16195360	16711184	4
Decachlorobiphenyl		513404210	527070400	554094260	582361480	556529600	546691990	5
Tetrachloro-m-xylene		740657730	739800120	760391120	779292320	697594800	743547218	4
Aroclor-1248-1	(1)	12987284	13321796	14351546	15042508	13596740	13859975	6
Aroclor-1248-2	(2)	18816893	19317827	20746338	21987348	18449520	19863585	7
Aroclor-1248-3	(3)	19817774	20340991	21795184	22828792	19485020	20853552	7
Aroclor-1248-4	(4)	23267143	23894836	25736506	27167504	22851480	24583494	7
Aroclor-1248-5	(5)	20395130	21186776	22402772	23389864	21217480	21718404	5
Decachlorobiphenyl		509468510	526411933	553538980	591531280	551145600	546419261	6
Tetrachloro-m-xylene		717577670	715218520	745353940	769827640	691694400	727934434	4
Aroclor-1254-1	(1)	32900286	34580232	36230922	38690160	34765120	35433344	6
Aroclor-1254-2	(2)	29506119	31052004	32605276	34997640	31761000	31984408	6
Aroclor-1254-3	(3)	45712845	47892805	49844328	52721580	48265840	48887480	5
Aroclor-1254-4	(4)	24932607	26216301	27379304	28386360	24119540	26206822	7
Aroclor-1254-5	(5)	40119812	41800708	43737752	45233344	39882320	42154787	5
Decachlorobiphenyl		509186070	537151387	561755500	593508280	549796600	550279567	6
Tetrachloro-m-xylene		721062620	744080280	761641260	781873040	698599000	741451240	4
Aroclor-1268-1	(1)	85641137	85884300	89390656	93476344	91584500	89195387	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	76443943	76462275	79666976	83196872	79014740	78956961	4
Aroclor-1268-3	(3)	67068705	67662444	71100866	74335272	71854060	70404269	4
Aroclor-1268-4	(4)	26181713	27002827	28751574	29305536	26552960	27558922	5
Aroclor-1268-5	(5)	188411785	187030196	193925200	195546924	188233120	190629445	2
Decachlorobiphenyl		914662130	923009707	972442520	1015662840	995312200	964217879	5
Tetrachloro-m-xylene		751895500	760576613	783867520	799012040	707317600	760533855	5

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Date(s) Analyzed:** 10/24/2023 10/25/2023

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.69	4.59	4.79	24828200
		2	4.77	4.67	4.87	18499300
		3	4.85	4.75	4.95	54176600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	45747600
		2	5.38	5.28	5.48	23614400
		3	5.67	5.57	5.77	39492200
		4	5.83	5.73	5.93	19078900
		5	5.92	5.82	6.02	16658200
Aroclor-1262	500	1	7.88	7.78	7.98	90511600
		2	8.43	8.33	8.53	133307000
		3	8.75	8.65	8.85	98336000
		4	8.84	8.74	8.94	80110000
		5	9.51	9.41	9.61	43940800

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_O **Date(s) Analyzed:** 10/24/2023 10/25/2023

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.84	3.74	3.94	9289900
		2	3.93	3.83	4.03	6483720
		3	4.01	3.91	4.11	20227200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.01	3.91	4.11	17141600
		2	4.73	4.63	4.83	15320000
		3	4.91	4.81	5.01	8001480
		4	4.99	4.89	5.09	7693780
		5	5.16	5.06	5.26	8505580
Aroclor-1262	500	1	6.75	6.65	6.85	46921000
		2	7.01	6.91	7.11	41517000
		3	7.53	7.43	7.63	31946800
		4	7.60	7.50	7.70	54979000
		5	8.09	7.99	8.19	25114200

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP061282.D RT 750 = PP061283.D

RT 500 = PP061284.D RT 250 = PP061285.D RT 050 = PP061286.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.76	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-2	(2)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Aroclor-1016-3	(3)	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Aroclor-1016-4	(4)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1016-5	(5)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1260-1	(1)	7.39	7.38	7.38	7.38	7.39	7.38	7.28	7.48
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Decachlorobiphenyl		10.54	10.54	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1242-1	(1)	5.76	5.76	5.76	5.75	5.75	5.76	5.66	5.86
Aroclor-1242-2	(2)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Aroclor-1242-3	(3)	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Aroclor-1242-4	(4)	5.94	5.94	5.94	5.94	5.95	5.94	5.84	6.04
Aroclor-1242-5	(5)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Decachlorobiphenyl		10.55	10.55	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1248-1	(1)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1248-2	(2)	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Aroclor-1248-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1248-4	(4)	6.65	6.65	6.65	6.65	6.65	6.65	6.55	6.75
Aroclor-1248-5	(5)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Decachlorobiphenyl		10.53	10.53	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1254-1	(1)	6.62	6.62	6.62	6.62	6.62	6.62	6.52	6.72
Aroclor-1254-2	(2)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1254-3	(3)	7.21	7.21	7.21	7.21	7.21	7.21	7.11	7.31
Aroclor-1254-4	(4)	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Aroclor-1254-5	(5)	7.92	7.92	7.93	7.92	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.53	10.53	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1268-1	(1)	8.90	8.90	8.90	8.90	8.90	8.90	8.80	9.00
Aroclor-1268-2	(2)	9.00	9.00	9.01	9.00	9.00	9.00	8.90	9.10
Aroclor-1268-3	(3)	9.25	9.25	9.25	9.25	9.25	9.25	9.15	9.35
Aroclor-1268-4	(4)	9.71	9.71	9.71	9.71	9.71	9.71	9.61	9.81
Aroclor-1268-5	(5)	10.16	10.16	10.16	10.16	10.16	10.16	10.06	10.26

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.53	10.53	10.53	10.52	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP061282.D RT 750 = PP061283.D

RT 500 = PP061284.D RT 250 = PP061285.D RT 050 = PP061286.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.80	4.80	4.79	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-2	(2)	4.82	4.81	4.81	4.81	4.82	4.81	4.71	4.91
Aroclor-1016-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-4	(4)	5.04	5.04	5.03	5.04	5.04	5.04	4.94	5.14
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.30	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1260-3	(3)	6.64	6.64	6.64	6.64	6.64	6.64	6.54	6.74
Aroclor-1260-4	(4)	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Aroclor-1260-5	(5)	7.36	7.36	7.35	7.36	7.36	7.36	7.26	7.46
Decachlorobiphenyl		8.77	8.77	8.76	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.70	3.70	3.69	3.70	3.69	3.70	3.60	3.80
Aroclor-1242-1	(1)	4.80	4.80	4.80	4.79	4.80	4.80	4.70	4.90
Aroclor-1242-2	(2)	4.82	4.82	4.82	4.81	4.81	4.82	4.72	4.92
Aroclor-1242-3	(3)	5.00	5.00	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-4	(4)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.60	5.61	5.51	5.71
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.70	3.70	3.70	3.69	3.69	3.70	3.60	3.80
Aroclor-1248-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1248-2	(2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1248-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1248-4	(4)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Aroclor-1254-4	(4)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1254-5	(5)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.64	7.64	7.64	7.63	7.64	7.64	7.54	7.74
Aroclor-1268-2	(2)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-3	(3)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1268-4	(4)	8.20	8.20	8.20	8.20	8.20	8.20	8.10	8.30
Aroclor-1268-5	(5)	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP061282.D **CF 750 =** PP061283.D

CF 500 = PP061284.D **CF 250 =** PP061285.D **CF 050 =** PP061286.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	78212042	80599441	82345390	85900384	79836180	81378687	4
Aroclor-1016-2	(2)	112738073	115759573	117214098	122870952	112849440	116286427	4
Aroclor-1016-3	(3)	66929599	69456631	71505478	75738668	69952460	70716567	5
Aroclor-1016-4	(4)	56430833	58267451	59377670	62235268	55546060	58371456	5
Aroclor-1016-5	(5)	56065561	57882228	59419624	63142916	50537700	57409606	8
Aroclor-1260-1	(1)	106895618	111835625	114705618	116472508	112558560	112493586	3
Aroclor-1260-2	(2)	122420456	132806607	127805390	133319552	130501920	129370785	3
Aroclor-1260-3	(3)	82507793	84599167	86033322	90169708	81343860	84930770	4
Aroclor-1260-4	(4)	100877736	102233352	103139216	107842560	91306780	101079929	6
Aroclor-1260-5	(5)	194869646	195495073	196035092	204433776	177577520	193682221	5
Decachlorobiphenyl		1820417660	1875964747	1930434440	1999223120	1802472200	1885702433	4
Tetrachloro-m-xylene		2497120520	2532236027	2540128700	2552616640	2228791600	2470178697	6
Aroclor-1242-1	(1)	61622664	63864001	67188154	68775468	65631380	65416333	4
Aroclor-1242-2	(2)	89744740	90679724	94334560	96701964	91879800	92668158	3
Aroclor-1242-3	(3)	53408719	54880752	57988284	60694636	58413060	57077090	5
Aroclor-1242-4	(4)	45020195	46199180	47975954	50261328	53610200	48613371	7
Aroclor-1242-5	(5)	47011944	47404843	53236068	56077268	54899000	51725825	8
Decachlorobiphenyl		1839270080	1887092453	1956533620	2107791640	1819629200	1922063399	6
Tetrachloro-m-xylene		2553118200	2572437587	2624758880	2575120960	2260575600	2517202245	6
Aroclor-1248-1	(1)	46243226	47429747	48711456	52312148	49305880	48800491	5
Aroclor-1248-2	(2)	69204046	81420103	73405360	77844828	74918200	75358507	6
Aroclor-1248-3	(3)	86824624	77722397	82869124	91408960	78161780	83397377	7
Aroclor-1248-4	(4)	84558978	86071039	87331762	91419268	91379860	88152181	4
Aroclor-1248-5	(5)	80381233	84287171	84328208	88006696	86964680	84793598	3
Decachlorobiphenyl		1831534510	1884543733	1944245920	2023416160	1795257200	1895799505	5
Tetrachloro-m-xylene		2518302300	2539263760	2553682340	2544192920	2216329600	2474354184	6
Aroclor-1254-1	(1)	84105683	85678899	88539880	93811412	90685000	88564175	4
Aroclor-1254-2	(2)	127682058	129532649	133715058	140889096	135066660	133377104	4
Aroclor-1254-3	(3)	133404615	134856289	138449996	145700524	139104140	138303113	3
Aroclor-1254-4	(4)	96657916	97545587	100163340	103597628	99776880	99548270	3
Aroclor-1254-5	(5)	107758992	109650001	111657242	115050528	106144480	110052249	3
Decachlorobiphenyl		1822009320	1862834467	1932988380	1993334480	1825600400	1887353409	4
Tetrachloro-m-xylene		2513561060	2512639507	2516482200	2518049880	2219551600	2456056849	5
Aroclor-1268-1	(1)	279207059	286889505	290053208	305041564	270678380	286373943	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	252281607	260394632	262178256	268470024	264231340	261511172	2
Aroclor-1268-3	(3)	219517461	224159525	228773188	256713848	209376220	227708048	8
Aroclor-1268-4	(4)	90772553	94759200	94449238	95073488	77575100	90525916	8
Aroclor-1268-5	(5)	706187367	719283455	716389008	717941248	626059020	697172020	6
Decachlorobiphenyl		3292683380	3391751373	3448222860	3528415320	3198387400	3371892067	4
Tetrachloro-m-xylene		2594293810	2596516147	2589988480	2569823760	2225175400	2515159519	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: **CF 1000 =** PP061282.D **CF 750 =** PP061283.D

CF 500 = PP061284.D **CF 250 =** PP061285.D **CF 050 =** PP061286.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	47373123	49756297	51930892	56389552	53322120	51754397	7
Aroclor-1016-2	(2)	66157042	68423064	70627548	76676240	71742480	70725275	6
Aroclor-1016-3	(3)	36514114	38197968	39736858	43383244	39426320	39451701	6
Aroclor-1016-4	(4)	28642383	30161093	31893236	34823616	31762160	31456498	7
Aroclor-1016-5	(5)	38058242	40005372	41884950	45689092	44553920	42038315	7
Aroclor-1260-1	(1)	75438383	78348136	81384016	87534872	84115880	81364257	6
Aroclor-1260-2	(2)	90551189	93754113	97074824	104583668	101688060	97530371	6
Aroclor-1260-3	(3)	88554614	91419453	93870458	99327400	89572220	92548829	5
Aroclor-1260-4	(4)	69680008	71898749	74308478	78651592	72082360	73324237	5
Aroclor-1260-5	(5)	167571915	170778617	173359878	177807488	164288960	170761372	3
Decachlorobiphenyl		1449798320	1491008213	1544181900	1633803200	1559674400	1535693207	5
Tetrachloro-m-xylene		1424685800	1468786707	1502244920	1569298800	1507431400	1494489525	4
Aroclor-1242-1	(1)	38370066	40266172	42863770	46169652	43738540	42281640	7
Aroclor-1242-2	(2)	53117583	54674537	57981020	61324776	57154640	56850511	6
Aroclor-1242-3	(3)	29705737	30928000	33140354	34677848	32021780	32094744	6
Aroclor-1242-4	(4)	29339715	30759728	33121464	35075396	32515900	32162441	7
Aroclor-1242-5	(5)	37074981	38594979	40943788	43605840	38253980	39694714	7
Decachlorobiphenyl		1471560590	1512039093	1574142240	1648015320	1596536400	1560458729	4
Tetrachloro-m-xylene		1511268670	1546260533	1611797520	1683130840	1571683400	1584828193	4
Aroclor-1248-1	(1)	28479766	29330216	31595402	34246856	31732540	31076956	7
Aroclor-1248-2	(2)	39884082	41054504	44283276	48404588	44476220	43620534	8
Aroclor-1248-3	(3)	42268470	44209283	46816228	51158368	47927500	46475970	7
Aroclor-1248-4	(4)	50503493	53663392	55776212	60994740	57676320	55722831	7
Aroclor-1248-5	(5)	48980599	51366895	53337064	57551132	48924480	52032034	7
Decachlorobiphenyl		1468206370	1512922813	1564203620	1651978120	1572834400	1554029065	4
Tetrachloro-m-xylene		1503436440	1535689387	1582353960	1642607280	1532395200	1559296453	3
Aroclor-1254-1	(1)	73316784	75064320	78626170	84540628	82468800	78803340	6
Aroclor-1254-2	(2)	64581135	66308883	69739678	75376380	73204660	69842147	6
Aroclor-1254-3	(3)	107956886	109548401	113905660	120657136	115173080	113448233	4
Aroclor-1254-4	(4)	66660088	67677848	70456186	73775768	68942540	69502486	4
Aroclor-1254-5	(5)	102633978	104587725	108012454	113421788	100393380	105809865	5
Decachlorobiphenyl		1451200210	1482403520	1546469200	1623113560	1567126400	1534062578	4
Tetrachloro-m-xylene		1504120480	1520942947	1557432600	1623244920	1483629600	1537874109	4
Aroclor-1268-1	(1)	226076215	231120203	238074380	240999504	227944660	232842992	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	205665168	211143027	213586122	216459164	202459100	209862516	3
Aroclor-1268-3	(3)	178819425	183142883	186168288	189780000	180783000	183738719	2
Aroclor-1268-4	(4)	75061045	78289523	79335110	81472752	72339880	77299662	5
Aroclor-1268-5	(5)	566053014	583421776	581357630	582385348	523227400	567289034	5
Decachlorobiphenyl		2587410300	2669302800	2730759560	2771468760	2713579200	2694504124	3
Tetrachloro-m-xylene		1545188140	1569057653	1601012320	1665571560	1522153200	1580596575	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Date(s) Analyzed:** 10/27/2023 10/27/2023

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.77	4.67	4.87	29703200
		2	4.86	4.76	4.96	22270200
		3	4.94	4.84	5.04	64794200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.94	4.84	5.04	53374800
		2	5.48	5.38	5.58	29585800
		3	5.78	5.68	5.88	49855000
		4	5.94	5.84	6.04	25223800
		5	6.03	5.93	6.13	21595600
Aroclor-1262	500	1	8.00	7.90	8.10	132969000
		2	8.57	8.47	8.67	233718000
		3	8.91	8.81	9.01	158763000
		4	9.00	8.90	9.10	120474000
		5	9.71	9.61	9.81	81305800

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Instrument ID: ECD_P **Date(s) Analyzed:** 10/27/2023 10/27/2023

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.91	3.81	4.01	19554000
		2	4.00	3.90	4.10	14240100
		3	4.07	3.97	4.17	40591000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	33768400
		2	4.81	4.71	4.91	31960400
		3	4.99	4.89	5.09	17632500
		4	5.08	4.98	5.18	15943500
		5	5.25	5.15	5.35	18055600
Aroclor-1262	500	1	6.90	6.80	7.00	45072600
		2	7.11	7.01	7.21	100097000
		3	7.64	7.54	7.74	79584600
		4	7.70	7.60	7.80	144475000
		5	8.20	8.10	8.30	69121800

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 02:53 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.13	6.13	6.03	6.23	0.00
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 02:53 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-2	(2)	4.73	4.73	4.63	4.83	0.00
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.16	5.16	5.06	5.26	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.63	3.63	3.53	3.73	0.00
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099165.D **Time Analyzed:** 02:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.645	5.550	5.750	488.590	500.000	-2.3
Aroclor-1016-2	5.667	5.574	5.774	480.830	500.000	-3.8
Aroclor-1016-3	5.730	5.635	5.835	489.100	500.000	-2.2
Aroclor-1016-4	5.829	5.734	5.934	473.520	500.000	-5.3
Aroclor-1016-5	6.125	6.030	6.230	469.390	500.000	-6.1
Aroclor-1260-1	7.254	7.160	7.360	475.490	500.000	-4.9
Aroclor-1260-2	7.511	7.417	7.617	476.540	500.000	-4.7
Aroclor-1260-3	7.871	7.777	7.977	476.710	500.000	-4.7
Aroclor-1260-4	8.098	8.004	8.204	484.260	500.000	-3.1
Aroclor-1260-5	8.422	8.329	8.529	512.320	500.000	2.5
Decachlorobiphenyl	10.270	10.181	10.381	51.430	50.000	2.9
Tetrachloro-m-xylene	4.471	4.377	4.577	46.280	50.000	-7.4

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099165.D **Time Analyzed:** 02:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.707	4.613	4.813	512.300	500.000	2.5
Aroclor-1016-2	4.726	4.631	4.831	501.110	500.000	0.2
Aroclor-1016-3	4.901	4.807	5.007	505.020	500.000	1.0
Aroclor-1016-4	4.944	4.849	5.049	441.150	500.000	-11.8
Aroclor-1016-5	5.156	5.062	5.262	480.590	500.000	-3.9
Aroclor-1260-1	6.188	6.095	6.295	466.900	500.000	-6.6
Aroclor-1260-2	6.377	6.283	6.483	498.300	500.000	-0.3
Aroclor-1260-3	6.529	6.436	6.636	473.230	500.000	-5.4
Aroclor-1260-4	7.001	6.907	7.107	473.530	500.000	-5.3
Aroclor-1260-5	7.244	7.150	7.350	494.170	500.000	-1.2
Decachlorobiphenyl	8.622	8.530	8.730	46.400	50.000	-7.2
Tetrachloro-m-xylene	3.627	3.531	3.731	47.300	50.000	-5.4

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 08:09 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 08:09 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-2	(2)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.16	5.16	5.06	5.26	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.63	3.63	3.53	3.73	0.00
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099178.D **Time Analyzed:** 08:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.644	5.550	5.750	463.670	500.000	-7.3
Aroclor-1016-2	5.666	5.574	5.774	460.500	500.000	-7.9
Aroclor-1016-3	5.729	5.635	5.835	458.870	500.000	-8.2
Aroclor-1016-4	5.827	5.734	5.934	439.930	500.000	-12.0
Aroclor-1016-5	6.123	6.030	6.230	427.340	500.000	-14.5
Aroclor-1260-1	7.252	7.160	7.360	458.390	500.000	-8.3
Aroclor-1260-2	7.509	7.417	7.617	462.020	500.000	-7.6
Aroclor-1260-3	7.870	7.777	7.977	454.790	500.000	-9.0
Aroclor-1260-4	8.097	8.004	8.204	455.540	500.000	-8.9
Aroclor-1260-5	8.421	8.329	8.529	494.030	500.000	-1.2
Decachlorobiphenyl	10.267	10.181	10.381	51.230	50.000	2.5
Tetrachloro-m-xylene	4.471	4.377	4.577	41.910	50.000	-16.2

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099178.D **Time Analyzed:** 08:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.706	4.613	4.813	494.160	500.000	-1.2
Aroclor-1016-2	4.725	4.631	4.831	490.040	500.000	-2.0
Aroclor-1016-3	4.900	4.807	5.007	488.860	500.000	-2.2
Aroclor-1016-4	4.943	4.849	5.049	415.580	500.000	-16.9
Aroclor-1016-5	5.155	5.062	5.262	476.380	500.000	-4.7
Aroclor-1260-1	6.187	6.095	6.295	435.260	500.000	-12.9
Aroclor-1260-2	6.375	6.283	6.483	498.350	500.000	-0.3
Aroclor-1260-3	6.528	6.436	6.636	445.630	500.000	-10.9
Aroclor-1260-4	7.000	6.907	7.107	450.830	500.000	-9.8
Aroclor-1260-5	7.242	7.150	7.350	476.860	500.000	-4.6
Decachlorobiphenyl	8.621	8.530	8.730	45.620	50.000	-8.8
Tetrachloro-m-xylene	3.626	3.531	3.731	45.170	50.000	-9.7

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 14:16 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 14:16 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-2	(2)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.15	5.16	5.06	5.26	0.01
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.63	3.63	3.53	3.73	0.00
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL03 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099195.D **Time Analyzed:** 14:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.645	5.550	5.750	470.560	500.000	-5.9
Aroclor-1016-2	5.667	5.574	5.774	459.300	500.000	-8.1
Aroclor-1016-3	5.729	5.635	5.835	461.020	500.000	-7.8
Aroclor-1016-4	5.828	5.734	5.934	446.630	500.000	-10.7
Aroclor-1016-5	6.124	6.030	6.230	433.630	500.000	-13.3
Aroclor-1260-1	7.253	7.160	7.360	460.490	500.000	-7.9
Aroclor-1260-2	7.511	7.417	7.617	469.810	500.000	-6.0
Aroclor-1260-3	7.870	7.777	7.977	454.200	500.000	-9.2
Aroclor-1260-4	8.098	8.004	8.204	468.470	500.000	-6.3
Aroclor-1260-5	8.422	8.329	8.529	494.360	500.000	-1.1
Decachlorobiphenyl	10.270	10.181	10.381	50.130	50.000	0.3
Tetrachloro-m-xylene	4.471	4.377	4.577	43.730	50.000	-12.5

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL03 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099195.D **Time Analyzed:** 14:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.706	4.613	4.813	511.280	500.000	2.3
Aroclor-1016-2	4.725	4.631	4.831	501.530	500.000	0.3
Aroclor-1016-3	4.901	4.807	5.007	506.240	500.000	1.2
Aroclor-1016-4	4.943	4.849	5.049	437.170	500.000	-12.6
Aroclor-1016-5	5.154	5.062	5.262	521.100	500.000	4.2
Aroclor-1260-1	6.187	6.095	6.295	508.330	500.000	1.7
Aroclor-1260-2	6.376	6.283	6.483	516.480	500.000	3.3
Aroclor-1260-3	6.528	6.436	6.636	467.810	500.000	-6.4
Aroclor-1260-4	7.001	6.907	7.107	471.790	500.000	-5.6
Aroclor-1260-5	7.243	7.150	7.350	488.410	500.000	-2.3
Decachlorobiphenyl	8.621	8.530	8.730	46.310	50.000	-7.4
Tetrachloro-m-xylene	3.626	3.531	3.731	46.490	50.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 19:31 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 19:31 **Initial Calibration Time(s):** 21:19 04:56

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.71	4.71	4.61	4.81	0.00
Aroclor-1016-2	(2)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.16	5.16	5.06	5.26	0.00
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.63	3.63	3.53	3.73	0.00
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL04 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099210.D **Time Analyzed:** 19:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.645	5.550	5.750	453.020	500.000	-9.4
Aroclor-1016-2	5.667	5.574	5.774	442.750	500.000	-11.5
Aroclor-1016-3	5.729	5.635	5.835	446.400	500.000	-10.7
Aroclor-1016-4	5.828	5.734	5.934	435.040	500.000	-13.0
Aroclor-1016-5	6.124	6.030	6.230	414.290	500.000	-17.1
Aroclor-1260-1	7.253	7.160	7.360	441.430	500.000	-11.7
Aroclor-1260-2	7.510	7.417	7.617	454.100	500.000	-9.2
Aroclor-1260-3	7.871	7.777	7.977	440.480	500.000	-11.9
Aroclor-1260-4	8.097	8.004	8.204	448.130	500.000	-10.4
Aroclor-1260-5	8.422	8.329	8.529	495.380	500.000	-0.9
Decachlorobiphenyl	10.269	10.181	10.381	51.010	50.000	2.0
Tetrachloro-m-xylene	4.471	4.377	4.577	41.480	50.000	-17.0

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL04 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099210.D **Time Analyzed:** 19:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.706	4.613	4.813	517.600	500.000	3.5
Aroclor-1016-2	4.725	4.631	4.831	508.100	500.000	1.6
Aroclor-1016-3	4.901	4.807	5.007	508.330	500.000	1.7
Aroclor-1016-4	4.944	4.849	5.049	435.000	500.000	-13.0
Aroclor-1016-5	5.156	5.062	5.262	491.290	500.000	-1.7
Aroclor-1260-1	6.187	6.095	6.295	503.170	500.000	0.6
Aroclor-1260-2	6.376	6.283	6.483	494.260	500.000	-1.1
Aroclor-1260-3	6.529	6.436	6.636	449.250	500.000	-10.2
Aroclor-1260-4	7.001	6.907	7.107	451.260	500.000	-9.7
Aroclor-1260-5	7.243	7.150	7.350	465.030	500.000	-7.0
Decachlorobiphenyl	8.622	8.530	8.730	44.070	50.000	-11.9
Tetrachloro-m-xylene	3.626	3.531	3.731	48.390	50.000	-3.2

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 00:05 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-2	(2)	5.78	5.78	5.68	5.88	0.00
Aroclor-1016-3	(3)	5.84	5.84	5.74	5.94	0.00
Aroclor-1016-4	(4)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.39	7.38	7.28	7.48	-0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.58	8.58	8.48	8.68	0.00
Tetrachloro-m-xylene		4.56	4.56	4.46	4.66	0.00
Decachlorobiphenyl		10.54	10.54	10.44	10.64	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 00:05 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-2	(2)	4.82	4.81	4.71	4.91	-0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.04	5.03	4.93	5.13	-0.01
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.00
Aroclor-1260-1	(1)	6.30	6.29	6.19	6.39	-0.01
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.64	6.64	6.54	6.74	0.00
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.36	7.35	7.25	7.45	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.77	8.76	8.66	8.86	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061362.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.756	5.652	5.852	551.100	500.000	10.2
Aroclor-1016-2	5.779	5.676	5.876	548.360	500.000	9.7
Aroclor-1016-3	5.842	5.739	5.939	544.210	500.000	8.8
Aroclor-1016-4	5.943	5.839	6.039	544.700	500.000	8.9
Aroclor-1016-5	6.243	6.139	6.339	549.650	500.000	9.9
Aroclor-1260-1	7.385	7.282	7.482	537.680	500.000	7.5
Aroclor-1260-2	7.644	7.541	7.741	517.520	500.000	3.5
Aroclor-1260-3	8.008	7.905	8.105	521.830	500.000	4.4
Aroclor-1260-4	8.242	8.139	8.339	528.270	500.000	5.7
Aroclor-1260-5	8.580	8.477	8.677	526.880	500.000	5.4
Decachlorobiphenyl	10.542	10.436	10.636	52.350	50.000	4.7
Tetrachloro-m-xylene	4.562	4.459	4.659	55.190	50.000	10.4

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061362.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.796	4.694	4.894	542.710	500.000	8.5
Aroclor-1016-2	4.815	4.712	4.912	548.000	500.000	9.6
Aroclor-1016-3	4.993	4.890	5.090	549.750	500.000	10.0
Aroclor-1016-4	5.036	4.933	5.133	520.170	500.000	4.0
Aroclor-1016-5	5.251	5.148	5.348	578.110	500.000	15.6
Aroclor-1260-1	6.295	6.191	6.391	526.220	500.000	5.2
Aroclor-1260-2	6.484	6.380	6.580	516.790	500.000	3.4
Aroclor-1260-3	6.639	6.535	6.735	529.500	500.000	5.9
Aroclor-1260-4	7.114	7.011	7.211	515.820	500.000	3.2
Aroclor-1260-5	7.357	7.253	7.453	512.040	500.000	2.4
Decachlorobiphenyl	8.768	8.664	8.864	50.220	50.000	0.4
Tetrachloro-m-xylene	3.695	3.594	3.794	55.430	50.000	10.9

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 05:03 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-2	(2)	5.78	5.78	5.68	5.88	0.00
Aroclor-1016-3	(3)	5.84	5.84	5.74	5.94	0.00
Aroclor-1016-4	(4)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-5	(5)	6.25	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.39	7.38	7.28	7.48	-0.01
Aroclor-1260-2	(2)	7.65	7.64	7.54	7.74	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.58	8.58	8.48	8.68	0.00
Tetrachloro-m-xylene		4.56	4.56	4.46	4.66	0.00
Decachlorobiphenyl		10.54	10.54	10.44	10.64	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 05:03 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1 (1)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-2 (2)	4.82	4.81	4.71	4.91	-0.01
Aroclor-1016-3 (3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4 (4)	5.04	5.03	4.93	5.13	-0.01
Aroclor-1016-5 (5)	5.25	5.25	5.15	5.35	0.00
Aroclor-1260-1 (1)	6.30	6.29	6.19	6.39	-0.01
Aroclor-1260-2 (2)	6.49	6.48	6.38	6.58	-0.01
Aroclor-1260-3 (3)	6.64	6.64	6.54	6.74	0.00
Aroclor-1260-4 (4)	7.12	7.11	7.01	7.21	-0.01
Aroclor-1260-5 (5)	7.36	7.35	7.25	7.45	-0.01
Tetrachloro-m-xylene	3.70	3.69	3.59	3.79	-0.01
Decachlorobiphenyl	8.77	8.76	8.66	8.86	-0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061377.D **Time Analyzed:** 05:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.758	5.652	5.852	535.230	500.000	7.0
Aroclor-1016-2	5.781	5.676	5.876	534.410	500.000	6.9
Aroclor-1016-3	5.844	5.739	5.939	533.050	500.000	6.6
Aroclor-1016-4	5.945	5.839	6.039	543.970	500.000	8.8
Aroclor-1016-5	6.245	6.139	6.339	580.390	500.000	16.1
Aroclor-1260-1	7.387	7.282	7.482	536.580	500.000	7.3
Aroclor-1260-2	7.647	7.541	7.741	512.150	500.000	2.4
Aroclor-1260-3	8.010	7.905	8.105	513.550	500.000	2.7
Aroclor-1260-4	8.244	8.139	8.339	515.720	500.000	3.1
Aroclor-1260-5	8.582	8.477	8.677	516.580	500.000	3.3
Decachlorobiphenyl	10.544	10.436	10.636	51.610	50.000	3.2
Tetrachloro-m-xylene	4.564	4.459	4.659	58.000	50.000	16.0

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061377.D **Time Analyzed:** 05:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.797	4.694	4.894	549.390	500.000	9.9
Aroclor-1016-2	4.817	4.712	4.912	553.660	500.000	10.7
Aroclor-1016-3	4.994	4.890	5.090	556.420	500.000	11.3
Aroclor-1016-4	5.038	4.933	5.133	528.090	500.000	5.6
Aroclor-1016-5	5.252	5.148	5.348	542.650	500.000	8.5
Aroclor-1260-1	6.296	6.191	6.391	528.790	500.000	5.8
Aroclor-1260-2	6.485	6.380	6.580	518.090	500.000	3.6
Aroclor-1260-3	6.640	6.535	6.735	531.160	500.000	6.2
Aroclor-1260-4	7.116	7.011	7.211	519.380	500.000	3.9
Aroclor-1260-5	7.359	7.253	7.453	515.560	500.000	3.1
Decachlorobiphenyl	8.769	8.664	8.864	50.400	50.000	0.8
Tetrachloro-m-xylene	3.696	3.594	3.794	56.980	50.000	14.0

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 11:48 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.77	5.75	5.65	5.85	-0.02
Aroclor-1016-2	(2)	5.79	5.78	5.68	5.88	-0.01
Aroclor-1016-3	(3)	5.85	5.84	5.74	5.94	-0.01
Aroclor-1016-4	(4)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-5	(5)	6.25	6.24	6.14	6.34	-0.01
Aroclor-1260-1	(1)	7.40	7.38	7.28	7.48	-0.01
Aroclor-1260-2	(2)	7.65	7.64	7.54	7.74	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.25	8.24	8.14	8.34	-0.01
Aroclor-1260-5	(5)	8.59	8.58	8.48	8.68	-0.01
Tetrachloro-m-xylene		4.57	4.56	4.46	4.66	-0.01
Decachlorobiphenyl		10.56	10.54	10.44	10.64	-0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

Continuing Calib Date: 10/31/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 11:48 **Initial Calibration Time(s):** 11:03 18:24

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-2	(2)	4.82	4.81	4.71	4.91	-0.01
Aroclor-1016-3	(3)	5.00	4.99	4.89	5.09	-0.01
Aroclor-1016-4	(4)	5.04	5.03	4.93	5.13	-0.01
Aroclor-1016-5	(5)	5.26	5.25	5.15	5.35	-0.01
Aroclor-1260-1	(1)	6.30	6.29	6.19	6.39	-0.01
Aroclor-1260-2	(2)	6.49	6.48	6.38	6.58	-0.01
Aroclor-1260-3	(3)	6.64	6.64	6.54	6.74	0.00
Aroclor-1260-4	(4)	7.12	7.11	7.01	7.21	-0.01
Aroclor-1260-5	(5)	7.36	7.35	7.25	7.45	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	-0.01
Decachlorobiphenyl		8.78	8.76	8.66	8.86	-0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL07 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061392.D **Time Analyzed:** 11:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.766	5.652	5.852	449.360	500.000	-10.1
Aroclor-1016-2	5.788	5.676	5.876	434.200	500.000	-13.2
Aroclor-1016-3	5.851	5.739	5.939	445.370	500.000	-10.9
Aroclor-1016-4	5.953	5.839	6.039	437.160	500.000	-12.6
Aroclor-1016-5	6.253	6.139	6.339	453.540	500.000	-9.3
Aroclor-1260-1	7.395	7.282	7.482	529.370	500.000	5.9
Aroclor-1260-2	7.654	7.541	7.741	466.000	500.000	-6.8
Aroclor-1260-3	8.018	7.905	8.105	427.550	500.000	-14.5
Aroclor-1260-4	8.252	8.139	8.339	427.500	500.000	-14.5
Aroclor-1260-5	8.593	8.477	8.677	424.980	500.000	-15.0
Decachlorobiphenyl	10.561	10.436	10.636	45.540	50.000	-8.9
Tetrachloro-m-xylene	4.571	4.459	4.659	57.330	50.000	14.7

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: LANG01

Lab Code: CHEM **Case No.:** O5126 **SAS No.:** O5126 **SDG NO.:** O5126

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL07 **Date Analyzed:** 10/31/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061392.D **Time Analyzed:** 11:48

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.801	4.694	4.894	536.360	500.000	7.3
Aroclor-1016-2	4.820	4.712	4.912	541.070	500.000	8.2
Aroclor-1016-3	4.998	4.890	5.090	545.190	500.000	9.0
Aroclor-1016-4	5.041	4.933	5.133	514.610	500.000	2.9
Aroclor-1016-5	5.257	5.148	5.348	525.070	500.000	5.0
Aroclor-1260-1	6.300	6.191	6.391	468.350	500.000	-6.3
Aroclor-1260-2	6.490	6.380	6.580	446.480	500.000	-10.7
Aroclor-1260-3	6.644	6.535	6.735	456.090	500.000	-8.8
Aroclor-1260-4	7.120	7.011	7.211	434.930	500.000	-13.0
Aroclor-1260-5	7.363	7.253	7.453	421.900	500.000	-15.6
Decachlorobiphenyl	8.777	8.664	8.864	40.580	50.000	-18.8
Tetrachloro-m-xylene	3.700	3.594	3.794	56.410	50.000	12.8

Analytical Sequence

Client: Langan Engineering and Environmental Se **SDG No.:** O5126

Project: Con Edison Non-MGP - 3rd Ave Yard **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/24/2023 10/24/2023

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/24/2023	21:01	PO098875.D	10.28	4.48
AR1660ICC1000	AR1660ICC1000	10/24/2023	21:19	PO098876.D	10.28	4.48
AR1660ICC750	AR1660ICC750	10/24/2023	21:36	PO098877.D	10.28	4.48
AR1660ICC500	AR1660ICC500	10/24/2023	21:53	PO098878.D	10.28	4.48
AR1660ICC250	AR1660ICC250	10/24/2023	22:09	PO098879.D	10.28	4.48
AR1660ICC050	AR1660ICC050	10/24/2023	22:27	PO098880.D	10.28	4.48
AR1221ICC500	AR1221ICC500	10/24/2023	22:43	PO098881.D	10.28	4.48
AR1232ICC500	AR1232ICC500	10/24/2023	23:00	PO098882.D	10.28	4.48
AR1242ICC1000	AR1242ICC1000	10/24/2023	23:17	PO098883.D	10.28	4.48
AR1242ICC750	AR1242ICC750	10/24/2023	23:34	PO098884.D	10.28	4.48
AR1242ICC500	AR1242ICC500	10/24/2023	23:51	PO098885.D	10.28	4.48
AR1242ICC250	AR1242ICC250	10/25/2023	00:08	PO098886.D	10.28	4.48
AR1242ICC050	AR1242ICC050	10/25/2023	00:25	PO098887.D	10.28	4.48
AR1248ICC1000	AR1248ICC1000	10/25/2023	00:42	PO098888.D	10.28	4.48
AR1248ICC750	AR1248ICC750	10/25/2023	00:59	PO098889.D	10.28	4.48
AR1248ICC500	AR1248ICC500	10/25/2023	01:16	PO098890.D	10.28	4.48
AR1248ICC250	AR1248ICC250	10/25/2023	01:33	PO098891.D	10.28	4.48
AR1248ICC050	AR1248ICC050	10/25/2023	01:50	PO098892.D	10.28	4.48
AR1254ICC1000	AR1254ICC1000	10/25/2023	02:07	PO098893.D	10.28	4.48
AR1254ICC750	AR1254ICC750	10/25/2023	02:24	PO098894.D	10.28	4.48
AR1254ICC500	AR1254ICC500	10/25/2023	02:41	PO098895.D	10.28	4.48
AR1254ICC250	AR1254ICC250	10/25/2023	02:58	PO098896.D	10.28	4.48
AR1254ICC050	AR1254ICC050	10/25/2023	03:15	PO098897.D	10.28	4.48
AR1262ICC500	AR1262ICC500	10/25/2023	03:32	PO098898.D	10.28	4.48
AR1268ICC1000	AR1268ICC1000	10/25/2023	03:49	PO098899.D	10.28	4.48
AR1268ICC750	AR1268ICC750	10/25/2023	04:06	PO098900.D	10.28	4.48
AR1268ICC500	AR1268ICC500	10/25/2023	04:22	PO098901.D	10.28	4.48
AR1268ICC250	AR1268ICC250	10/25/2023	04:39	PO098902.D	10.28	4.48
AR1268ICC050	AR1268ICC050	10/25/2023	04:56	PO098903.D	10.28	4.48
AR1660CCC500	AR1660CCC500	10/31/2023	02:53	PO099165.D	10.27	4.47
I.BLK	I.BLK	10/31/2023	04:52	PO099169.D	10.27	4.47
LQ-4	O5126-04	10/31/2023	05:25	PO099171.D	10.27	4.46
LQ-5	O5126-05	10/31/2023	05:42	PO099172.D	10.27	4.47
LQ-7	O5126-07	10/31/2023	05:59	PO099173.D	10.27	4.47
AR1660CCC500	AR1660CCC500	10/31/2023	08:09	PO099178.D	10.27	4.47
I.BLK	I.BLK	10/31/2023	08:26	PO099179.D	10.27	4.47
AR1660CCC500	AR1660CCC500	10/31/2023	14:16	PO099195.D	10.27	4.47
I.BLK	I.BLK	10/31/2023	15:40	PO099199.D	10.27	4.47
PB156754BL	PB156754BL	10/31/2023	15:57	PO099200.D	10.27	4.47
PB156754BS	PB156754BS	10/31/2023	16:14	PO099201.D	10.27	4.47
PSC-124037MS	O5142-01MS	10/31/2023	17:21	PO099205.D	10.27	4.47
PSC-124037MSD	O5142-01MSD	10/31/2023	17:38	PO099206.D	10.27	4.47
AR1660CCC500	AR1660CCC500	10/31/2023	19:31	PO099210.D	10.27	4.47
I.BLK	I.BLK	10/31/2023	20:56	PO099214.D	10.27	4.47
I.BLK	I.BLK	10/27/2023	10:47	PP061281.D	10.54	4.56

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/27/2023	11:03	PP061282.D	10.54	4.56
AR1660ICC750	AR1660ICC750	10/27/2023	11:20	PP061283.D	10.54	4.56
AR1660ICC500	AR1660ICC500	10/27/2023	11:36	PP061284.D	10.54	4.56
AR1660ICC250	AR1660ICC250	10/27/2023	11:52	PP061285.D	10.54	4.56
AR1660ICC050	AR1660ICC050	10/27/2023	12:08	PP061286.D	10.54	4.56
AR1221ICC500	AR1221ICC500	10/27/2023	12:25	PP061287.D	10.53	4.56
AR1232ICC500	AR1232ICC500	10/27/2023	12:41	PP061288.D	10.54	4.56
AR1242ICC1000	AR1242ICC1000	10/27/2023	12:57	PP061289.D	10.55	4.56
AR1242ICC750	AR1242ICC750	10/27/2023	13:13	PP061290.D	10.55	4.56
AR1242ICC500	AR1242ICC500	10/27/2023	13:30	PP061291.D	10.54	4.56
AR1242ICC250	AR1242ICC250	10/27/2023	13:46	PP061292.D	10.54	4.56
AR1242ICC050	AR1242ICC050	10/27/2023	14:02	PP061293.D	10.54	4.56
AR1248ICC1000	AR1248ICC1000	10/27/2023	14:19	PP061294.D	10.53	4.56
AR1248ICC750	AR1248ICC750	10/27/2023	14:35	PP061295.D	10.53	4.56
AR1248ICC500	AR1248ICC500	10/27/2023	14:51	PP061296.D	10.54	4.56
AR1248ICC250	AR1248ICC250	10/27/2023	15:08	PP061297.D	10.54	4.56
AR1248ICC050	AR1248ICC050	10/27/2023	15:24	PP061298.D	10.54	4.56
AR1254ICC1000	AR1254ICC1000	10/27/2023	15:40	PP061299.D	10.53	4.56
AR1254ICC750	AR1254ICC750	10/27/2023	15:57	PP061300.D	10.53	4.56
AR1254ICC500	AR1254ICC500	10/27/2023	16:13	PP061301.D	10.53	4.56
AR1254ICC250	AR1254ICC250	10/27/2023	16:30	PP061302.D	10.53	4.56
AR1254ICC050	AR1254ICC050	10/27/2023	16:46	PP061303.D	10.53	4.56
AR1262ICC500	AR1262ICC500	10/27/2023	17:02	PP061304.D	10.53	4.56
AR1268ICC1000	AR1268ICC1000	10/27/2023	17:19	PP061305.D	10.53	4.56
AR1268ICC750	AR1268ICC750	10/27/2023	17:35	PP061306.D	10.53	4.56
AR1268ICC500	AR1268ICC500	10/27/2023	17:51	PP061307.D	10.53	4.56
AR1268ICC250	AR1268ICC250	10/27/2023	18:08	PP061308.D	10.52	4.56
AR1268ICC050	AR1268ICC050	10/27/2023	18:24	PP061309.D	10.53	4.56
AR1660CCC500	AR1660CCC500	10/31/2023	00:05	PP061362.D	10.54	4.56
I.BLK	I.BLK	10/31/2023	01:27	PP061366.D	10.55	4.56
PB156726BL	PB156726BL	10/31/2023	01:43	PP061367.D	10.54	4.56
PB156726BS	PB156726BS	10/31/2023	01:59	PP061368.D	10.54	4.56
PB156726BSD	PB156726BSD	10/31/2023	02:16	PP061369.D	10.54	4.56
AR1660CCC500	AR1660CCC500	10/31/2023	05:03	PP061377.D	10.54	4.56
I.BLK	I.BLK	10/31/2023	06:25	PP061381.D	10.55	4.56
WT-1	O5126-09	10/31/2023	07:30	PP061385.D	10.55	4.57
AR1660CCC500	AR1660CCC500	10/31/2023	11:48	PP061392.D	10.56	4.57
I.BLK	I.BLK	10/31/2023	12:05	PP061393.D	10.55	4.57

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: Langan Engineering and Environmental Se **SDG No.:** O5126

Project: Con Edison Non-MGP - 3rd Ave Yard **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/24/2023 10/24/2023

