

Cover Page

Order ID : Q2458

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2458-01
Q2458-02
Q2458-03
Q2458-04
Q2458-05
Q2458-06
Q2458-07
Q2458-08
Q2458-09
Q2458-10

Client Sample Number

TP-76
TP-55
TP-68
TP-67
TP-66
TP-60
TP-62
TP-63
TP-59
FB-06272025

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 : _____

Date: 7/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

CDM Smith

Project Name: South River WM Replacement

Project # N/A

Order ID # Q2458

Test Name: PCB

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 06/27/2025.

1 Water sample was received on 06/27/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Herbicide, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, VOC-TCLVOA-10 and VOC-TCLVOA-10. 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 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; 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 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; 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.

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 .

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:



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

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_____

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 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 #: Q2458

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

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 07/09/2025

LAB CHRONICLE

OrderID:	Q2458	OrderDate:	6/27/2025 4:22:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2458-01	TP-76	SOIL			06/26/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-02	TP-55	SOIL			06/26/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-03	TP-68	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-04	TP-67	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-05	TP-66	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-06	TP-60	SOIL			06/27/25			06/27/25
			Diesel Range Organics	8015D		07/02/25	07/02/25	
			Gasoline Range Organics	8015D			06/30/25	
			PCB	8082A		07/01/25	07/01/25	
Q2458-07	TP-62	SOIL			06/27/25			06/27/25
			Gasoline Range Organics	8015D			07/01/25	

LAB CHRONICLE

Q2458-08	TP-63	SOIL	PCB	8082A	07/01/25	07/01/25	06/27/25	06/27/25
			Gasoline Range Organics	8015D		06/30/25		
			PCB	8082A	07/01/25	07/01/25		
Q2458-09	TP-59	SOIL	Gasoline Range Organics	8015D		06/30/25	06/27/25	06/27/25
			PCB	8082A	07/01/25	07/02/25		
Q2458-10	FB-06272025	Water					06/27/25	06/27/25
			Diesel Range Organics	8015D	07/02/25	07/02/25		
			Gasoline Range Organics	8015D		07/01/25		
			PCB	8082A	07/02/25	07/02/25		

Hit Summary Sheet
SW-846

SDG No.: Q2458

Order ID: Q2458

Client: CDM Smith

Project ID: South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q2458-08	TP-63 TP-63	SOIL	Aroclor-1254	8.30	J	3.70	19.6	ug/kg
Total Concentration:				8.300				



QC SUMMARY

Surrogate Summary

SDG No.: **Q2458**

Client: **CDM Smith**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO111586.D	PIBLK-PO111586.D	Tetrachloro-m-xyl	1	20	20.3	102		60	140
		Decachlorobiphen	1	20	20.7	104		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	20.5	103		60	140
I.BLK-PO111933.D	PIBLK-PO111933.D	Tetrachloro-m-xyl	1	20	18.8	94		60	140
		Decachlorobiphen	1	20	17.1	86		60	140
		Tetrachloro-m-xyl	2	20	17.6	88		60	140
		Decachlorobiphen	2	20	18.4	92		60	140
PB168671BL	PB168671BL	Tetrachloro-m-xyl	1	20	20.0	100		32	144
		Decachlorobiphen	1	20	18.7	94		32	175
		Tetrachloro-m-xyl	2	20	18.8	94		32	144
		Decachlorobiphen	2	20	19.9	100		32	175
PB168671BS	PB168671BS	Tetrachloro-m-xyl	1	20	20.1	100		32	144
		Decachlorobiphen	1	20	19.4	97		32	175
		Tetrachloro-m-xyl	2	20	18.7	93		32	144
		Decachlorobiphen	2	20	20.5	102		32	175
Q2458-01	TP-76	Tetrachloro-m-xyl	1	20	20.0	100		32	144
		Decachlorobiphen	1	20	11.7	59		32	175
		Tetrachloro-m-xyl	2	20	18.5	93		32	144
		Decachlorobiphen	2	20	12.8	64		32	175
Q2458-02	TP-55	Tetrachloro-m-xyl	1	20	19.3	96		32	144
		Decachlorobiphen	1	20	10.9	54		32	175
		Tetrachloro-m-xyl	2	20	18.0	90		32	144
		Decachlorobiphen	2	20	12.9	64		32	175
Q2458-02MS	TP-55MS	Tetrachloro-m-xyl	1	20	19.1	95		32	144
		Decachlorobiphen	1	20	12.7	63		32	175
		Tetrachloro-m-xyl	2	20	17.1	86		32	144
		Decachlorobiphen	2	20	15.2	76		32	175
Q2458-02MSD	TP-55MSD	Tetrachloro-m-xyl	1	20	20.4	102		32	144
		Decachlorobiphen	1	20	12.8	64		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	15.3	77		32	175
Q2458-03	TP-68	Tetrachloro-m-xyl	1	20	18.5	92		32	144
		Decachlorobiphen	1	20	8.93	45		32	175
		Tetrachloro-m-xyl	2	20	16.5	82		32	144
		Decachlorobiphen	2	20	12.3	62		32	175
Q2458-04	TP-67	Tetrachloro-m-xyl	1	20	18.9	94		32	144
		Decachlorobiphen	1	20	12.4	62		32	175
		Tetrachloro-m-xyl	2	20	18.3	91		32	144
		Decachlorobiphen	2	20	14.6	73		32	175
Q2458-05	TP-66	Tetrachloro-m-xyl	1	20	19.6	98		32	144