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/24/2023	21:01	PO098875.D	8.63	3.63
AR1660ICC1000	AR1660ICC1000	10/24/2023	21:19	PO098876.D	8.63	3.63
AR1660ICC750	AR1660ICC750	10/24/2023	21:36	PO098877.D	8.63	3.63
AR1660ICC500	AR1660ICC500	10/24/2023	21:53	PO098878.D	8.63	3.63
AR1660ICC250	AR1660ICC250	10/24/2023	22:09	PO098879.D	8.63	3.63
AR1660ICC050	AR1660ICC050	10/24/2023	22:27	PO098880.D	8.63	3.63
AR1221ICC500	AR1221ICC500	10/24/2023	22:43	PO098881.D	8.63	3.63
AR1232ICC500	AR1232ICC500	10/24/2023	23:00	PO098882.D	8.63	3.63
AR1242ICC1000	AR1242ICC1000	10/24/2023	23:17	PO098883.D	8.63	3.63
AR1242ICC750	AR1242ICC750	10/24/2023	23:34	PO098884.D	8.63	3.63
AR1242ICC500	AR1242ICC500	10/24/2023	23:51	PO098885.D	8.63	3.63
AR1242ICC250	AR1242ICC250	10/25/2023	00:08	PO098886.D	8.63	3.63
AR1242ICC050	AR1242ICC050	10/25/2023	00:25	PO098887.D	8.63	3.63
AR1248ICC1000	AR1248ICC1000	10/25/2023	00:42	PO098888.D	8.63	3.63
AR1248ICC750	AR1248ICC750	10/25/2023	00:59	PO098889.D	8.63	3.63
AR1248ICC500	AR1248ICC500	10/25/2023	01:16	PO098890.D	8.63	3.63
AR1248ICC250	AR1248ICC250	10/25/2023	01:33	PO098891.D	8.63	3.63
AR1248ICC050	AR1248ICC050	10/25/2023	01:50	PO098892.D	8.63	3.63
AR1254ICC1000	AR1254ICC1000	10/25/2023	02:07	PO098893.D	8.63	3.63
AR1254ICC750	AR1254ICC750	10/25/2023	02:24	PO098894.D	8.63	3.63
AR1254ICC500	AR1254ICC500	10/25/2023	02:41	PO098895.D	8.63	3.63
AR1254ICC250	AR1254ICC250	10/25/2023	02:58	PO098896.D	8.63	3.63
AR1254ICC050	AR1254ICC050	10/25/2023	03:15	PO098897.D	8.63	3.63
AR1262ICC500	AR1262ICC500	10/25/2023	03:32	PO098898.D	8.63	3.63
AR1268ICC1000	AR1268ICC1000	10/25/2023	03:49	PO098899.D	8.63	3.63
AR1268ICC750	AR1268ICC750	10/25/2023	04:06	PO098900.D	8.63	3.63
AR1268ICC500	AR1268ICC500	10/25/2023	04:22	PO098901.D	8.63	3.63
AR1268ICC250	AR1268ICC250	10/25/2023	04:39	PO098902.D	8.63	3.63
AR1268ICC050	AR1268ICC050	10/25/2023	04:56	PO098903.D	8.63	3.63
AR1660CCC500	AR1660CCC500	10/31/2023	02:53	PO099165.D	8.62	3.63
I.BLK	I.BLK	10/31/2023	04:52	PO099169.D	8.64	3.64
LQ-4	O5126-04	10/31/2023	05:25	PO099171.D	8.62	3.63
LQ-5	O5126-05	10/31/2023	05:42	PO099172.D	8.62	3.63
LQ-7	O5126-07	10/31/2023	05:59	PO099173.D	8.62	3.63
AR1660CCC500	AR1660CCC500	10/31/2023	08:09	PO099178.D	8.62	3.63
I.BLK	I.BLK	10/31/2023	08:26	PO099179.D	8.62	3.63
AR1660CCC500	AR1660CCC500	10/31/2023	14:16	PO099195.D	8.62	3.63
I.BLK	I.BLK	10/31/2023	15:40	PO099199.D	8.62	3.63
PB156754BL	PB156754BL	10/31/2023	15:57	PO099200.D	8.62	3.63
PB156754BS	PB156754BS	10/31/2023	16:14	PO099201.D	8.62	3.63
PSC-124037MS	O5142-01MS	10/31/2023	17:21	PO099205.D	8.62	3.63
PSC-124037MSD	O5142-01MSD	10/31/2023	17:38	PO099206.D	8.62	3.63
AR1660CCC500	AR1660CCC500	10/31/2023	19:31	PO099210.D	8.62	3.63
I.BLK	I.BLK	10/31/2023	20:56	PO099214.D	8.62	3.63
I.BLK	I.BLK	10/27/2023	10:47	PP061281.D	8.77	3.70

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/27/2023	11:03	PP061282.D	8.77	3.70
AR1660ICC750	AR1660ICC750	10/27/2023	11:20	PP061283.D	8.77	3.70
AR1660ICC500	AR1660ICC500	10/27/2023	11:36	PP061284.D	8.76	3.69
AR1660ICC250	AR1660ICC250	10/27/2023	11:52	PP061285.D	8.77	3.70
AR1660ICC050	AR1660ICC050	10/27/2023	12:08	PP061286.D	8.77	3.69
AR1221ICC500	AR1221ICC500	10/27/2023	12:25	PP061287.D	8.77	3.69
AR1232ICC500	AR1232ICC500	10/27/2023	12:41	PP061288.D	8.77	3.70
AR1242ICC1000	AR1242ICC1000	10/27/2023	12:57	PP061289.D	8.77	3.70
AR1242ICC750	AR1242ICC750	10/27/2023	13:13	PP061290.D	8.77	3.70
AR1242ICC500	AR1242ICC500	10/27/2023	13:30	PP061291.D	8.77	3.70
AR1242ICC250	AR1242ICC250	10/27/2023	13:46	PP061292.D	8.77	3.69
AR1242ICC050	AR1242ICC050	10/27/2023	14:02	PP061293.D	8.77	3.69
AR1248ICC1000	AR1248ICC1000	10/27/2023	14:19	PP061294.D	8.76	3.69
AR1248ICC750	AR1248ICC750	10/27/2023	14:35	PP061295.D	8.76	3.69
AR1248ICC500	AR1248ICC500	10/27/2023	14:51	PP061296.D	8.76	3.69
AR1248ICC250	AR1248ICC250	10/27/2023	15:08	PP061297.D	8.76	3.69
AR1248ICC050	AR1248ICC050	10/27/2023	15:24	PP061298.D	8.76	3.69
AR1254ICC1000	AR1254ICC1000	10/27/2023	15:40	PP061299.D	8.76	3.69
AR1254ICC750	AR1254ICC750	10/27/2023	15:57	PP061300.D	8.76	3.69
AR1254ICC500	AR1254ICC500	10/27/2023	16:13	PP061301.D	8.76	3.69
AR1254ICC250	AR1254ICC250	10/27/2023	16:30	PP061302.D	8.76	3.69
AR1254ICC050	AR1254ICC050	10/27/2023	16:46	PP061303.D	8.76	3.69
AR1262ICC500	AR1262ICC500	10/27/2023	17:02	PP061304.D	8.76	3.69
AR1268ICC1000	AR1268ICC1000	10/27/2023	17:19	PP061305.D	8.76	3.69
AR1268ICC750	AR1268ICC750	10/27/2023	17:35	PP061306.D	8.76	3.69
AR1268ICC500	AR1268ICC500	10/27/2023	17:51	PP061307.D	8.76	3.69
AR1268ICC250	AR1268ICC250	10/27/2023	18:08	PP061308.D	8.76	3.69
AR1268ICC050	AR1268ICC050	10/27/2023	18:24	PP061309.D	8.76	3.69
AR1660CCC500	AR1660CCC500	10/31/2023	00:05	PP061362.D	8.77	3.70
I.BLK	I.BLK	10/31/2023	01:27	PP061366.D	8.77	3.70
PB156726BL	PB156726BL	10/31/2023	01:43	PP061367.D	8.77	3.70
PB156726BS	PB156726BS	10/31/2023	01:59	PP061368.D	8.77	3.70
PB156726BSD	PB156726BSD	10/31/2023	02:16	PP061369.D	8.77	3.70
AR1660CCC500	AR1660CCC500	10/31/2023	05:03	PP061377.D	8.77	3.70
I.BLK	I.BLK	10/31/2023	06:25	PP061381.D	8.77	3.70
WT-1	O5126-09	10/31/2023	07:30	PP061385.D	8.77	3.70
AR1660CCC500	AR1660CCC500	10/31/2023	11:48	PP061392.D	8.78	3.70
I.BLK	I.BLK	10/31/2023	12:05	PP061393.D	8.78	3.70

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB156754BS

Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: PB156754BS Date(s) Analyzed: 10/31/2023 10/31/2023

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO099201.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.645	5.595	5.695	150		
	2	5.667	5.617	5.717	147		
	3	5.73	5.68	5.78	147		
COLUMN 1	4	5.828	5.778	5.878	143		
	5	6.124	6.074	6.174	139	145	
	1	4.707	4.657	4.757	159		
	2	4.725	4.675	4.775	157		
	3	4.901	4.851	4.951	158		
	4	4.943	4.893	4.993	154		
COLUMN 2	5	5.156	5.106	5.206	152	156	7.31
Aroclor-1260	1	7.253	7.203	7.303	145		
	2	7.51	7.46	7.56	149		
	3	7.871	7.821	7.921	142		
COLUMN 1	4	8.097	8.047	8.147	149		
	5	8.422	8.372	8.472	154	148	
	1	6.188	6.138	6.238	148		
	2	6.376	6.326	6.426	152		
	3	6.529	6.479	6.579	150		
	4	7.001	6.951	7.051	145		
COLUMN 2	5	7.244	7.194	7.294	150	149	0.67

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PSC-124037MS

Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: O5142-01MS Date(s) Analyzed: 10/31/2023 10/31/2023

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PO099205.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.644	5.594	5.694	217		
	2	5.667	5.617	5.717	212		
	3	5.729	5.679	5.779	213		
COLUMN 1	4	5.828	5.778	5.878	210		
	5	6.124	6.074	6.174	203	211	
	1	4.707	4.657	4.757	234		
	2	4.725	4.675	4.775	233		
	3	4.901	4.851	4.951	237		
	4	4.943	4.893	4.993	229		
COLUMN 2	5	5.156	5.106	5.206	225	231	9.05
Aroclor-1260	1	7.253	7.203	7.303	203		
	2	7.51	7.46	7.56	207		
	3	7.871	7.821	7.921	195		
COLUMN 1	4	8.098	8.048	8.148	209		
	5	8.422	8.372	8.472	211	205	
	1	6.187	6.137	6.237	210		
	2	6.376	6.326	6.426	210		
	3	6.529	6.479	6.579	210		
	4	7	6.95	7.05	200		
COLUMN 2	5	7.243	7.193	7.293	206	207	0.97

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PSC-124037MSD

Contract: LANG01
Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126
Lab Sample ID: O5142-01MSD Date(s) Analyzed: 10/31/2023 10/31/2023
Instrument ID (1): ECD_O Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO099206.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.646	5.596	5.696	202		
	2	5.667	5.617	5.717	197		
	3	5.73	5.68	5.78	199		
COLUMN 1	4	5.829	5.779	5.879	197		
	5	6.125	6.075	6.175	191	197	
	1	4.708	4.658	4.758	218		
	2	4.726	4.676	4.776	217		
	3	4.901	4.851	4.951	220		
	4	4.944	4.894	4.994	212		
COLUMN 2	5	5.156	5.106	5.206	210	215	8.74
Aroclor-1260	1	7.255	7.205	7.305	190		
	2	7.512	7.462	7.562	194		
	3	7.873	7.823	7.923	183		
COLUMN 1	4	8.099	8.049	8.149	198		
	5	8.424	8.374	8.474	198	193	
	1	6.189	6.139	6.239	198		
	2	6.378	6.328	6.428	198		
	3	6.53	6.48	6.58	197		
	4	7.002	6.952	7.052	189		
COLUMN 2	5	7.244	7.194	7.294	197	196	1.54

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB156726BS

Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: PB156726BS Date(s) Analyzed: 10/31/2023 10/31/2023

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP061368.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.756	5.706	5.806	4.90		
	2	5.779	5.729	5.829	4.90		
	3	5.842	5.792	5.892	5.06		
COLUMN 1	4	5.943	5.893	5.993	4.92		
	5	6.243	6.193	6.293	5.00	5.00	
	1	4.797	4.747	4.847	4.84		
	2	4.816	4.766	4.866	4.80		
	3	4.994	4.944	5.044	4.82		
	4	5.036	4.986	5.086	4.85		
COLUMN 2	5	5.252	5.202	5.302	4.73	4.80	4.08
Aroclor-1260	1	7.385	7.335	7.435	4.68		
	2	7.644	7.594	7.694	4.64		
	3	8.008	7.958	8.058	4.53		
COLUMN 1	4	8.243	8.193	8.293	4.66		
	5	8.581	8.531	8.631	4.60	4.60	
	1	6.295	6.245	6.345	4.68		
	2	6.484	6.434	6.534	4.58		
	3	6.639	6.589	6.689	4.72		
	4	7.115	7.065	7.165	4.49		
COLUMN 2	5	7.358	7.308	7.408	4.49	4.60	0

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB156726BSD

Contract: LANG01

Lab Code: CHEM Case No.: O5126 SAS No.: O5126 SDG NO.: O5126

Lab Sample ID: PB156726BSD Date(s) Analyzed: 10/31/2023 10/31/2023

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP061369.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.755	5.705	5.805	5.06		
	2	5.779	5.729	5.829	5.10		
	3	5.842	5.792	5.892	5.09		
COLUMN 1	4	5.942	5.892	5.992	5.10		
	5	6.242	6.192	6.292	5.17	5.10	
	1	4.796	4.746	4.846	4.99		
	2	4.815	4.765	4.865	4.96		
	3	4.993	4.943	5.043	4.97		
	4	5.036	4.986	5.086	5.01		
COLUMN 2	5	5.252	5.202	5.302	4.86	5.00	1.98
Aroclor-1260	1	7.385	7.335	7.435	4.81		
	2	7.644	7.594	7.694	4.79		
	3	8.008	7.958	8.058	4.70		
COLUMN 1	4	8.242	8.192	8.292	4.82		
	5	8.58	8.53	8.63	4.76	4.80	
	1	6.294	6.244	6.344	4.83		
	2	6.484	6.434	6.534	4.76		
	3	6.638	6.588	6.688	4.86		
	4	7.114	7.064	7.164	4.64		
COLUMN 2	5	7.357	7.307	7.407	4.64	4.70	2.11

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:25
Operator : YP/AJ
Sample : 05126-04 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LQ-4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:21:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.464	3.630	17710449	694285	8.963m	0.965m#
2)	SA Decachlor...	10.274	8.624	3212129	1204217	2.835	2.244
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

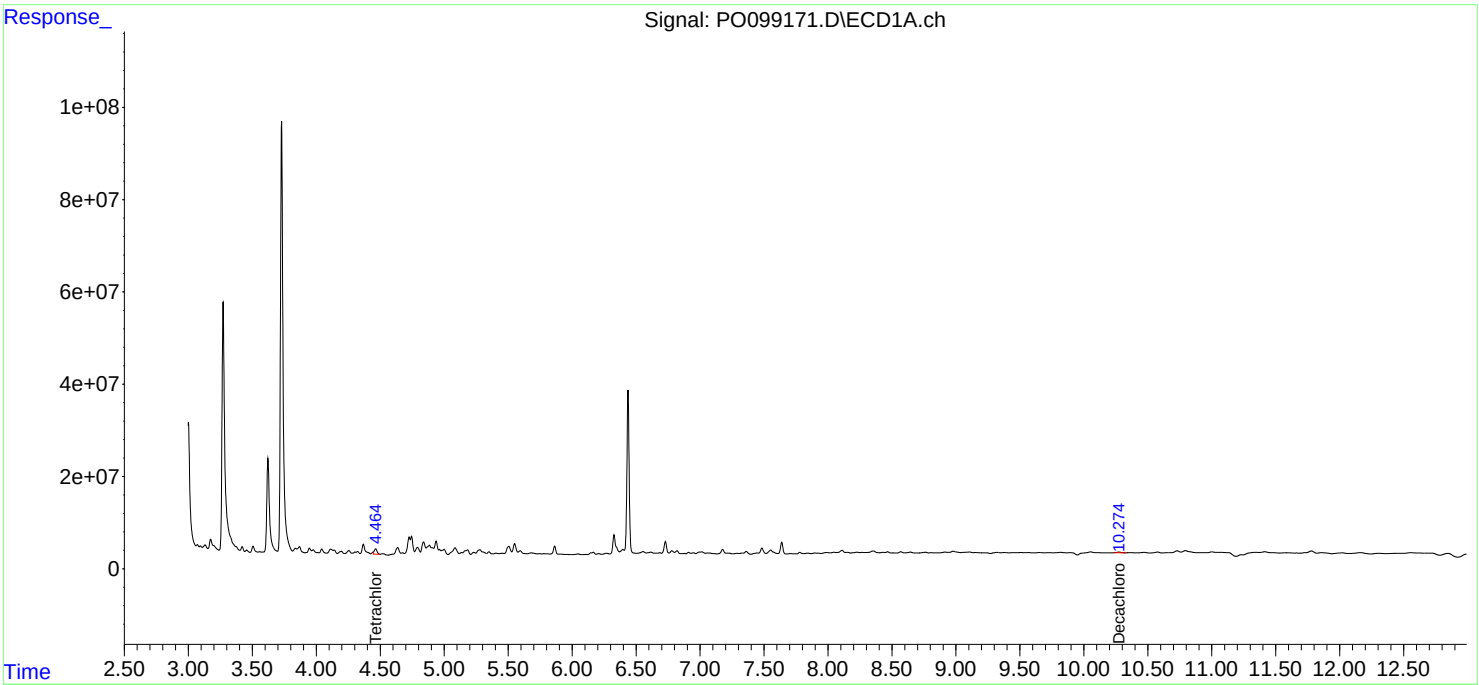
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:25
Operator : YP/AJ
Sample : 05126-04 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

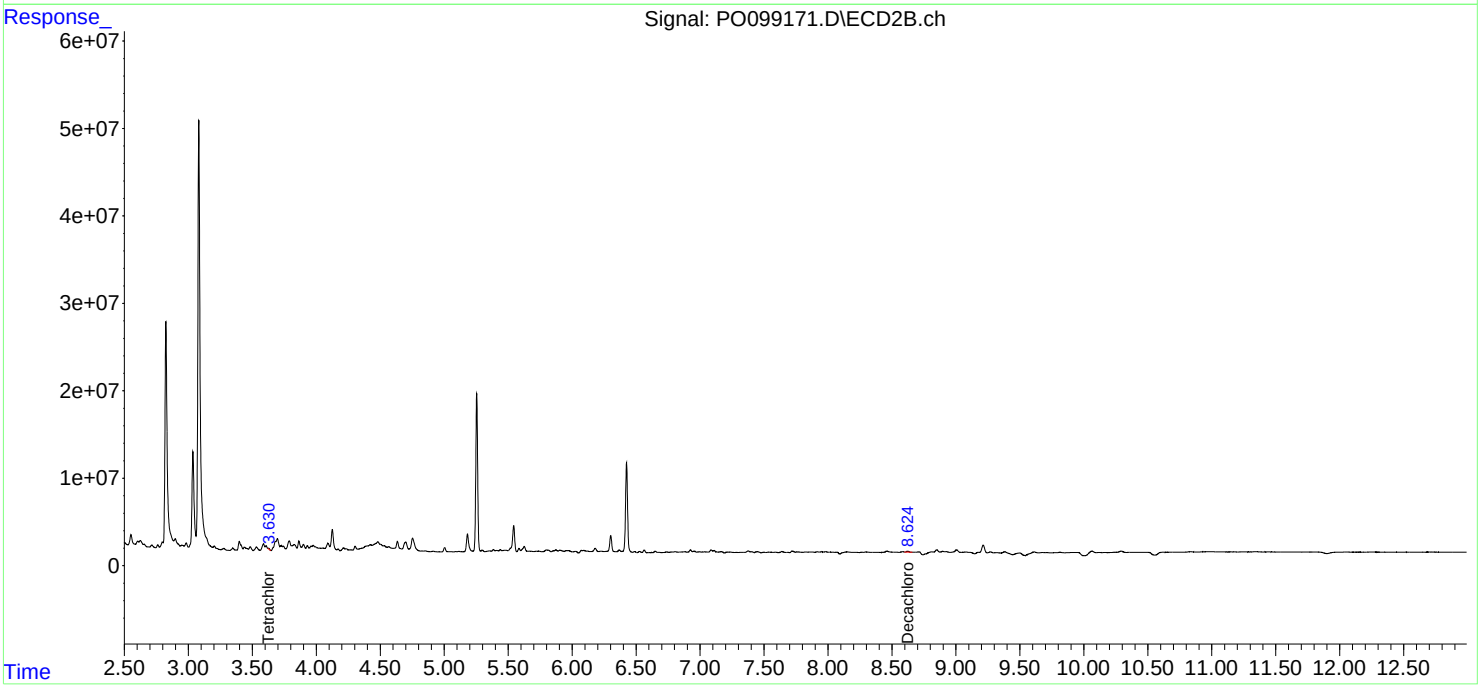
Instrument :
ECD_O
ClientSampleId :
LQ-4

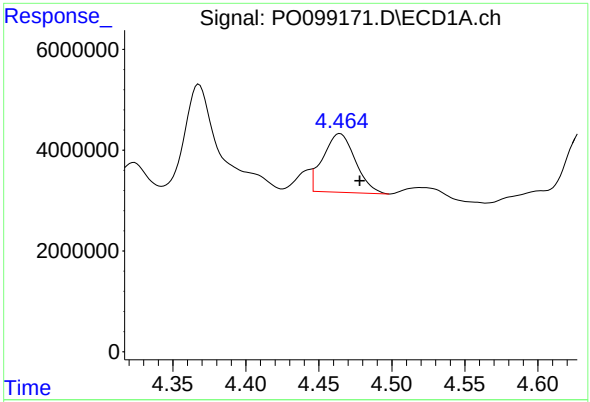
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:21:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







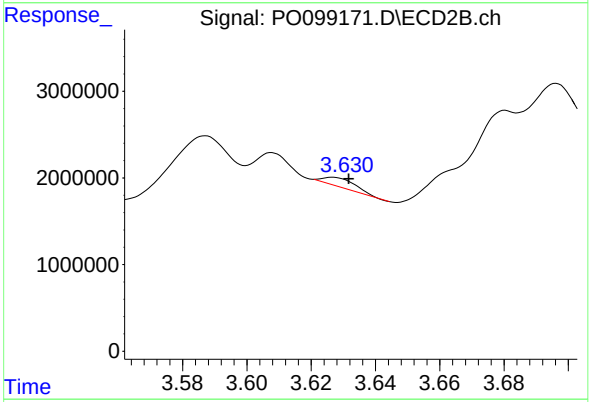
#1 Tetrachloro-m-xylene

R.T.: 4.464 min
Delta R.T.: -0.014 min
Response: 17710449
Conc: 8.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
LQ-4

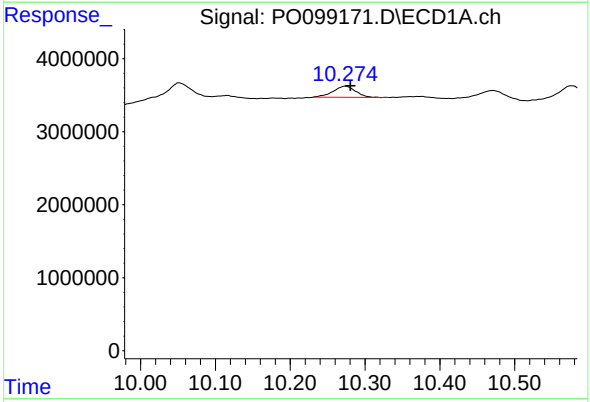
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



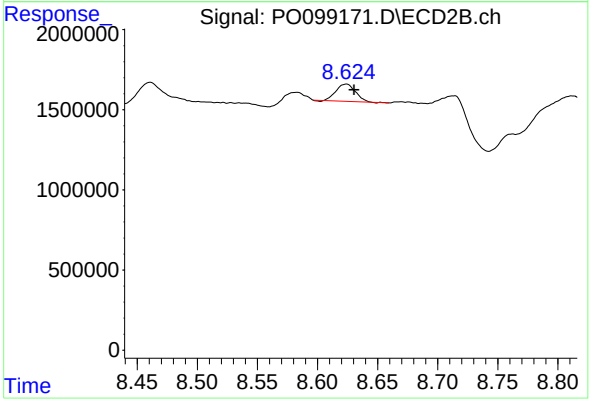
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.001 min
Response: 694285
Conc: 0.96 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: -0.006 min
Response: 3212129
Conc: 2.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.006 min
Response: 1204217
Conc: 2.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:42
Operator : YP/AJ
Sample : 05126-05 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LQ-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:23:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.470	3.626	5394250	1635716	2.730	2.273
2)	SA Decachlor...	10.270	8.624	4126000	1396210	3.642	2.602 #
	Target Compounds						

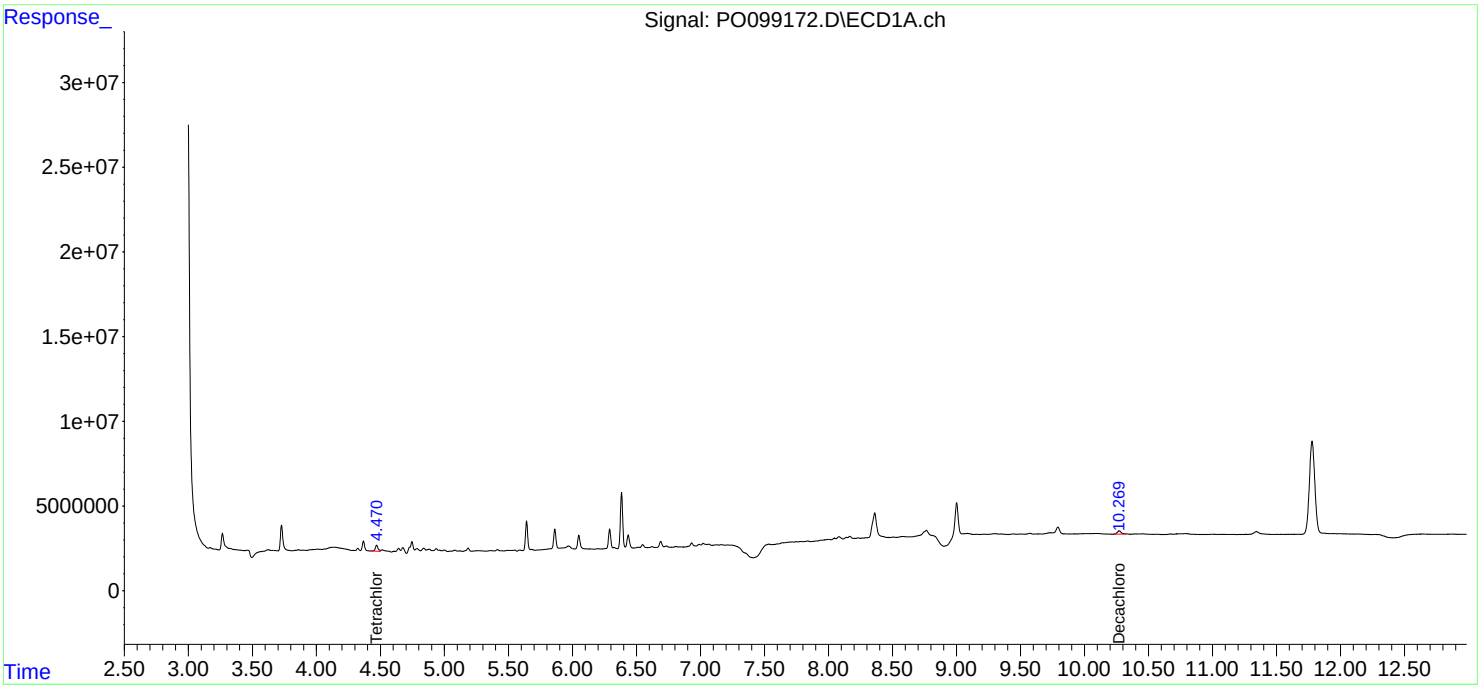
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

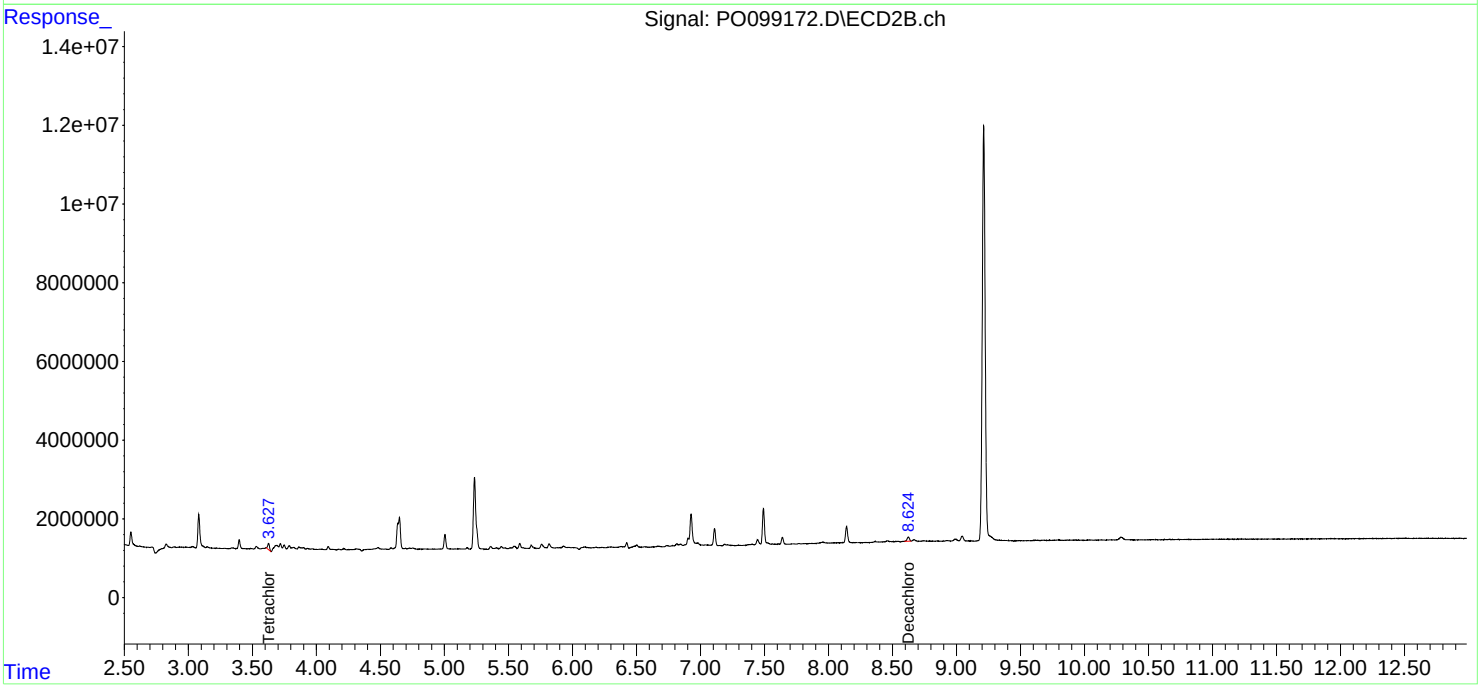
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:42
Operator : YP/AJ
Sample : 05126-05 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

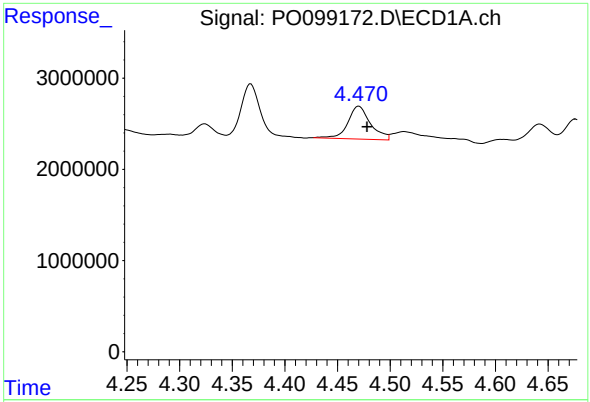
Instrument :
ECD_O
ClientSampleId :
LQ-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:23:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



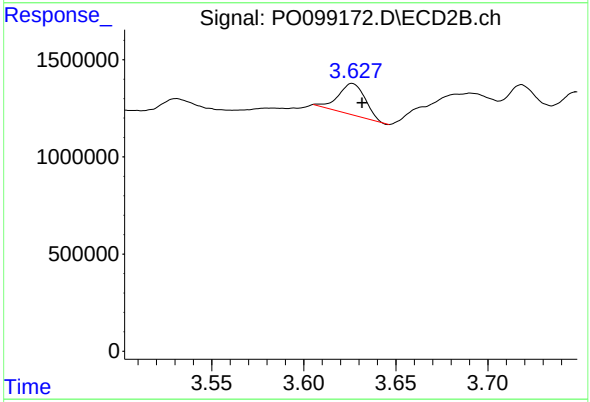




#1 Tetrachloro-m-xylene

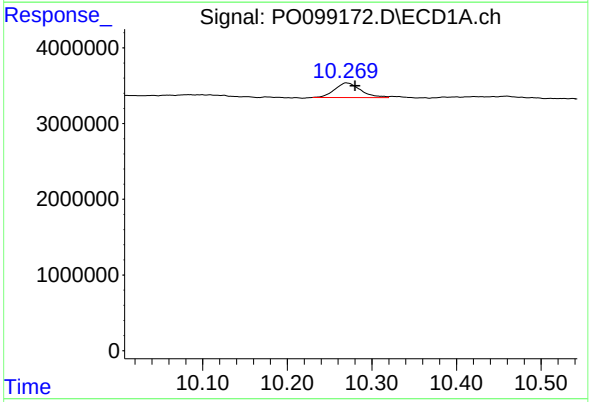
R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 5394250
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
LQ-5



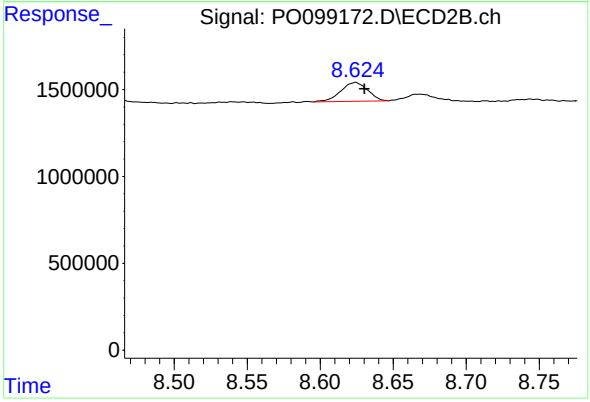
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.005 min
Response: 1635716
Conc: 2.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.010 min
Response: 4126000
Conc: 3.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.624 min
Delta R.T.: -0.006 min
Response: 1396210
Conc: 2.60 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:59
Operator : YP/AJ
Sample : 05126-07 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LQ-7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:25:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.471	3.627	6260476	1852818	3.168	2.575
2)	SA Decachlor...	10.272	8.623	4245011	1493338	3.747	2.783 #
	Target Compounds						

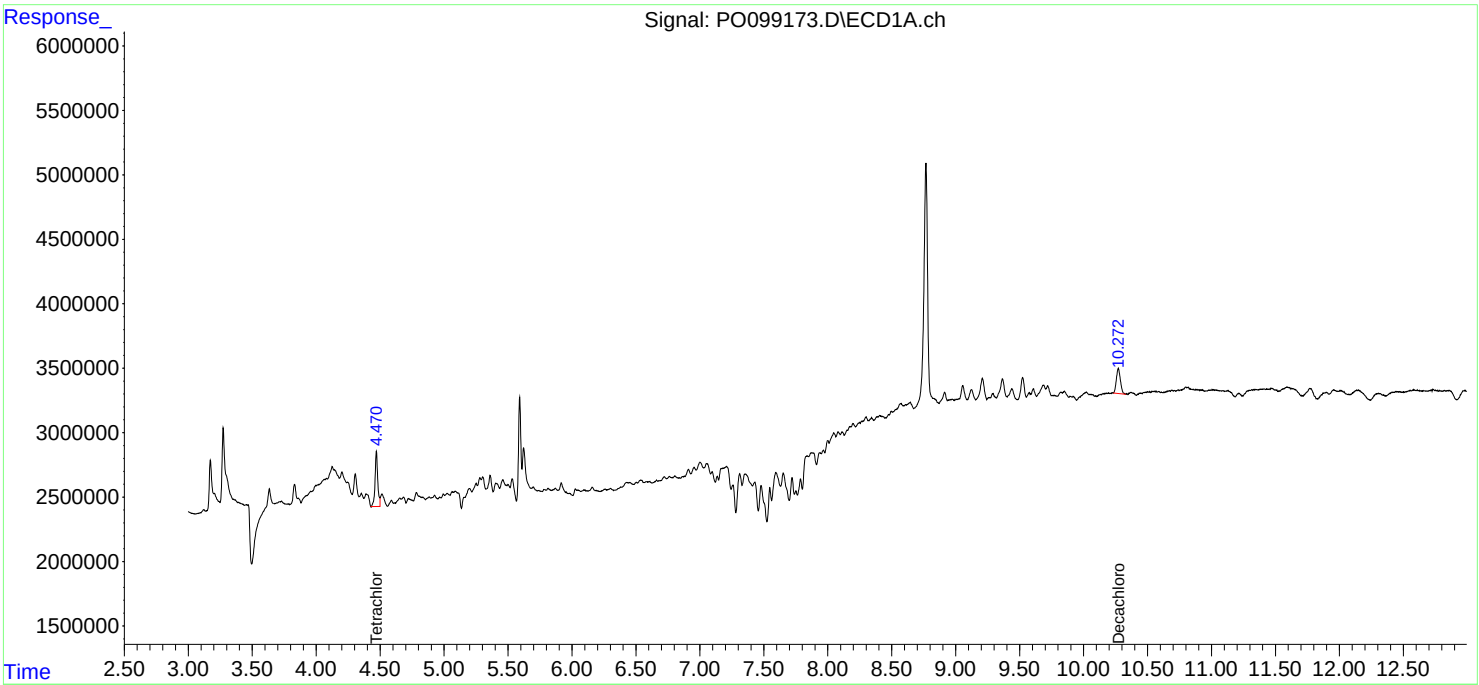
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

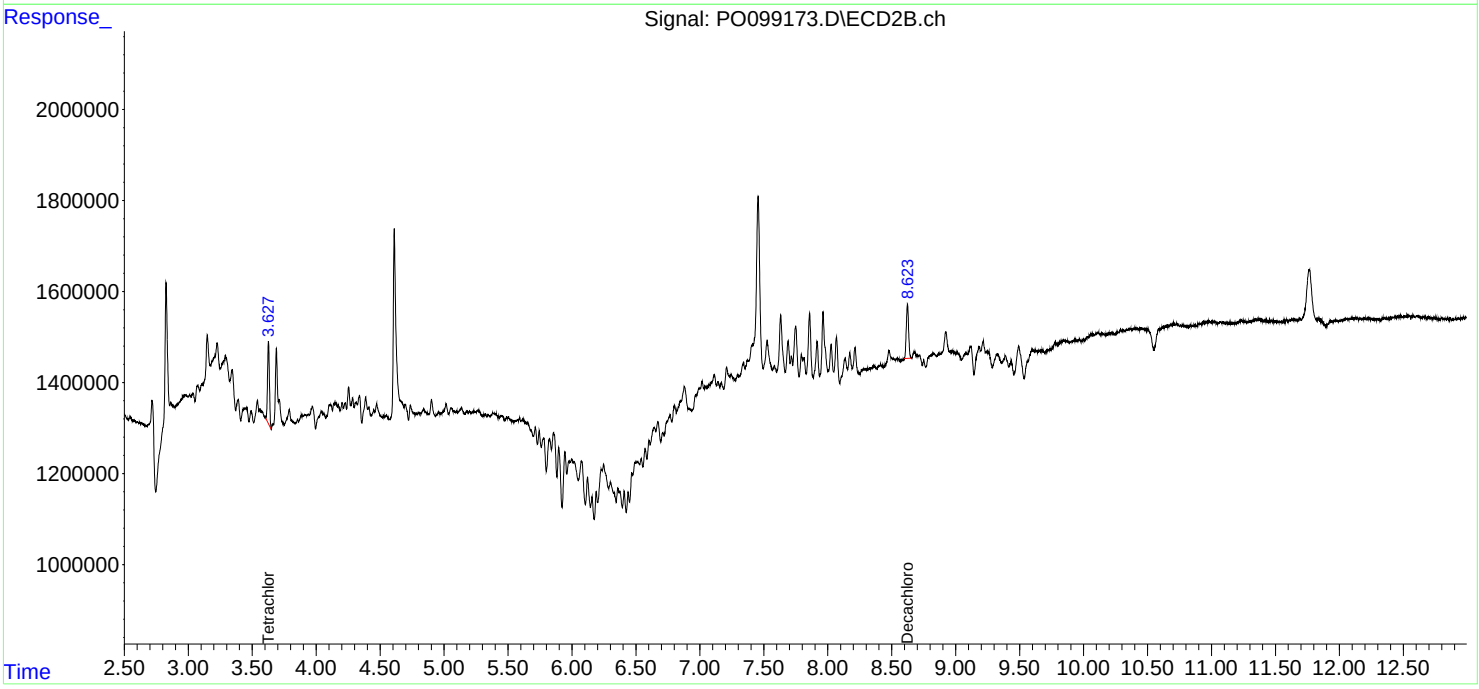
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103023\
Data File : PO099173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 05:59
Operator : YP/AJ
Sample : 05126-07 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

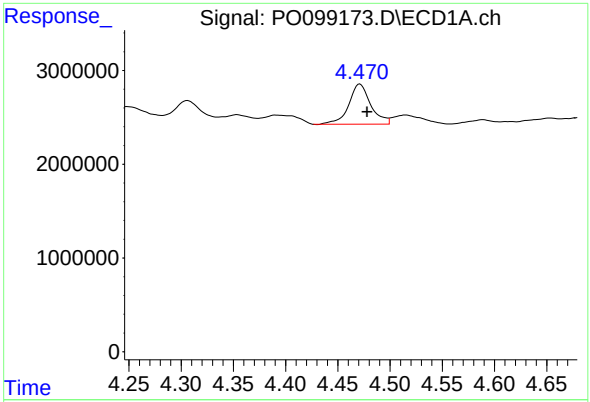
Instrument :
ECD_O
ClientSampleId :
LQ-7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 07:25:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



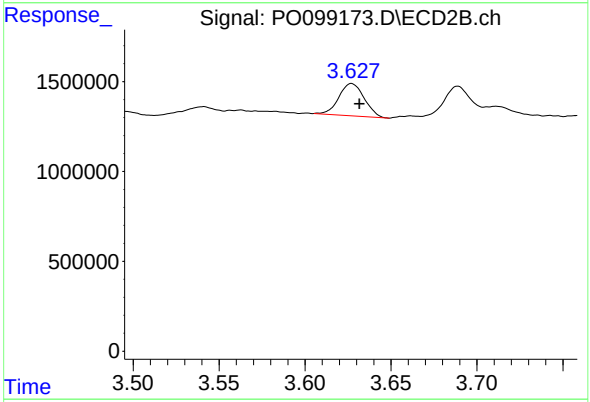




#1 Tetrachloro-m-xylene

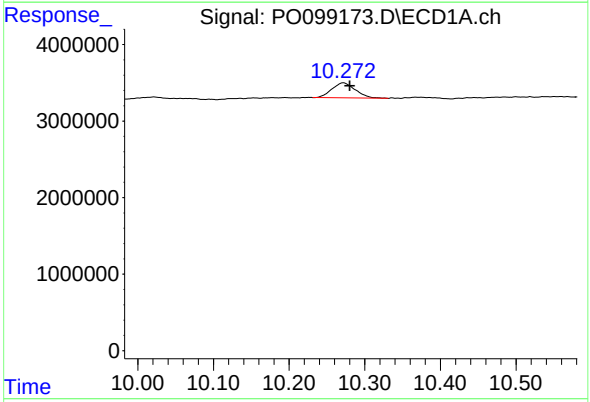
R.T.: 4.471 min
Delta R.T.: -0.007 min
Response: 6260476
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LQ-7



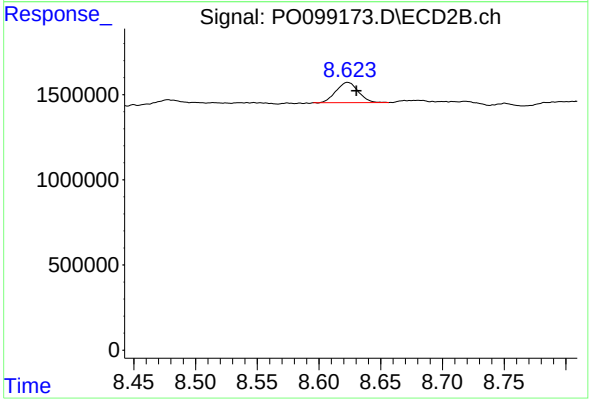
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: -0.005 min
Response: 1852818
Conc: 2.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.008 min
Response: 4245011
Conc: 3.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.007 min
Response: 1493338
Conc: 2.78 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 07:30
Operator : YP\AJ
Sample : 05126-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WT-1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 09:32:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.565	3.701	31139345	29673715	12.606m	19.855 #
2)	SA Decachlor...	10.552	8.774	17511240	12705334	9.286	8.273
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

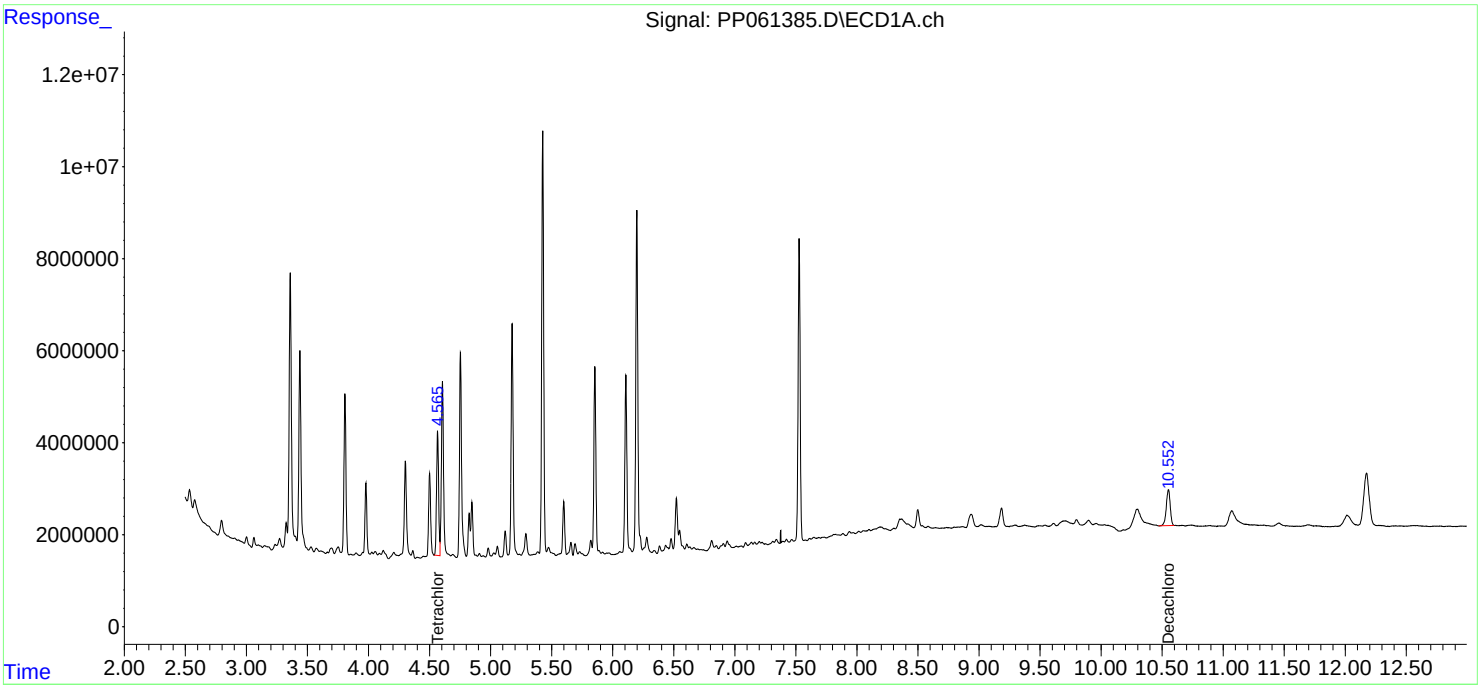
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 07:30
Operator : YP\AJ
Sample : 05126-09
Misc :
ALS Vial : 50 Sample Multiplier: 1

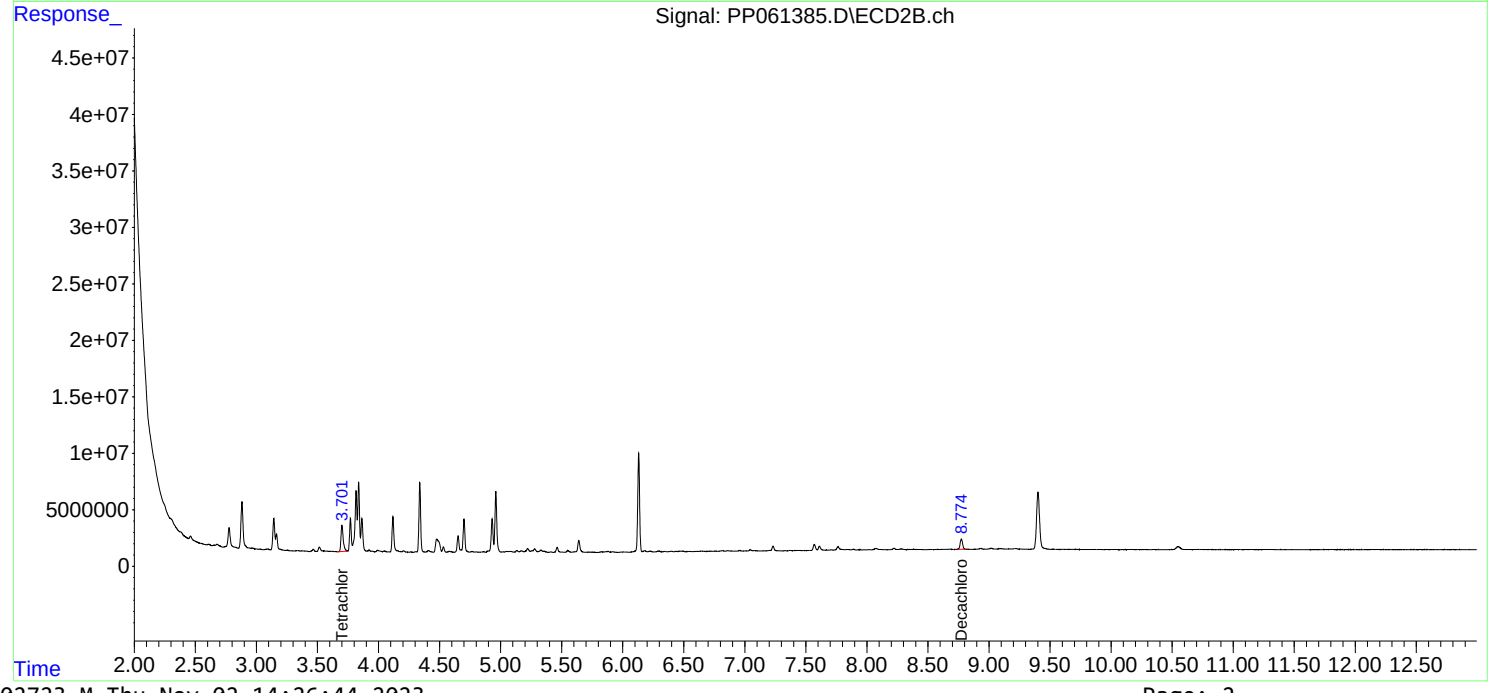
Instrument :
ECD_P
ClientSampleId :
WT-1

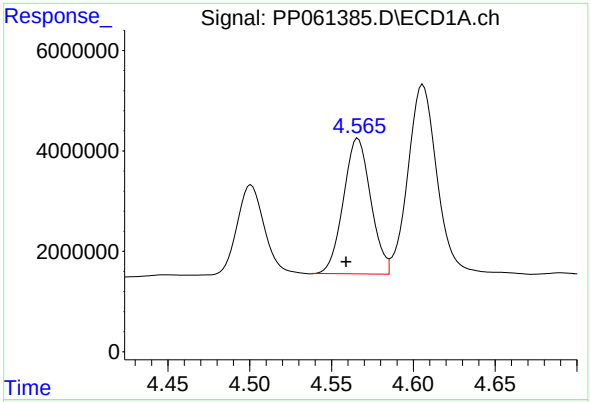
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 09:32:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







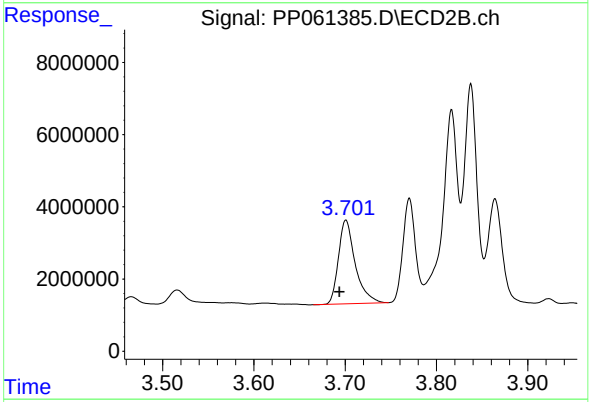
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: 0.006 min
Response: 31139345
Conc: 12.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
WT-1

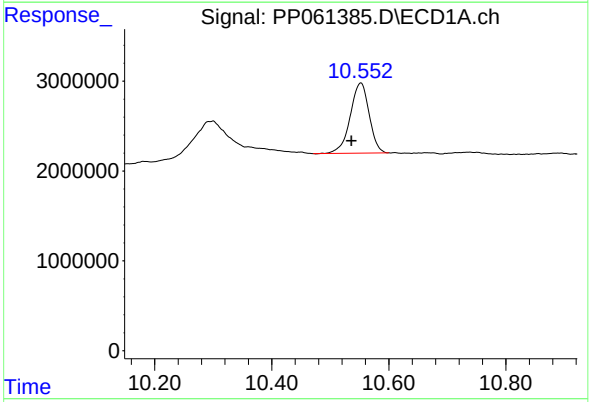
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



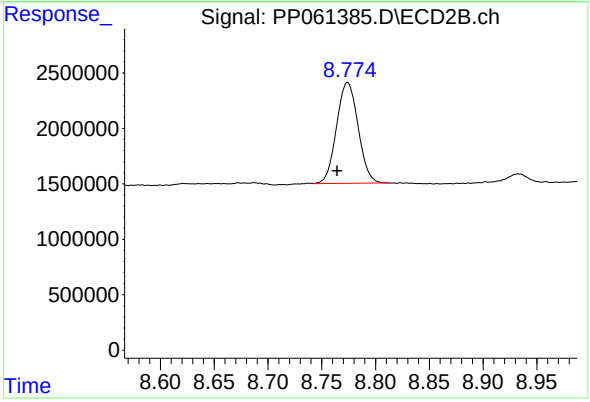
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: 0.007 min
Response: 29673715
Conc: 19.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.552 min
Delta R.T.: 0.016 min
Response: 17511240
Conc: 9.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: 0.010 min
Response: 12705334
Conc: 8.27 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 01:43
Operator : YP\AJ
Sample : PB156726BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156726BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:07:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.563	3.697	53086361	34161985	21.491	22.859
2)	SA Decachlor...	10.544	8.770	41882753	33577926	22.211	21.865
	Target Compounds						

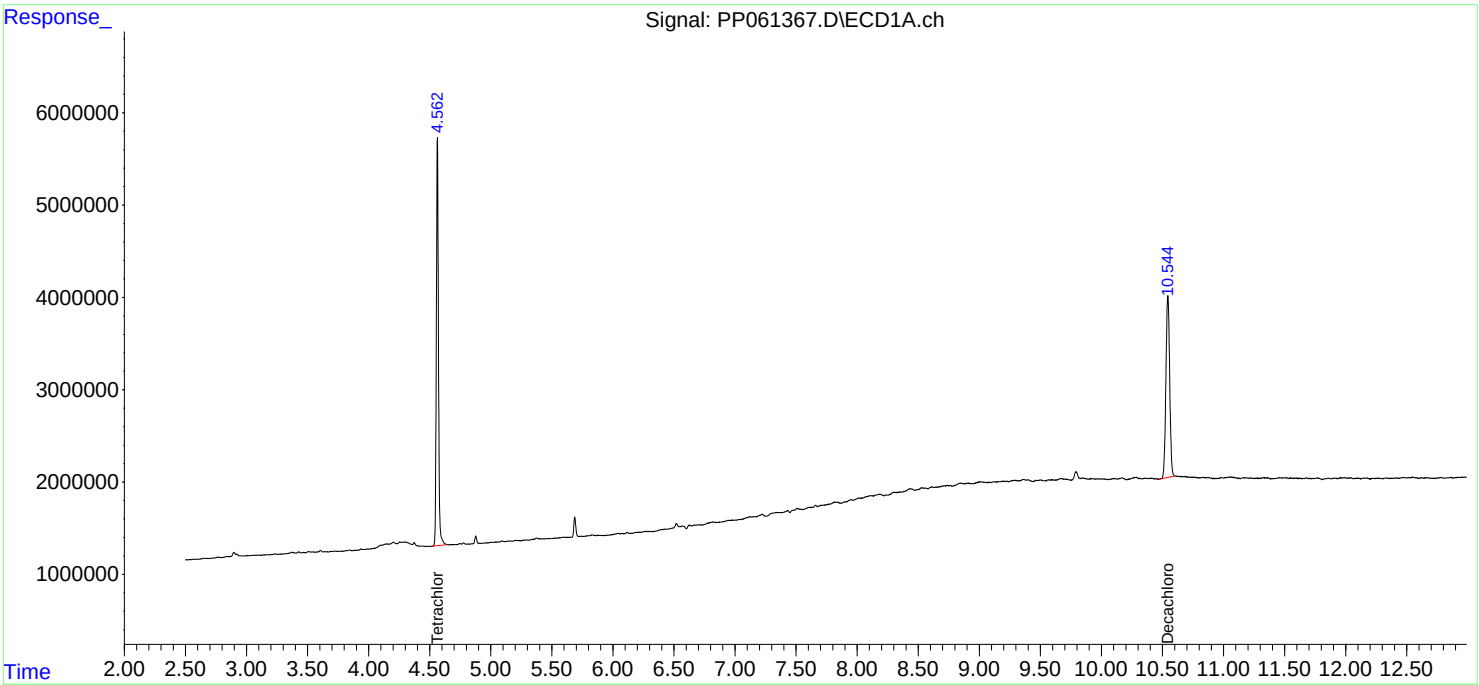
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

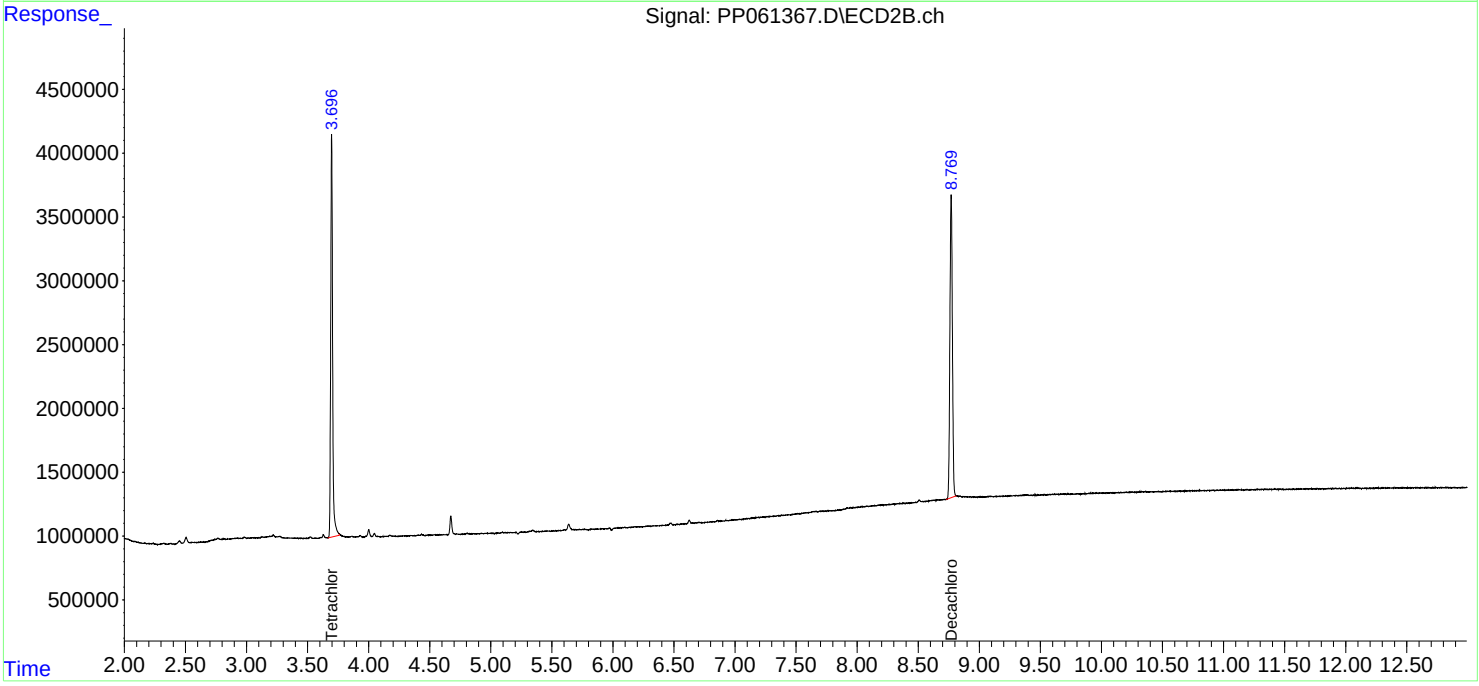
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 01:43
Operator : YP\AJ
Sample : PB156726BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

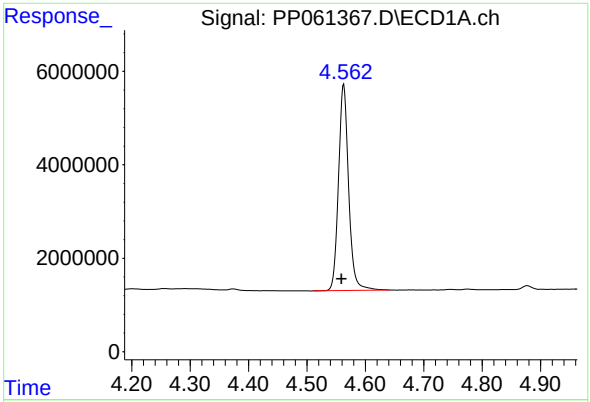
Instrument :
ECD_P
ClientSampleId :
PB156726BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:07:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



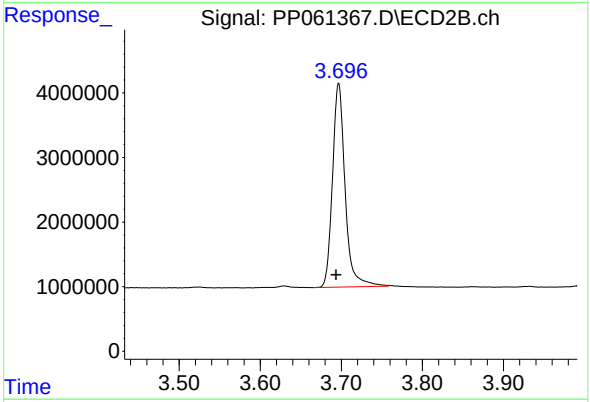




#1 Tetrachloro-m-xylene

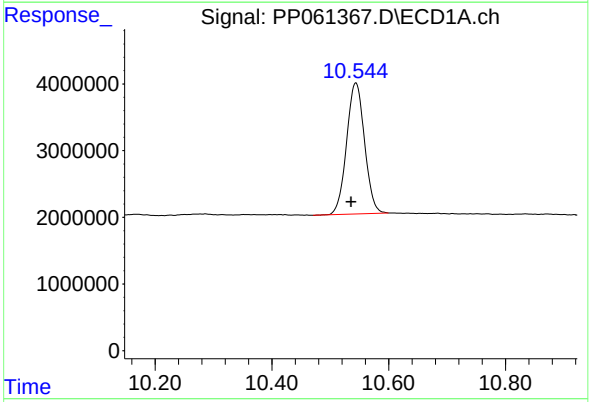
R.T.: 4.563 min
Delta R.T.: 0.004 min
Response: 53086361
Conc: 21.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB156726BL



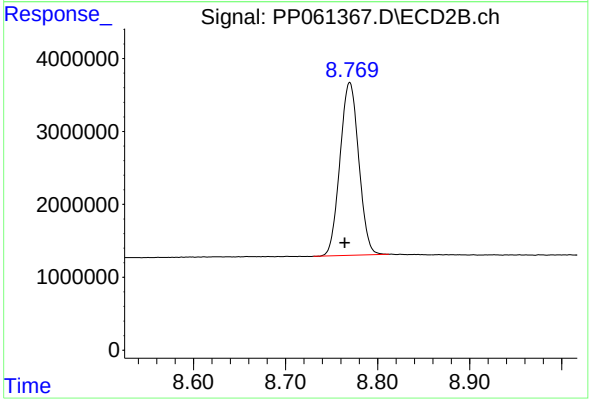
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: 0.003 min
Response: 34161985
Conc: 22.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.544 min
Delta R.T.: 0.008 min
Response: 41882753
Conc: 22.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: 0.006 min
Response: 33577926
Conc: 21.86 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 15:57
Operator : YP/AJ
Sample : PB156754BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB156754BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:30:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.472	3.626	37839355	14415083	19.150	20.030
2)	SA Decachlor...	10.270	8.623	26367335	11925550	23.275	22.227
	Target Compounds						

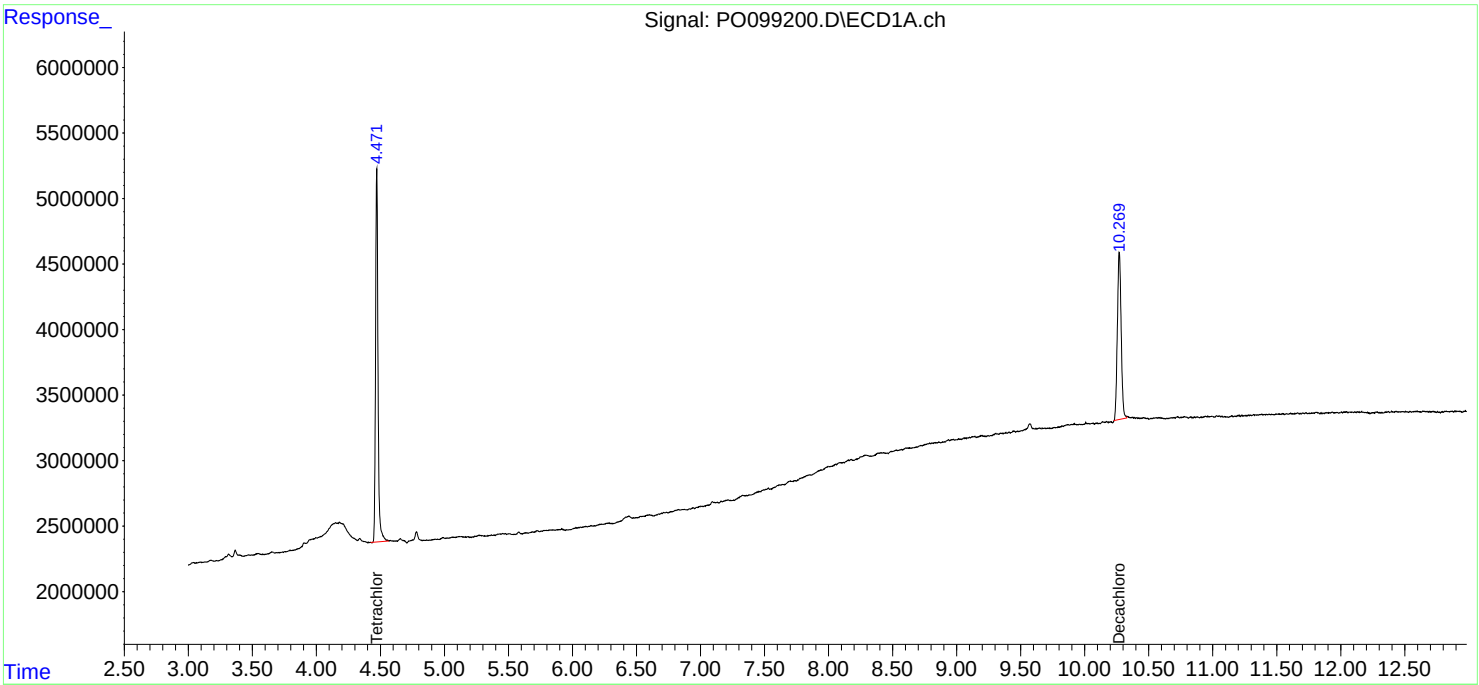
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

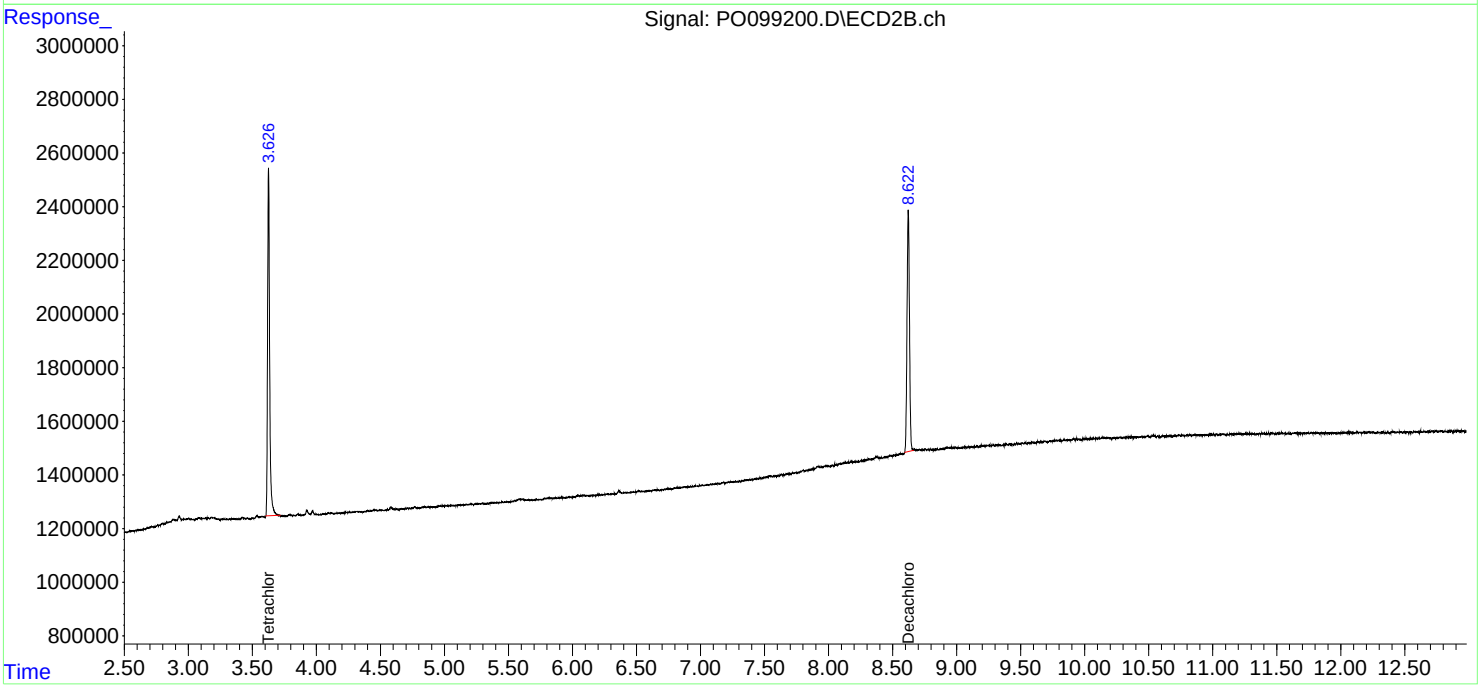
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 15:57
Operator : YP/AJ
Sample : PB156754BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

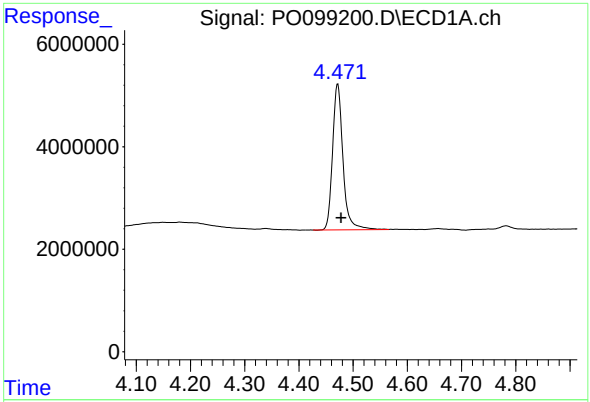
Instrument :
ECD_O
ClientSampleId :
PB156754BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:30:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



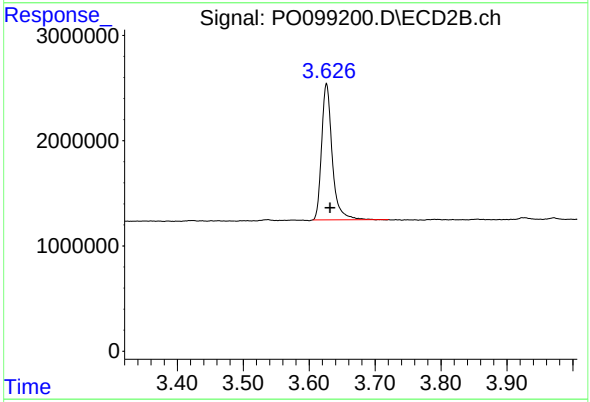




#1 Tetrachloro-m-xylene

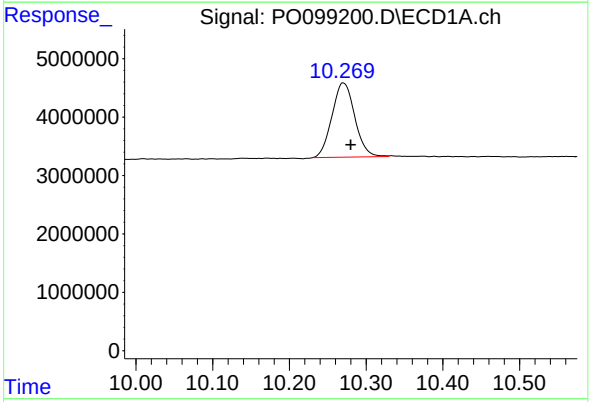
R.T.: 4.472 min
Delta R.T.: -0.006 min
Response: 37839355
Conc: 19.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB156754BL



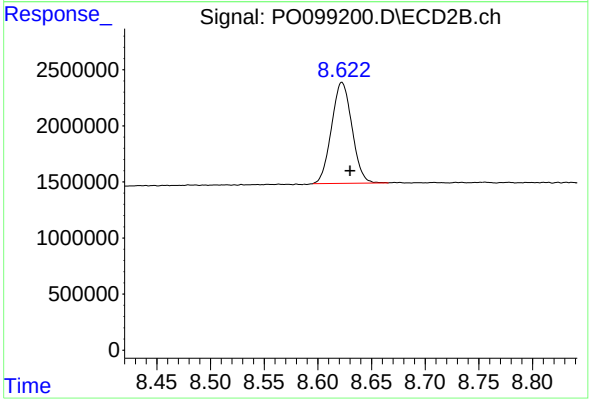
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.005 min
Response: 14415083
Conc: 20.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.010 min
Response: 26367335
Conc: 23.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.623 min
Delta R.T.: -0.008 min
Response: 11925550
Conc: 22.23 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 01:59
Operator : YP\AJ
Sample : PB156726BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156726BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:08:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.562	3.696	54536887	33434278	22.078	22.372m
2)	SA Decachlor...	10.542	8.767	42549932	33991700	22.564	22.134
	Target Compounds						
3)	L1 AR-1016-1	5.756	4.797	39895918	25033444	490.250	483.697
4)	L1 AR-1016-2	5.779	4.816	56961058	33917233	489.834	479.563
5)	L1 AR-1016-3	5.842	4.994	35770157	19018357	505.824	482.067
6)	L1 AR-1016-4	5.943	5.036	28697506	15264692	491.636	485.264
7)	L1 AR-1016-5	6.243	5.252	28709115	19888915	500.075	473.114
31)	L7 AR-1260-1	7.385	6.295	52635803	38091650	467.900	468.162
32)	L7 AR-1260-2	7.644	6.484	60081816	44663267	464.416	457.942
33)	L7 AR-1260-3	8.008	6.639	38504013	43638347	453.358	471.517
34)	L7 AR-1260-4	8.243	7.115	47142799	32910462	466.391	448.835
35)	L7 AR-1260-5	8.581	7.358	89102408	76586350	460.044	448.499

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 01:59
Operator : YP\AJ
Sample : PB156726BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

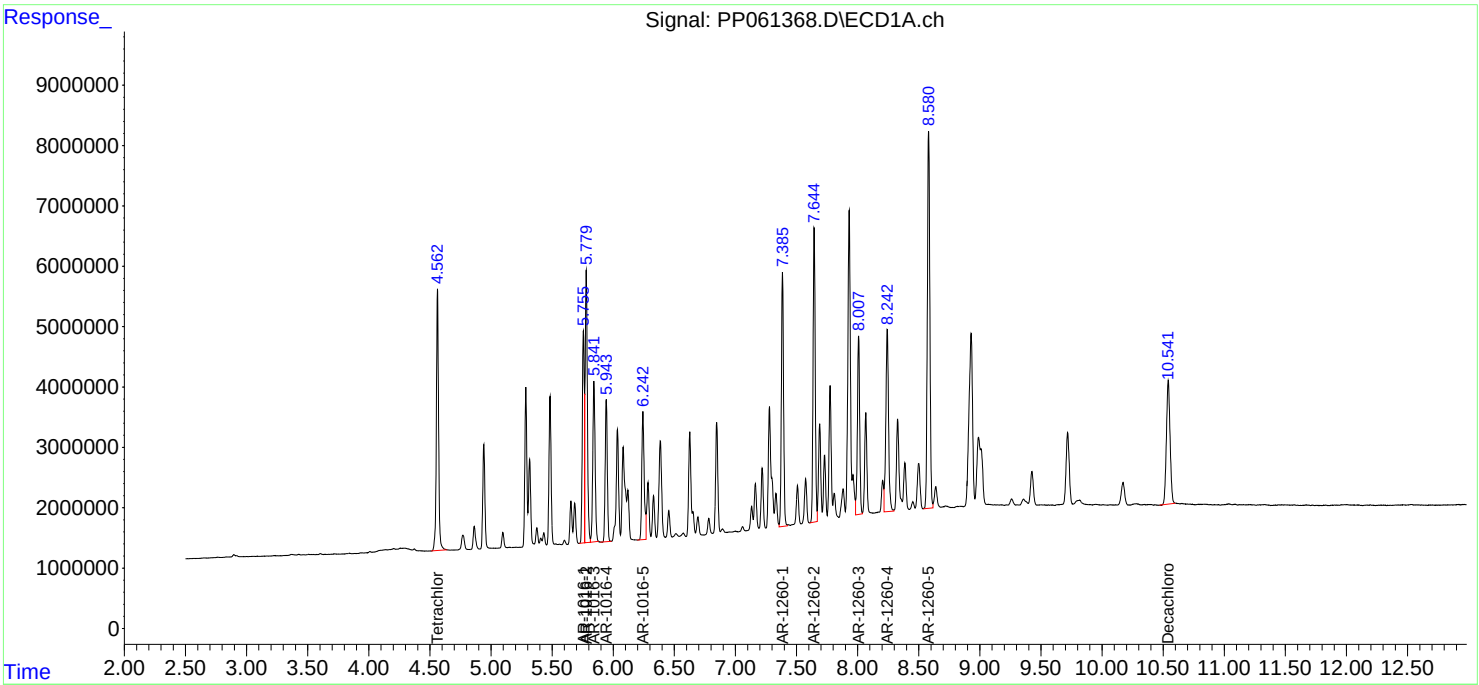
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:08:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

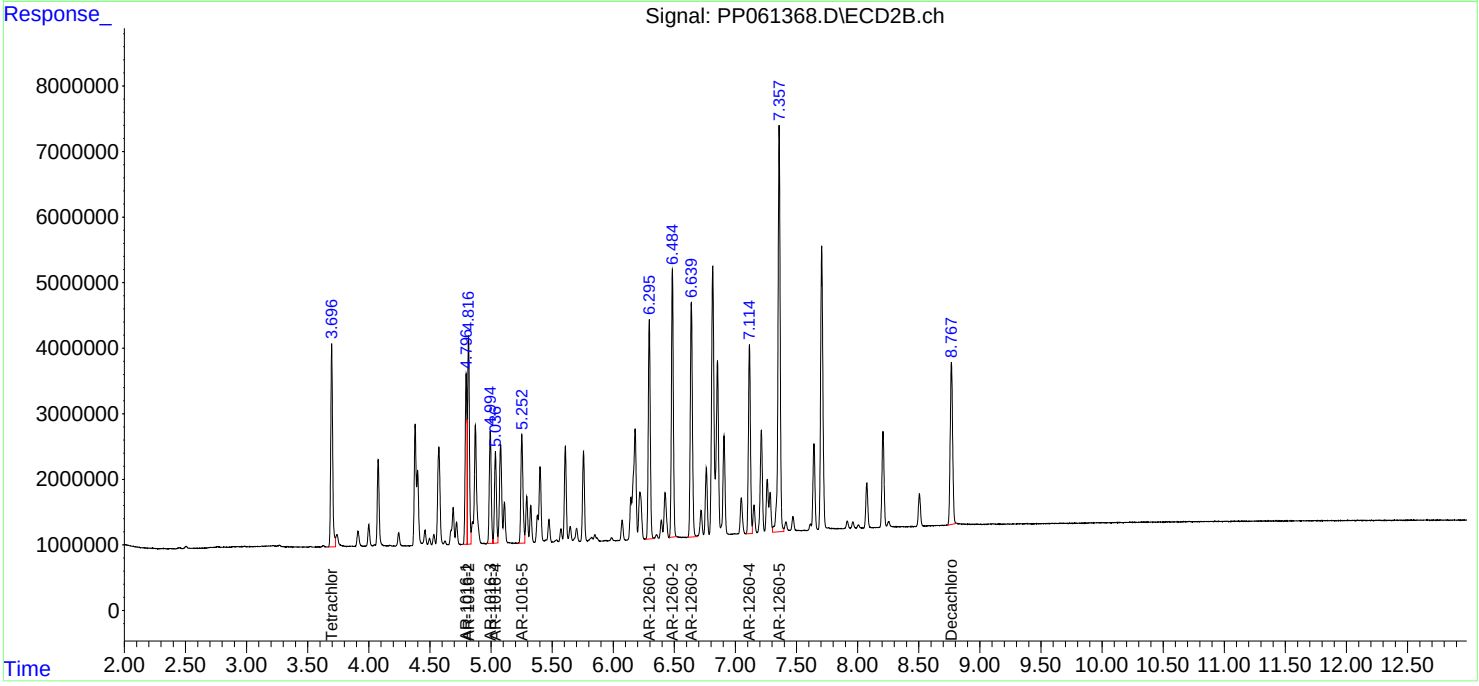
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
PB156726BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 16:14
Operator : YP/AJ
Sample : PB156754BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB156754BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:31:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.471	3.627	38196073	13705854	19.331	19.044
2)	SA Decachlor...	10.269	8.623	26304352	11761451	23.219	21.921
	Target Compounds						
3)	L1 AR-1016-1	5.645	4.707	24749278	10705161	449.445	478.038
4)	L1 AR-1016-2	5.667	4.725	36392572	14718702	440.109	470.898
5)	L1 AR-1016-3	5.730	4.901	22790276	8014864	442.769	473.334
6)	L1 AR-1016-4	5.828	4.943	17462445	6669193	429.650	461.289
7)	L1 AR-1016-5	6.124	5.156	17711245	8512259	417.294	455.643
31)	L7 AR-1260-1	7.253	6.188	31115917	15682520	434.210	444.574
32)	L7 AR-1260-2	7.510	6.376	35369033	18277631	448.295	455.955
33)	L7 AR-1260-3	7.871	6.529	23348556	17065672	427.528	451.319m
34)	L7 AR-1260-4	8.097	7.001	28037246	12580089	447.474	435.350
35)	L7 AR-1260-5	8.422	7.244	49553832	27173653	463.052	451.542

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

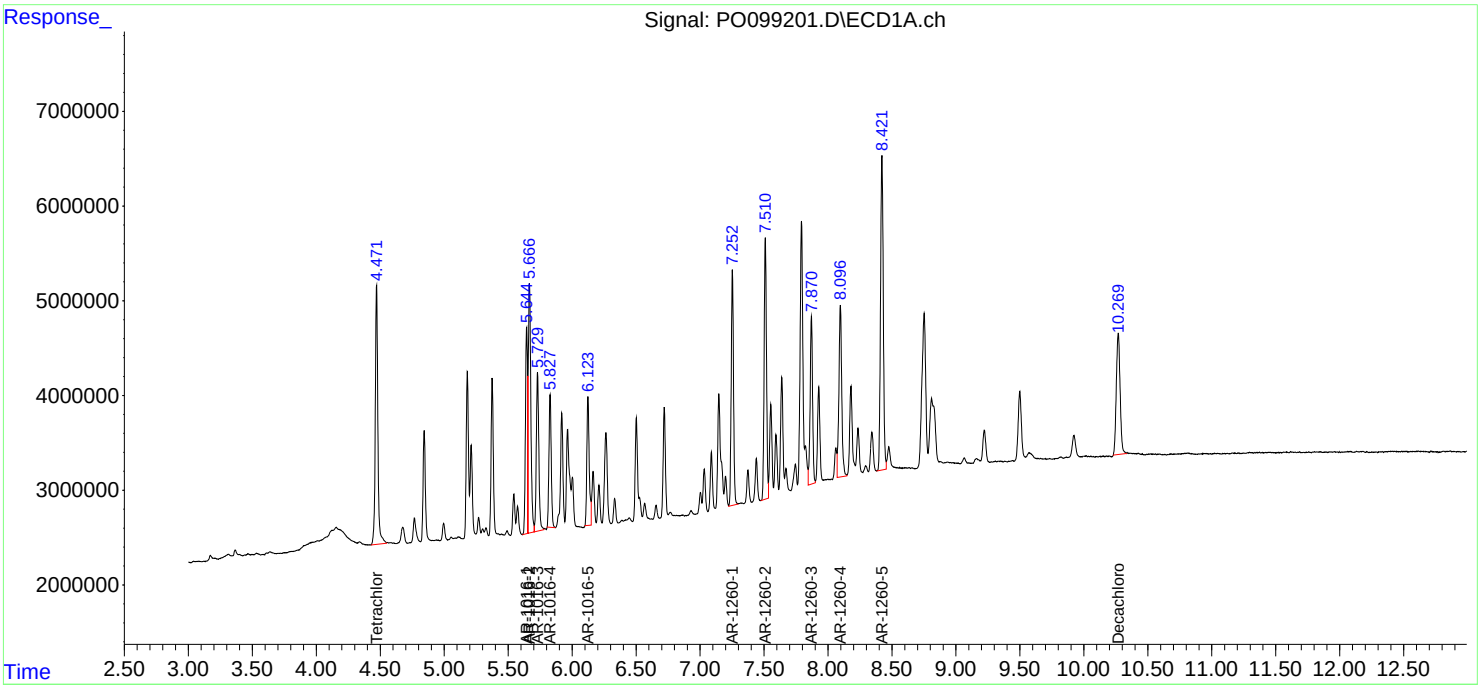
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 16:14
Operator : YP/AJ
Sample : PB156754BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

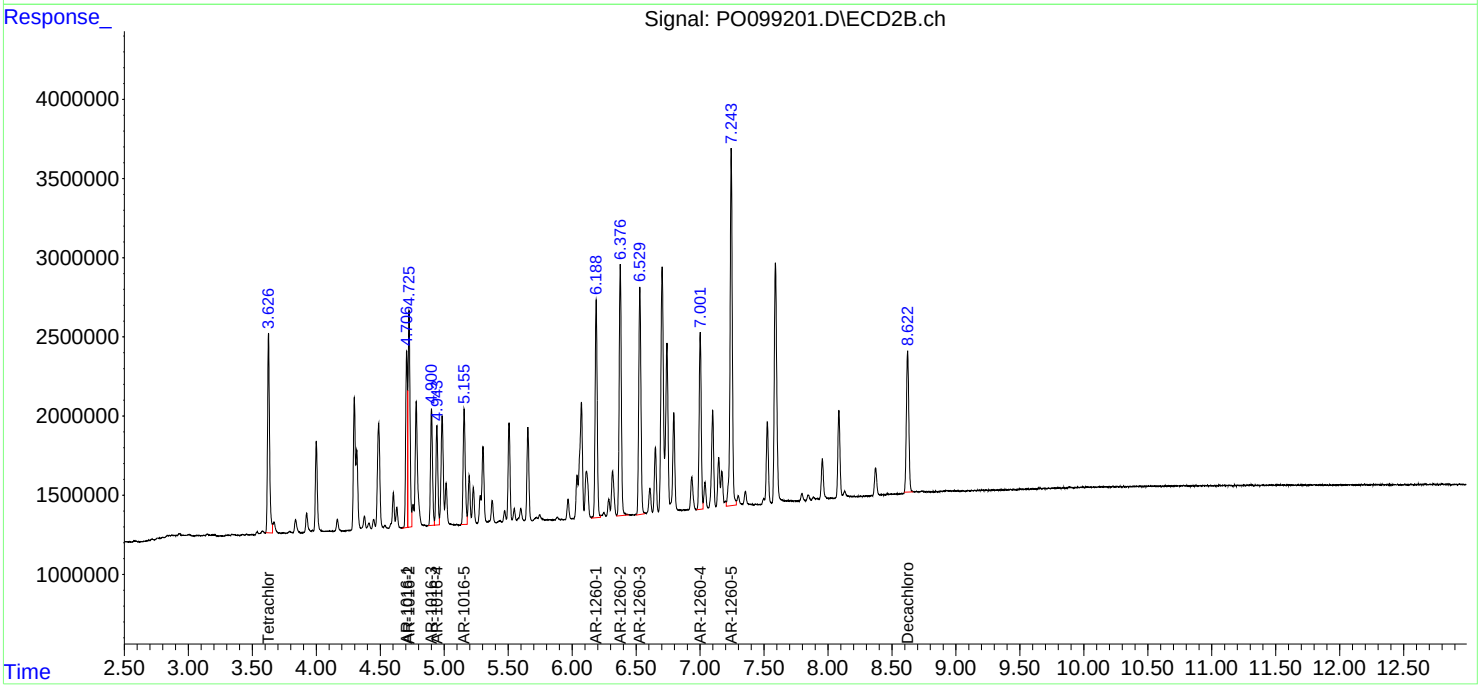
Instrument :
ECD_O
ClientSampleId :
PB156754BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:31:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 02:16
Operator : YP\AJ
Sample : PB156726BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156726BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:08:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.562	3.695	54951367	33548276	22.246	22.448m
2)	SA Decachlor...	10.539	8.767	43028921	34268284	22.819	22.315
	Target Compounds						
3)	L1 AR-1016-1	5.755	4.796	41151158	25803012	505.675	498.567
4)	L1 AR-1016-2	5.779	4.815	59317685	35047955	510.100	495.551
5)	L1 AR-1016-3	5.842	4.993	36024815	19607883	509.425	497.010
6)	L1 AR-1016-4	5.942	5.036	29753386	15756834	509.725	500.909
7)	L1 AR-1016-5	6.242	5.252	29708356	20420237	517.481	485.753
31)	L7 AR-1260-1	7.385	6.294	54131251	39336729	481.194	483.464
32)	L7 AR-1260-2	7.644	6.484	62019361	46400101	479.392	475.750
33)	L7 AR-1260-3	8.008	6.638	39923672	44962432	470.073	485.824
34)	L7 AR-1260-4	8.242	7.114	48743347	34034591	482.226	464.166
35)	L7 AR-1260-5	8.580	7.357	92218291	79178405	476.132	463.679