Surrogate Summary

SDG No.: Q2458

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2458-05	TP-66	Decachlorobiphen	1	20	12.4	62		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
Q2458-06	TP-60	Decachlorobiphen	2	20	15.3	76		32	175
		Tetrachloro-m-xyl	1	20	20.5	103		32	144
		Decachlorobiphen	1	20	10.7	53		32	175
		Tetrachloro-m-xyl	2	20	19.4	97		32	144
		Decachlorobiphen	2	20	13.8	69		32	175
I.BLK-PO111949.D	PIBLK-PO111949.D	Tetrachloro-m-xyl	1	20	19.0	95		60	140
		Decachlorobiphen	1	20	15.9	79		60	140
		Tetrachloro-m-xyl	2	20	17.6	88		60	140
		Decachlorobiphen	2	20	18.1	90		60	140
Q2458-07	TP-62	Tetrachloro-m-xyl	1	20	19.0	95		32	144
		Decachlorobiphen	1	20	13.5	67		32	175
		Tetrachloro-m-xyl	2	20	17.6	88		32	144
		Decachlorobiphen	2	20	15.4	77		32	175
Q2458-08	TP-63	Tetrachloro-m-xyl	1	20	19.4	97		32	144
		Decachlorobiphen	1	20	11.9	59		32	175
		Tetrachloro-m-xyl	2	20	18.1	90		32	144
		Decachlorobiphen	2	20	15.2	76		32	175
		Tetrachloro-m-xyl	1	20	20.1	101		60	140
I.BLK-PO111965.D	PIBLK-PO111965.D	Decachlorobiphen	1	20	17.9	89		60	140
		Tetrachloro-m-xyl	2	20	18.3	92		60	140
		Decachlorobiphen	2	20	18.9	95		60	140
		Tetrachloro-m-xyl	1	20	20.1	101		60	140
I.BLK-PO111971.D	PIBLK-PO111971.D	Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
		Tetrachloro-m-xyl	1	20	20.4	102		32	144
Q2458-09	TP-59	Decachlorobiphen	1	20	14.7	74		32	175
		Tetrachloro-m-xyl	2	20	19.2	96		32	144
		Decachlorobiphen	2	20	16.2	81		32	175
		Tetrachloro-m-xyl	1	20	20.3	102		60	140
I.BLK-PO111985.D	PIBLK-PO111985.D	Decachlorobiphen	1	20	17.7	89		60	140
		Tetrachloro-m-xyl	2	20	19.2	96		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
		Tetrachloro-m-xyl	1	20	19.7	98		30	173
PB168704BL	PB168704BL	Decachlorobiphen	1	20	17.4	87		10	173
		Tetrachloro-m-xyl	2	20	18.6	93		30	173
		Decachlorobiphen	2	20	19.8	99		10	173
		Tetrachloro-m-xyl	1	20	19.7	99		30	173
PB168704BS	PB168704BS	Tetrachloro-m-xyl	1	20	19.7	99		30	173
		Decachlorobiphen	1	20	18.1	91		10	173