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

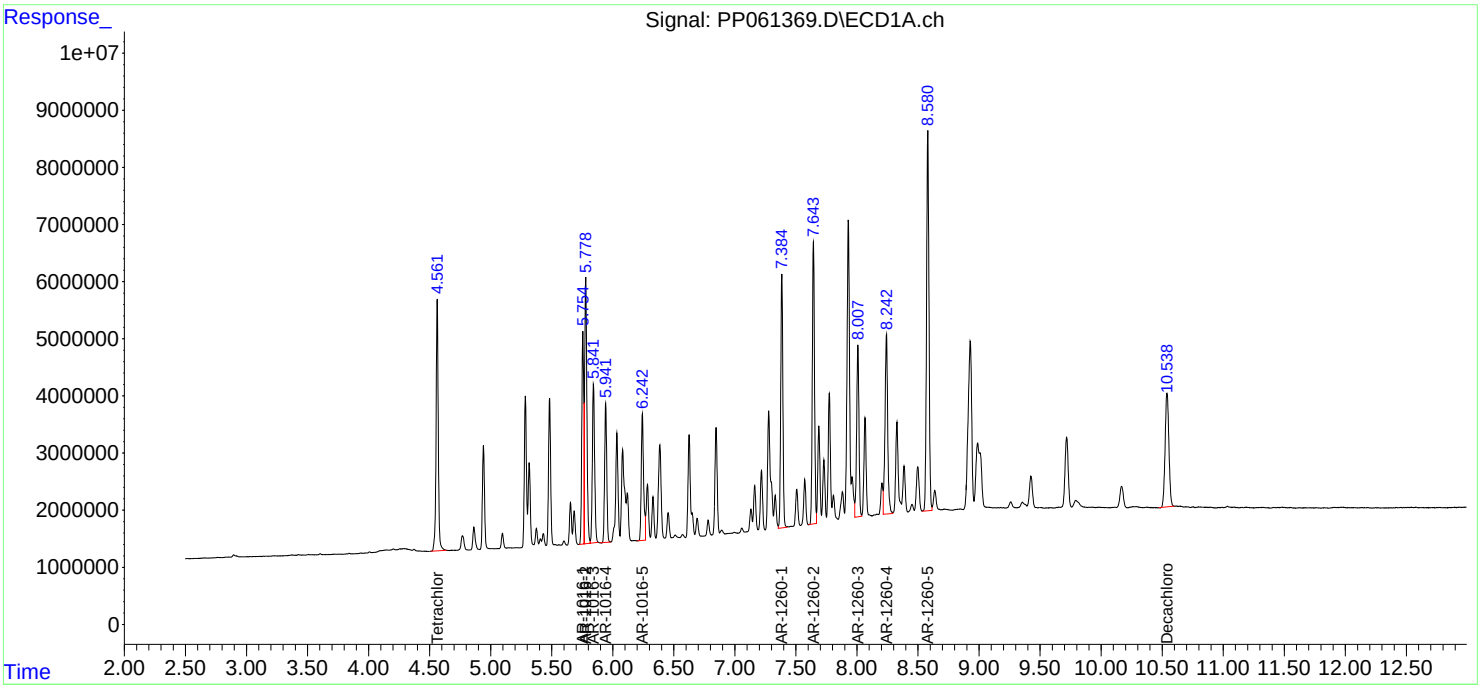
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103023\
Data File : PP061369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 02:16
Operator : YP\AJ
Sample : PB156726BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

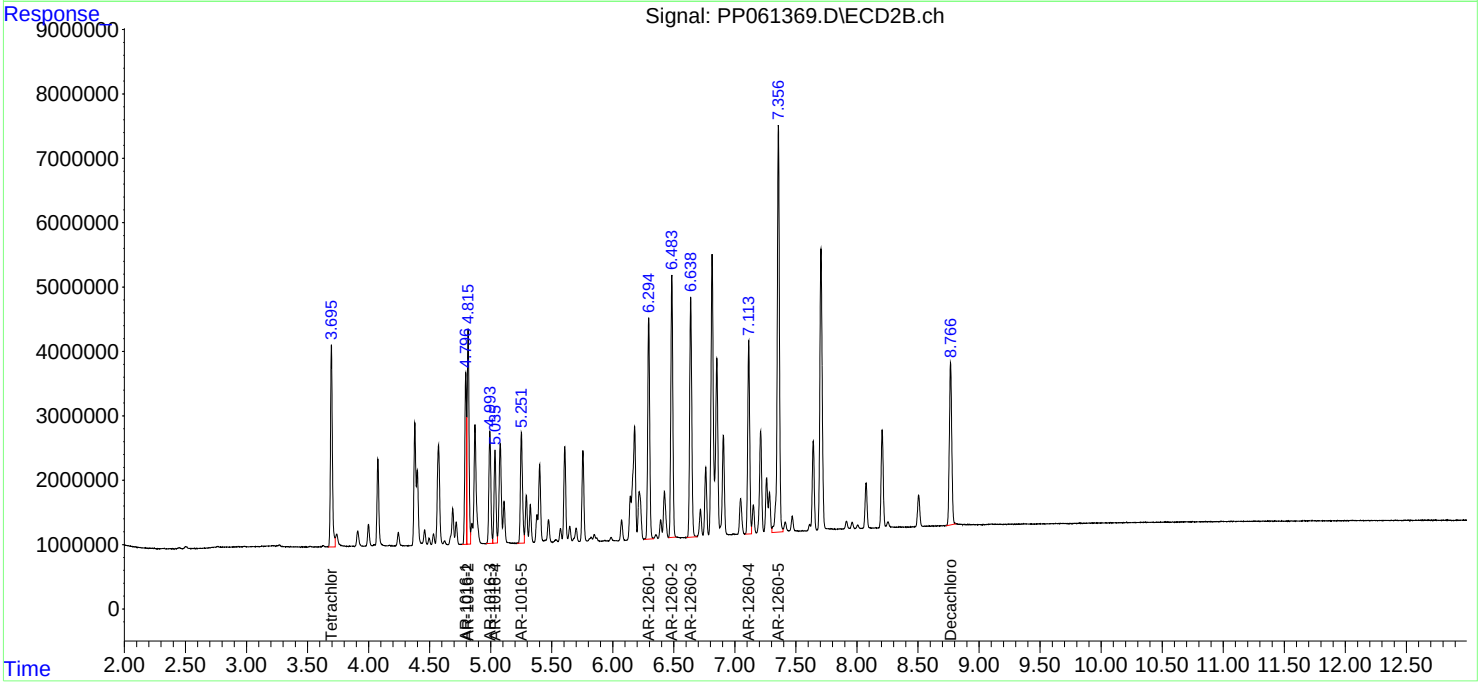
Instrument :
ECD_P
ClientSampleId :
PB156726BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 03:08:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 17:21
Operator : YP/AJ
Sample : 05142-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PSC-124037MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:36:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.471	3.626	43947248	17378033	22.241	24.147m
2)	SA Decachlor...	10.269	8.621	23030450	10287336	20.329	19.174
	Target Compounds						
3)	L1 AR-1016-1	5.644	4.707	31172763	13652462	566.095	609.650
4)	L1 AR-1016-2	5.667	4.725	45738822	19030421	553.137	608.844
5)	L1 AR-1016-3	5.729	4.901	28593700	10455247	555.518	617.456
6)	L1 AR-1016-4	5.828	4.943	22315601	8629151	549.058	596.853
7)	L1 AR-1016-5	6.124	5.156	22508074	10966104	530.311	586.992
31)	L7 AR-1260-1	7.253	6.187	37899609	19351156	528.873	548.574
32)	L7 AR-1260-2	7.510	6.376	42658810	22017081	540.691	549.240
33)	L7 AR-1260-3	7.871	6.529	27753785	20723527	508.191	548.055m
34)	L7 AR-1260-4	8.098	7.000	34112449	15070094	544.434	521.520
35)	L7 AR-1260-5	8.422	7.243	58821081	32424542	549.650	538.796

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

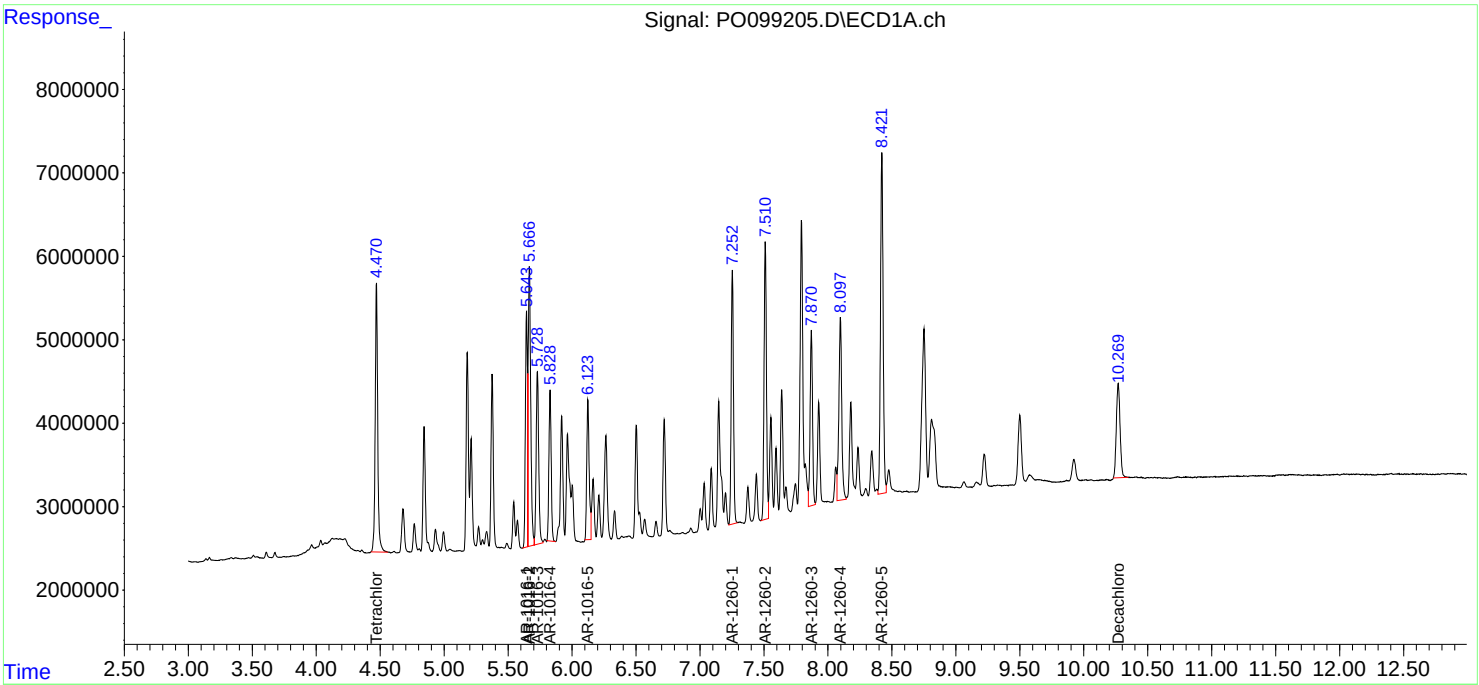
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 17:21
Operator : YP/AJ
Sample : 05142-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

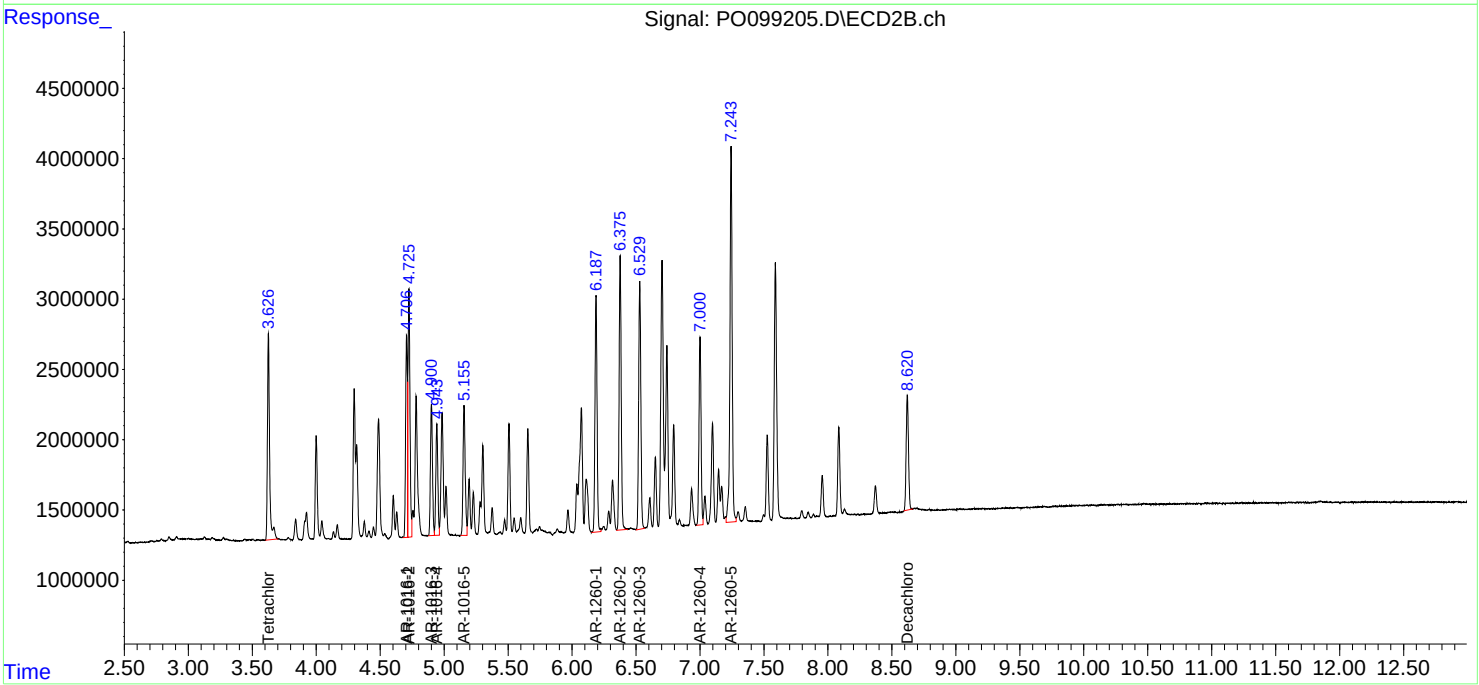
Instrument :
ECD_O
ClientSampleId :
PSC-124037MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:36:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 17:38
Operator : YP/AJ
Sample : O5142-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PSC-124037MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:38:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.471	3.626	43333534	17001650	21.931	23.624m
2)	SA Decachlor...	10.273	8.623	24917215	11019898	21.995	20.539
	Target Compounds						
3)	L1 AR-1016-1	5.646	4.708	29011250	12732972	526.842	568.590
4)	L1 AR-1016-2	5.667	4.726	42436144	17650338	513.196	564.691
5)	L1 AR-1016-3	5.730	4.901	26664878	9705466	518.045	573.176
6)	L1 AR-1016-4	5.829	4.944	20844899	7983556	512.873	552.200
7)	L1 AR-1016-5	6.125	5.156	21193554	10212891	499.340	546.674
31)	L7 AR-1260-1	7.255	6.189	35597132	18214443	496.743	516.350
32)	L7 AR-1260-2	7.512	6.378	39874621	20689991	505.402	516.134
33)	L7 AR-1260-3	7.873	6.530	26058042	19403215	477.141	513.138m
34)	L7 AR-1260-4	8.099	7.002	32354149	14254846	516.371	493.307
35)	L7 AR-1260-5	8.424	7.244	55156335	30919212	515.405	513.782

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

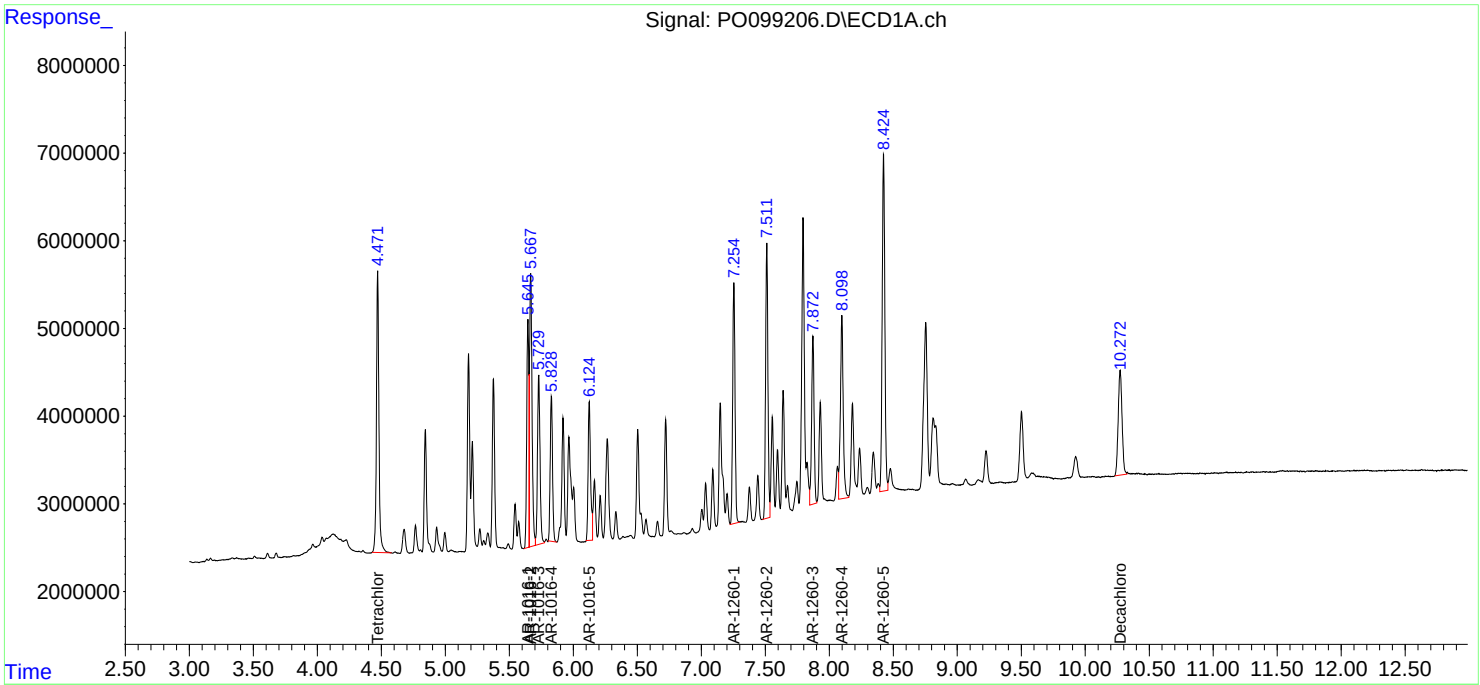
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103123\
Data File : PO099206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 17:38
Operator : YP/AJ
Sample : 05142-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

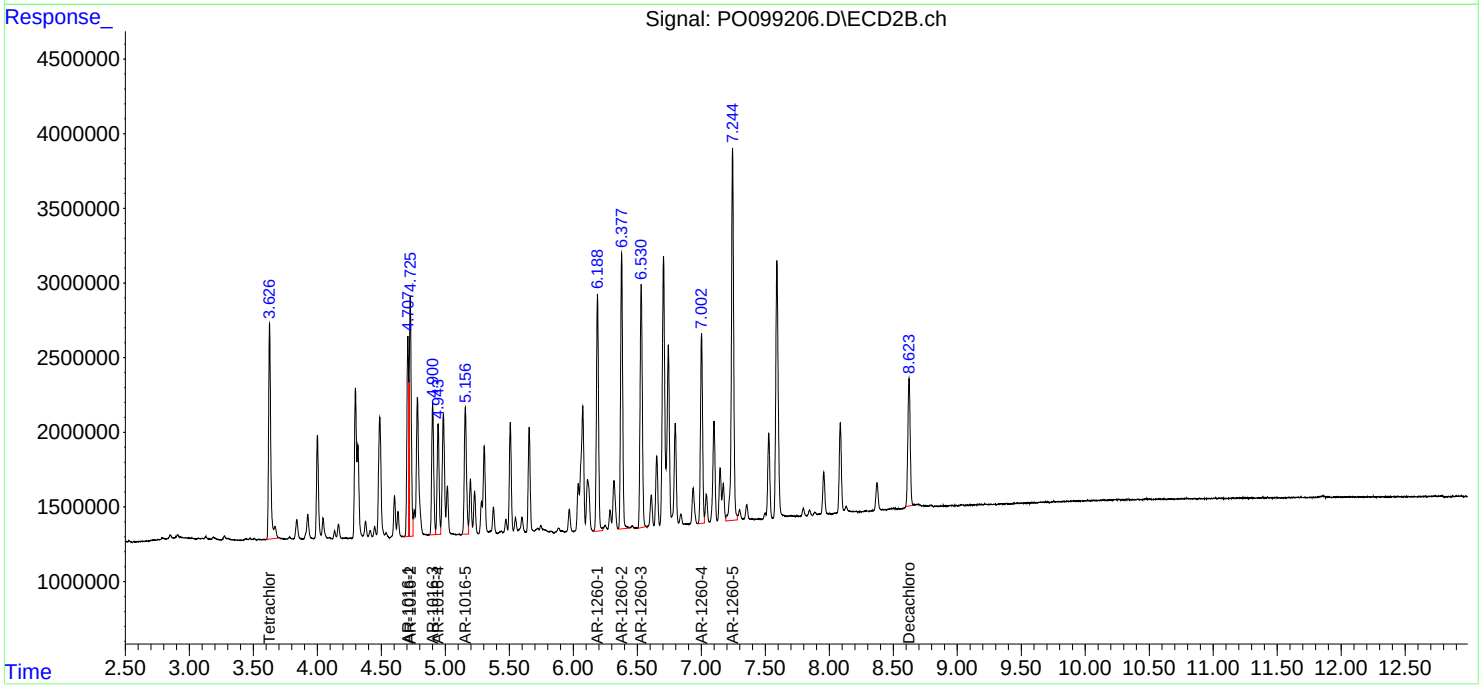
Instrument :
ECD_O
ClientSampleId :
PSC-124037MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 00:38:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:	PO102423	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO098880.D	AR-1260-4	yogesh	10/25/2023 8:19:42 AM	Ankita	10/25/2023 9:25:08	Peak Integrated by Software
AR1242ICC050	PO098887.D	AR-1242-5	yogesh	10/25/2023 8:19:43 AM	Ankita	10/25/2023 9:25:10	Peak Integrated by Software

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:	PO103023	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO099120.D	AR-1016-5 #2	yogesh	11/2/2023 8:42:21 AM	mohammad	11/2/2023 5:00:55	Peak Integrated by Software
AR1660CCC50 0	PO099120.D	AR-1260-1 #2	yogesh	11/2/2023 8:42:21 AM	mohammad	11/2/2023 5:00:55	Peak Integrated by Software
AR1254CCC50 0	PO099123.D	AR-1254-1 #2	yogesh	10/31/2023 7:36:26 AM	mohammad	10/31/2023 3:32:11	Peak Integrated by Software
AR1254CCC50 0	PO099123.D	AR-1254-2 #2	yogesh	10/31/2023 7:36:26 AM	mohammad	10/31/2023 3:32:11	Peak Integrated by Software
AR1660CCC50 0	PO099135.D	Decachlorobiphenyl	yogesh	10/31/2023 7:36:44 AM	mohammad	10/31/2023 3:32:35	Peak Integrated by Software
AR1660CCC50 0	PO099135.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 7:36:44 AM	mohammad	10/31/2023 3:32:35	Peak Integrated by Software
AR1242CCC50 0	PO099136.D	AR-1242-5	yogesh	10/31/2023 7:36:46 AM	mohammad	10/31/2023 3:32:37	Peak Integrated by Software
AR1254CCC50 0	PO099138.D	AR-1254-1 #2	yogesh	10/31/2023 7:36:48 AM	mohammad	10/31/2023 3:32:41	Peak Integrated by Software
AR1254CCC50 0	PO099138.D	AR-1254-2	yogesh	10/31/2023 7:36:48 AM	mohammad	10/31/2023 3:32:41	Peak Integrated by Software
AR1254CCC50 0	PO099138.D	AR-1254-2 #2	yogesh	10/31/2023 7:36:48 AM	mohammad	10/31/2023 3:32:41	Peak Integrated by Software
AR1660CCC50 0	PO099150.D	AR-1016-5 #2	yogesh	11/2/2023 8:42:22 AM	mohammad	11/2/2023 5:00:58	Peak Integrated by Software
AR1660CCC50 0	PO099150.D	AR-1260-1 #2	yogesh	11/2/2023 8:42:22 AM	mohammad	11/2/2023 5:00:58	Peak Integrated by Software
AR1660CCC50 0	PO099150.D	AR-1260-2 #2	yogesh	11/2/2023 8:42:22 AM	mohammad	11/2/2023 5:00:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO103023	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO099150.D	AR-1260-3 #2	yogesh	11/2/2023 8:42:22 AM	mohammad	11/2/2023 5:00:58	Peak Integrated by Software
AR1254CCC500	PO099153.D	AR-1254-1 #2	yogesh	11/2/2023 8:42:24 AM	mohammad	11/2/2023 5:01:07	Peak Integrated by Software
AR1254CCC500	PO099153.D	AR-1254-2	yogesh	11/2/2023 8:42:24 AM	mohammad	11/2/2023 5:01:07	Peak Integrated by Software
AR1254CCC500	PO099153.D	AR-1254-2 #2	yogesh	11/2/2023 8:42:24 AM	mohammad	11/2/2023 5:01:07	Peak Integrated by Software
AR1254CCC500	PO099153.D	AR-1254-4	yogesh	11/2/2023 8:42:24 AM	mohammad	11/2/2023 5:01:07	Peak Integrated by Software
AR1660CCC500	PO099165.D	AR-1016-5 #2	yogesh	11/2/2023 8:42:29 AM	mohammad	11/2/2023 5:01:14	Peak Integrated by Software
AR1660CCC500	PO099165.D	AR-1260-1 #2	yogesh	11/2/2023 8:42:29 AM	mohammad	11/2/2023 5:01:14	Peak Integrated by Software
AR1660CCC500	PO099165.D	AR-1260-3 #2	yogesh	11/2/2023 8:42:29 AM	mohammad	11/2/2023 5:01:14	Peak Integrated by Software
AR1242CCC500	PO099166.D	AR-1242-5	yogesh	10/31/2023 7:37:08 AM	mohammad	10/31/2023 3:33:05	Peak Integrated by Software
AR1248CCC500	PO099167.D	Decachlorobiphenyl	yogesh	11/2/2023 8:42:30 AM	mohammad	11/2/2023 5:01:17	Peak Integrated by Software
AR1254CCC500	PO099168.D	AR-1254-1	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software
AR1254CCC500	PO099168.D	AR-1254-1 #2	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software
AR1254CCC500	PO099168.D	AR-1254-2	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software

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Sequence:	PO103023	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO099168.D	AR-1254-2 #2	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software
AR1254CCC500	PO099168.D	AR-1254-3 #2	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software
AR1254CCC500	PO099168.D	AR-1254-4	yogesh	10/31/2023 7:37:10 AM	mohammad	10/31/2023 3:33:14	Peak Integrated by Software
O5126-04	PO099171.D	Tetrachloro-m-xylene	yogesh	10/31/2023 9:14:22 AM	mohammad	10/31/2023 3:33:28	Peak Integrated by Software
O5126-04	PO099171.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 9:14:22 AM	mohammad	10/31/2023 3:33:28	Peak Integrated by Software
AR1660CCC500	PO099178.D	AR-1016-5 #2	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	AR-1260-1	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	AR-1260-1 #2	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	AR-1260-2 #2	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	AR-1260-3 #2	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	Decachlorobiphenyl	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
AR1660CCC500	PO099178.D	Decachlorobiphenyl #2	yogesh	11/2/2023 8:42:34 AM	mohammad	11/2/2023 5:01:23	Peak Integrated by Software
I.BLK	PO099179.D	Decachlorobiphenyl	yogesh	10/31/2023 9:14:28 AM	mohammad	10/31/2023 3:33:40	Peak Integrated by Software

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Sequence:	PO103023	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PO103123	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO099181.D	AR-1016-5 #2	yogesh	10/31/2023 3:19:25 PM	mohammad	11/1/2023 4:46:07	Peak Integrated by Software
AR1660CCC50 0	PO099181.D	AR-1260-1 #2	yogesh	10/31/2023 3:19:25 PM	mohammad	11/1/2023 4:46:07	Peak Integrated by Software
AR1660CCC50 0	PO099181.D	AR-1260-3 #2	yogesh	10/31/2023 3:19:25 PM	mohammad	11/1/2023 4:46:07	Peak Integrated by Software
AR1242CCC50 0	PO099182.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 3:19:27 PM	mohammad	11/1/2023 4:46:10	Peak Integrated by Software
AR1248CCC50 0	PO099183.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 3:19:29 PM	mohammad	11/1/2023 4:46:14	Peak Integrated by Software
AR1254CCC50 0	PO099184.D	AR-1254-1 #2	yogesh	10/31/2023 3:19:31 PM	mohammad	11/1/2023 4:46:17	Peak Integrated by Software
AR1254CCC50 0	PO099184.D	AR-1254-2	yogesh	10/31/2023 3:19:31 PM	mohammad	11/1/2023 4:46:17	Peak Integrated by Software
AR1254CCC50 0	PO099184.D	AR-1254-2 #2	yogesh	10/31/2023 3:19:31 PM	mohammad	11/1/2023 4:46:17	Peak Integrated by Software
AR1254CCC50 0	PO099184.D	AR-1254-4	yogesh	10/31/2023 3:19:31 PM	mohammad	11/1/2023 4:46:17	Peak Integrated by Software
AR1254CCC50 0	PO099184.D	Decachlorobiphenyl	yogesh	10/31/2023 3:19:31 PM	mohammad	11/1/2023 4:46:17	Peak Integrated by Software
AR1660CCC50 0	PO099195.D	AR-1016-5 #2	yogesh	11/1/2023 8:05:50 AM	mohammad	11/1/2023 4:46:38	Peak Integrated by Software
AR1660CCC50 0	PO099195.D	AR-1260-3 #2	yogesh	11/1/2023 8:05:50 AM	mohammad	11/1/2023 4:46:38	Peak Integrated by Software
AR1254CCC50 0	PO099198.D	AR-1254-1	yogesh	11/1/2023 8:05:52 AM	mohammad	11/1/2023 4:46:43	Peak Integrated by Software

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Sequence:	PO103123	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO099198.D	AR-1254-1 #2	yogesh	11/1/2023 8:05:52 AM	mohammad	11/1/2023 4:46:43	Peak Integrated by Software
AR1254CCC500	PO099198.D	AR-1254-2	yogesh	11/1/2023 8:05:52 AM	mohammad	11/1/2023 4:46:43	Peak Integrated by Software
AR1254CCC500	PO099198.D	AR-1254-2 #2	yogesh	11/1/2023 8:05:52 AM	mohammad	11/1/2023 4:46:43	Peak Integrated by Software
AR1254CCC500	PO099198.D	AR-1254-4	yogesh	11/1/2023 8:05:52 AM	mohammad	11/1/2023 4:46:43	Peak Integrated by Software
PB156754BS	PO099201.D	AR-1260-3 #2	yogesh	11/1/2023 8:05:54 AM	mohammad	11/1/2023 4:46:48	Peak Integrated by Software
O5142-01MS	PO099205.D	AR-1260-3 #2	yogesh	11/2/2023 1:53:02 PM	mohammad	11/2/2023 5:00:17	Peak Integrated by Software
O5142-01MS	PO099205.D	Tetrachloro-m-xylene #2	yogesh	11/2/2023 1:53:02 PM	mohammad	11/2/2023 5:00:17	Peak Integrated by Software
O5142-01MSD	PO099206.D	AR-1260-3 #2	yogesh	11/2/2023 1:53:03 PM	mohammad	11/2/2023 5:00:20	Peak Integrated by Software
O5142-01MSD	PO099206.D	Tetrachloro-m-xylene #2	yogesh	11/2/2023 1:53:03 PM	mohammad	11/2/2023 5:00:20	Peak Integrated by Software
AR1660CCC500	PO099210.D	AR-1016-5 #2	yogesh	11/1/2023 8:06:01 AM	mohammad	11/1/2023 4:46:58	Peak Integrated by Software
AR1660CCC500	PO099210.D	AR-1260-3 #2	yogesh	11/1/2023 8:06:01 AM	mohammad	11/1/2023 4:46:58	Peak Integrated by Software
AR1254CCC500	PO099213.D	AR-1254-1	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software
AR1254CCC500	PO099213.D	AR-1254-1 #2	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software

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Sequence:	PO103123	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO099213.D	AR-1254-2	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software
AR1254CCC500	PO099213.D	AR-1254-2 #2	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software
AR1254CCC500	PO099213.D	AR-1254-3 #2	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software
AR1254CCC500	PO099213.D	AR-1254-4	yogesh	11/1/2023 8:06:05 AM	mohammad	11/1/2023 4:46:55	Peak Integrated by Software
AR1660CCC500	PO099225.D	AR-1016-5 #2	yogesh	11/1/2023 8:06:28 AM	mohammad	11/1/2023 4:47:11	Peak Integrated by Software
AR1660CCC500	PO099225.D	AR-1260-3 #2	yogesh	11/1/2023 8:06:28 AM	mohammad	11/1/2023 4:47:11	Peak Integrated by Software
AR1254CCC500	PO099228.D	AR-1254-1	yogesh	11/1/2023 8:06:31 AM	mohammad	11/1/2023 4:47:17	Peak Integrated by Software
AR1254CCC500	PO099228.D	AR-1254-1 #2	yogesh	11/1/2023 8:06:31 AM	mohammad	11/1/2023 4:47:17	Peak Integrated by Software
AR1254CCC500	PO099228.D	AR-1254-2	yogesh	11/1/2023 8:06:31 AM	mohammad	11/1/2023 4:47:17	Peak Integrated by Software
AR1254CCC500	PO099228.D	AR-1254-2 #2	yogesh	11/1/2023 8:06:31 AM	mohammad	11/1/2023 4:47:17	Peak Integrated by Software
AR1254CCC500	PO099228.D	AR-1254-4	yogesh	11/1/2023 8:06:31 AM	mohammad	11/1/2023 4:47:17	Peak Integrated by Software
AR1660CCC500	PO099240.D	AR-1016-5 #2	yogesh	11/1/2023 8:06:38 AM	mohammad	11/1/2023 4:47:26	Peak Integrated by Software
AR1660CCC500	PO099240.D	AR-1260-3 #2	yogesh	11/1/2023 8:06:38 AM	mohammad	11/1/2023 4:47:26	Peak Integrated by Software

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Sequence:	PO103123	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO099240.D	Decachlorobiphenyl	yogesh	11/1/2023 8:06:38 AM	mohammad	11/1/2023 4:47:26	Peak Integrated by Software
AR1660CCC500	PO099240.D	Decachlorobiphenyl #2	yogesh	11/1/2023 8:06:38 AM	mohammad	11/1/2023 4:47:26	Peak Integrated by Software
AR1248CCC500	PO099242.D	AR-1248-1 #2	yogesh	11/1/2023 8:06:40 AM	mohammad	11/1/2023 4:47:30	Peak Integrated by Software
AR1248CCC500	PO099242.D	AR-1248-2	yogesh	11/1/2023 8:06:40 AM	mohammad	11/1/2023 4:47:30	Peak Integrated by Software
AR1248CCC500	PO099242.D	AR-1248-3	yogesh	11/1/2023 8:06:40 AM	mohammad	11/1/2023 4:47:30	Peak Integrated by Software
AR1248CCC500	PO099242.D	AR-1248-4 #2	yogesh	11/1/2023 8:06:40 AM	mohammad	11/1/2023 4:47:30	Peak Integrated by Software
AR1248CCC500	PO099242.D	AR-1248-5 #2	yogesh	11/1/2023 8:06:40 AM	mohammad	11/1/2023 4:47:30	Peak Integrated by Software
AR1254CCC500	PO099243.D	AR-1254-1	yogesh	11/1/2023 8:06:42 AM	mohammad	11/1/2023 4:47:33	Peak Integrated by Software
AR1254CCC500	PO099243.D	AR-1254-1 #2	yogesh	11/1/2023 8:06:42 AM	mohammad	11/1/2023 4:47:33	Peak Integrated by Software
AR1254CCC500	PO099243.D	AR-1254-2	yogesh	11/1/2023 8:06:42 AM	mohammad	11/1/2023 4:47:33	Peak Integrated by Software
AR1254CCC500	PO099243.D	AR-1254-2 #2	yogesh	11/1/2023 8:06:42 AM	mohammad	11/1/2023 4:47:33	Peak Integrated by Software
AR1254CCC500	PO099243.D	AR-1254-4	yogesh	11/1/2023 8:06:42 AM	mohammad	11/1/2023 4:47:33	Peak Integrated by Software
I.BLK	PO099244.D	Decachlorobiphenyl #2	yogesh	11/1/2023 8:06:44 AM	mohammad	11/1/2023 4:47:36	Peak Integrated by Software

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Sequence:	PO103123	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Sequence:	PP102723	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP061286.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:24 AM	mohammad	10/30/2023 3:43:36	Peak Integrated by Software
AR1242ICC250	PP061292.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:26 AM	mohammad	10/30/2023 3:43:39	Peak Integrated by Software
AR1242ICC050	PP061293.D	AR-1242-4	yogesh	10/30/2023 8:41:27 AM	mohammad	10/30/2023 3:43:41	Peak Integrated by Software
AR1242ICC050	PP061293.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:27 AM	mohammad	10/30/2023 3:43:41	Peak Integrated by Software
AR1248ICC050	PP061298.D	AR-1248-4 #2	yogesh	10/30/2023 8:41:29 AM	mohammad	10/30/2023 3:43:44	Peak Integrated by Software

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Sequence:	PP103023	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP061317.D	AR-1016-3 #2	yogesh	10/31/2023 7:34:24 AM	mohammad	10/31/2023 3:30:19	Peak Integrated by Software
AR1660CCC500	PP061317.D	AR-1016-4 #2	yogesh	10/31/2023 7:34:24 AM	mohammad	10/31/2023 3:30:19	Peak Integrated by Software
AR1660CCC500	PP061317.D	AR-1260-3 #2	yogesh	10/31/2023 7:34:24 AM	mohammad	10/31/2023 3:30:19	Peak Integrated by Software
AR1660CCC500	PP061317.D	Decachlorobiphenyl #2	yogesh	10/31/2023 7:34:24 AM	mohammad	10/31/2023 3:30:19	Peak Integrated by Software
AR1242CCC500	PP061333.D	AR-1242-1	yogesh	10/31/2023 7:34:36 AM	mohammad	10/31/2023 3:30:35	Peak Integrated by Software
AR1660CCC500	PP061347.D	AR-1016-5 #2	yogesh	10/31/2023 7:34:47 AM	mohammad	10/31/2023 3:30:53	Peak Integrated by Software
AR1660CCC500	PP061347.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 7:34:47 AM	mohammad	10/31/2023 3:30:53	Peak Integrated by Software
AR1242CCC500	PP061348.D	Tetrachloro-m-xylene #2	yogesh	10/31/2023 7:34:49 AM	mohammad	10/31/2023 3:30:55	Peak Integrated by Software
AR1248CCC500	PP061364.D	Decachlorobiphenyl	yogesh	10/31/2023 7:34:58 AM	mohammad	10/31/2023 3:31:09	Peak Integrated by Software
PB156726BS	PP061368.D	Tetrachloro-m-xylene #2	yogesh	11/2/2023 8:41:28 AM	mohammad	11/2/2023 4:49:04	Peak Integrated by Software
PB156726BSD	PP061369.D	Tetrachloro-m-xylene #2	yogesh	11/2/2023 8:41:29 AM	mohammad	11/2/2023 4:49:06	Peak Integrated by Software
AR1660CCC500	PP061377.D	AR-1016-5 #2	yogesh	11/2/2023 8:41:31 AM	mohammad	11/2/2023 4:49:10	Peak Integrated by Software
AR1660CCC500	PP061377.D	Tetrachloro-m-xylene #2	yogesh	11/2/2023 8:41:31 AM	mohammad	11/2/2023 4:49:10	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
O5126-09	PP061385.D	Tetrachloro-m-xylene	yogesh	10/31/2023 10:51:54 AM	mohammad	10/31/2023 3:31:33	Peak Integrated by Software
AR1660CCC500	PP061392.D	AR-1016-3	yogesh	11/2/2023 4:51:27 PM	mohammad	11/2/2023 4:51:34	Peak Integrated by Software
AR1660CCC500	PP061392.D	Decachlorobiphenyl	yogesh	11/2/2023 4:51:27 PM	mohammad	11/2/2023 4:51:34	Peak Integrated by Software
I.BLK	PP061393.D	Decachlorobiphenyl	yogesh	11/2/2023 8:41:35 AM	mohammad	11/2/2023 4:49:27	Peak Integrated by Software
I.BLK	PP061393.D	Decachlorobiphenyl #2	yogesh	11/2/2023 8:41:35 AM	mohammad	11/2/2023 4:49:27	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO098874.D	24 Oct 2023 20:45	YP/AJ	Ok
2	I.BLK	PO098875.D	24 Oct 2023 21:01	YP/AJ	Ok
3	AR1660ICC1000	PO098876.D	24 Oct 2023 21:19	YP/AJ	Ok
4	AR1660ICC750	PO098877.D	24 Oct 2023 21:36	YP/AJ	Ok
5	AR1660ICC500	PO098878.D	24 Oct 2023 21:53	YP/AJ	Ok
6	AR1660ICC250	PO098879.D	24 Oct 2023 22:09	YP/AJ	Ok
7	AR1660ICC050	PO098880.D	24 Oct 2023 22:27	YP/AJ	Ok,M
8	AR1221ICC500	PO098881.D	24 Oct 2023 22:43	YP/AJ	Ok
9	AR1232ICC500	PO098882.D	24 Oct 2023 23:00	YP/AJ	Ok
10	AR1242ICC1000	PO098883.D	24 Oct 2023 23:17	YP/AJ	Ok
11	AR1242ICC750	PO098884.D	24 Oct 2023 23:34	YP/AJ	Ok
12	AR1242ICC500	PO098885.D	24 Oct 2023 23:51	YP/AJ	Ok
13	AR1242ICC250	PO098886.D	25 Oct 2023 00:08	YP/AJ	Ok
14	AR1242ICC050	PO098887.D	25 Oct 2023 00:25	YP/AJ	Ok,M
15	AR1248ICC1000	PO098888.D	25 Oct 2023 00:42	YP/AJ	Ok
16	AR1248ICC750	PO098889.D	25 Oct 2023 00:59	YP/AJ	Ok
17	AR1248ICC500	PO098890.D	25 Oct 2023 01:16	YP/AJ	Ok
18	AR1248ICC250	PO098891.D	25 Oct 2023 01:33	YP/AJ	Ok
19	AR1248ICC050	PO098892.D	25 Oct 2023 01:50	YP/AJ	Ok
20	AR1254ICC1000	PO098893.D	25 Oct 2023 02:07	YP/AJ	Ok
21	AR1254ICC750	PO098894.D	25 Oct 2023 02:24	YP/AJ	Ok
22	AR1254ICC500	PO098895.D	25 Oct 2023 02:41	YP/AJ	Ok
23	AR1254ICC250	PO098896.D	25 Oct 2023 02:58	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PO098897.D	25 Oct 2023 03:15	YP/AJ	Ok
25	AR1262ICC500	PO098898.D	25 Oct 2023 03:32	YP/AJ	Ok
26	AR1268ICC1000	PO098899.D	25 Oct 2023 03:49	YP/AJ	Ok
27	AR1268ICC750	PO098900.D	25 Oct 2023 04:06	YP/AJ	Ok
28	AR1268ICC500	PO098901.D	25 Oct 2023 04:22	YP/AJ	Ok
29	AR1268ICC250	PO098902.D	25 Oct 2023 04:39	YP/AJ	Ok
30	AR1268ICC050	PO098903.D	25 Oct 2023 04:56	YP/AJ	Ok
31	PO102423ICV500	PO098904.D	25 Oct 2023 05:13	YP/AJ	Ok
32	AR1242ICV500	PO098905.D	25 Oct 2023 05:30	YP/AJ	Ok
33	AR1248ICV500	PO098906.D	25 Oct 2023 05:47	YP/AJ	Ok
34	AR1254ICV500	PO098907.D	25 Oct 2023 06:04	YP/AJ	Ok
35	AR1268ICV500	PO098908.D	25 Oct 2023 06:21	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO099119.D	30 Oct 2023 08:39	YP/AJ	Ok
2	AR1660CCC500	PO099120.D	30 Oct 2023 09:21	YP/AJ	Ok,M
3	AR1242CCC500	PO099121.D	30 Oct 2023 09:42	YP/AJ	Ok
4	AR1248CCC500	PO099122.D	30 Oct 2023 10:00	YP/AJ	Ok
5	AR1254CCC500	PO099123.D	30 Oct 2023 10:35	YP/AJ	Ok,M
6	I.BLK	PO099124.D	30 Oct 2023 10:52	YP/AJ	Ok
7	O5092-01	PO099125.D	30 Oct 2023 11:09	YP/AJ	Ok,M
8	O5144-09	PO099126.D	30 Oct 2023 11:26	YP/AJ	Ok
9	O5144-10	PO099127.D	30 Oct 2023 11:43	YP/AJ	Ok,M
10	O5144-11	PO099128.D	30 Oct 2023 12:00	YP/AJ	Ok,M
11	O5144-12	PO099129.D	30 Oct 2023 12:17	YP/AJ	Ok,M
12	O5098-01	PO099130.D	30 Oct 2023 12:33	YP/AJ	Ok
13	O5098-02	PO099131.D	30 Oct 2023 12:50	YP/AJ	Ok,M
14	O5098-04	PO099132.D	30 Oct 2023 13:07	YP/AJ	Ok,M
15	O5108-03	PO099133.D	30 Oct 2023 13:24	YP/AJ	ReRun
16	O5134-01	PO099134.D	30 Oct 2023 13:41	YP/AJ	Ok
17	AR1660CCC500	PO099135.D	30 Oct 2023 15:30	YP/AJ	Ok,M
18	AR1242CCC500	PO099136.D	30 Oct 2023 15:47	YP/AJ	Ok,M
19	AR1248CCC500	PO099137.D	30 Oct 2023 16:38	YP/AJ	Ok
20	AR1254CCC500	PO099138.D	30 Oct 2023 16:55	YP/AJ	Ok,M
21	I.BLK	PO099139.D	30 Oct 2023 17:12	YP/AJ	Ok
22	O5107-01DL	PO099140.D	30 Oct 2023 17:29	YP/AJ	Not Ok
23	O5107-02DL	PO099141.D	30 Oct 2023 17:46	YP/AJ	Not Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5107-03DL	PO099142.D	30 Oct 2023 18:03	YP/AJ	Ok
25	O5107-04DL	PO099143.D	30 Oct 2023 18:20	YP/AJ	Ok
26	O5107-05DL	PO099144.D	30 Oct 2023 18:37	YP/AJ	Ok
27	O5107-06DL	PO099145.D	30 Oct 2023 18:54	YP/AJ	Ok
28	O5107-07DL	PO099146.D	30 Oct 2023 19:10	YP/AJ	Ok
29	O5107-08DL	PO099147.D	30 Oct 2023 19:27	YP/AJ	Not Ok
30	O5107-09DL	PO099148.D	30 Oct 2023 19:44	YP/AJ	Ok
31	O5107-10DL	PO099149.D	30 Oct 2023 20:01	YP/AJ	Ok
32	AR1660CCC500	PO099150.D	30 Oct 2023 21:04	YP/AJ	Ok,M
33	AR1242CCC500	PO099151.D	30 Oct 2023 21:37	YP/AJ	Ok
34	AR1248CCC500	PO099152.D	30 Oct 2023 22:28	YP/AJ	Ok
35	AR1254CCC500	PO099153.D	30 Oct 2023 22:45	YP/AJ	Ok,M
36	I.BLK	PO099154.D	30 Oct 2023 23:02	YP/AJ	Ok
37	PB156750BL	PO099155.D	30 Oct 2023 23:19	YP/AJ	Ok
38	PB156750BS	PO099156.D	30 Oct 2023 23:36	YP/AJ	Ok,M
39	O5125-01	PO099157.D	30 Oct 2023 23:53	YP/AJ	Ok,M
40	O5125-02	PO099158.D	31 Oct 2023 00:10	YP/AJ	Not Ok
41	O5125-03	PO099159.D	31 Oct 2023 00:27	YP/AJ	Ok,M
42	O5125-04	PO099160.D	31 Oct 2023 00:43	YP/AJ	Ok
43	O5125-05	PO099161.D	31 Oct 2023 01:00	YP/AJ	Not Ok
44	O5125-06	PO099162.D	31 Oct 2023 01:17	YP/AJ	Not Ok
45	O5125-07	PO099163.D	31 Oct 2023 01:34	YP/AJ	Ok,M
46	O5107-11DL	PO099164.D	31 Oct 2023 01:51	YP/AJ	Ok,M
47	AR1660CCC500	PO099165.D	31 Oct 2023 02:53	YP/AJ	Ok,M
48	AR1242CCC500	PO099166.D	31 Oct 2023 03:27	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	AR1248CCC500	PO099167.D	31 Oct 2023 04:18	YP/AJ	Ok,M
50	AR1254CCC500	PO099168.D	31 Oct 2023 04:35	YP/AJ	Ok,M
51	I.BLK	PO099169.D	31 Oct 2023 04:52	YP/AJ	Ok
52	O5125-08	PO099170.D	31 Oct 2023 05:08	YP/AJ	Ok
53	O5126-04	PO099171.D	31 Oct 2023 05:25	YP/AJ	Ok,M
54	O5126-05	PO099172.D	31 Oct 2023 05:42	YP/AJ	Ok
55	O5126-07	PO099173.D	31 Oct 2023 05:59	YP/AJ	Ok
56	O5128-01	PO099174.D	31 Oct 2023 06:16	YP/AJ	Ok,M
57	O5128-02	PO099175.D	31 Oct 2023 06:33	YP/AJ	Ok,M
58	O5128-03	PO099176.D	31 Oct 2023 06:50	YP/AJ	Ok
59	O5131-04	PO099177.D	31 Oct 2023 07:07	YP/AJ	Ok,M
60	AR1660CCC500	PO099178.D	31 Oct 2023 08:09	YP/AJ	Ok,M
61	I.BLK	PO099179.D	31 Oct 2023 08:26	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO099180.D	31 Oct 2023 09:04	YP/AJ	Ok
2	AR1660CCC500	PO099181.D	31 Oct 2023 09:20	YP/AJ	Ok,M
3	AR1242CCC500	PO099182.D	31 Oct 2023 09:47	YP/AJ	Ok,M
4	AR1248CCC500	PO099183.D	31 Oct 2023 10:04	YP/AJ	Ok,M
5	AR1254CCC500	PO099184.D	31 Oct 2023 10:22	YP/AJ	Ok,M
6	I.BLK	PO099185.D	31 Oct 2023 10:40	YP/AJ	Ok
7	O5108-03	PO099186.D	31 Oct 2023 10:58	YP/AJ	Ok,M
8	O5125-05	PO099187.D	31 Oct 2023 11:15	YP/AJ	Ok,M
9	O5125-02	PO099188.D	31 Oct 23 11:32 am	YP/AJ	Ok,M
10	O5125-06	PO099189.D	31 Oct 2023 11:49	YP/AJ	Ok,M
11	O5107-01DL	PO099190.D	31 Oct 2023 12:06	YP/AJ	Ok,M
12	O5107-02DL	PO099191.D	31 Oct 2023 12:23	YP/AJ	Ok,M
13	O5107-08DL	PO099192.D	31 Oct 2023 12:40	YP/AJ	Ok,M
14	O5107-16	PO099193.D	31 Oct 2023 12:57	YP/AJ	Ok
15	O5107-20RE	PO099194.D	31 Oct 2023 13:13	YP/AJ	Confirms
16	AR1660CCC500	PO099195.D	31 Oct 2023 14:16	YP/AJ	Ok,M
17	AR1242CCC500	PO099196.D	31 Oct 2023 14:50	YP/AJ	Ok
18	AR1248CCC500	PO099197.D	31 Oct 2023 15:07	YP/AJ	Ok
19	AR1254CCC500	PO099198.D	31 Oct 2023 15:23	YP/AJ	Ok,M
20	I.BLK	PO099199.D	31 Oct 2023 15:40	YP/AJ	Ok
21	PB156754BL	PO099200.D	31 Oct 2023 15:57	YP/AJ	Ok
22	PB156754BS	PO099201.D	31 Oct 2023 16:14	YP/AJ	Ok,M
23	O5128-04	PO099202.D	31 Oct 2023 16:31	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5128-05	PO099203.D	31 Oct 2023 16:48	YP/AJ	Ok
25	O5142-01	PO099204.D	31 Oct 2023 17:05	YP/AJ	Ok
26	O5142-01MS	PO099205.D	31 Oct 2023 17:21	YP/AJ	Ok,M
27	O5142-01MSD	PO099206.D	31 Oct 2023 17:38	YP/AJ	Ok,M
28	O5145-01	PO099207.D	31 Oct 2023 17:55	YP/AJ	Ok
29	O5162-01	PO099208.D	31 Oct 2023 18:12	YP/AJ	Ok
30	O5162-03	PO099209.D	31 Oct 2023 18:29	YP/AJ	Ok
31	AR1660CCC500	PO099210.D	31 Oct 2023 19:31	YP/AJ	Ok,M
32	AR1242CCC500	PO099211.D	31 Oct 2023 20:05	YP/AJ	Ok
33	AR1248CCC500	PO099212.D	31 Oct 2023 20:22	YP/AJ	Ok
34	AR1254CCC500	PO099213.D	31 Oct 2023 20:39	YP/AJ	Ok,M
35	I.BLK	PO099214.D	31 Oct 2023 20:56	YP/AJ	Ok
36	PB156796BL	PO099215.D	31 Oct 2023 21:13	YP/AJ	Ok
37	PB156796BS	PO099216.D	31 Oct 2023 21:30	YP/AJ	Ok,M
38	O5161-01	PO099217.D	31 Oct 2023 21:47	YP/AJ	Ok,M
39	O5161-02	PO099218.D	31 Oct 2023 22:04	YP/AJ	Ok,M
40	O5161-03	PO099219.D	31 Oct 2023 22:21	YP/AJ	Ok
41	O5161-04	PO099220.D	31 Oct 2023 22:38	YP/AJ	Ok
42	O5161-05	PO099221.D	31 Oct 2023 22:55	YP/AJ	Ok
43	O5161-06	PO099222.D	31 Oct 2023 23:12	YP/AJ	Ok,M
44	O5161-07	PO099223.D	31 Oct 2023 23:28	YP/AJ	Ok
45	O5161-08	PO099224.D	31 Oct 2023 23:45	YP/AJ	Ok
46	AR1660CCC500	PO099225.D	01 Nov 2023 00:48	YP/AJ	Ok,M
47	AR1242CCC500	PO099226.D	01 Nov 2023 01:21	YP/AJ	Ok
48	AR1248CCC500	PO099227.D	01 Nov 2023 01:38	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	AR1254CCC500	PO099228.D	01 Nov 2023 01:55	YP/AJ	Ok,M
50	I.BLK	PO099229.D	01 Nov 2023 02:12	YP/AJ	Ok
51	PB156795BL	PO099230.D	01 Nov 2023 02:29	YP/AJ	Ok
52	PB156795BS	PO099231.D	01 Nov 2023 02:46	YP/AJ	Ok,M
53	O5163-01	PO099232.D	01 Nov 2023 03:03	YP/AJ	Ok
54	O5163-02	PO099233.D	01 Nov 2023 03:20	YP/AJ	Ok,M
55	O5163-03	PO099234.D	01 Nov 2023 03:37	YP/AJ	Ok
56	O5163-04	PO099235.D	01 Nov 2023 03:54	YP/AJ	Ok
57	O5163-05	PO099236.D	01 Nov 2023 04:11	YP/AJ	Ok
58	O5163-06	PO099237.D	01 Nov 2023 04:27	YP/AJ	Ok
59	O5163-07	PO099238.D	01 Nov 2023 04:44	YP/AJ	Ok
60	O5163-08	PO099239.D	01 Nov 2023 05:01	YP/AJ	Ok
61	AR1660CCC500	PO099240.D	01 Nov 2023 06:03	YP/AJ	Ok,M
62	AR1242CCC500	PO099241.D	01 Nov 2023 06:37	YP/AJ	Ok
63	AR1248CCC500	PO099242.D	01 Nov 2023 06:54	YP/AJ	Ok,M
64	AR1254CCC500	PO099243.D	01 Nov 2023 07:11	YP/AJ	Ok,M
65	I.BLK	PO099244.D	01 Nov 2023 07:28	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP061280.D	27 Oct 2023 10:31	YP\AJ	Ok
2	I.BLK	PP061281.D	27 Oct 2023 10:47	YP\AJ	Ok
3	AR1660ICC1000	PP061282.D	27 Oct 2023 11:03	YP\AJ	Ok
4	AR1660ICC750	PP061283.D	27 Oct 2023 11:20	YP\AJ	Ok
5	AR1660ICC500	PP061284.D	27 Oct 2023 11:36	YP\AJ	Ok
6	AR1660ICC250	PP061285.D	27 Oct 2023 11:52	YP\AJ	Ok
7	AR1660ICC050	PP061286.D	27 Oct 2023 12:08	YP\AJ	Ok,M
8	AR1221ICC500	PP061287.D	27 Oct 2023 12:25	YP\AJ	Ok
9	AR1232ICC500	PP061288.D	27 Oct 2023 12:41	YP\AJ	Ok
10	AR1242ICC1000	PP061289.D	27 Oct 2023 12:57	YP\AJ	Ok
11	AR1242ICC750	PP061290.D	27 Oct 2023 13:13	YP\AJ	Ok
12	AR1242ICC500	PP061291.D	27 Oct 2023 13:30	YP\AJ	Ok
13	AR1242ICC250	PP061292.D	27 Oct 2023 13:46	YP\AJ	Ok,M
14	AR1242ICC050	PP061293.D	27 Oct 2023 14:02	YP\AJ	Ok,M
15	AR1248ICC1000	PP061294.D	27 Oct 2023 14:19	YP\AJ	Ok
16	AR1248ICC750	PP061295.D	27 Oct 2023 14:35	YP\AJ	Ok
17	AR1248ICC500	PP061296.D	27 Oct 2023 14:51	YP\AJ	Ok
18	AR1248ICC250	PP061297.D	27 Oct 2023 15:08	YP\AJ	Ok
19	AR1248ICC050	PP061298.D	27 Oct 2023 15:24	YP\AJ	Ok,M
20	AR1254ICC1000	PP061299.D	27 Oct 2023 15:40	YP\AJ	Ok
21	AR1254ICC750	PP061300.D	27 Oct 2023 15:57	YP\AJ	Ok
22	AR1254ICC500	PP061301.D	27 Oct 2023 16:13	YP\AJ	Ok
23	AR1254ICC250	PP061302.D	27 Oct 2023 16:30	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PP061303.D	27 Oct 2023 16:46	YP\AJ	Ok
25	AR1262ICC500	PP061304.D	27 Oct 2023 17:02	YP\AJ	Ok
26	AR1268ICC1000	PP061305.D	27 Oct 2023 17:19	YP\AJ	Ok
27	AR1268ICC750	PP061306.D	27 Oct 2023 17:35	YP\AJ	Ok
28	AR1268ICC500	PP061307.D	27 Oct 2023 17:51	YP\AJ	Ok
29	AR1268ICC250	PP061308.D	27 Oct 2023 18:08	YP\AJ	Ok
30	AR1268ICC050	PP061309.D	27 Oct 2023 18:24	YP\AJ	Ok
31	PP102723ICV500	PP061310.D	27 Oct 2023 18:41	YP\AJ	Ok
32	AR1242ICV500	PP061311.D	27 Oct 2023 18:57	YP\AJ	Ok
33	AR1248ICV500	PP061312.D	27 Oct 2023 19:14	YP\AJ	Ok
34	AR1254ICV500	PP061313.D	27 Oct 2023 19:30	YP\AJ	Not Ok
35	AR1268ICV500	PP061314.D	27 Oct 2023 19:46	YP\AJ	Ok
36	AR1254ICV500	PP061315.D	27 Oct 2023 23:34	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP061316.D	30 Oct 2023 08:39	YP\AJ	Ok
2	AR1660CCC500	PP061317.D	30 Oct 2023 08:55	YP\AJ	Ok,M
3	AR1242CCC500	PP061318.D	30 Oct 2023 09:19	YP\AJ	Ok
4	AR1248CCC500	PP061319.D	30 Oct 2023 09:35	YP\AJ	Ok
5	AR1254CCC500	PP061320.D	30 Oct 2023 10:00	YP\AJ	Ok
6	I.BLK	PP061321.D	30 Oct 2023 10:38	YP\AJ	Ok
7	PB156733BL	PP061322.D	30 Oct 2023 10:58	YP\AJ	Ok
8	PB156733BS	PP061323.D	30 Oct 2023 11:14	YP\AJ	Ok,M
9	O5144-01	PP061324.D	30 Oct 2023 11:31	YP\AJ	Ok,M
10	O5144-02	PP061325.D	30 Oct 2023 11:47	YP\AJ	Ok
11	O5144-03	PP061326.D	30 Oct 2023 12:05	YP\AJ	Ok,M
12	O5144-04	PP061327.D	30 Oct 2023 12:21	YP\AJ	Ok
13	O5144-05	PP061328.D	30 Oct 2023 12:38	YP\AJ	Ok
14	O5144-06	PP061329.D	30 Oct 2023 12:54	YP\AJ	Ok,M
15	O5144-07	PP061330.D	30 Oct 2023 13:10	YP\AJ	Ok
16	O5144-08	PP061331.D	30 Oct 2023 13:26	YP\AJ	Ok
17	AR1660CCC500	PP061332.D	30 Oct 2023 14:09	YP\AJ	Ok
18	AR1242CCC500	PP061333.D	30 Oct 2023 14:42	YP\AJ	Ok,M
19	AR1248CCC500	PP061334.D	30 Oct 2023 14:58	YP\AJ	Ok
20	AR1254CCC500	PP061335.D	30 Oct 2023 15:14	YP\AJ	Ok
21	I.BLK	PP061336.D	30 Oct 2023 15:30	YP\AJ	Ok
22	PB156728BL	PP061337.D	30 Oct 2023 15:47	YP\AJ	Ok
23	PB156728BS	PP061338.D	30 Oct 2023 16:03	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5098-03	PP061339.D	30 Oct 2023 16:19	YP\AJ	Ok,M
25	O5108-01	PP061340.D	30 Oct 2023 16:36	YP\AJ	Ok
26	O5108-02	PP061341.D	30 Oct 2023 16:52	YP\AJ	Ok
27	O5108-02MS	PP061342.D	30 Oct 2023 17:08	YP\AJ	Ok,M
28	O5108-02MSD	PP061343.D	30 Oct 2023 17:25	YP\AJ	Ok,M
29	O5110-01	PP061344.D	30 Oct 2023 17:41	YP\AJ	Ok,M
30	O5124-01	PP061345.D	30 Oct 2023 17:57	YP\AJ	Ok
31	O5124-02	PP061346.D	30 Oct 2023 18:14	YP\AJ	Ok,M
32	AR1660CCC500	PP061347.D	30 Oct 2023 19:07	YP\AJ	Ok,M
33	AR1242CCC500	PP061348.D	30 Oct 2023 19:39	YP\AJ	Ok,M
34	AR1248CCC500	PP061349.D	30 Oct 2023 19:56	YP\AJ	Ok
35	AR1254CCC500	PP061350.D	30 Oct 2023 20:12	YP\AJ	Ok
36	I.BLK	PP061351.D	30 Oct 2023 20:29	YP\AJ	Ok
37	O5124-03	PP061352.D	30 Oct 2023 20:45	YP\AJ	Ok,M
38	O5124-04	PP061353.D	30 Oct 2023 21:01	YP\AJ	Ok
39	O5135-02	PP061354.D	30 Oct 2023 21:18	YP\AJ	Ok,M
40	O5136-01	PP061355.D	30 Oct 2023 21:34	YP\AJ	Ok
41	O5136-02	PP061356.D	30 Oct 2023 21:50	YP\AJ	Ok
42	O5137-01	PP061357.D	30 Oct 2023 22:07	YP\AJ	Ok
43	O5138-01	PP061358.D	30 Oct 2023 22:23	YP\AJ	Ok
44	O5143-03	PP061359.D	30 Oct 2023 22:39	YP\AJ	Ok
45	O5143-04	PP061360.D	30 Oct 2023 22:56	YP\AJ	Ok
46	O5134-03	PP061361.D	30 Oct 2023 23:12	YP\AJ	Ok,M
47	AR1660CCC500	PP061362.D	31 Oct 2023 00:05	YP\AJ	Ok
48	AR1242CCC500	PP061363.D	31 Oct 2023 00:38	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	AR1248CCC500	PP061364.D	31 Oct 2023 00:54	YP\AJ	Ok,M
50	AR1254CCC500	PP061365.D	31 Oct 2023 01:10	YP\AJ	Ok
51	I.BLK	PP061366.D	31 Oct 2023 01:27	YP\AJ	Ok
52	PB156726BL	PP061367.D	31 Oct 2023 01:43	YP\AJ	Ok
53	PB156726BS	PP061368.D	31 Oct 2023 01:59	YP\AJ	Ok,M
54	PB156726BSD	PP061369.D	31 Oct 2023 02:16	YP\AJ	Ok,M
55	O5094-01	PP061370.D	31 Oct 2023 02:32	YP\AJ	Ok
56	O5106-02	PP061371.D	31 Oct 2023 02:48	YP\AJ	Ok
57	O5106-03	PP061372.D	31 Oct 2023 03:05	YP\AJ	Ok
58	O5107-16	PP061373.D	31 Oct 2023 03:21	YP\AJ	Not Ok
59	O5107-17	PP061374.D	31 Oct 2023 03:37	YP\AJ	Ok,M
60	O5107-18	PP061375.D	31 Oct 2023 03:54	YP\AJ	Ok
61	O5107-19	PP061376.D	31 Oct 2023 04:10	YP\AJ	Ok,M
62	AR1660CCC500	PP061377.D	31 Oct 2023 05:03	YP\AJ	Ok,M
63	AR1242CCC500	PP061378.D	31 Oct 2023 05:36	YP\AJ	Ok
64	AR1248CCC500	PP061379.D	31 Oct 2023 05:52	YP\AJ	Ok
65	AR1254CCC500	PP061380.D	31 Oct 2023 06:08	YP\AJ	Ok
66	I.BLK	PP061381.D	31 Oct 2023 06:25	YP\AJ	Ok
67	O5107-20	PP061382.D	31 Oct 2023 06:41	YP\AJ	ReRun
68	O5107-21	PP061383.D	31 Oct 2023 06:57	YP\AJ	Ok
69	O5108-04	PP061384.D	31 Oct 2023 07:14	YP\AJ	Ok
70	O5126-09	PP061385.D	31 Oct 2023 07:30	YP\AJ	Ok,M
71	PB156751BL	PP061386.D	31 Oct 2023 07:46	YP\AJ	Ok,M
72	PB156751BS	PP061387.D	31 Oct 2023 08:02	YP\AJ	Ok
73	O5131-01	PP061388.D	31 Oct 2023 08:19	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

74	O5131-02	PP061389.D	31 Oct 2023 08:35	YP\AJ	Not Ok
75	O5131-03	PP061390.D	31 Oct 2023 08:52	YP\AJ	Not Ok
76	O5135-01	PP061391.D	31 Oct 2023 09:08	YP\AJ	Ok,M
77	AR1660CCC500	PP061392.D	31 Oct 2023 11:48	YP\AJ	Ok,M
78	I.BLK	PP061393.D	31 Oct 2023 12:05	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO098874.D	24 Oct 2023 20:45		YP/AJ	Ok
2	I.BLK	I.BLK	PO098875.D	24 Oct 2023 21:01	method saved as PO102523.M	YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO098876.D	24 Oct 2023 21:19		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO098877.D	24 Oct 2023 21:36		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO098878.D	24 Oct 2023 21:53		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO098879.D	24 Oct 2023 22:09		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO098880.D	24 Oct 2023 22:27		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO098881.D	24 Oct 2023 22:43		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO098882.D	24 Oct 2023 23:00		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO098883.D	24 Oct 2023 23:17		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO098884.D	24 Oct 2023 23:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO098885.D	24 Oct 2023 23:51		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO098886.D	25 Oct 2023 00:08		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO098887.D	25 Oct 2023 00:25		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO098888.D	25 Oct 2023 00:42		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO098889.D	25 Oct 2023 00:59		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO098890.D	25 Oct 2023 01:16		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO098891.D	25 Oct 2023 01:33		YP/AJ	Ok
19	AR1248ICC050	AR1248ICC050	PO098892.D	25 Oct 2023 01:50		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254ICC1000	AR1254ICC1000	PO098893.D	25 Oct 2023 02:07		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO098894.D	25 Oct 2023 02:24		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO098895.D	25 Oct 2023 02:41		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO098896.D	25 Oct 2023 02:58		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO098897.D	25 Oct 2023 03:15		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO098898.D	25 Oct 2023 03:32		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO098899.D	25 Oct 2023 03:49		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO098900.D	25 Oct 2023 04:06		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO098901.D	25 Oct 2023 04:22		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO098902.D	25 Oct 2023 04:39		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO098903.D	25 Oct 2023 04:56		YP/AJ	Ok
31	PO102423ICV500	ICVPO102423	PO098904.D	25 Oct 2023 05:13		YP/AJ	Ok
32	AR1242ICV500	ICVPO102423AR1242	PO098905.D	25 Oct 2023 05:30		YP/AJ	Ok
33	AR1248ICV500	ICVPO102423AR1248	PO098906.D	25 Oct 2023 05:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO102423AR1254	PO098907.D	25 Oct 2023 06:04		YP/AJ	Ok
35	AR1268ICV500	ICVPO102423AR1268	PO098908.D	25 Oct 2023 06:21	DCB high in both column.	YP/AJ	Ok

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO099119.D	30 Oct 2023 08:39		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO099120.D	30 Oct 2023 09:21		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO099121.D	30 Oct 2023 09:42		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO099122.D	30 Oct 2023 10:00		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO099123.D	30 Oct 2023 10:35		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO099124.D	30 Oct 2023 10:52		YP/AJ	Ok
7	O5092-01	CHRT-20058	PO099125.D	30 Oct 2023 11:09		YP/AJ	Ok,M
8	O5144-09	C-12-1276-END-1-1	PO099126.D	30 Oct 2023 11:26		YP/AJ	Ok
9	O5144-10	C-12-1276-END-1-2	PO099127.D	30 Oct 2023 11:43		YP/AJ	Ok,M
10	O5144-11	GHAS574Q-END-1-1	PO099128.D	30 Oct 2023 12:00	AR1254 HIT	YP/AJ	Ok,M
11	O5144-12	GHAS574Q-END-1-2	PO099129.D	30 Oct 2023 12:17	AR1254 HIT	YP/AJ	Ok,M
12	O5098-01	COMP-1	PO099130.D	30 Oct 2023 12:33		YP/AJ	Ok
13	O5098-02	000126	PO099131.D	30 Oct 2023 12:50		YP/AJ	Ok,M
14	O5098-04	00092	PO099132.D	30 Oct 2023 13:07		YP/AJ	Ok,M
15	O5108-03	1023-C	PO099133.D	30 Oct 2023 13:24	DCB high in both Column	YP/AJ	ReRun
16	O5134-01	60194	PO099134.D	30 Oct 2023 13:41	DCB high in First Column	YP/AJ	Ok
17	AR1660CCC500	AR1660CCC500	PO099135.D	30 Oct 2023 15:30		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO099136.D	30 Oct 2023 15:47		YP/AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PO099137.D	30 Oct 2023 16:38		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254CCC500	AR1254CCC500	PO099138.D	30 Oct 2023 16:55		YP/AJ	Ok,M
21	I.BLK	I.BLK	PO099139.D	30 Oct 2023 17:12		YP/AJ	Ok
22	O5107-01DL	1048DL	PO099140.D	30 Oct 2023 17:29	AR1242 Hit, Need further dilution	YP/AJ	Not Ok
23	O5107-02DL	1049DL	PO099141.D	30 Oct 2023 17:46	AR1242 Hit, Need further dilution	YP/AJ	Not Ok
24	O5107-03DL	1073DL	PO099142.D	30 Oct 2023 18:03	AR1242 Hit	YP/AJ	Ok
25	O5107-04DL	1074DL	PO099143.D	30 Oct 2023 18:20	AR1242 Hit	YP/AJ	Ok
26	O5107-05DL	1075DL	PO099144.D	30 Oct 2023 18:37	AR1242 Hit	YP/AJ	Ok
27	O5107-06DL	1076DL	PO099145.D	30 Oct 2023 18:54	AR1242 Hit	YP/AJ	Ok
28	O5107-07DL	1077DL	PO099146.D	30 Oct 2023 19:10	AR1242 Hit	YP/AJ	Ok
29	O5107-08DL	1078DL	PO099147.D	30 Oct 2023 19:27	AR1242 Hit, Need further dilution	YP/AJ	Not Ok
30	O5107-09DL	1079DL	PO099148.D	30 Oct 2023 19:44	AR1242 Hit	YP/AJ	Ok
31	O5107-10DL	1080DL	PO099149.D	30 Oct 2023 20:01	AR1242 Hit	YP/AJ	Ok
32	AR1660CCC500	AR1660CCC500	PO099150.D	30 Oct 2023 21:04		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO099151.D	30 Oct 2023 21:37		YP/AJ	Ok
34	AR1248CCC500	AR1248CCC500	PO099152.D	30 Oct 2023 22:28		YP/AJ	Ok
35	AR1254CCC500	AR1254CCC500	PO099153.D	30 Oct 2023 22:45		YP/AJ	Ok,M
36	I.BLK	I.BLK	PO099154.D	30 Oct 2023 23:02		YP/AJ	Ok
37	PB156750BL	PB156750BL	PO099155.D	30 Oct 2023 23:19		YP/AJ	Ok
38	PB156750BS	PB156750BS	PO099156.D	30 Oct 2023 23:36		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103023

Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

39	O5125-01	WC-1	PO099157.D	30 Oct 2023 23:53	AR1260 Hit	YP/AJ	Ok,M
40	O5125-02	WC-2	PO099158.D	31 Oct 2023 00:10	DCB high in Both column, need clean up	YP/AJ	Not Ok
41	O5125-03	DUC-1	PO099159.D	31 Oct 2023 00:27	DCB high in second column	YP/AJ	Ok,M
42	O5125-04	DC-1	PO099160.D	31 Oct 2023 00:43		YP/AJ	Ok
43	O5125-05	LC-1	PO099161.D	31 Oct 2023 01:00	Surrogate Fail	YP/AJ	Not Ok
44	O5125-06	WC-3	PO099162.D	31 Oct 2023 01:17	need clean up	YP/AJ	Not Ok
45	O5125-07	WG-1	PO099163.D	31 Oct 2023 01:34	AR1254 hits	YP/AJ	Ok,M
46	O5107-11DL	1081DL	PO099164.D	31 Oct 2023 01:51	AR1242 Hit	YP/AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PO099165.D	31 Oct 2023 02:53		YP/AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PO099166.D	31 Oct 2023 03:27		YP/AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PO099167.D	31 Oct 2023 04:18		YP/AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PO099168.D	31 Oct 2023 04:35		YP/AJ	Ok,M
51	I.BLK	I.BLK	PO099169.D	31 Oct 2023 04:52		YP/AJ	Ok
52	O5125-08	FSC-1	PO099170.D	31 Oct 2023 05:08	AR1254 hits.	YP/AJ	Ok
53	O5126-04	LQ-4	PO099171.D	31 Oct 2023 05:25	Tcmx high in 1st column	YP/AJ	Ok,M
54	O5126-05	LQ-5	PO099172.D	31 Oct 2023 05:42	DCB high in 1st column	YP/AJ	Ok
55	O5126-07	LQ-7	PO099173.D	31 Oct 2023 05:59	DCB high in 1st column	YP/AJ	Ok
56	O5128-01	SOL-1	PO099174.D	31 Oct 2023 06:16	DCB high in 2nd column	YP/AJ	Ok,M
57	O5128-02	SOL-2	PO099175.D	31 Oct 2023 06:33		YP/AJ	Ok,M
58	O5128-03	SOL-3	PO099176.D	31 Oct 2023 06:50	DCB high in 2nd column	YP/AJ	Ok

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Review By	yogesh	Review On	10/30/2023 12:21:27 PM		
Supervise By	mohammad	Supervise On	11/2/2023 5:01:36 PM		
SubDirectory	PO103023	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

59	O5131-04	B-1	PO099177.D	31 Oct 2023 07:07	AR1260 hits	YP/AJ	Ok,M
60	AR1660CCC500	AR1660CCC500	PO099178.D	31 Oct 2023 08:09		YP/AJ	Ok,M
61	I.BLK	I.BLK	PO099179.D	31 Oct 2023 08:26		YP/AJ	Ok,M

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO099180.D	31 Oct 2023 09:04		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO099181.D	31 Oct 2023 09:20		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO099182.D	31 Oct 2023 09:47		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO099183.D	31 Oct 2023 10:04		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO099184.D	31 Oct 2023 10:22		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO099185.D	31 Oct 2023 10:40		YP/AJ	Ok
7	O5108-03	1023-C	PO099186.D	31 Oct 2023 10:58		YP/AJ	Ok,M
8	O5125-05	LC-1	PO099187.D	31 Oct 2023 11:15		YP/AJ	Ok,M
9	O5125-02	WC-2	PO099188.D	31 Oct 23 11:32 am		YP/AJ	Ok,M
10	O5125-06	WC-3	PO099189.D	31 Oct 2023 11:49		YP/AJ	Ok,M
11	O5107-01DL	1048DL	PO099190.D	31 Oct 2023 12:06	AR1242 hit	YP/AJ	Ok,M
12	O5107-02DL	1049DL	PO099191.D	31 Oct 2023 12:23	AR1242 hit	YP/AJ	Ok,M
13	O5107-08DL	1078DL	PO099192.D	31 Oct 2023 12:40	AR1242 hit	YP/AJ	Ok,M
14	O5107-16	AQ-COMP	PO099193.D	31 Oct 2023 12:57	Tcmx high in 1st column	YP/AJ	Ok
15	O5107-20RE	1050RE	PO099194.D	31 Oct 2023 13:13	DCB low in both column	YP/AJ	Confirms
16	AR1660CCC500	AR1660CCC500	PO099195.D	31 Oct 2023 14:16		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO099196.D	31 Oct 2023 14:50		YP/AJ	Ok
18	AR1248CCC500	AR1248CCC500	PO099197.D	31 Oct 2023 15:07		YP/AJ	Ok
19	AR1254CCC500	AR1254CCC500	PO099198.D	31 Oct 2023 15:23		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	I.BLK	I.BLK	PO099199.D	31 Oct 2023 15:40		YP/AJ	Ok
21	PB156754BL	PB156754BL	PO099200.D	31 Oct 2023 15:57		YP/AJ	Ok
22	PB156754BS	PB156754BS	PO099201.D	31 Oct 2023 16:14		YP/AJ	Ok,M
23	O5128-04	SOL-4	PO099202.D	31 Oct 2023 16:31		YP/AJ	Ok
24	O5128-05	SOL-5	PO099203.D	31 Oct 2023 16:48		YP/AJ	Ok
25	O5142-01	PSC-124037	PO099204.D	31 Oct 2023 17:05	AR1016 Hit	YP/AJ	Ok
26	O5142-01MS	PSC-124037MS	PO099205.D	31 Oct 2023 17:21		YP/AJ	Ok,M
27	O5142-01MSD	PSC-124037MSD	PO099206.D	31 Oct 2023 17:38		YP/AJ	Ok,M
28	O5145-01	TR-06-10272023	PO099207.D	31 Oct 2023 17:55		YP/AJ	Ok
29	O5162-01	HD-01-10302023	PO099208.D	31 Oct 2023 18:12		YP/AJ	Ok
30	O5162-03	HD-02-10302023	PO099209.D	31 Oct 2023 18:29		YP/AJ	Ok
31	AR1660CCC500	AR1660CCC500	PO099210.D	31 Oct 2023 19:31		YP/AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PO099211.D	31 Oct 2023 20:05		YP/AJ	Ok
33	AR1248CCC500	AR1248CCC500	PO099212.D	31 Oct 2023 20:22		YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO099213.D	31 Oct 2023 20:39		YP/AJ	Ok,M
35	I.BLK	I.BLK	PO099214.D	31 Oct 2023 20:56		YP/AJ	Ok
36	PB156796BL	PB156796BL	PO099215.D	31 Oct 2023 21:13		YP/AJ	Ok
37	PB156796BS	PB156796BS	PO099216.D	31 Oct 2023 21:30		YP/AJ	Ok,M
38	O5161-01	BC147245-1-1	PO099217.D	31 Oct 2023 21:47		YP/AJ	Ok,M
39	O5161-02	BC147245-1-2	PO099218.D	31 Oct 2023 22:04		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

40	O5161-03	HIA624Y-1-1	PO099219.D	31 Oct 2023 22:21		YP/AJ	Ok
41	O5161-04	HIA624Y-1-2	PO099220.D	31 Oct 2023 22:38		YP/AJ	Ok
42	O5161-05	BC271214-1-1	PO099221.D	31 Oct 2023 22:55		YP/AJ	Ok
43	O5161-06	BC271214-1-2	PO099222.D	31 Oct 2023 23:12		YP/AJ	Ok,M
44	O5161-07	BC271214-2-1	PO099223.D	31 Oct 2023 23:28		YP/AJ	Ok
45	O5161-08	BC271214-2-2	PO099224.D	31 Oct 2023 23:45		YP/AJ	Ok
46	AR1660CCC500	AR1660CCC500	PO099225.D	01 Nov 2023 00:48		YP/AJ	Ok,M
47	AR1242CCC500	AR1242CCC500	PO099226.D	01 Nov 2023 01:21		YP/AJ	Ok
48	AR1248CCC500	AR1248CCC500	PO099227.D	01 Nov 2023 01:38		YP/AJ	Ok
49	AR1254CCC500	AR1254CCC500	PO099228.D	01 Nov 2023 01:55		YP/AJ	Ok,M
50	I.BLK	I.BLK	PO099229.D	01 Nov 2023 02:12		YP/AJ	Ok
51	PB156795BL	PB156795BL	PO099230.D	01 Nov 2023 02:29		YP/AJ	Ok
52	PB156795BS	PB156795BS	PO099231.D	01 Nov 2023 02:46		YP/AJ	Ok,M
53	O5163-01	1	PO099232.D	01 Nov 2023 03:03		YP/AJ	Ok
54	O5163-02	2	PO099233.D	01 Nov 2023 03:20		YP/AJ	Ok,M
55	O5163-03	3	PO099234.D	01 Nov 2023 03:37		YP/AJ	Ok
56	O5163-04	4	PO099235.D	01 Nov 2023 03:54		YP/AJ	Ok
57	O5163-05	5	PO099236.D	01 Nov 2023 04:11		YP/AJ	Ok
58	O5163-06	6	PO099237.D	01 Nov 2023 04:27		YP/AJ	Ok
59	O5163-07	7	PO099238.D	01 Nov 2023 04:44		YP/AJ	Ok

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO103123

Review By	yogesh	Review On	10/31/2023 11:38:09 AM		
Supervise By	mohammad	Supervise On	11/2/2023 5:00:40 PM		
SubDirectory	PO103123	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

60	O5163-08	8	PO099239.D	01 Nov 2023 05:01		YP/AJ	Ok
61	AR1660CCC500	AR1660CCC500	PO099240.D	01 Nov 2023 06:03		YP/AJ	Ok,M
62	AR1242CCC500	AR1242CCC500	PO099241.D	01 Nov 2023 06:37		YP/AJ	Ok
63	AR1248CCC500	AR1248CCC500	PO099242.D	01 Nov 2023 06:54		YP/AJ	Ok,M
64	AR1254CCC500	AR1254CCC500	PO099243.D	01 Nov 2023 07:11		YP/AJ	Ok,M
65	I.BLK	I.BLK	PO099244.D	01 Nov 2023 07:28		YP/AJ	Ok,M

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP061280.D	27 Oct 2023 10:31		YP\AJ	Ok
2	I.BLK	I.BLK	PP061281.D	27 Oct 2023 10:47		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP061282.D	27 Oct 2023 11:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP061283.D	27 Oct 2023 11:20		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP061284.D	27 Oct 2023 11:36		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP061285.D	27 Oct 2023 11:52		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP061286.D	27 Oct 2023 12:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP061287.D	27 Oct 2023 12:25		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP061288.D	27 Oct 2023 12:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP061289.D	27 Oct 2023 12:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP061290.D	27 Oct 2023 13:13		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP061291.D	27 Oct 2023 13:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP061292.D	27 Oct 2023 13:46		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP061293.D	27 Oct 2023 14:02		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP061294.D	27 Oct 2023 14:19		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP061295.D	27 Oct 2023 14:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP061296.D	27 Oct 2023 14:51		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP061297.D	27 Oct 2023 15:08		YP\AJ	Ok
19	AR1248ICC050	AR1248ICC050	PP061298.D	27 Oct 2023 15:24		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254ICC1000	AR1254ICC1000	PP061299.D	27 Oct 2023 15:40		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP061300.D	27 Oct 2023 15:57		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP061301.D	27 Oct 2023 16:13		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP061302.D	27 Oct 2023 16:30		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP061303.D	27 Oct 2023 16:46		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PP061304.D	27 Oct 2023 17:02		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP061305.D	27 Oct 2023 17:19		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP061306.D	27 Oct 2023 17:35		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP061307.D	27 Oct 2023 17:51		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP061308.D	27 Oct 2023 18:08		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP061309.D	27 Oct 2023 18:24		YP\AJ	Ok
31	PP102723ICV500	ICVPP102723	PP061310.D	27 Oct 2023 18:41		YP\AJ	Ok
32	AR1242ICV500	ICVPP102723AR1242	PP061311.D	27 Oct 2023 18:57		YP\AJ	Ok
33	AR1248ICV500	ICVPP102723AR1248	PP061312.D	27 Oct 2023 19:14		YP\AJ	Ok
34	AR1254ICV500	ICVPP102723AR1254	PP061313.D	27 Oct 2023 19:30	AR1254-2 peak high in 1st column	YP\AJ	Not Ok
35	AR1268ICV500	ICVPP102723AR1268	PP061314.D	27 Oct 2023 19:46		YP\AJ	Ok
36	AR1254ICV500	ICVPP102723AR1254	PP061315.D	27 Oct 2023 23:34		YP\AJ	Ok

M : Manual Integration

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP061316.D	30 Oct 2023 08:39		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP061317.D	30 Oct 2023 08:55		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP061318.D	30 Oct 2023 09:19		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP061319.D	30 Oct 2023 09:35		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP061320.D	30 Oct 2023 10:00		YP\AJ	Ok
6	I.BLK	I.BLK	PP061321.D	30 Oct 2023 10:38		YP\AJ	Ok
7	PB156733BL	PB156733BL	PP061322.D	30 Oct 2023 10:58		YP\AJ	Ok
8	PB156733BS	PB156733BS	PP061323.D	30 Oct 2023 11:14		YP\AJ	Ok,M
9	O5144-01	BC247919-LOK-END-1	PP061324.D	30 Oct 2023 11:31		YP\AJ	Ok,M
10	O5144-02	BC247919-LOK-END-1	PP061325.D	30 Oct 2023 11:47		YP\AJ	Ok
11	O5144-03	KMH4000-END-1-1	PP061326.D	30 Oct 2023 12:05	DCB high 1st column	YP\AJ	Ok,M
12	O5144-04	KMH4000-END-1-2	PP061327.D	30 Oct 2023 12:21		YP\AJ	Ok
13	O5144-05	BV254744LOZ-END-1-	PP061328.D	30 Oct 2023 12:38		YP\AJ	Ok
14	O5144-06	BV254744LOZ-END-1-	PP061329.D	30 Oct 2023 12:54		YP\AJ	Ok,M
15	O5144-07	BC771283L02-END-1-1	PP061330.D	30 Oct 2023 13:10	AR1254 HIT	YP\AJ	Ok
16	O5144-08	BC771283L02-END-1-2	PP061331.D	30 Oct 2023 13:26	AR1254 HIT	YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP061332.D	30 Oct 2023 14:09		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP061333.D	30 Oct 2023 14:42		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP061334.D	30 Oct 2023 14:58		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254CCC500	AR1254CCC500	PP061335.D	30 Oct 2023 15:14		YP\AJ	Ok
21	I.BLK	I.BLK	PP061336.D	30 Oct 2023 15:30		YP\AJ	Ok
22	PB156728BL	PB156728BL	PP061337.D	30 Oct 2023 15:47		YP\AJ	Ok
23	PB156728BS	PB156728BS	PP061338.D	30 Oct 2023 16:03		YP\AJ	Ok,M
24	O5098-03	00094	PP061339.D	30 Oct 2023 16:19	AR1260 Hit	YP\AJ	Ok,M
25	O5108-01	1023-A	PP061340.D	30 Oct 2023 16:36		YP\AJ	Ok
26	O5108-02	1023-B	PP061341.D	30 Oct 2023 16:52		YP\AJ	Ok
27	O5108-02MS	1023-BMS	PP061342.D	30 Oct 2023 17:08		YP\AJ	Ok,M
28	O5108-02MSD	1023-BMSD	PP061343.D	30 Oct 2023 17:25		YP\AJ	Ok,M
29	O5110-01	2943	PP061344.D	30 Oct 2023 17:41		YP\AJ	Ok,M
30	O5124-01	LP-1	PP061345.D	30 Oct 2023 17:57	AR1260 Hit	YP\AJ	Ok
31	O5124-02	LP-2	PP061346.D	30 Oct 2023 18:14	AR1260 Hit	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP061347.D	30 Oct 2023 19:07		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP061348.D	30 Oct 2023 19:39		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP061349.D	30 Oct 2023 19:56		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP061350.D	30 Oct 2023 20:12		YP\AJ	Ok
36	I.BLK	I.BLK	PP061351.D	30 Oct 2023 20:29		YP\AJ	Ok
37	O5124-03	LP-3	PP061352.D	30 Oct 2023 20:45	AR1254 Hit	YP\AJ	Ok,M
38	O5124-04	LP-4	PP061353.D	30 Oct 2023 21:01	AR1254 Hit	YP\AJ	Ok
39	O5135-02	CHRT-20413	PP061354.D	30 Oct 2023 21:18	AR1248+ AR1254 Hit	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

40	O5136-01	SLUDGE-COMP	PP061355.D	30 Oct 2023 21:34		YP\AJ	Ok
41	O5136-02	SAND-BLAST-COMP	PP061356.D	30 Oct 2023 21:50		YP\AJ	Ok
42	O5137-01	FAIR-LAWN-CONC	PP061357.D	30 Oct 2023 22:07		YP\AJ	Ok
43	O5138-01	348	PP061358.D	30 Oct 2023 22:23		YP\AJ	Ok
44	O5143-03	COMPOSITE-1	PP061359.D	30 Oct 2023 22:39		YP\AJ	Ok
45	O5143-04	COMPOSITE-1	PP061360.D	30 Oct 2023 22:56		YP\AJ	Ok
46	O5134-03	60195	PP061361.D	30 Oct 2023 23:12		YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP061362.D	31 Oct 2023 00:05		YP\AJ	Ok
48	AR1242CCC500	AR1242CCC500	PP061363.D	31 Oct 2023 00:38		YP\AJ	Ok
49	AR1248CCC500	AR1248CCC500	PP061364.D	31 Oct 2023 00:54		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP061365.D	31 Oct 2023 01:10		YP\AJ	Ok
51	I.BLK	I.BLK	PP061366.D	31 Oct 2023 01:27		YP\AJ	Ok
52	PB156726BL	PB156726BL	PP061367.D	31 Oct 2023 01:43		YP\AJ	Ok
53	PB156726BS	PB156726BS	PP061368.D	31 Oct 2023 01:59		YP\AJ	Ok,M
54	PB156726BSD	PB156726BSD	PP061369.D	31 Oct 2023 02:16		YP\AJ	Ok,M
55	O5094-01	375	PP061370.D	31 Oct 2023 02:32	DCB low in First Column	YP\AJ	Ok
56	O5106-02	T3212	PP061371.D	31 Oct 2023 02:48		YP\AJ	Ok
57	O5106-03	D3265	PP061372.D	31 Oct 2023 03:05		YP\AJ	Ok
58	O5107-16	AQ-COMP	PP061373.D	31 Oct 2023 03:21	Tcmx high in 1st column, F Flag in DCB in 1st column	YP\AJ	Not Ok
59	O5107-17	1072	PP061374.D	31 Oct 2023 03:37		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP103023

Review By	yogesh	Review On	10/30/2023 11:23:04 AM		
Supervise By	mohammad	Supervise On	11/2/2023 4:51:42 PM		
SubDirectory	PP103023	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

60	O5107-18	1071	PP061375.D	31 Oct 2023 03:54		YP\AJ	Ok
61	O5107-19	1051	PP061376.D	31 Oct 2023 04:10		YP\AJ	Ok,M
62	AR1660CCC500	AR1660CCC500	PP061377.D	31 Oct 2023 05:03		YP\AJ	Ok,M
63	AR1242CCC500	AR1242CCC500	PP061378.D	31 Oct 2023 05:36		YP\AJ	Ok
64	AR1248CCC500	AR1248CCC500	PP061379.D	31 Oct 2023 05:52		YP\AJ	Ok
65	AR1254CCC500	AR1254CCC500	PP061380.D	31 Oct 2023 06:08		YP\AJ	Ok
66	I.BLK	I.BLK	PP061381.D	31 Oct 2023 06:25		YP\AJ	Ok
67	O5107-20	1050	PP061382.D	31 Oct 2023 06:41	DCB low in both column	YP\AJ	ReRun
68	O5107-21	1082	PP061383.D	31 Oct 2023 06:57		YP\AJ	Ok
69	O5108-04	NWB-1965	PP061384.D	31 Oct 2023 07:14		YP\AJ	Ok
70	O5126-09	WT-1	PP061385.D	31 Oct 2023 07:30		YP\AJ	Ok,M
71	PB156751BL	PB156751BL	PP061386.D	31 Oct 2023 07:46		YP\AJ	Ok,M
72	PB156751BS	PB156751BS	PP061387.D	31 Oct 2023 08:02		YP\AJ	Ok
73	O5131-01	W-1	PP061388.D	31 Oct 2023 08:19	AR1242 & AR1260 hits	YP\AJ	Ok,M
74	O5131-02	W-2	PP061389.D	31 Oct 2023 08:35	AR1242 & AR1260 hits, DCB having F flag in both column	YP\AJ	Not Ok
75	O5131-03	W-3	PP061390.D	31 Oct 2023 08:52	AR1254 HIT, F flag	YP\AJ	Not Ok
76	O5135-01	34661	PP061391.D	31 Oct 2023 09:08	AR1016 hits	YP\AJ	Ok,M
77	AR1660CCC500	AR1660CCC500	PP061392.D	31 Oct 2023 11:48		YP\AJ	Ok,M
78	I.BLK	I.BLK	PP061393.D	31 Oct 2023 12:05		YP\AJ	Ok,M

M : Manual Integration

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EXTRACTION LOGPAGE

PB156726

SOP ID:	M3510C,3580A-Extraction PCB-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/28/2023
Matrix :	Water			**Extraction Start Time :**	10:32
Weigh By:	N/A	**Extraction By:**	RP	**Extraction End Date :**	10/28/2023
Balance check:	N/A	**Filter By:**	RP	**Extraction End Time :**	15:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3574	**Hood ID:**	4	**Supervisor By :**	rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP22387
Surrogate	1.0ML	200 PPB	PP22594
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3588
Baked Na2SO4	N/A	EP2402
Hexane	N/A	E3591
H2SO4 1:1	N/A	EP2379
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. O5107-21 pH Adjusted to Neutral between 6.0 to7.0 O5143-03,04 Limited volume used as samples are Oily.