Surrogate Summary

SDG No.: Q2458

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB168704BS	PB168704BS	Tetrachloro-m-xyl	2	20	18.4	92		30	173
		Decachlorobiphen	2	20	20.7	104		10	173
PB168704BSD	PB168704BSD	Tetrachloro-m-xyl	1	20	19.6	98		30	173
		Decachlorobiphen	1	20	18.0	90		10	173
		Tetrachloro-m-xyl	2	20	18.3	91		30	173
		Decachlorobiphen	2	20	20.6	103		10	173
I.BLK-PO111999.D	PIBLK-PO111999.D	Tetrachloro-m-xyl	1	20	20.6	103		60	140
		Decachlorobiphen	1	20	17.1	85		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	19.0	95		60	140
I.BLK-PP073412.D	PIBLK-PP073412.D	Tetrachloro-m-xyl	1	20	16.6	83		60	140
		Decachlorobiphen	1	20	15.7	78		60	140
		Tetrachloro-m-xyl	2	20	16.5	83		60	140
		Decachlorobiphen	2	20	16.5	82		60	140
I.BLK-PP073467.D	PIBLK-PP073467.D	Tetrachloro-m-xyl	1	20	16.7	84		60	140
		Decachlorobiphen	1	20	15.8	79		60	140
		Tetrachloro-m-xyl	2	20	18.1	90		60	140
		Decachlorobiphen	2	20	18.3	91		60	140
Q2458-10	FB-06272025	Tetrachloro-m-xyl	1	20	20.0	100		30	173
		Decachlorobiphen	1	20	12.6	63		10	173
		Tetrachloro-m-xyl	2	20	23.5	117		30	173
		Decachlorobiphen	2	20	16.4	82		10	173
I.BLK-PP073482.D	PIBLK-PP073482.D	Tetrachloro-m-xyl	1	20	15.8	79		60	140
		Decachlorobiphen	1	20	14.4	72		60	140
		Tetrachloro-m-xyl	2	20	17.8	89		60	140
		Decachlorobiphen	2	20	18.7	93		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO111938.D</u>

		Sample				Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High
Lab Sample ID:	Q2458-02MS	Client Sample ID:		TP-55MS							
	(Column 1)										
	AR1016	181.9	0	150	ug/kg	82				55	146
	AR1260	181.9	0	133	ug/kg	73				54	119
Lab Sample ID:	Q2458-02MS	Client Sample ID:		TP-55MS							
	(Column 2)										
	AR1016	181.9	0	155	ug/kg	85				55	146
	AR1260	181.9	0	139	ug/kg	76				54	119

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO111939.D</u>

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2458-02MSD (Column 1)		Client Sample ID:	TP-55MSD								
	AR1016	182	0	172	ug/kg	95		15		55	146	15
	AR1260	182	0	133	ug/kg	73		0		54	119	15
Lab Sample ID:	Q2458-02MSD (Column 2)		Client Sample ID:	TP-55MSD								
	AR1016	182	0	157	ug/kg	86		1		55	146	15
	AR1260	182	0	141	ug/kg	77		1		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PO111935.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168671BS (Column 1)	AR1016	166.6	156	ug/kg	94				71	120	
	AR1260	166.6	167	ug/kg	100				65	130	
PB168671BS (Column 2)	AR1016	166.6	163	ug/kg	98				71	120	
	AR1260	166.6	162	ug/kg	97				65	130	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2458

Analytical Method: 8082A

Client: CDM Smith

Datafile : PO111987.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168704BS (Column 1)	AR1016	5	4.70	ug/L	94				77	107	
	AR1260	5	4.80	ug/L	96				66	113	
PB168704BS (Column 2)	AR1016	5	5.00	ug/L	100				77	107	
	AR1260	5	5.00	ug/L	100				66	113	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2458</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PO111988.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168704BSD (Column 1)	AR1016	5	4.60	ug/L	92	2			77	107	20
	AR1260	5	4.60	ug/L	92	4			66	113	20
PB168704BSD (Column 2)	AR1016	5	4.90	ug/L	98	2			77	107	20
	AR1260	5	5.00	ug/L	100	0			66	113	20

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168671BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168671BL

Lab File ID: PO111934.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/01/2025