KD Bath ID:	W.BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/23	RP (Ext. Lab)	R. Post/PCB Lab
9:15	Preparation Group	Analysis Group

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EXTRACTION LOGPAGE

PrepBatch ID : PB156726

Analytical Method: M3510C,3580A-Extraction PCB-14 **Concentration Date:** 10/28/2023

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156726BL	ABLK726	PCB	1000	6	ritesh	rajesh	10			SEP01
PB156726BS	ALCS726	PCB	1000	6	ritesh	rajesh	10			2
PB156726BSD	ALCSD726	PCB	1000	6	ritesh	rajesh	10			3
O5094-01	375	PCB	1000	6	ritesh	rajesh	10	C		4
O5106-02	T3212	PCB	1000	6	ritesh	rajesh	10	B		5
O5106-03	D3265	PCB	1000	6	ritesh	rajesh	10	B		6
O5107-16	AQ-COMP	PCB	1000	6	ritesh	rajesh	10	D		7
O5107-17	1072	PCB	1000	6	ritesh	rajesh	10	D		8
O5107-18	1071	PCB	1000	6	ritesh	rajesh	10	D		9
O5107-19	1051	PCB	1000	6	ritesh	rajesh	10	D		10
O5107-20	1050	PCB	1000	6	ritesh	rajesh	10	D		11
O5107-21	1082	PCB	1000	10	ritesh	rajesh	10	D		12
O5108-04	NWB-1965	PCB	1000	6	ritesh	rajesh	10	E		13
O5126-09	WT-1	PCB	1000	6	ritesh	rajesh	10	A		14
O5143-03	COMPOSITE-1	PCB	100	6	ritesh	rajesh	10	Y		15
O5143-04	COMPOSITE-1	PCB	100	6	ritesh	rajesh	10	I		16

* **Extracts relinquished on the same date as received.**

10/28/23

O5126 10/26 12

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O5094 **WorkList ID :** 175024 **Department :** Extraction **Date :** 10-28-2023 08:09:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5094-01	375	Water	PCB	Cool 4 deg C	PSEG03	I21	10/25/2023	8082A
O5106-02	T3212	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5106-03	D3265	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-16	AQ-COMP	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-17	1072	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-18	1071	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-19	1051	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-20	1050	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5107-21	1082	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5108-04	NWB-1965	Water	PCB	Cool 4 deg C	PSEG03	I41	10/26/2023	8082A
O5126-09	WT-1	Water	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5143-03	COMPOSITE-1	Water	PCB	Cool 4 deg C	PSEG03	I41	10/27/2023	8082A
O5143-04	COMPOSITE-1	Water	PCB	Cool 4 deg C	PSEG03	I41	10/27/2023	8082A

174 of 240

Date/Time 10/28/23 9:10
Raw Sample Received by: RP (Set 104)
Raw Sample Relinquished by: J.C (Sam)

Date/Time 10/28/23 8:40
Raw Sample Received by: J.C (Sam)
Raw Sample Relinquished by: RP (Set 104)

CHEMTECH

EXTRACTION LOGPAGE

PB156754

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/30/2023
Matrix :	Solid			**Extraction Start Time :**	10:30
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	10/30/2023
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:30
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP22387
Surrogate	1.0ML	200 PPB	PP22594
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2393
Baked Na2SO4	N/A	EP2402
Sand	N/A	E2865
Hexane	N/A	E3591
H2SO4 1:1	N/A	EP2379
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721. O5126-04,05,06,O5128-04,05,O5131 Limited volume used as samples are Oil,small particles, crystal material

KD Bath ID:	N/A	**Envap ID:**	NE VAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/23	RP (1st. Lab)	[illegible]
13:35	**Preparation Group**	**Analysis Group**

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB156754

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 10/30/2023

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156754BL	ABLK754	PCB	30.00	N/A	ritesh	RUPESH	10			U5-1
PB156754BS	ALCS754	PCB	30.03	N/A	ritesh	RUPESH	10			2
O5126-04	LQ-4	PCB	1.02	N/A	ritesh	RUPESH	10	A	Oil	
O5126-05	LQ-5	PCB	1.05	N/A	ritesh	RUPESH	10	A	Oil	
O5126-07	LQ-7	PCB	1.08	N/A	ritesh	RUPESH	10	A	Oil	
O5128-01	SOL-1	PCB	30.03	N/A	ritesh	RUPESH	10	A		3
O5128-02	SOL-2	PCB	10.07	N/A	ritesh	RUPESH	10	A	Light Powder	4
O5128-03	SOL-3	PCB	30.06	N/A	ritesh	RUPESH	10	A		5
O5128-04	SOL-4	PCB	10.02	N/A	ritesh	RUPESH	10	A	Crystal Mat.	6
O5128-05	SOL-5	PCB	10.08	N/A	ritesh	RUPESH	10	A	Crystal Mat.	U6-1
O5131-04	B-1	PCB	1.07	N/A	ritesh	RUPESH	10		Oil	
O5142-01	PSC-124037	PCB	30.08	N/A	ritesh	RUPESH	10	E		2
O5142-01MS	PSC-124037MS	PCB	30.03	N/A	ritesh	RUPESH	10	E		3
O5142-01MSD	PSC-124037MSD	PCB	30.01	N/A	ritesh	RUPESH	10	E		4
O5145-01	TR-06-10272023	PCB	30.04	N/A	ritesh	RUPESH	10	E		5

* **Extracts relinguished on the same date as received.**

10/30/23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O5131 **WorkList ID :** 175092 **Department :** Extraction **Date :** 10-30-2023 10:26:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5126-04	LQ-4	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5126-05	LQ-5	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5126-07	LQ-7	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5128-01	SOL-1	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5128-02	SOL-2	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5128-03	SOL-3	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5128-04	SOL-4	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5128-05	SOL-5	Solid	PCB	Cool 4 deg C	LANG01	I41	10/26/2023	8082A
O5131-04	B-1	Solid	PCB	Cool 4 deg C	TRCE02	I41	10/27/2023	8082A
O5142-01	PSC-124037	Solid	PCB	Cool 4 deg C	PSEG03	I41	10/27/2023	8082A
O5145-01	TR-06-10272023	Solid	PCB	Cool 4 deg C	PSEG05	I41	10/27/2023	8082A

Date/Time 10/30/23 10:27
Raw Sample Received by: RJ (Extr Lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/30/23 10:55
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (Extr Lab)

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey - 07092
Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	O5126	**OrderDate:**	10/27/2023 12:18:00 PM
Client:	Langan Engineering and Environmental Services, Inc	**Project:**	Con Edison Non-MGP - 3rd Ave Yard
Contact:	Greg A. DelMastro, PG	**Location:**	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O5126-04	**LQ-4**	**OIL**			**10/26/23**			**10/27/23**
			PCB	8082A		10/30/23	10/31/23	
O5126-05	**LQ-5**	**OIL**			**10/26/23**			**10/27/23**
			PCB	8082A		10/30/23	10/31/23	
O5126-07	**LQ-7**	**OIL**			**10/26/23**			**10/27/23**
			PCB	8082A		10/30/23	10/31/23	
O5126-09	**WT-1**	**WATER**			**10/26/23**			**10/27/23**
			PCB	8082A		10/28/23	10/31/23	

SAMPLE DATA

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	OIL
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-4	FF013677.D	O5126-04	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	OIL
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-5	FF013678.D	O5126-05	M

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	OIL
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-7	FF013679.D	O5126-07	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	WATER
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-1	FF013693.D	O5126-10	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	WATER
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-2	FF013685.D	O5126-11	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	WATER
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-3	FF013686.D	O5126-12	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	WATER
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-6	FF013687.D	O5126-13	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

CLIENT:	Con Edison Non-MGP - 3rd Ave Yard
CLIENT PROJECT:	Langan Engineering and Environmental Services, Inc
REPORT DATE:	11/3/2023
PROJECT RECEIVED DATE:	10/27/2023
ANALYSIS DATE	10/31/2023
EXT.DATE:	10/30/2023
MATRIX:	WATER
LAB PROJECT:	O5126

CLIENT ID	FILE ID	LAB ID	FUEL TYPE
LQ-8	FF013688.D	O5126-14	E

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS(DIELECTRIC FLUID)
WM= WEATHERED MOTOR OIL
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER

QC SAMPLE DATA

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

MATRIX:	OIL	**ANALYSIS DATE :**10/31/2023
DATE EXTRACTED:	10/30/2023	
LAB FILE:	FF013675.D	

LAB ID	**FUEL TYPE**
METHOD BLANK (PB156775BL)	ND

COMMENTS:

A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS
WM= WEATHERED MOTOR OIL

TABULATED ANALYTICAL REPORT
QUALITATIVE GC FINGERPRINT

MATRIX:	WATER	**ANALYSIS DATE :**10/31/2023
DATE EXTRACTED:	10/30/2023	
LAB FILE:	FF013681.D	

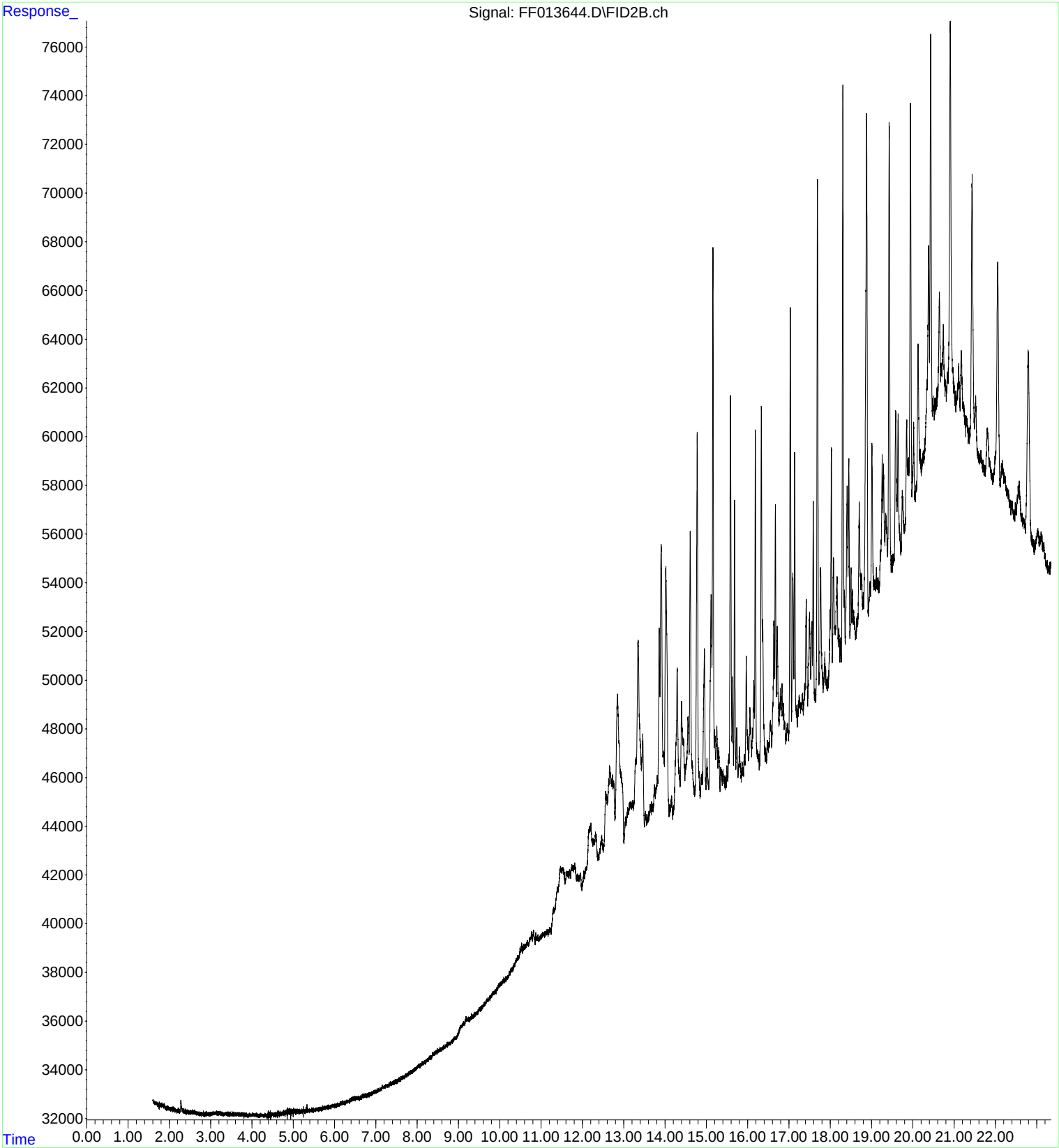
LAB ID	**FUEL TYPE**
METHOD BLANK (PB156776BL)	ND

COMMENTS:

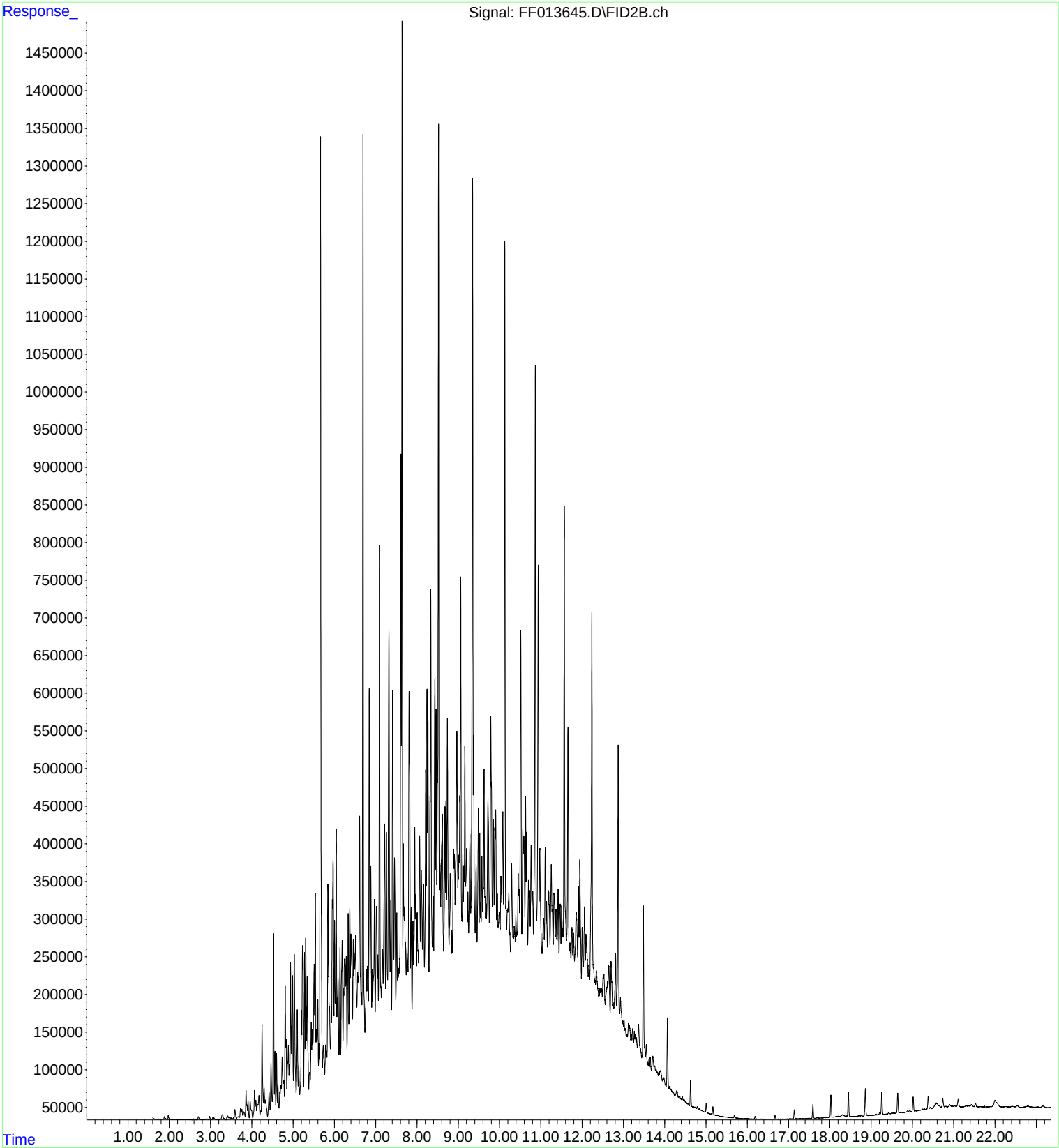
A=GASOLINE
B=UNKNOWN FUEL OIL
C= DIESEL FUEL OIL #2
D= #4 FUEL OIL
H= #6 FUEL OIL
N = JET FUEL STANDARD
F=KEROSENE
CT= COAL TAR
PT= PAINT THINNER
WO= WEATHERED HYDRAULIC OIL
WF= WEATHERED #4 FUEL OIL
K= 30 W LUBRICATING OIL
L= 40 W LUBRICATING OIL
M= 50 W LUBRICATING OIL
ND = NOT DETECTED (CONC)
MS= MINERAL SPIRITS
O= HYDRAULIC OIL
E= NO CALIBRATED STANDARDS DETECTED
CS= CLIENT STANDARDS
WM= WEATHERED MOTOR OIL

CALIBRATION SUMMARY

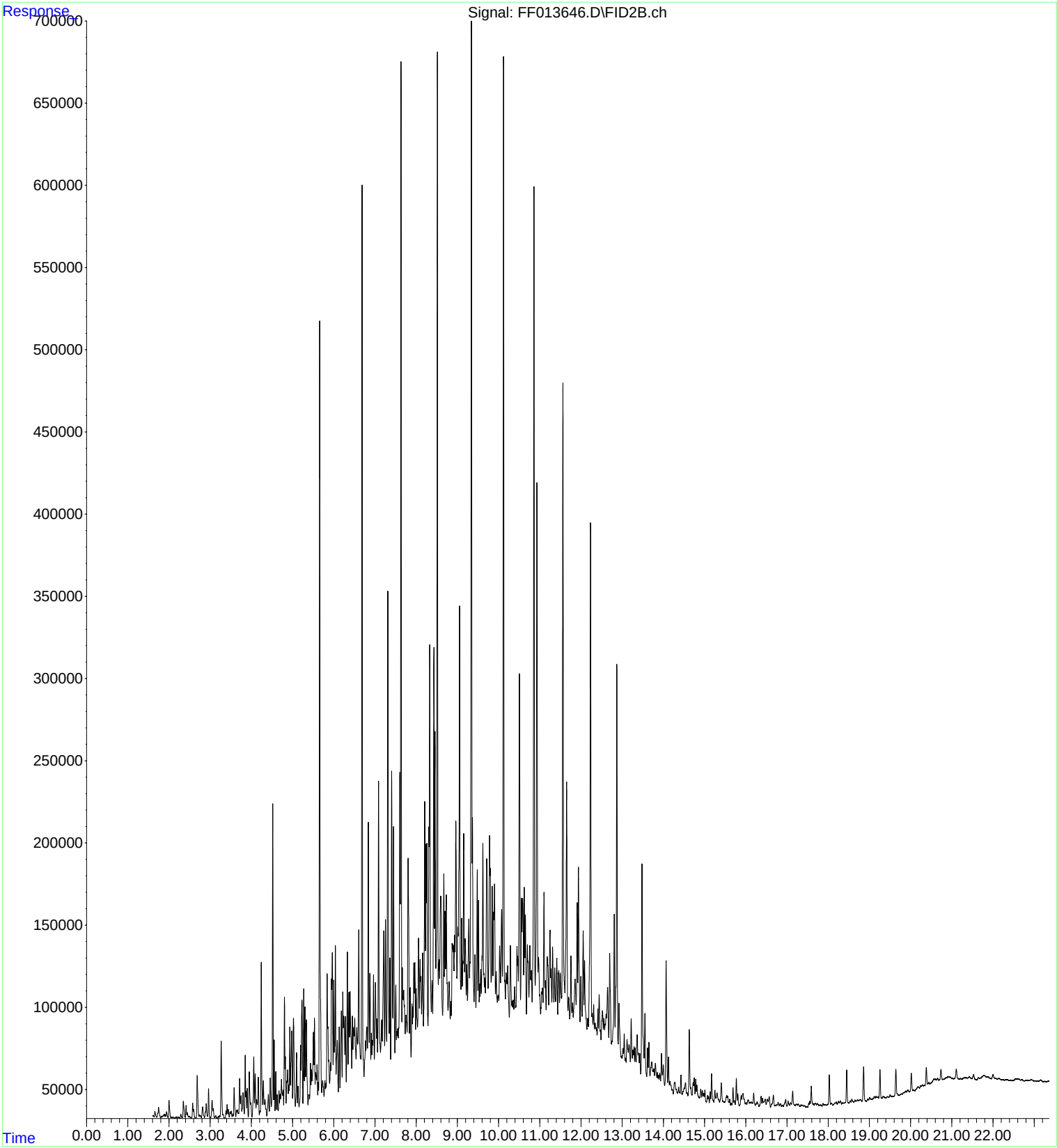
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013644.D
Operator : YP\AJ
Acquired : 30 Oct 2023 07:50 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: MECL2
Misc Info :
Vial Number: 51



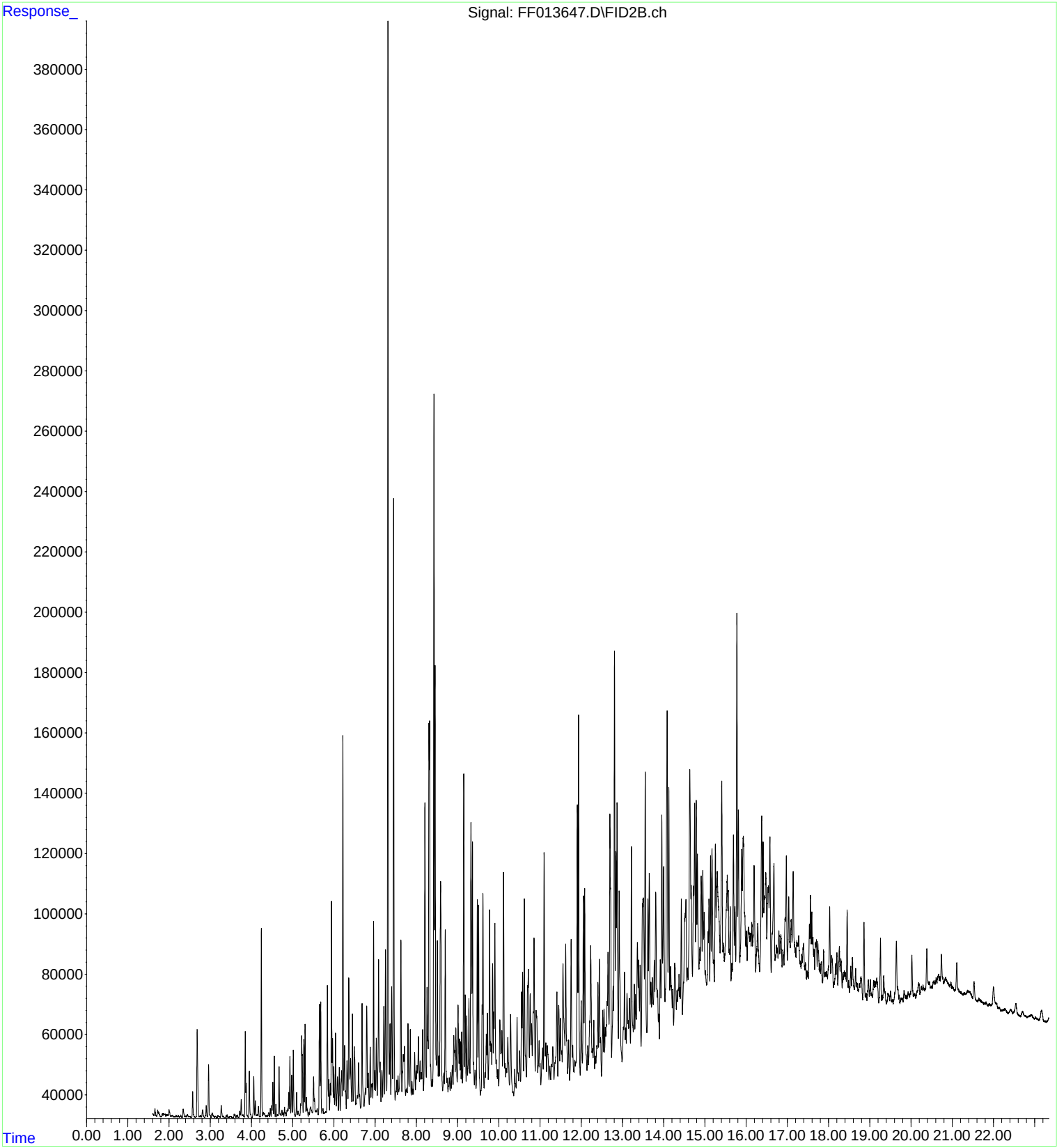
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013645.D
Operator : YP\AJ
Acquired : 30 Oct 2023 08:19 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: DIESEL FUEL #2
Misc Info :
Vial Number: 71



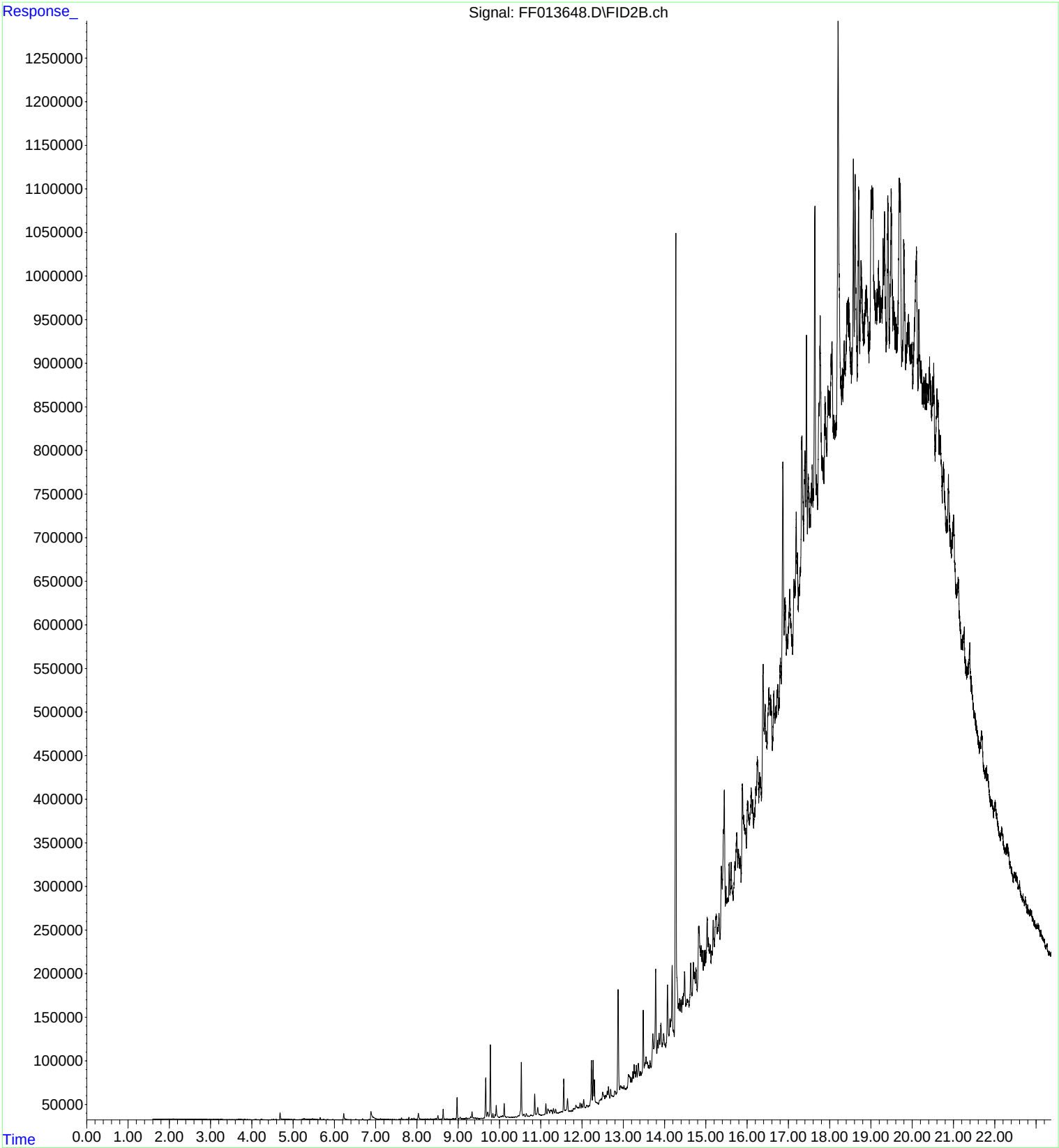
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013646.D
Operator : YP\AJ
Acquired : 30 Oct 2023 08:48 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: #4 FUEL OIL STD
Misc Info :
Vial Number: 72



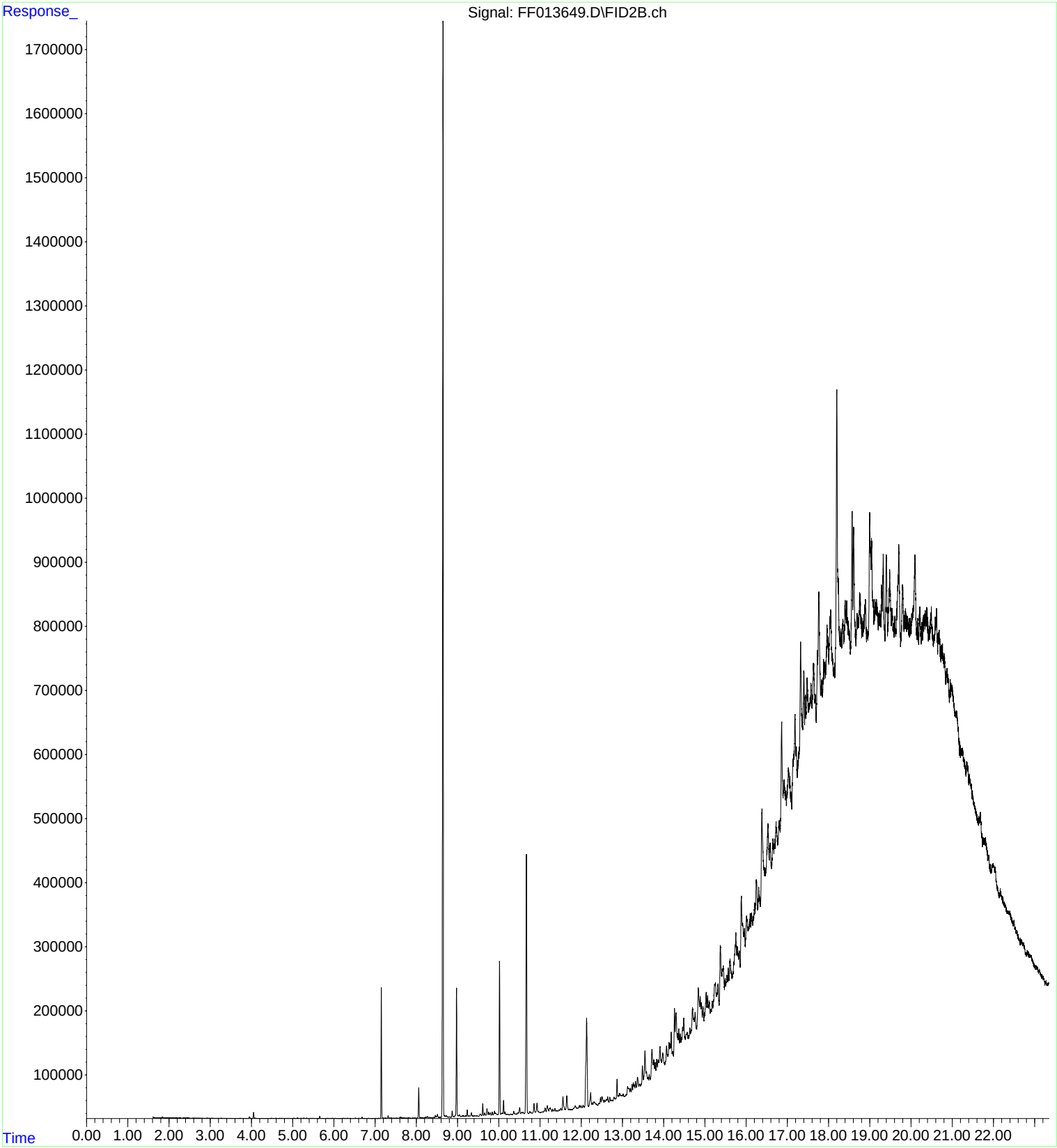
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013647.D
Operator : YP\AJ
Acquired : 30 Oct 2023 09:17 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: #6 FUEL OIL STD
Misc Info :
Vial Number: 73



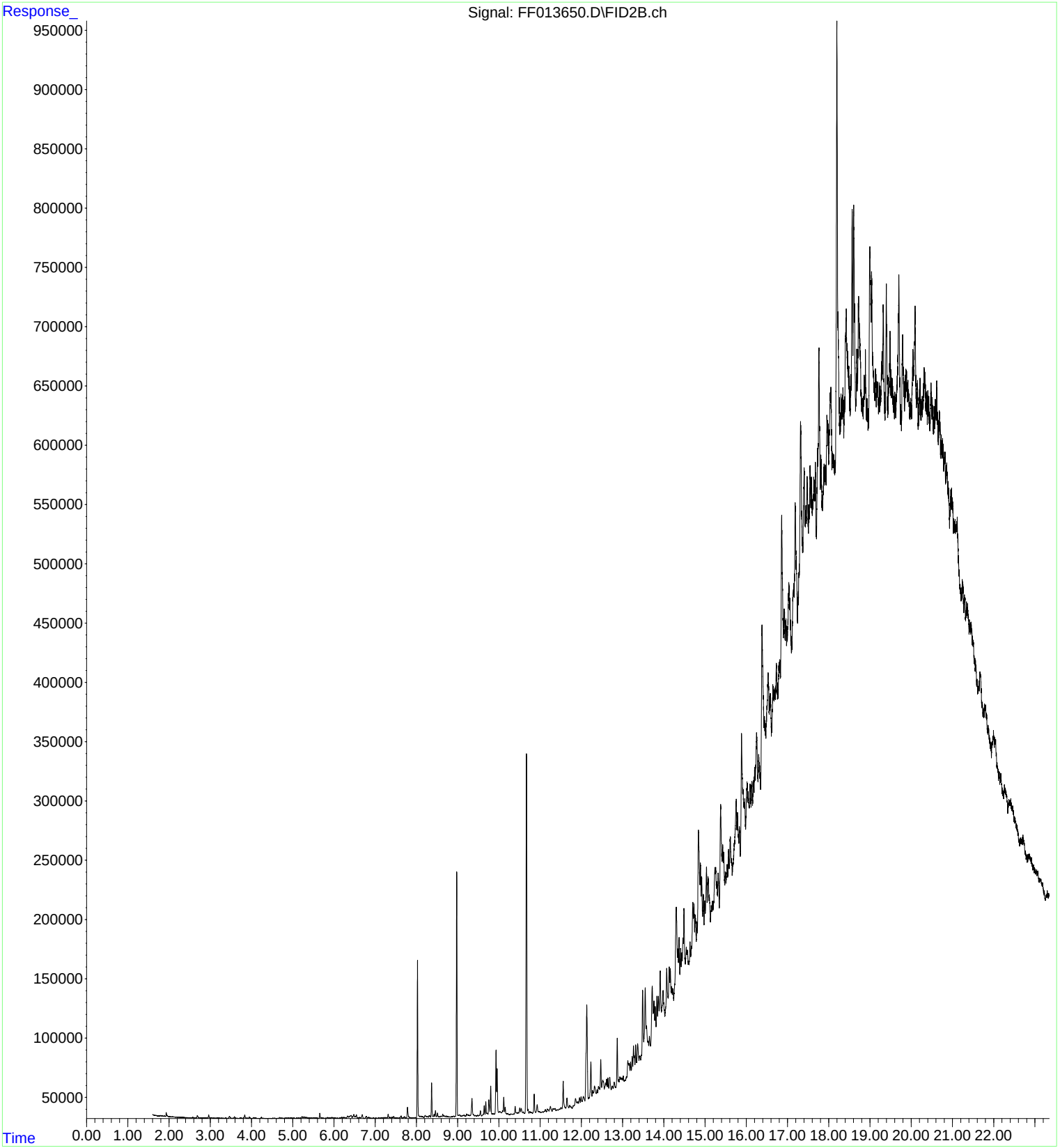
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013648.D
Operator : YP\AJ
Acquired : 30 Oct 2023 09:47 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: MOTOR OIL 30
Misc Info :
Vial Number: 74



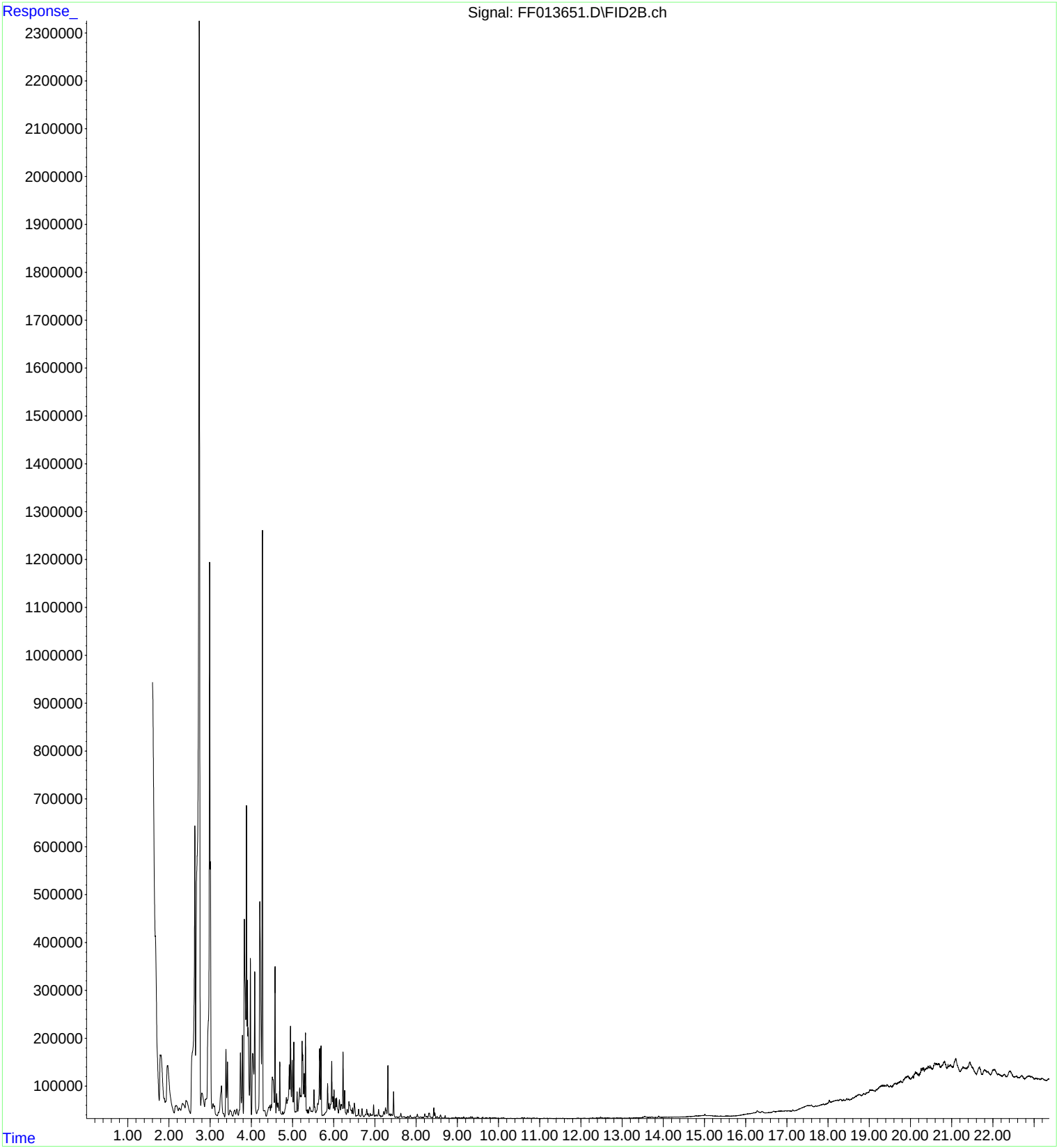
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013649.D
Operator : YP\AJ
Acquired : 30 Oct 2023 10:16 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: MOTOR OIL 40
Misc Info :
Vial Number: 75



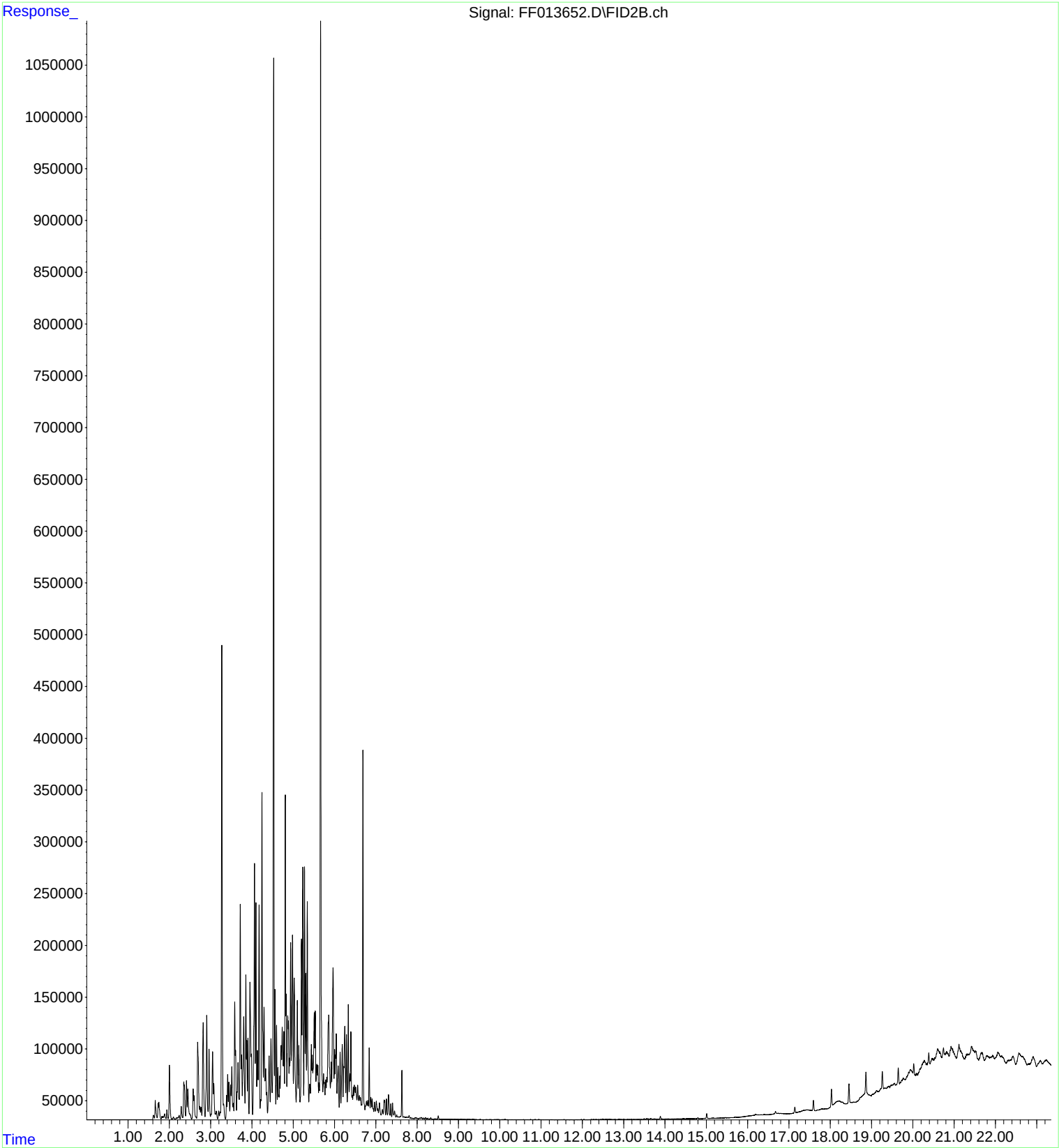
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013650.D
Operator : YP\AJ
Acquired : 30 Oct 2023 10:45 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: MOTOR OIL 50
Misc Info :
Vial Number: 76



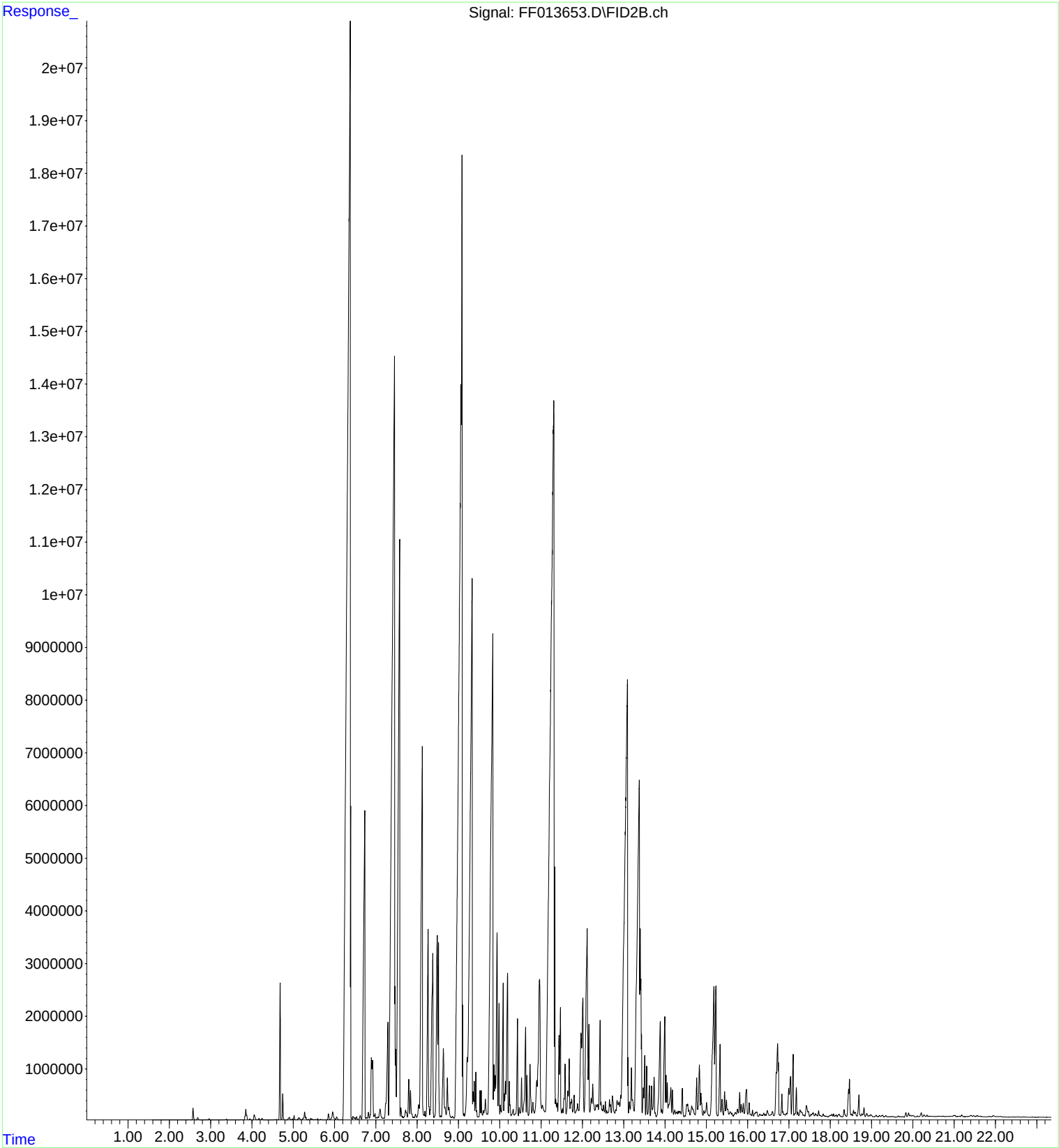
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013651.D
Operator : YP\AJ
Acquired : 30 Oct 2023 11:14 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: UNLEADED GASOLINE
Misc Info :
Vial Number: 77



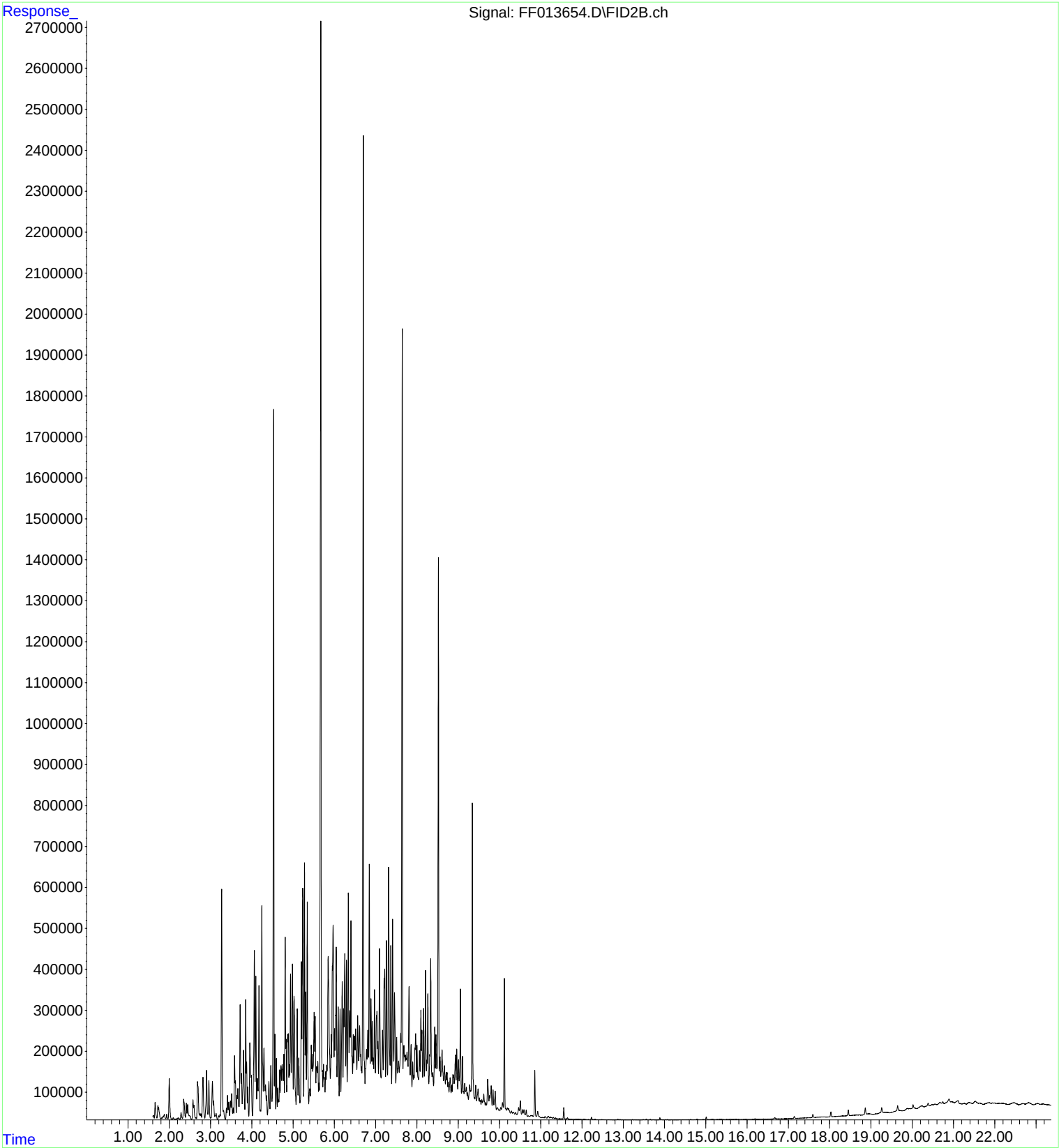
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013652.D
Operator : YP\AJ
Acquired : 30 Oct 2023 11:43 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PAINT THINNER
Misc Info :
Vial Number: 78



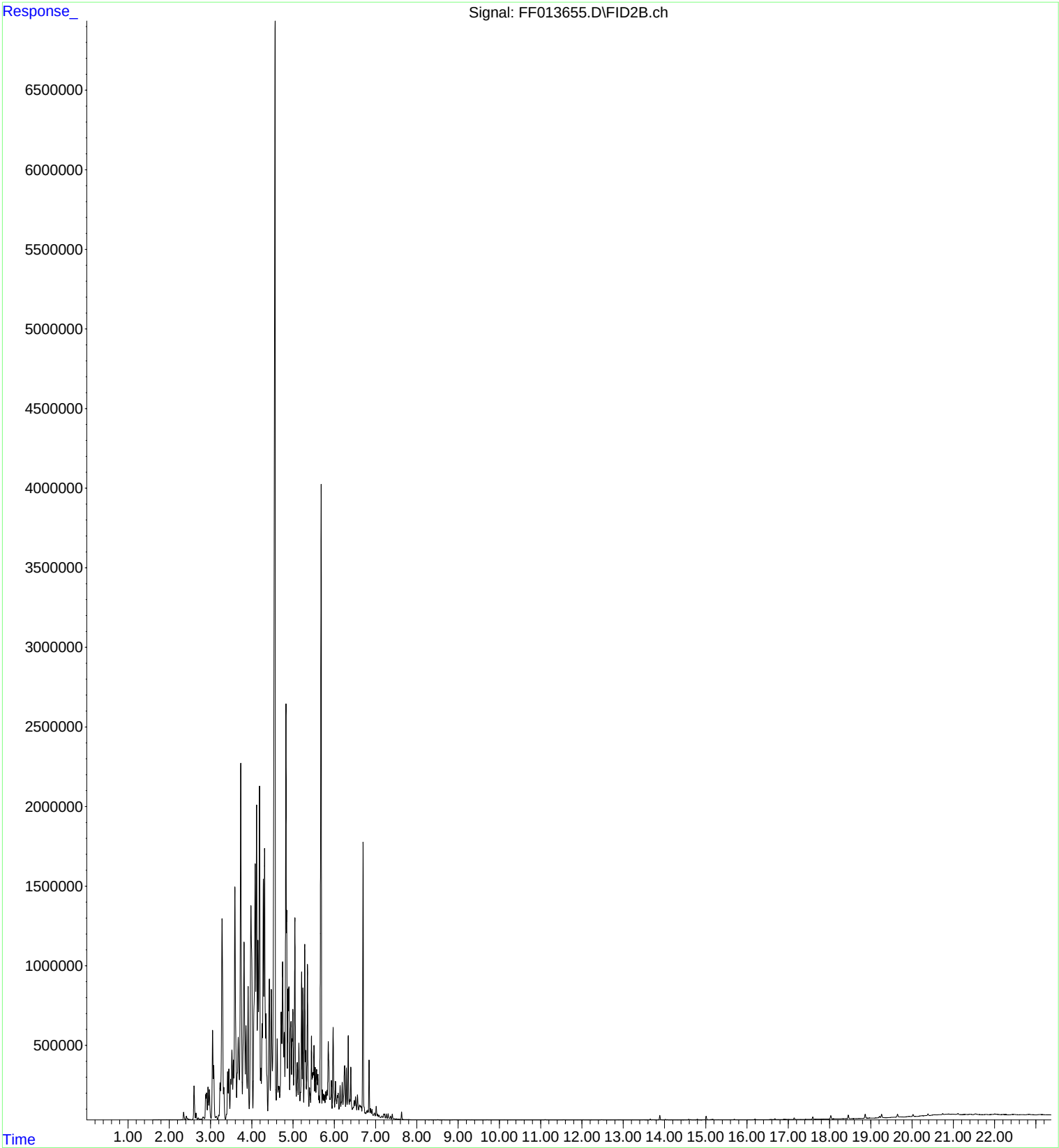
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013653.D
Operator : YP\AJ
Acquired : 30 Oct 2023 12:12 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: COAL TAR
Misc Info :
Vial Number: 79



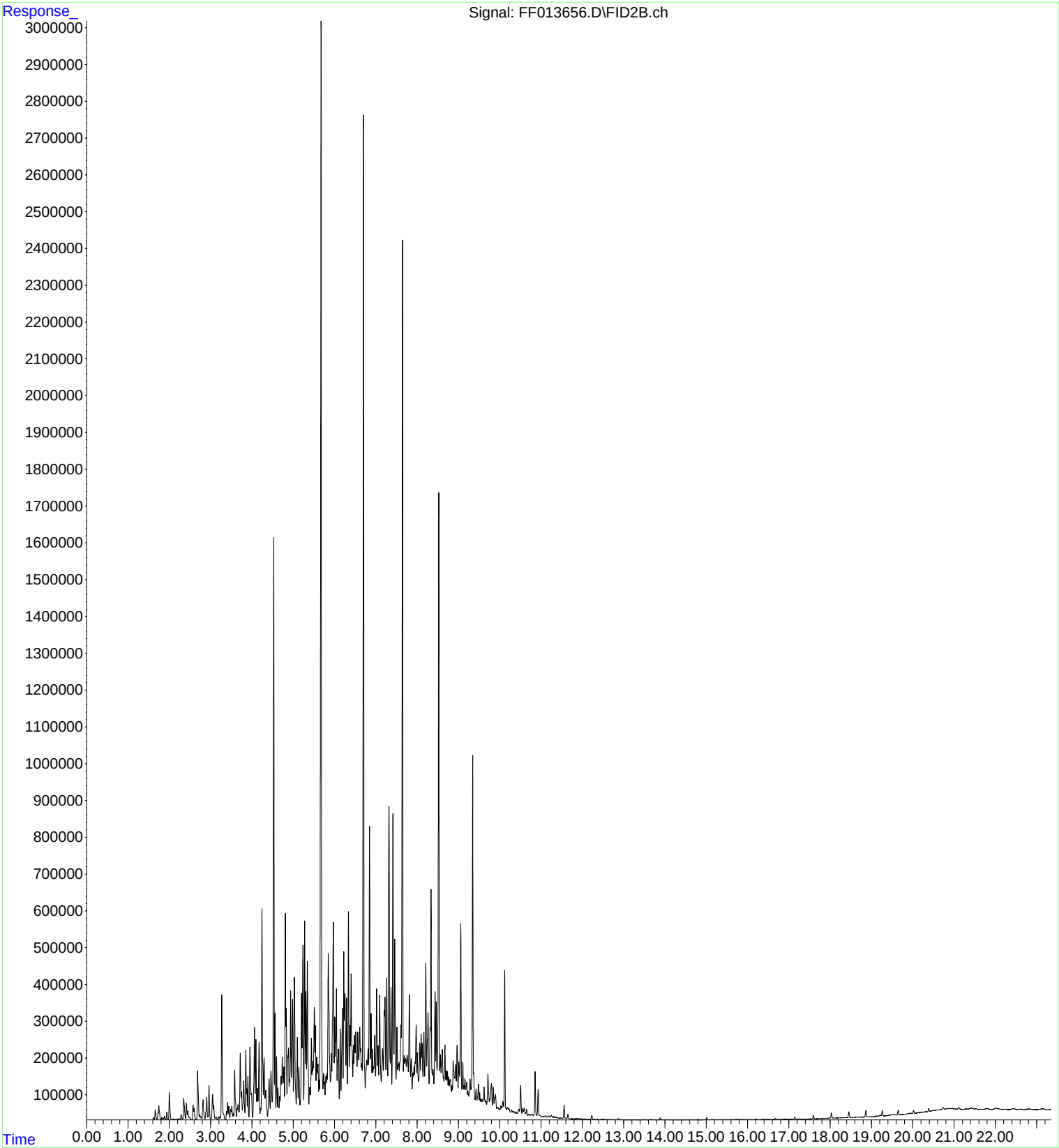
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013654.D
Operator : YP\AJ
Acquired : 30 Oct 2023 12:42 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: JE FUEL A STD
Misc Info :
Vial Number: 80



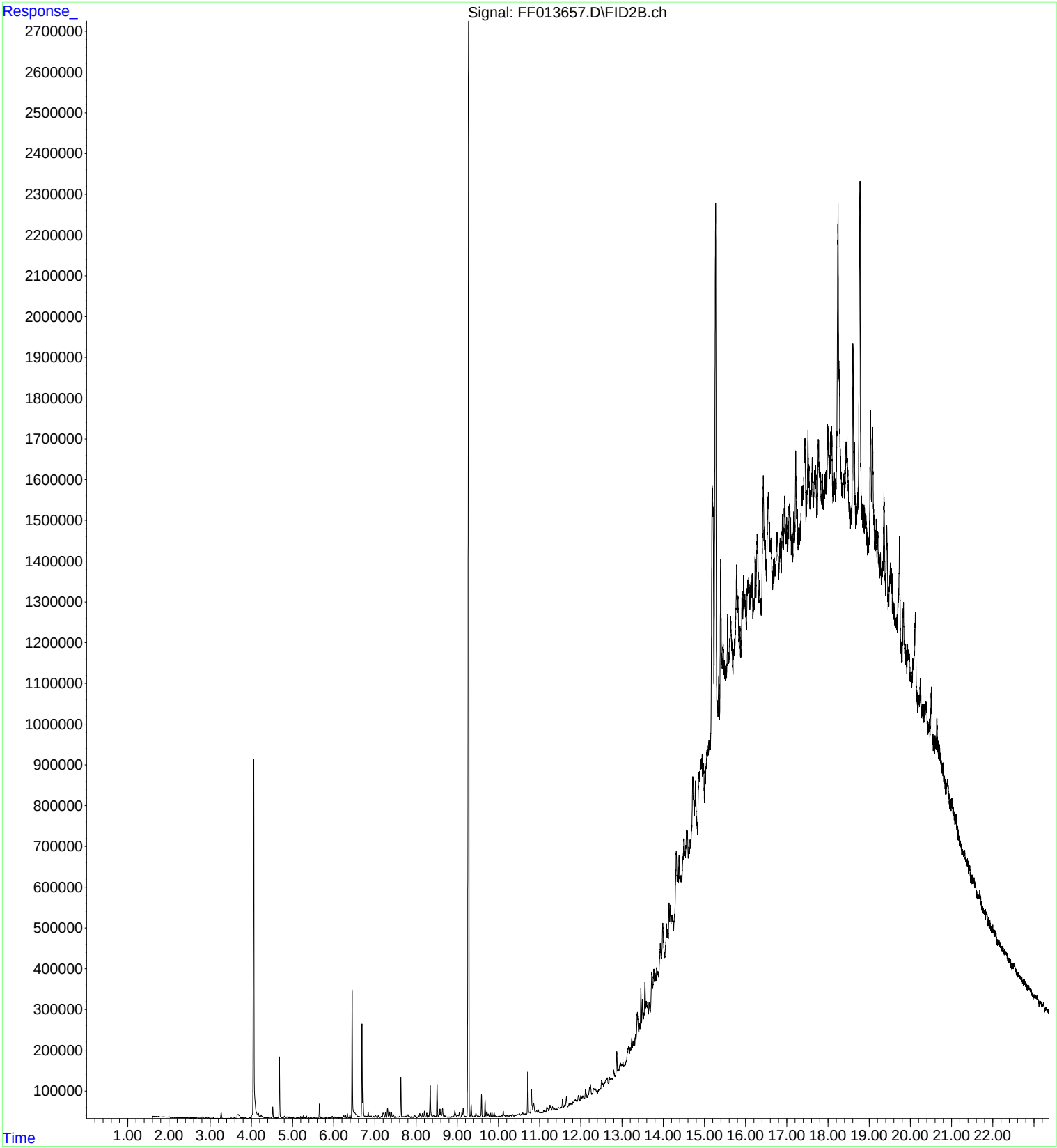
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013655.D
Operator : YP\AJ
Acquired : 30 Oct 2023 13:11 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: MINERAL SPIRIT STD
Misc Info :
Vial Number: 81



File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013656.D
Operator : YP\AJ
Acquired : 30 Oct 2023 13:40 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: KEROSENE STD
Misc Info :
Vial Number: 82

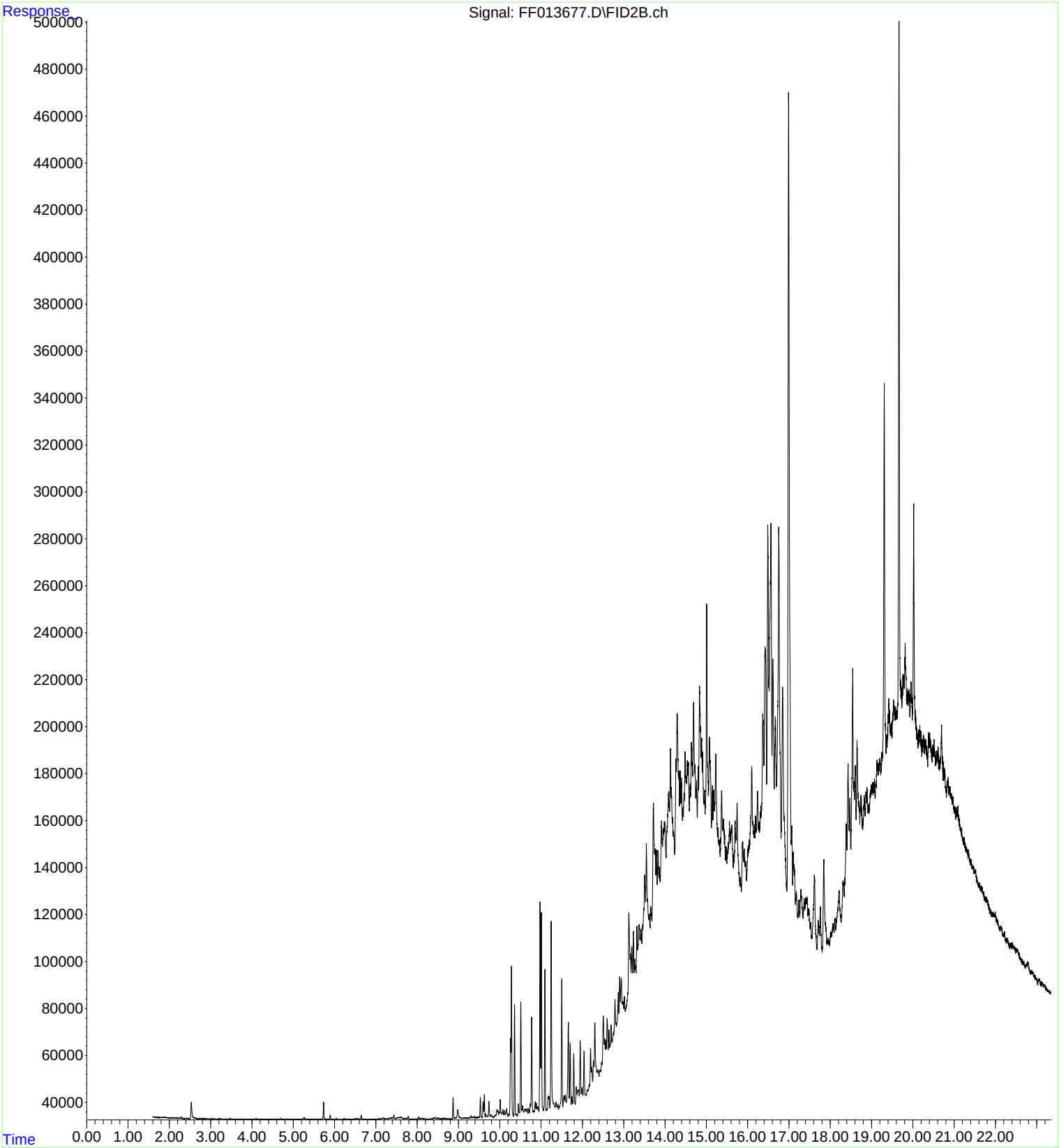


File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013657.D
Operator : YP\AJ
Acquired : 30 Oct 2023 15:37 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: HYDRAULIC OIL STD
Misc Info :
Vial Number: 83

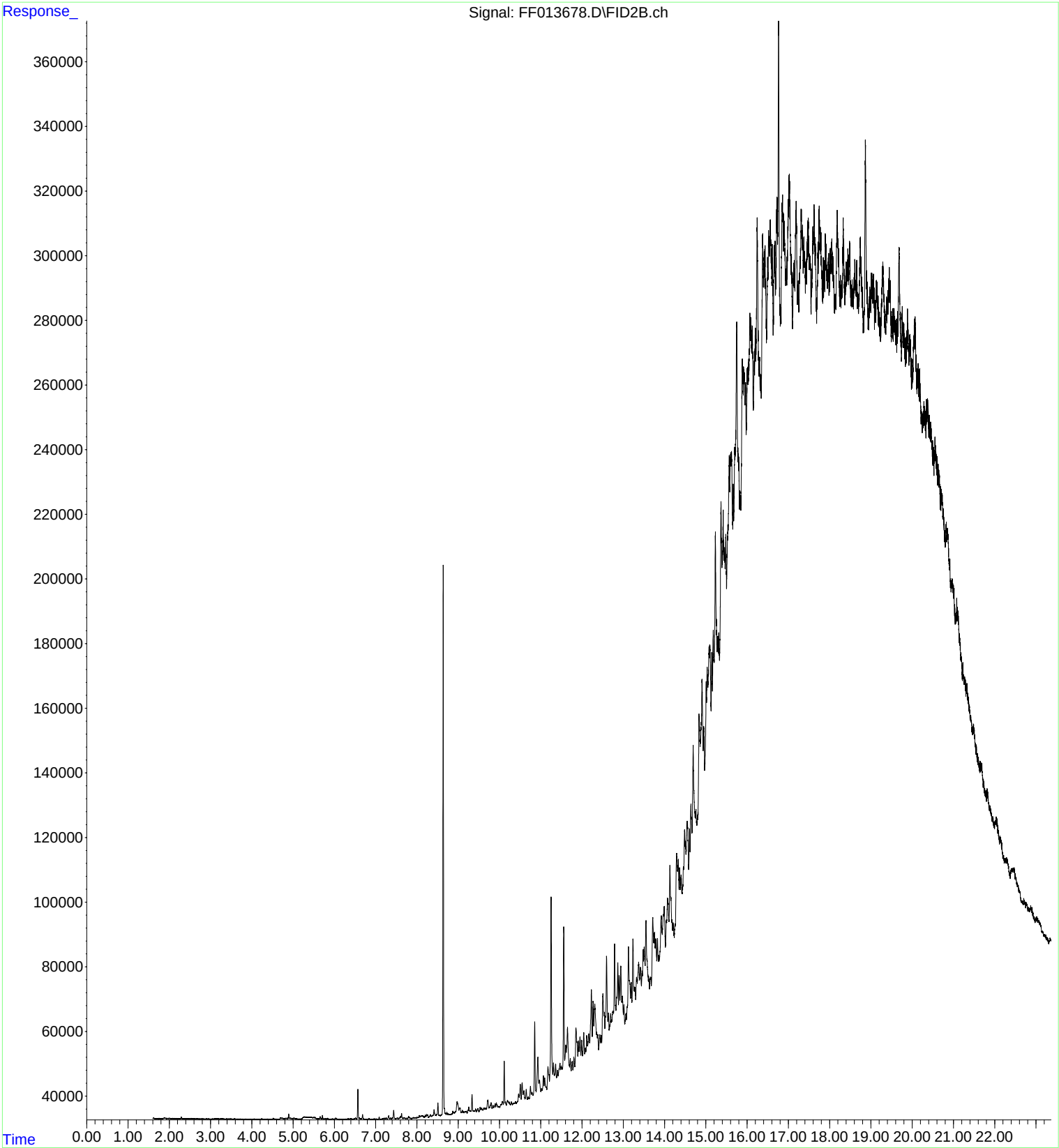


SAMPLE RAW DATA

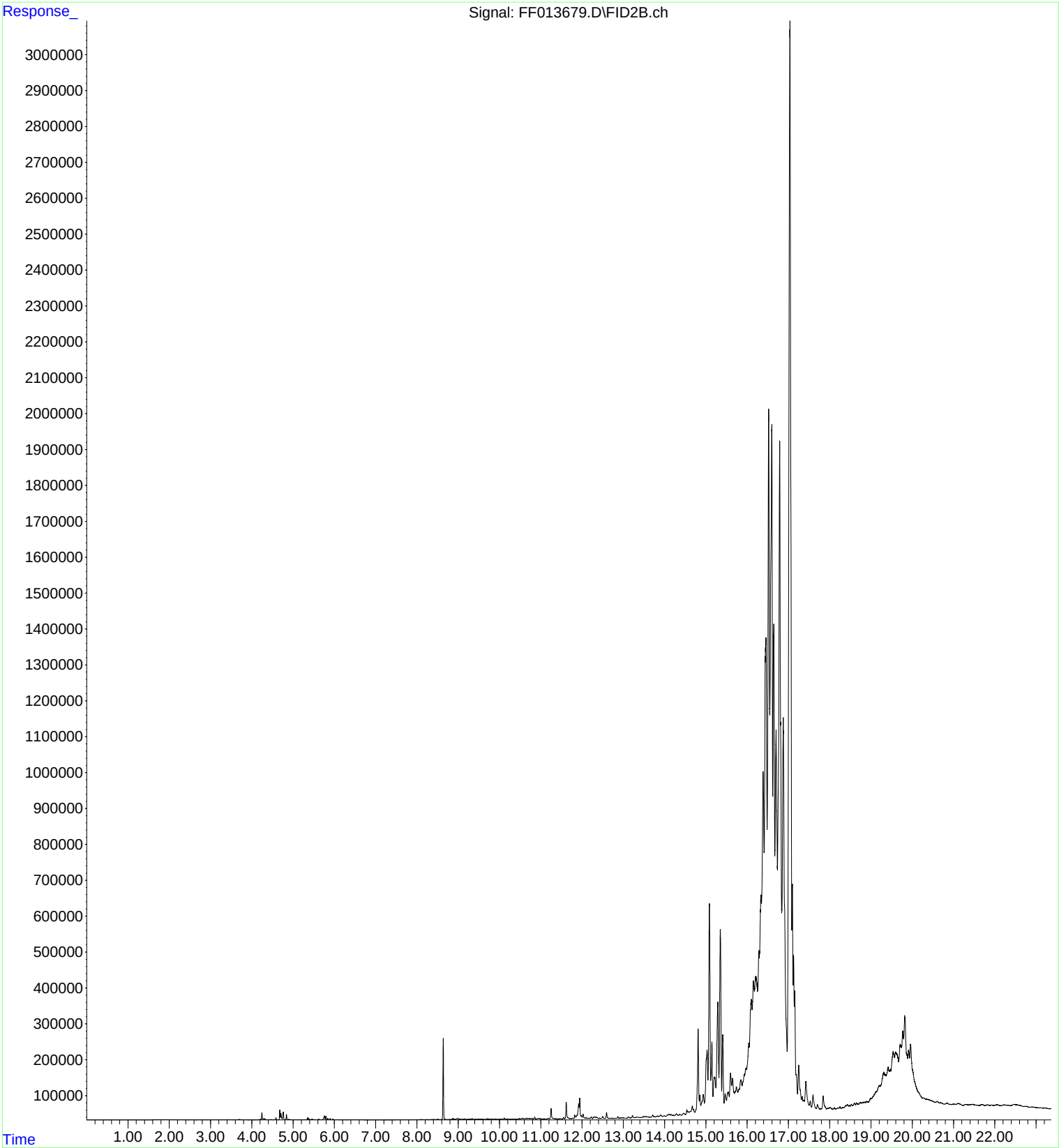
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013677.D
Operator : YP\AJ
Acquired : 31 Oct 2023 02:50 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-04 10X
Misc Info :
Vial Number: 63



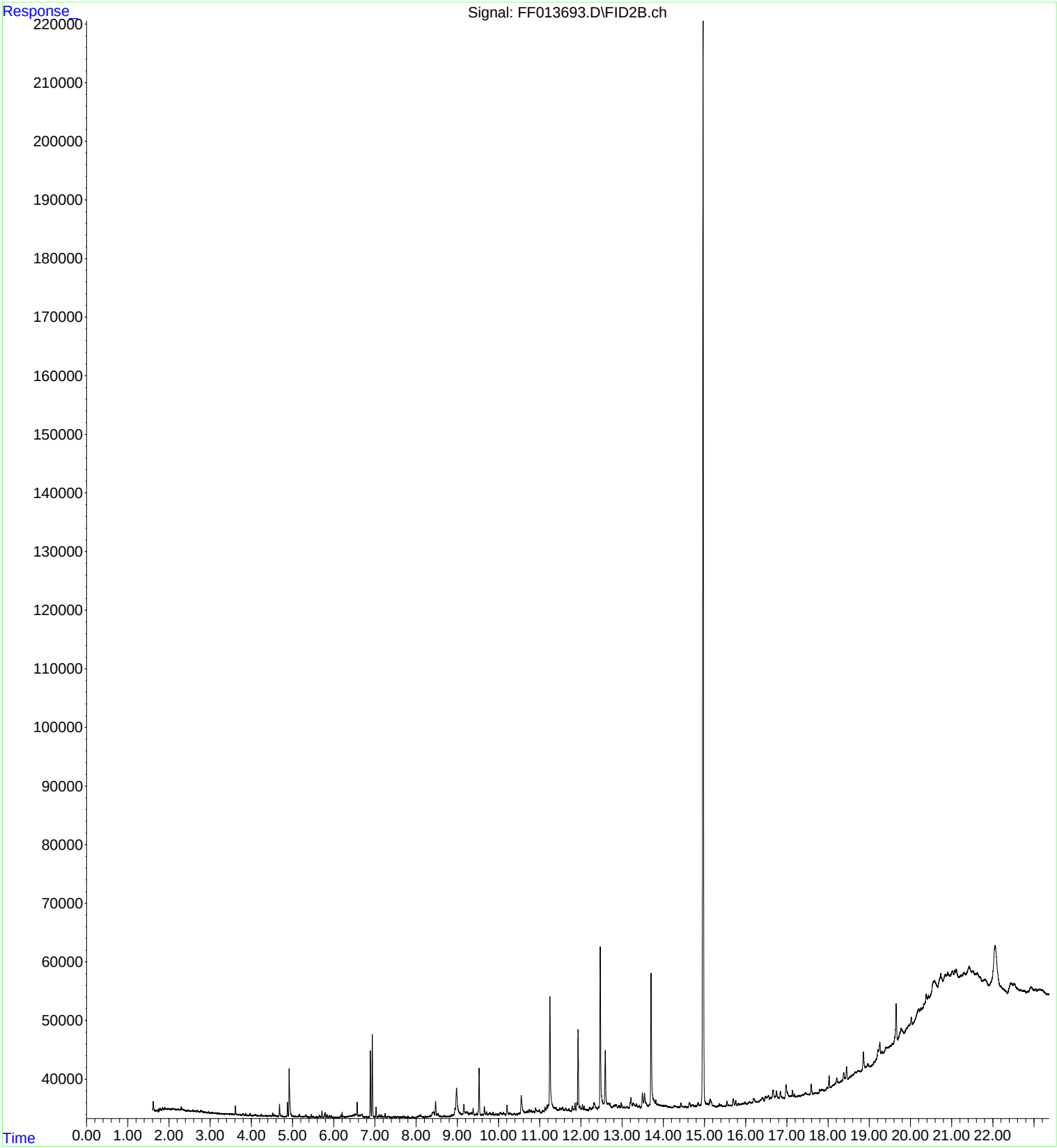
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013678.D
Operator : YP\AJ
Acquired : 31 Oct 2023 03:19 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-05 10X
Misc Info :
Vial Number: 64



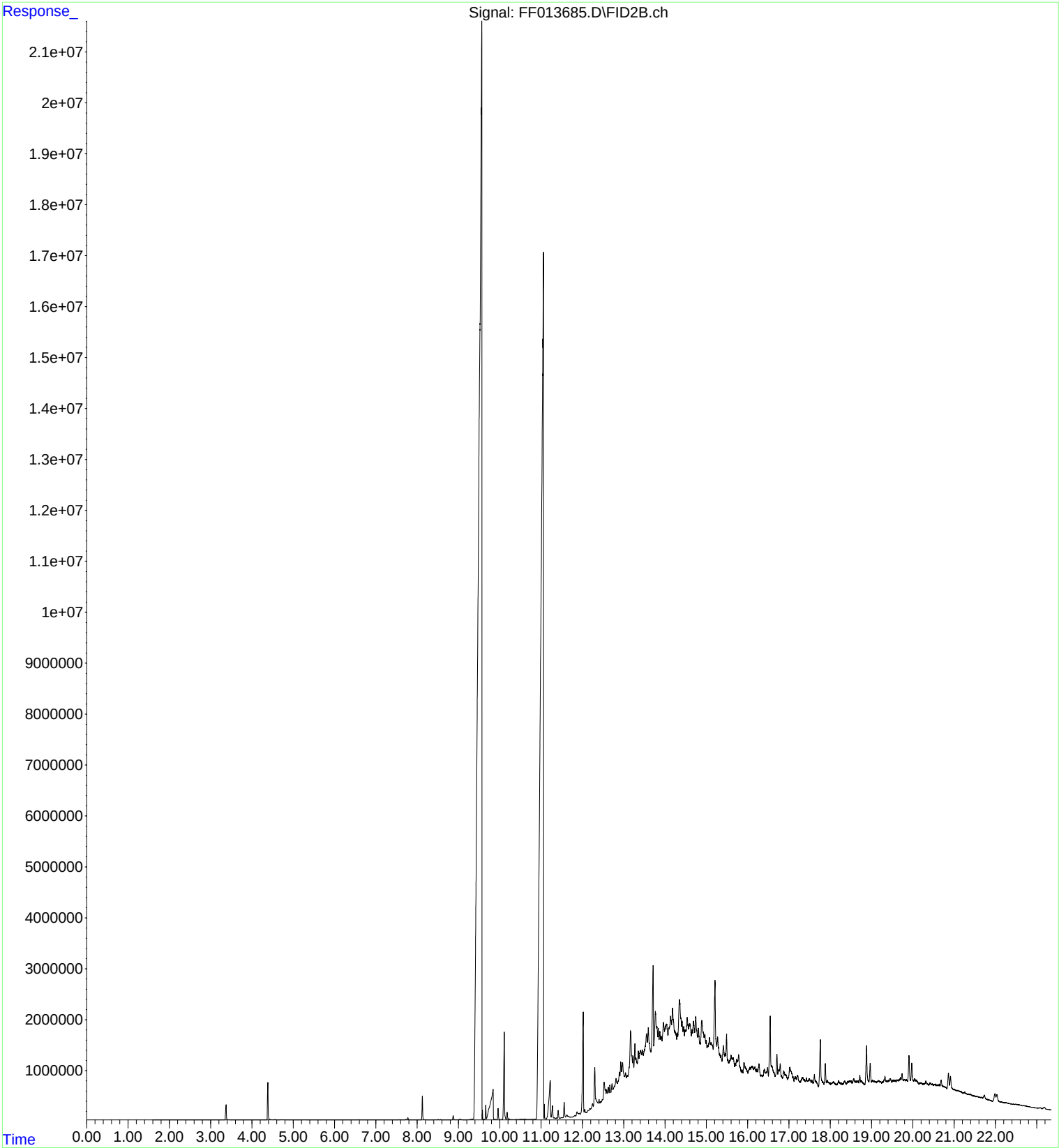
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013679.D
Operator : YP\AJ
Acquired : 31 Oct 2023 03:48 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-07 10X
Misc Info :
Vial Number: 65



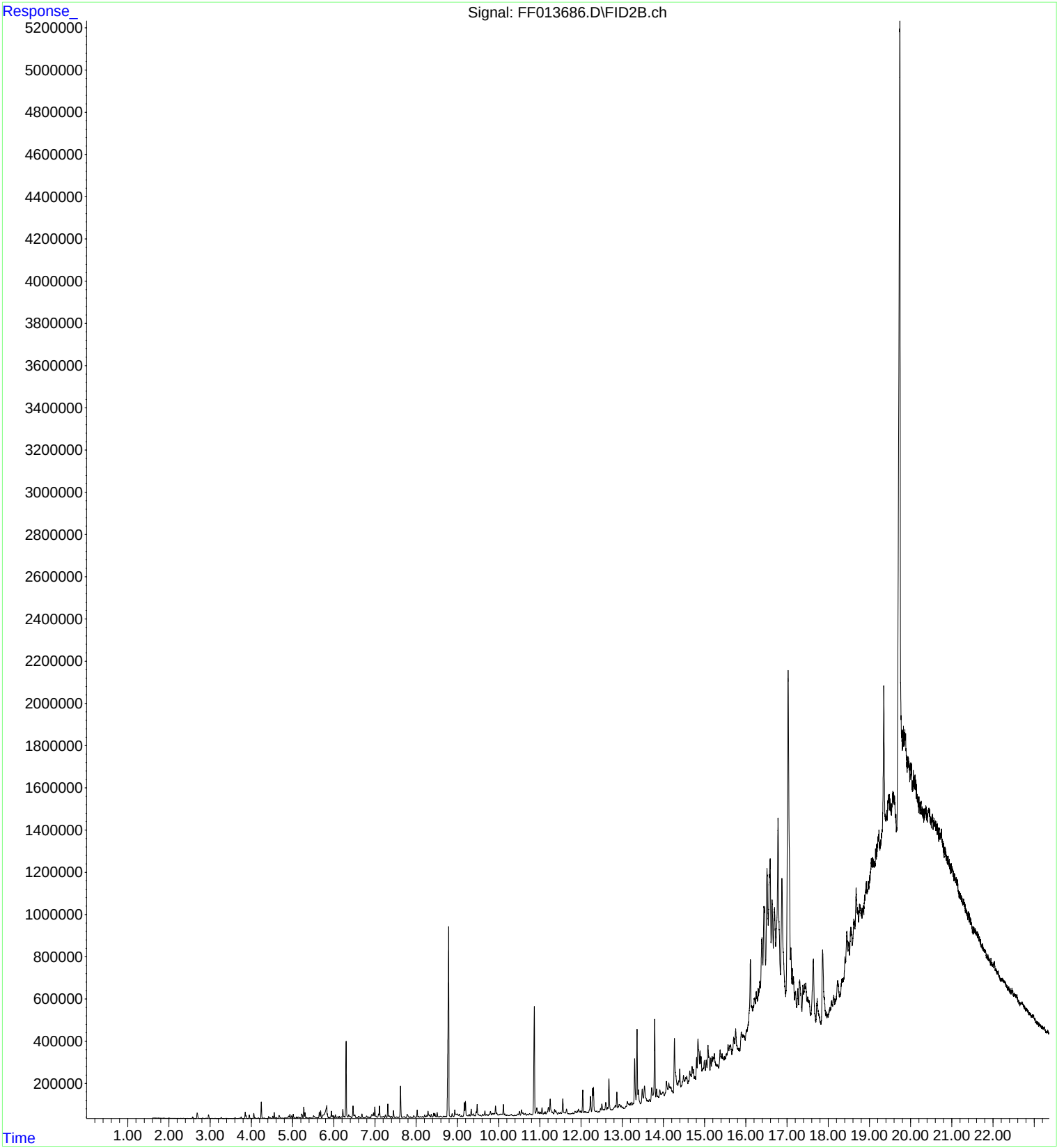
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013693.D
Operator : YP\AJ
Acquired : 31 Oct 2023 12:45 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-10
Misc Info :
Vial Number: 78



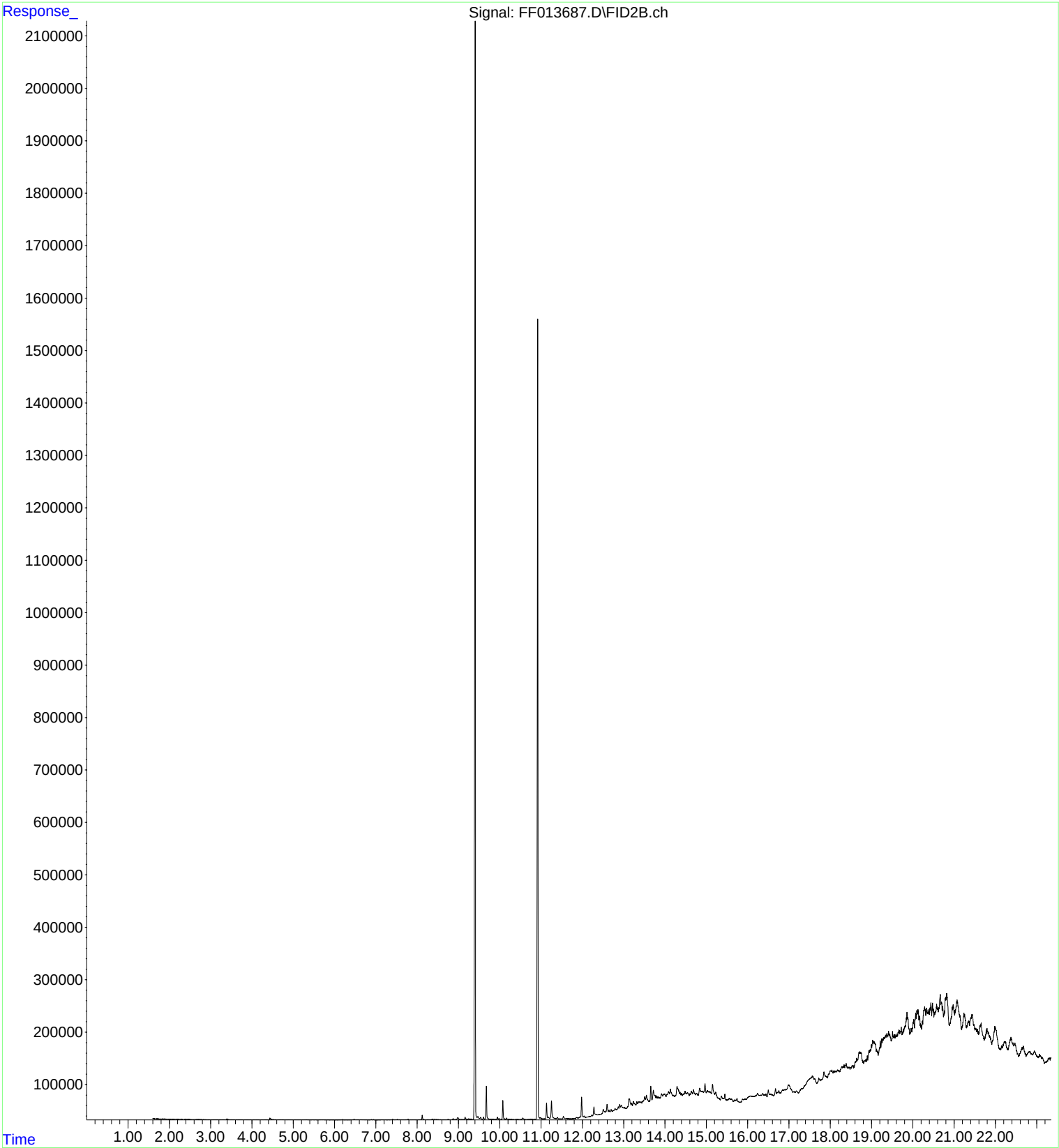
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013685.D
Operator : YP\AJ
Acquired : 31 Oct 2023 07:41 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-11 10X
Misc Info :
Vial Number: 70