Date Analyzed (1): 07/01/2025

Date Analyzed (2): 07/01/2025

Time Analyzed (1): 16:27

Time Analyzed (2): 16:27

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
PB168671BS	PB168671BS	PO111935.D	07/01/2025	07/01/2025
TP-76	Q2458-01	PO111936.D	07/01/2025	07/01/2025
TP-55	Q2458-02	PO111937.D	07/01/2025	07/01/2025
TP-55MS	Q2458-02MS	PO111938.D	07/01/2025	07/01/2025
TP-55MSD	Q2458-02MSD	PO111939.D	07/01/2025	07/01/2025
TP-68	Q2458-03	PO111940.D	07/01/2025	07/01/2025
TP-67	Q2458-04	PO111941.D	07/01/2025	07/01/2025
TP-66	Q2458-05	PO111942.D	07/01/2025	07/01/2025
TP-60	Q2458-06	PO111943.D	07/01/2025	07/01/2025
TP-62	Q2458-07	PO111950.D	07/01/2025	07/01/2025
TP-63	Q2458-08	PO111951.D	07/01/2025	07/01/2025
TP-59	Q2458-09	PO111976.D	07/02/2025	07/02/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168704BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168704BL

Lab File ID: PO111986.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/02/2025

Date Analyzed (1): 07/02/2025

Date Analyzed (2): 07/02/2025

Time Analyzed (1): 17:45

Time Analyzed (2): 17:45

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
PB168704BS	PB168704BS	PO111987.D	07/02/2025	07/02/2025
PB168704BSD	PB168704BSD	PO111988.D	07/02/2025	07/02/2025
FB-06272025	Q2458-10	PP073474.D	07/02/2025	07/02/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-76	SDG No.:	Q2458
Lab Sample ID:	Q2458-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111936.D	1	07/01/25 08:30	07/01/25 17:02	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		32 - 175	64%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
Data File : PO111936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:02
Operator : YP/AJ
Sample : Q2458-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-76

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:47:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.676	3.673	115.0E6	103.9E6	19.964	18.500
2) SA Decachlor...	8.708	8.659	61519874	22669108	11.720	12.752