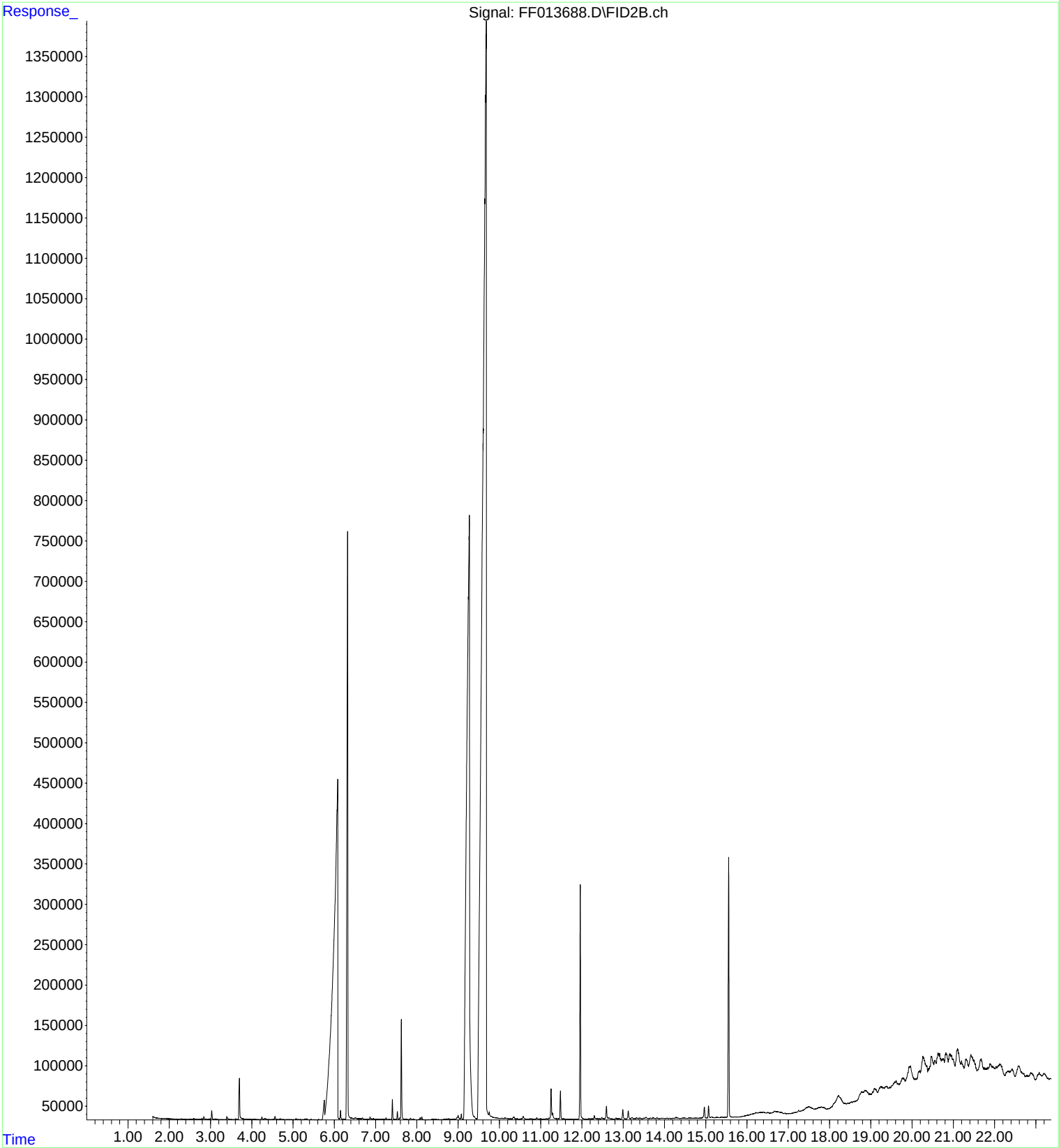
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013686.D
Operator : YP\AJ
Acquired : 31 Oct 2023 08:10 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-12 10X
Misc Info :
Vial Number: 71



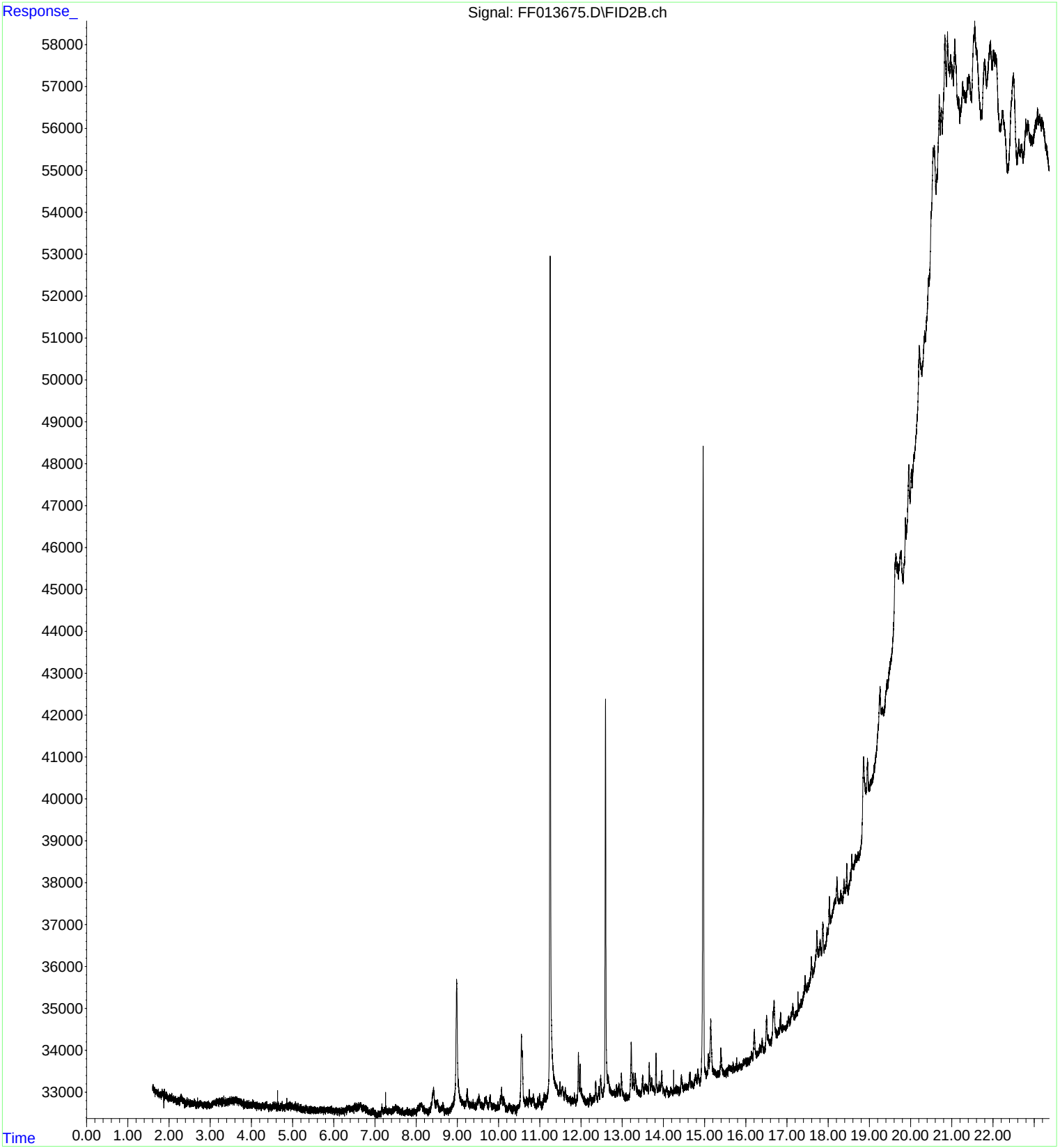
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013687.D
Operator : YP\AJ
Acquired : 31 Oct 2023 08:39 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-13 10X
Misc Info :
Vial Number: 72



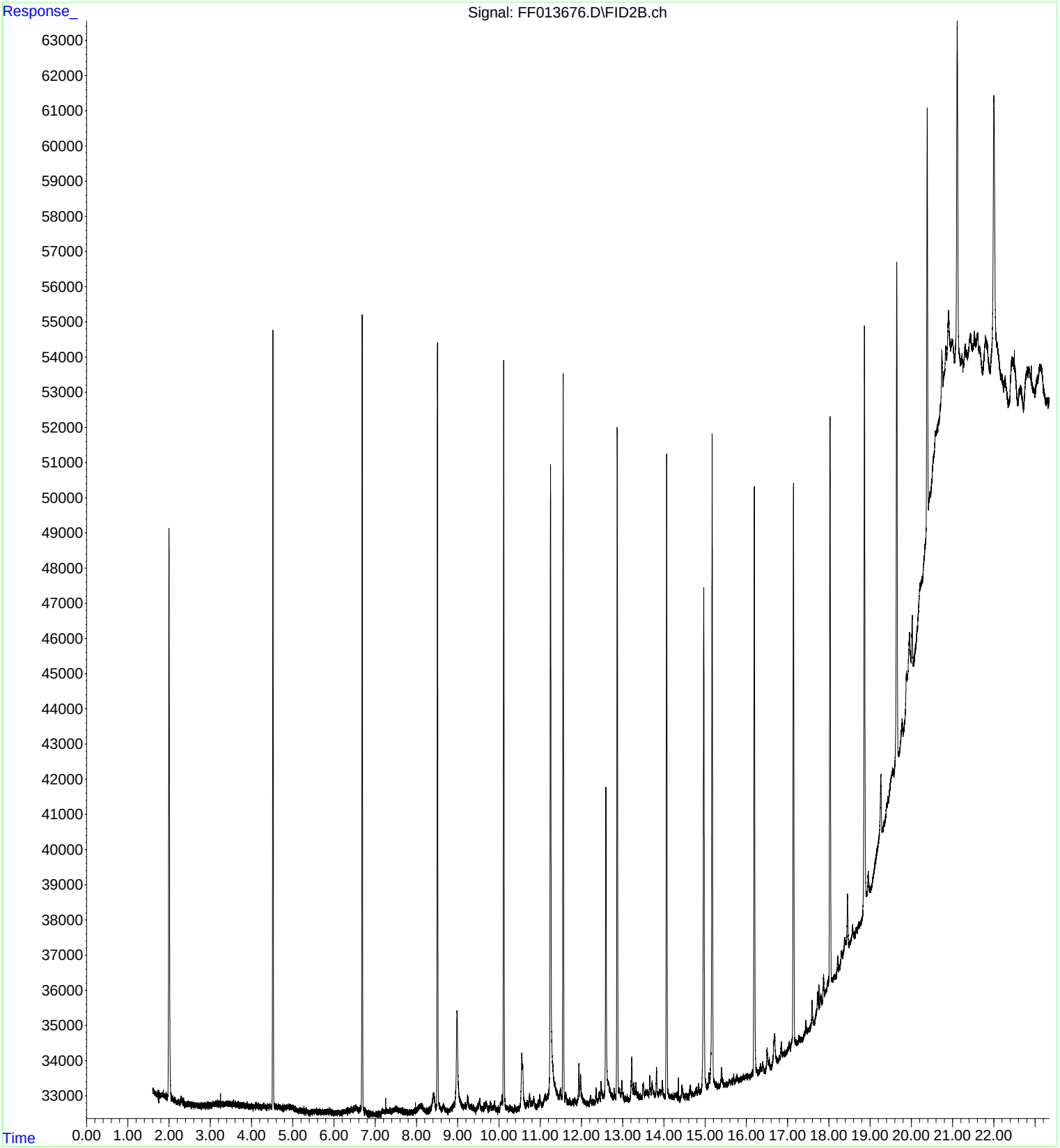
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013688.D
Operator : YP\AJ
Acquired : 31 Oct 2023 09:08 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: O5126-14 10X
Misc Info :
Vial Number: 73



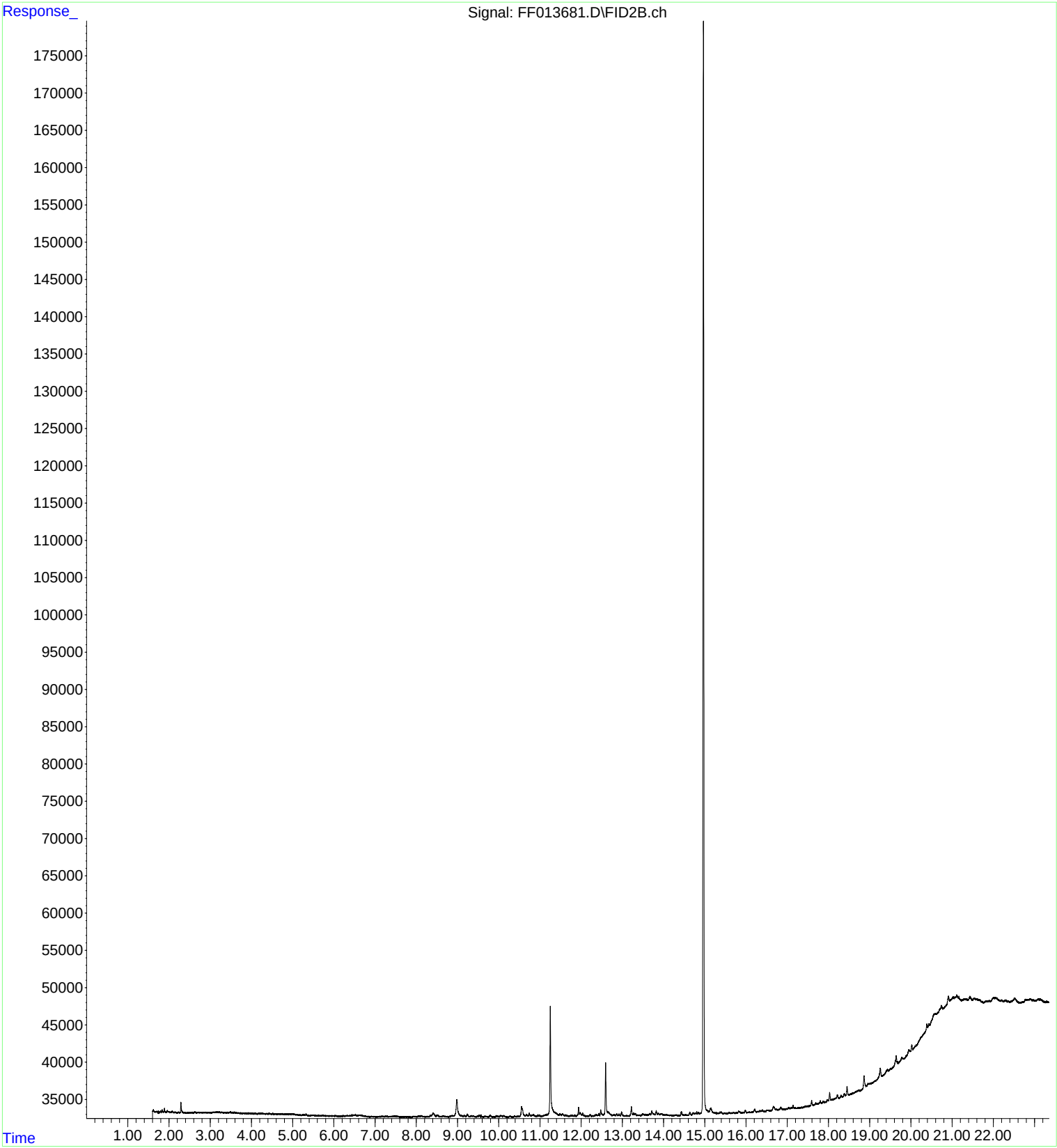
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013675.D
Operator : YP\AJ
Acquired : 31 Oct 2023 01:51 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PB156775BL
Misc Info :
Vial Number: 61



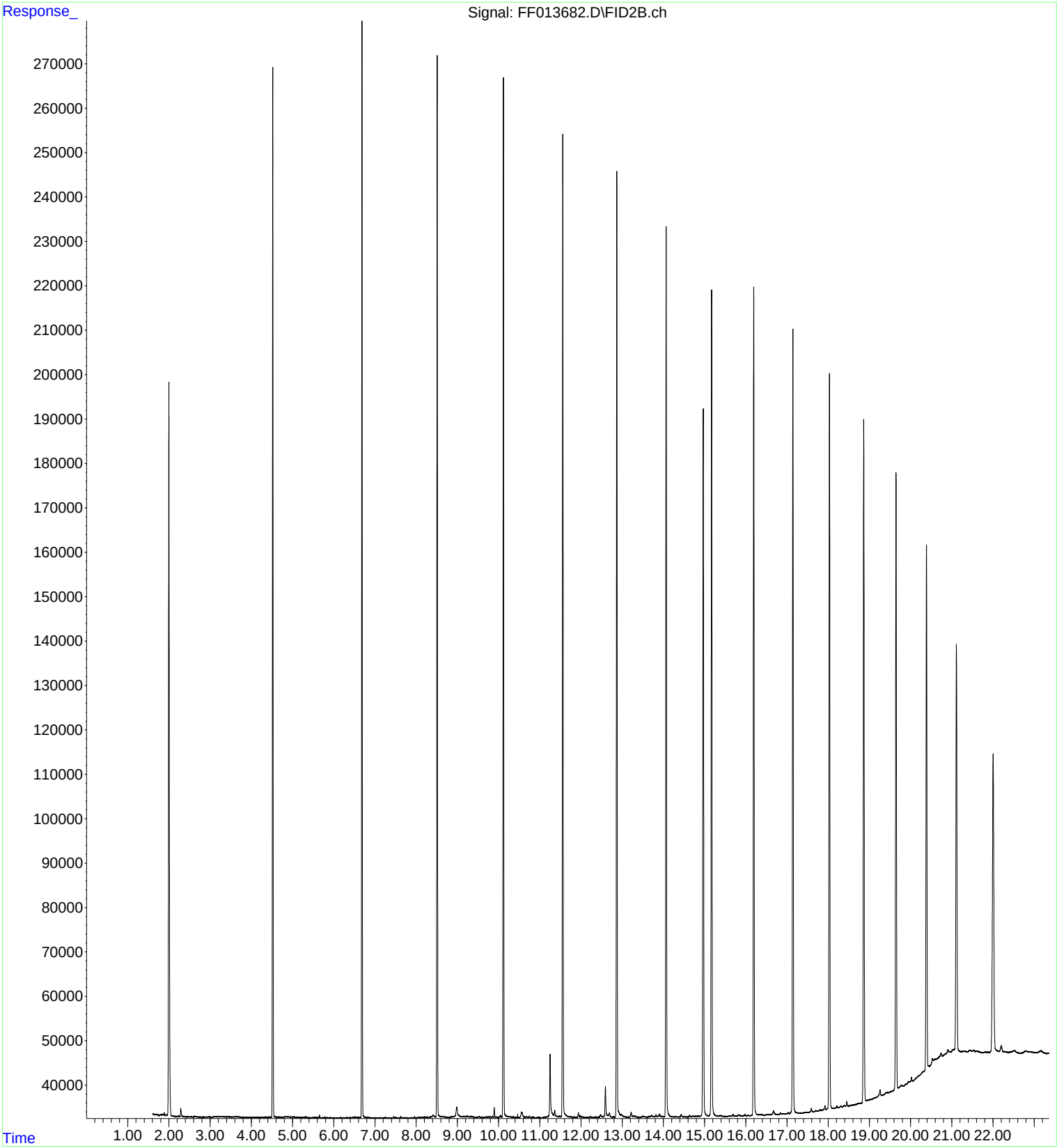
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013676.D
Operator : YP\AJ
Acquired : 31 Oct 2023 02:21 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PB156775BS
Misc Info :
Vial Number: 62



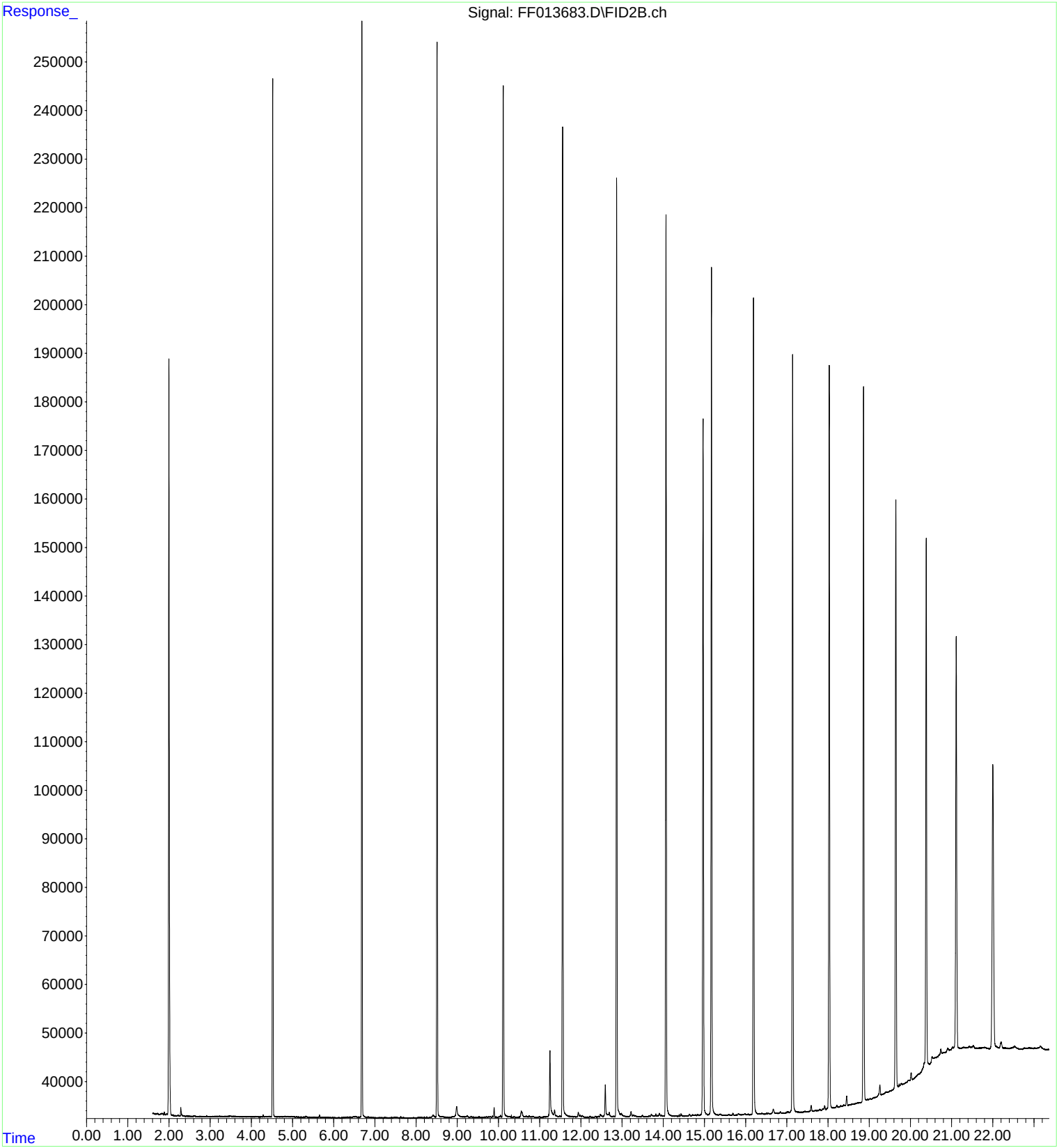
File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013681.D
Operator : YP\AJ
Acquired : 31 Oct 2023 05:44 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PB156776BL
Misc Info :
Vial Number: 66



File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013682.D
Operator : YP\AJ
Acquired : 31 Oct 2023 06:14 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PB156776BS
Misc Info :
Vial Number: 67



File :Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103023\FF013683.D
Operator : YP\AJ
Acquired : 31 Oct 2023 06:43 using AcqMethod 8015.M
Instrument : FID_F-G
Sample Name: PB156776BSD
Misc Info :
Vial Number: 68



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Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	FF013644.D	30 Oct 2023 07:50		YP\AJ	Ok
2	DIESEL FUEL #2	FF013645.D	30 Oct 2023 08:19		YP\AJ	Ok
3	#4 FUEL OIL STD	FF013646.D	30 Oct 2023 08:48		YP\AJ	Ok
4	#6 FUEL OIL STD	FF013647.D	30 Oct 2023 09:17		YP\AJ	Ok
5	MOTOR OIL 30	FF013648.D	30 Oct 2023 09:47		YP\AJ	Ok
6	MOTOR OIL 40	FF013649.D	30 Oct 2023 10:16		YP\AJ	Ok
7	MOTOR OIL 50	FF013650.D	30 Oct 2023 10:45		YP\AJ	Ok
8	UNLEADED GASOLINE	FF013651.D	30 Oct 2023 11:14		YP\AJ	Ok
9	PAINT THINNER	FF013652.D	30 Oct 2023 11:43		YP\AJ	Ok
10	COAL TAR	FF013653.D	30 Oct 2023 12:12		YP\AJ	Ok
11	JE FUEL A STD	FF013654.D	30 Oct 2023 12:42		YP\AJ	Ok
12	MINERAL SPIRIT STD	FF013655.D	30 Oct 2023 13:11		YP\AJ	Ok
13	KEROSENE STD	FF013656.D	30 Oct 2023 13:40		YP\AJ	Ok
14	HYDRAULIC OIL STD	FF013657.D	30 Oct 2023 15:37		YP\AJ	Ok
15	MECL2	FF013658.D	30 Oct 2023 16:36		YP\AJ	Ok
16	PB156778BL	FF013659.D	30 Oct 2023 17:05		YP\AJ	Ok
17	PB156778BS	FF013660.D	30 Oct 2023 17:35		YP\AJ	Ok
18	O5127-01	FF013661.D	30 Oct 2023 18:04		YP\AJ	Ok
19	O5127-02	FF013662.D	30 Oct 2023 18:33		YP\AJ	Ok
20	O5127-03	FF013663.D	30 Oct 2023 19:02		YP\AJ	Not Ok
21	O5127-04	FF013664.D	30 Oct 2023 19:32		YP\AJ	Not Ok

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Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Comment	Operator	Status
22	O5127-05	FF013665.D	30 Oct 2023 20:01		YP\AJ	Ok
23	MECL2	FF013666.D	30 Oct 2023 21:00		YP\AJ	Ok
24	PB156777BL	FF013667.D	30 Oct 2023 21:29		YP\AJ	Ok
25	PB156777BS	FF013668.D	30 Oct 2023 21:58		YP\AJ	Ok
26	O5128-01	FF013669.D	30 Oct 2023 22:27		YP\AJ	Ok
27	O5128-02	FF013670.D	30 Oct 2023 22:57		YP\AJ	Ok
28	O5128-03	FF013671.D	30 Oct 2023 23:26		YP\AJ	Ok
29	O5128-04	FF013672.D	30 Oct 2023 23:55	need straight run	YP\AJ	Not Ok
30	O5128-05	FF013673.D	31 Oct 2023 00:24	need straight run	YP\AJ	Not Ok
31	MECL2	FF013674.D	31 Oct 2023 01:22		YP\AJ	Ok
32	PB156775BL	FF013675.D	31 Oct 2023 01:51		YP\AJ	Ok
33	PB156775BS	FF013676.D	31 Oct 2023 02:21		YP\AJ	Ok
34	O5126-04	FF013677.D	31 Oct 2023 02:50		YP\AJ	Ok
35	O5126-05	FF013678.D	31 Oct 2023 03:19		YP\AJ	Ok
36	O5126-07	FF013679.D	31 Oct 2023 03:48		YP\AJ	Ok
37	MECL2	FF013680.D	31 Oct 2023 04:46		YP\AJ	Ok
38	PB156776BL	FF013681.D	31 Oct 2023 05:44		YP\AJ	Ok
39	PB156776BS	FF013682.D	31 Oct 2023 06:14		YP\AJ	Ok
40	PB156776BSD	FF013683.D	31 Oct 2023 06:43		YP\AJ	Ok
41	O5126-10	FF013684.D	31 Oct 2023 07:12		YP\AJ	Not Ok

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Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Comment	Operator	Status
42	O5126-11	FF013685.D	31 Oct 2023 07:41		YP\AJ	Ok
43	O5126-12	FF013686.D	31 Oct 2023 08:10		YP\AJ	Ok
44	O5126-13	FF013687.D	31 Oct 2023 08:39		YP\AJ	Ok
45	O5126-14	FF013688.D	31 Oct 2023 09:08		YP\AJ	Ok
46	O5127-03	FF013689.D	31 Oct 2023 09:37		YP\AJ	Ok
47	O5127-04	FF013690.D	31 Oct 2023 10:06		YP\AJ	Ok
48	O5128-04	FF013691.D	31 Oct 2023 10:36		YP\AJ	Ok
49	O5128-05	FF013692.D	31 Oct 2023 12:16		YP\AJ	Ok
50	O5126-10	FF013693.D	31 Oct 2023 12:45		YP\AJ	Ok

M : Manual Integration

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Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FF013644.D	30 Oct 2023 07:50	YP\AJ	Ok
2	DIESEL FUEL #2	FF013645.D	30 Oct 2023 08:19	YP\AJ	Ok
3	#4 FUEL OIL STD	FF013646.D	30 Oct 2023 08:48	YP\AJ	Ok
4	#6 FUEL OIL STD	FF013647.D	30 Oct 2023 09:17	YP\AJ	Ok
5	MOTOR OIL 30	FF013648.D	30 Oct 2023 09:47	YP\AJ	Ok
6	MOTOR OIL 40	FF013649.D	30 Oct 2023 10:16	YP\AJ	Ok
7	MOTOR OIL 50	FF013650.D	30 Oct 2023 10:45	YP\AJ	Ok
8	UNLEADED GASOLINE	FF013651.D	30 Oct 2023 11:14	YP\AJ	Ok
9	PAINT THINNER	FF013652.D	30 Oct 2023 11:43	YP\AJ	Ok
10	COAL TAR	FF013653.D	30 Oct 2023 12:12	YP\AJ	Ok
11	JE FUEL A STD	FF013654.D	30 Oct 2023 12:42	YP\AJ	Ok
12	MINERAL SPIRIT STD	FF013655.D	30 Oct 2023 13:11	YP\AJ	Ok
13	KEROSENE STD	FF013656.D	30 Oct 2023 13:40	YP\AJ	Ok
14	HYDRAULIC OIL STD	FF013657.D	30 Oct 2023 15:37	YP\AJ	Ok
15	MECL2	FF013658.D	30 Oct 2023 16:36	YP\AJ	Ok
16	PB156778BL	FF013659.D	30 Oct 2023 17:05	YP\AJ	Ok
17	PB156778BS	FF013660.D	30 Oct 2023 17:35	YP\AJ	Ok
18	O5127-01	FF013661.D	30 Oct 2023 18:04	YP\AJ	Ok
19	O5127-02	FF013662.D	30 Oct 2023 18:33	YP\AJ	Ok
20	O5127-03	FF013663.D	30 Oct 2023 19:02	YP\AJ	Not Ok
21	O5127-04	FF013664.D	30 Oct 2023 19:32	YP\AJ	Not Ok

CHEMTECH

Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
22	O5127-05	FF013665.D	30 Oct 2023 20:01	YP\AJ	Ok
23	MECL2	FF013666.D	30 Oct 2023 21:00	YP\AJ	Ok
24	PB156777BL	FF013667.D	30 Oct 2023 21:29	YP\AJ	Ok
25	PB156777BS	FF013668.D	30 Oct 2023 21:58	YP\AJ	Ok
26	O5128-01	FF013669.D	30 Oct 2023 22:27	YP\AJ	Ok
27	O5128-02	FF013670.D	30 Oct 2023 22:57	YP\AJ	Ok
28	O5128-03	FF013671.D	30 Oct 2023 23:26	YP\AJ	Ok
29	O5128-04	FF013672.D	30 Oct 2023 23:55	YP\AJ	Not Ok
30	O5128-05	FF013673.D	31 Oct 2023 00:24	YP\AJ	Not Ok
31	MECL2	FF013674.D	31 Oct 2023 01:22	YP\AJ	Ok
32	PB156775BL	FF013675.D	31 Oct 2023 01:51	YP\AJ	Ok
33	PB156775BS	FF013676.D	31 Oct 2023 02:21	YP\AJ	Ok
34	O5126-04	FF013677.D	31 Oct 2023 02:50	YP\AJ	Ok
35	O5126-05	FF013678.D	31 Oct 2023 03:19	YP\AJ	Ok
36	O5126-07	FF013679.D	31 Oct 2023 03:48	YP\AJ	Ok
37	MECL2	FF013680.D	31 Oct 2023 04:46	YP\AJ	Ok
38	PB156776BL	FF013681.D	31 Oct 2023 05:44	YP\AJ	Ok
39	PB156776BS	FF013682.D	31 Oct 2023 06:14	YP\AJ	Ok
40	PB156776BSD	FF013683.D	31 Oct 2023 06:43	YP\AJ	Ok
41	O5126-10	FF013684.D	31 Oct 2023 07:12	YP\AJ	Not Ok

CHEMTECH

Instrument ID: FID_F

284 Sheffield Street, Mountainside NJ 07092 (908) 789-8900

Daily Analysis Runlog For Sequence/QCBatch ID #FF103023

STD. NAME	STD REF.#	STD. NAME	STD REF.#
Review By	Ankita Jodhani	Review On	11/8/2023 9:47:23 AM
Tune/Reschk		Initial Calibration Stds	P10566,P10565,P10561,P10571,P10570,P7042,P7031,P6023,P10569,P10562,P5953,P10567,P7048
CCC		SubDirectory	FF103023
Internal Standard/PEM		HP Acquire Method	
ICV/I.BLK		HP Processing Method	FF103023
Surrogate Standard		MS/MSD Standard	
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
42	O5126-11	FF013685.D	31 Oct 2023 07:41	YP\AJ	Ok
43	O5126-12	FF013686.D	31 Oct 2023 08:10	YP\AJ	Ok
44	O5126-13	FF013687.D	31 Oct 2023 08:39	YP\AJ	Ok
45	O5126-14	FF013688.D	31 Oct 2023 09:08	YP\AJ	Ok
46	O5127-03	FF013689.D	31 Oct 2023 09:37	YP\AJ	Ok
47	O5127-04	FF013690.D	31 Oct 2023 10:06	YP\AJ	Ok
48	O5128-04	FF013691.D	31 Oct 2023 10:36	YP\AJ	Ok
49	O5128-05	FF013692.D	31 Oct 2023 12:16	YP\AJ	Ok
50	O5126-10	FF013693.D	31 Oct 2023 12:45	YP\AJ	Ok

M : Manual Integration

CHEMTECH

EXTRACTION LOGPAGE

PB156775

SOP ID:	M3510C,3580A-Extraction DRO-12				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/30/2023
Matrix :	Solid			**Extraction Start Time :**	11:35
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	10/30/2023
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	N/A	**Hood ID:**	N/A	**Supervisor By :**	rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☑ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	PP22510
Surrogate	1.0ML	20 PPM	PP22486
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3588
Baked Na2SO4	N/A	EP2402
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID:	N/A	**Envap ID:**	N/A
KD Bath Temperature:	N/A	**Envap Temperature:**	N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/23	RP (Ext. Lab)	T-P-Peptides
13:05	**Preparation Group**	**Analysis Group**

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB156775

Analytical Method: M3510C,3580A-Extraction DRO-12 **Concentration Date:** 10/30/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156775BL	PB156775BL	Fingerprint	1.03	N/A	ritesh	RUPESH	10			
PB156775BS	PB156775BS	Fingerprint	1.01	N/A	ritesh	RUPESH	10			
O5126-04	LQ-4	Fingerprint	1.02	N/A	ritesh	RUPESH	10	A	Oil	
O5126-05	LQ-5	Fingerprint	1.05	N/A	ritesh	RUPESH	10	A	Oil	
O5126-07	LQ-7	Fingerprint	1.08	N/A	ritesh	RUPESH	10	A	Oil	

* **Extracts relinquished on the same date as received.**

10/30/23

175093
11:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : o5126 **WorkList ID :** 175093 **Department :** Extraction **Date :** 10-30-2023 11:32:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5126-04	LQ-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5126-05	LQ-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5126-07	LQ-7	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-01	HEX-1	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-02	HEX-2	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-03	HEX-3	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-04	HEX-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-05	HEX-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-01	SOL-1	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-02	SOL-2	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-03	SOL-3	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-04	SOL-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-05	SOL-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D

Date/Time 10/30/23 11:33
Raw Sample Received by: RJ (Ext 10-6)
Raw Sample Relinquished by: SM

Date/Time 10/30/23 11:55
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (Ext 10-6)

CHEMTECH

EXTRACTION LOGPAGE

PB156776

SOP ID:	M3510C,3580A-Extraction DRO-12				
Clean Up SOP #:	N/A			**Extraction Start Date :**	10/30/2023
Matrix :	Water			**Extraction Start Time :**	11:35
Weigh By:	N/A	**Extraction By:**	RP	**Extraction End Date :**	10/30/2023
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	20 PPM	pp22510
Surrogate	1.0ML	20 PPM	pp22486
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	e3588
Baked Na2SO4	N/A	ep2402
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

Limited volume recd. for all samples. 1.5 ml Vial lot# 2210678.

KD Bath ID:	W.BATH-1	**Envap ID:**	NE VAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/23	RP (Ext Tech)	Y.P.Pest/PCB.
16:30	**Preparation Group**	**Analysis Group**

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB156776

Analytical Method: M3510C,3580A-Extraction DRO-12 **Concentration Date:** 10/30/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156776BL	PB156776BL	Fingerprint	1000	6	ritesh	ritesh	1			SEP-04
PB156776BS	PB156776BS	Fingerprint	1000	6	ritesh	ritesh	1			5
PB156776BSD	PB156776BSD	Fingerprint	1000	6	ritesh	ritesh	1			6
O5126-10	LQ-1	Fingerprint	100	6	ritesh	ritesh	1			7
O5126-11	LQ-2	Fingerprint	100	6	ritesh	ritesh	5			8
O5126-12	LQ-3	Fingerprint	50	6	ritesh	ritesh	1			9
O5126-13	LQ-6	Fingerprint	100	6	ritesh	ritesh	1			10
O5126-14	LQ-8	Fingerprint	50	6	ritesh	ritesh	1			11

* **Extracts relinquished on the same date as received.**

WORKLIST(Hardcopy Internal Chain)

WorkList Name : o5126 **WorkList ID :** 175093 **Department :** Extraction **Date :** 10-30-2023 11:32:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5126-04	LQ-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5126-05	LQ-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5126-07	LQ-7	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-01	HEX-1	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-02	HEX-2	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-03	HEX-3	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-04	HEX-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5127-05	HEX-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-01	SOL-1	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-02	SOL-2	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-03	SOL-3	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-04	SOL-4	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D
O5128-05	SOL-5	Solid	Fingerprint	Cool 4 deg C	LANG01	I41	10/26/2023	8015D

Date/Time 10/30/23 11:35
Raw Sample Received by: RJ (Ext. Lab)
Raw Sample Relinquished by:

Date/Time 10/30/23 12:20
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext. Lab)

LABORATORY CHRONICLE
QUALITATIVE GC FINGERPRINT BY METHOD 8015

Client: Con Edison Non-MGP - 3rd Ave Yard
Project: Langan Engineering and Environmental Services, Inc
DATE RECEIVED: 10/27/2023

SAMPLE DESCRIPTION/LOCATION	LAB ID	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED	ANALYST
LQ-4	O5126-04	10/26/2023	10/30/2023	10/31/2023	YP
LQ-5	O5126-05	10/26/2023	10/30/2023	10/31/2023	YP
LQ-7	O5126-07	10/26/2023	10/30/2023	10/31/2023	YP
LQ-1	O5126-10	10/26/2023	10/30/2023	10/31/2023	YP
LQ-2	O5126-11	10/26/2023	10/30/2023	10/31/2023	YP
LQ-3	O5126-12	10/26/2023	10/30/2023	10/31/2023	YP
LQ-6	O5126-13	10/26/2023	10/30/2023	10/31/2023	YP
LQ-8	O5126-14	10/26/2023	10/30/2023	10/31/2023	YP

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

5 DAY TAT

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. 05126
QUOTE NO. ConEdison Nom-MGP
COC Number 2042607 05130

7
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Langan Environmental
ADDRESS: 300 Kimball Rd
CITY Parsippany STATE NJ ZIP:
ATTENTION: Greg Delmastro
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3rd Ave Yard ConEdison
PROJECT NO.: 190099301 LOCATION:
PROJECT MANAGER: Greg Delmastro
e-mail: Gdelmastro@langan.com
PHONE: 914-391-9608 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☑ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 Finger sampling 2 PCBs 3 TOX 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. LQ-1	Oil Water Separator sample	Oil/liquid		X	10/26/23	9:45		X	X	X							
2. LQ-2	Spill container palette #2 sample			X		10:23		X	X	X							
3. LQ-3	Used automotive oil container #1			X		12:00		X	X	X							
4. LQ-4	Spill container palette #4			X		11:10		X	X	X							
5. LQ-5	Plastic container #1 - yellowish liquid			X		13:20		X	X	X							
6. LQ-6	Plastic container #2 - clear liquid			X		13:40		X	X	X							
7. LQ-7	Plastic container #3 - Red clear liquid			X		13:45		X	X	X							
8. LQ-8	55-gallon drum - Red liquid			X		14:00		X	X	X							
9. WT-1	Sump #1 - water	Water		X		11:25			X								
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	10:05 am 10-27-23	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.6 °C
Comments:

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

From: Gregory DelMastro <gdelmastro@langan.com>
Sent: Saturday, November 04, 2023 7:43 AM
To: Jordan@chemtech.net; Gregory DelMastro
Cc: Frank Acciarito; Seyena Simpson; Craig Napolitano; 'Brandon Lomax'; 'Yazmeen Gomez'
Subject: RE: [External] Re: Con Edison 3rd Ave Yard URGENT

Please cross this off on the COC. Was there any separate phase petroleum fraction in the water?

Thanks
Greg

Gregory DelMastro, PG
Senior Project Manager

LANGAN

Direct: 914.323.7414
Mobile: 914.391.9608
File Sharing Link
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA VIRGINIA WASHINGTON, DC
OHIO ILLINOIS NORTH CAROLINA TENNESSEE FLORIDA TEXAS ARIZONA COLORADO UTAH WASHINGTON CALIFORNIA
ATHENS CALGARY DUBAI LONDON PANAMA

From: Jordan Hedvat <Jordan@chemtech.net>
Sent: Thursday, November 2, 2023 2:26 PM
To: Gregory DelMastro <gdelmastro@langan.com>
Cc: Frank Acciarito <facciarito@langan.com>; Seyena Simpson <Ssimpson@langan.com>; Craig Napolitano <cnapolitano@langan.com>; 'Brandon Lomax' <brandon@chemtech.net>; 'Yazmeen Gomez' <Yazmeen@chemtech.net>
Subject: RE: [External] Re: Con Edison 3rd Ave Yard URGENT

Greg,

Project # O5126 samples received are water/aqueous for PCB should be using 1L amber, but received samples in 8oz. jars this is too little volume to analyze, probably field sampler was thinking it was an oil matrix. Please use 1L ambers for PCBs in aqueous. The (5) “LQ-“ samples received in O5016 will not be able to be analyzed as received.

Regards,

Jordan Hedvat

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092
Direct: (908) 728-3144
jordan@chemtech.net | www.chemtech.net

From: Jordan Hedvat [mailto:jordan@chemtech.net]
Sent: Thursday, October 26, 2023 10:26 AM
To: Gregory DelMastro; Brandon Lomax
Cc: Frank Acciarito; Seyena Simpson; Craig Napolitano
Subject: Re: [External] Re: Con Edison 3rd Ave Yard URGENT

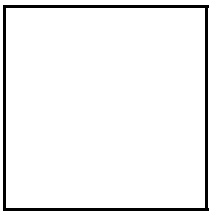
Note, please use two wipes per sample when you need both PCB and Fingerprint, one per test.

Thanks

Jordan Hedvat

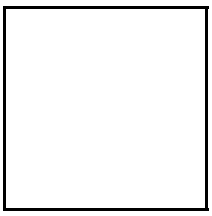
CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092
Direct: (908) 728-3144
jordan@chemtech.net | www.chemtech.net



Your Opinion Matters! Please Give Us Your Feedback

> On Oct 26, 2023, at 10:23 AM, Jordan Hedvat <jordan@chemtech.net> wrote:
>
> Please pick them up if you can
>
> We'll have extras ready so you don't have to request for each event, just hold on to them.
>
> Thanks
>
> Jordan Hedvat
>
> CHEMTECH
>
> 284 Sheffield St. | Mountainside, NJ 07092
> Direct: (908) 728-3144
> jordan@chemtech.net | www.chemtech.net



Your Opinion Matters! Please Give Us Your Feedback

On Oct 26, 2023, at 10:03 AM, Gregory DelMastro <gdelmastro@langan.com> wrote:

Jordan

They are in the field right now at 3rd Ave Yard , 222 1st Avenue in Brooklyn, the second Con Edison project. They need the wipe samples asap. How can we get them the wipes, extra COCs, and additional glassware for solids today? Do you have a courier or do I need to come pick them up?

Thanks, please call to discuss.
Greg

Gregory DelMastro, PG
Senior Project Manager

LANGAN

Direct: 914.323.7414
Mobile: 914.391.9608
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ATHENS CALGARY DUBAI LONDON PANAMA

From: Jordan Hedvat <jordan@chemtech.net>
Sent: Thursday, October 26, 2023 9:57 AM
To: Gregory DelMastro <gdelmastro@langan.com>
Cc: Frank Acciarito <facciarito@langan.com>; Seyena Simpson <Ssimpson@langan.com>; Craig Napolitano <cnapolitano@langan.com>
Subject: [External] Re: Con Edison 3rd Ave Yard URGENT

Greg,

See marked below. Your tech dropped off extra bottles last time, I would suggest holding them for emergencies if you plan to have a lot more sampling events. We can send you a stack of COCs and extra bottles too so you don't have to keep ordering small sets.

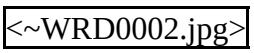
PCB and Fingerprint will require its own separate wipe kits. Should we bring more today?

Regards,

Jordan Hedvat

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092
Direct: (908) 728-3144
jordan@chemtech.net | www.chemtech.net



Your Opinion Matters! Please Give Us Your Feedback

> On Oct 26, 2023, at 9:42 AM, Gregory DelMastro <gdelmastro@langan.com> wrote:
>
> Jordan
>
> Just left you a VM message. Can you please respond to all and ID which bottleware is associated with each media and analyses:
>
> Stained Surfaces – Fingerprinting, PCBs, TOX (**We have no hexane wipes in the coolers**)
>
> Caulk – PCBs - 8oz glass jar
>
> Liquids – PCBs - 1L amber jar
>
> Flaking/Peeling Paint – PCBs, TCLP Metals - 2x 8oz glass jars
>
> Solids/Sediments – Fingerprinting, PCBs — 2x 8oz glass jars
>
> Unknown Oils – Fingerprinting, PCBs, TOX — 2x 8oz glass jars
>
> Caustics/Acids – pH — 4oz glass jar
>
> Thanks, also need more chain of custody forms
>
> Greg
>
> **Gregory DelMastro, PG**
> **Senior Project Manager**

LANGAN

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Laboratory Certification

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CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-23-16