Target Compounds

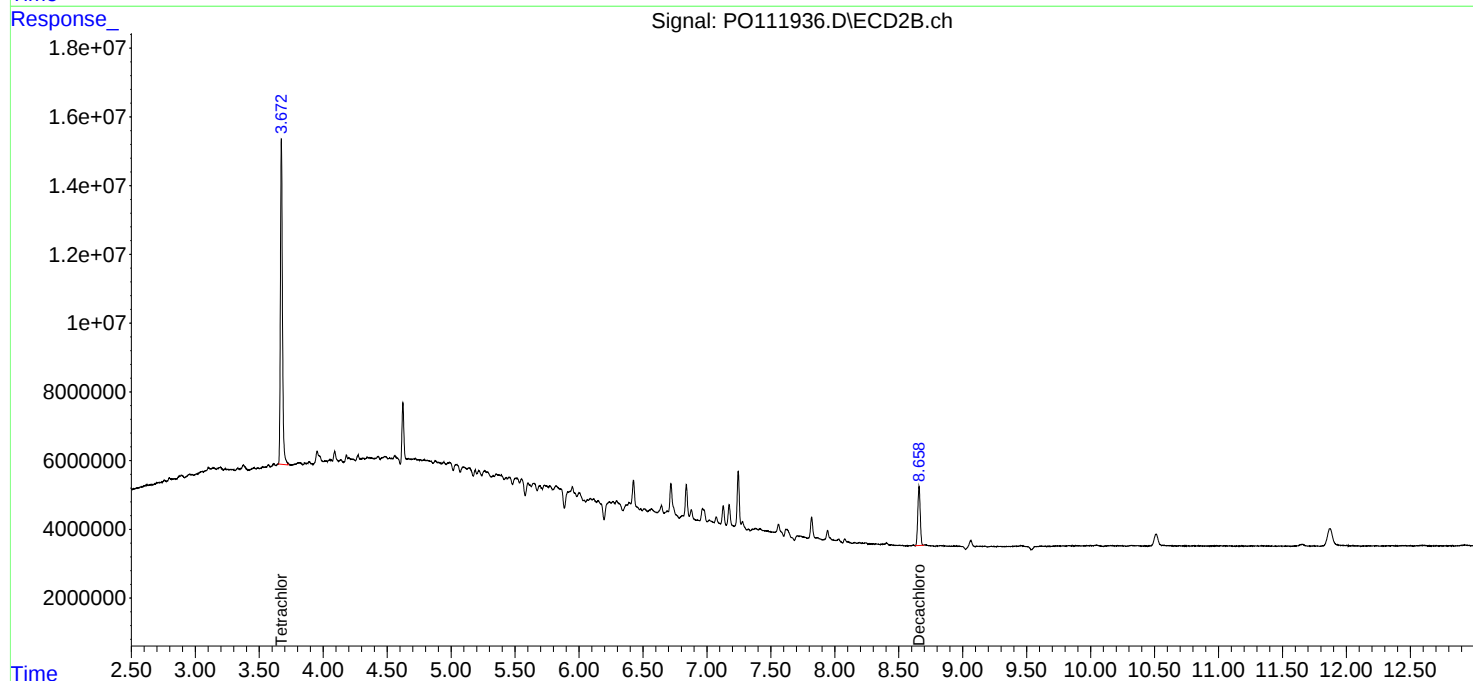
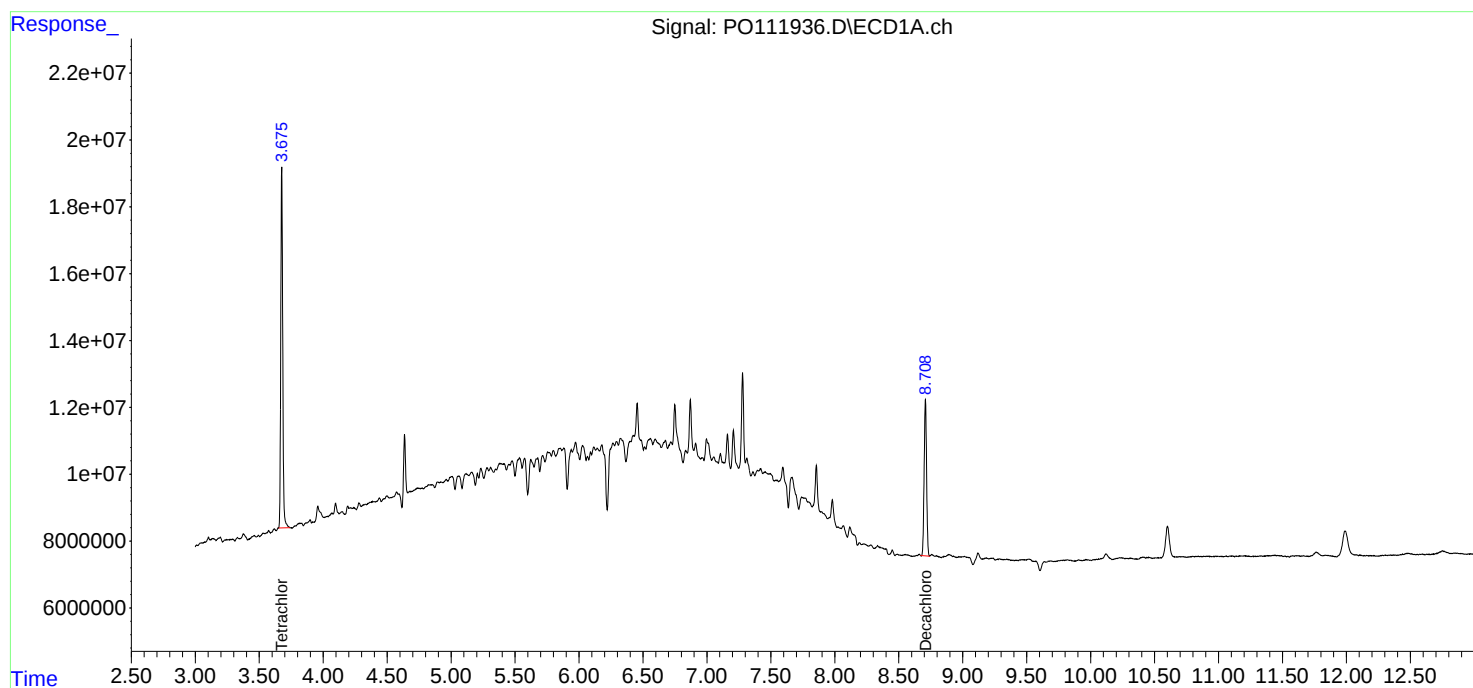
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

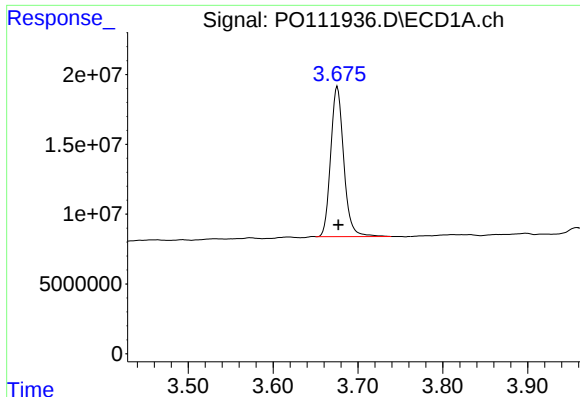
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:02
Operator : YP/AJ
Sample : Q2458-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-76

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:47:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

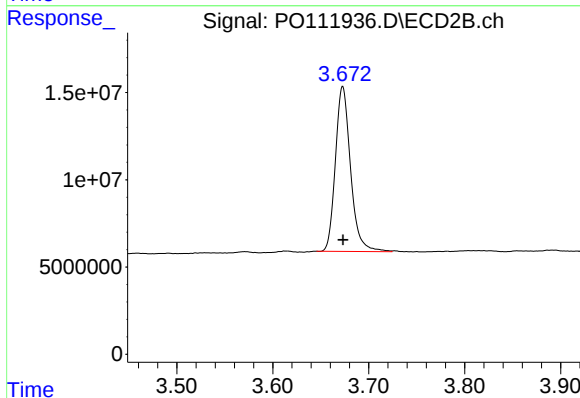




#1 Tetrachloro-m-xylene

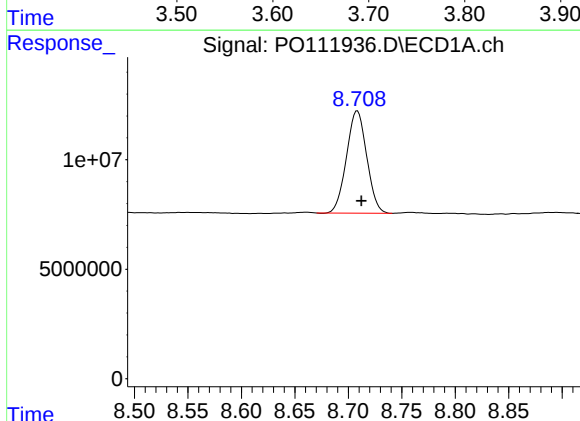
R.T.: 3.676 min
Delta R.T.: -0.001 min
Response: 114980964
Conc: 19.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-76



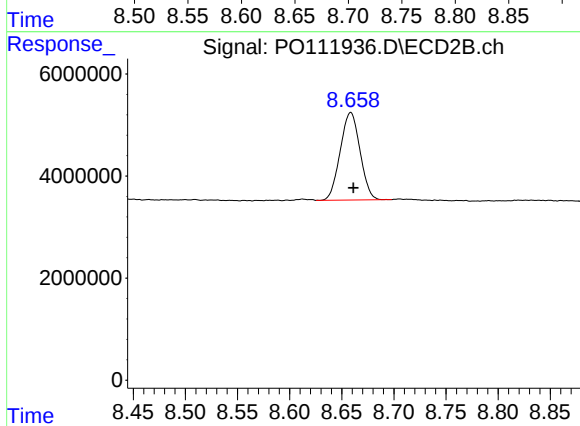
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 103917640
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 61519874
Conc: 11.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 22669108
Conc: 12.75 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-55	SDG No.:	Q2458
Lab Sample ID:	Q2458-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111937.D	1	07/01/25 08:30	07/01/25 17:19	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.9		32 - 175	64%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:19
 Operator : YP/AJ
 Sample : Q2458-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-55

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:47:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	110.9E6	101.2E6	19.250	18.023
2) SA Decachlor...	8.707	8.658	57218890	22859093	10.900	12.859

Target Compounds

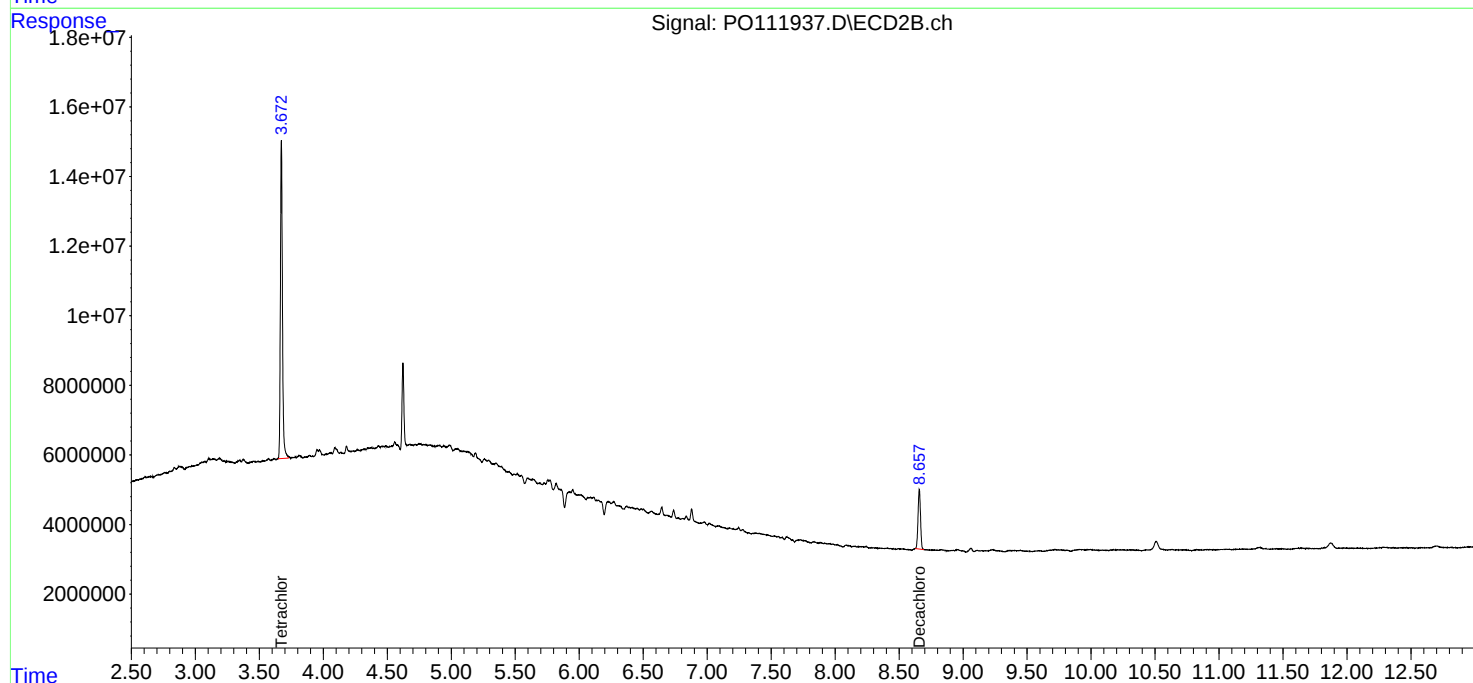
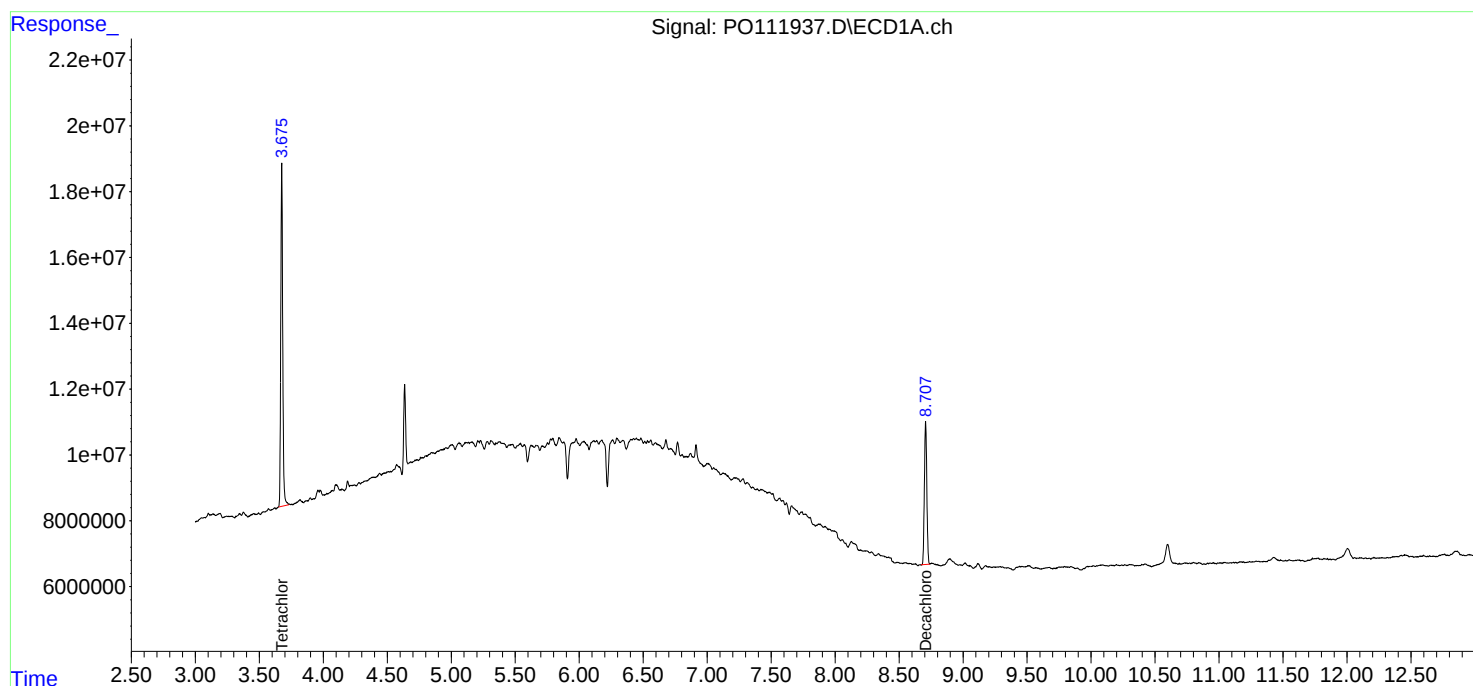
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

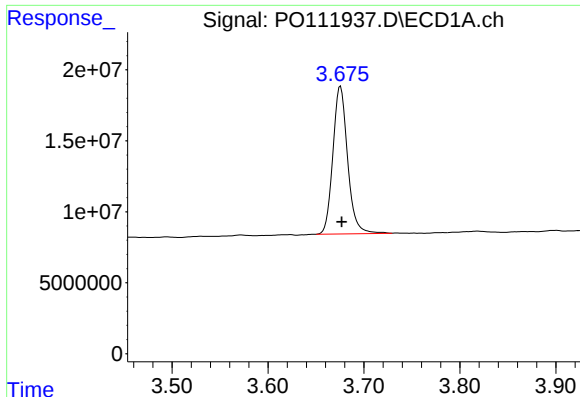
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:19
Operator : YP/AJ
Sample : Q2458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-55

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:47:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

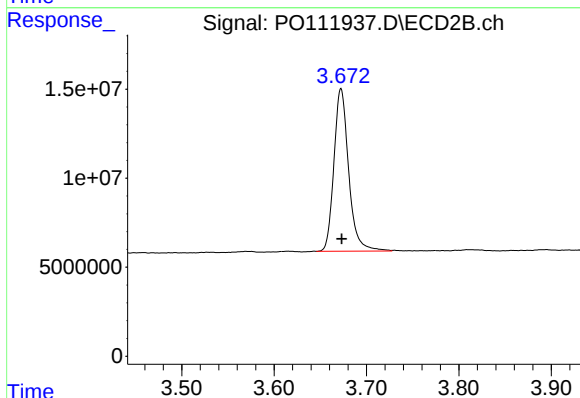




#1 Tetrachloro-m-xylene

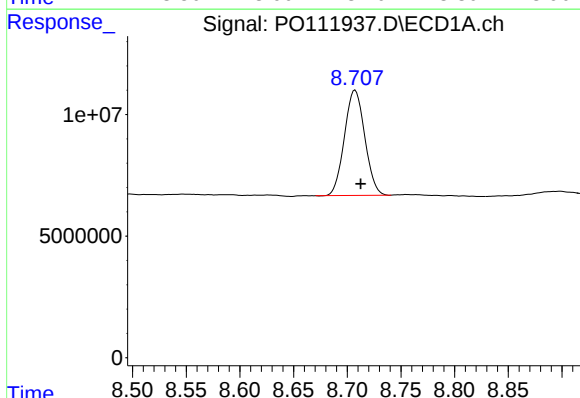
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 110866975
Conc: 19.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-55



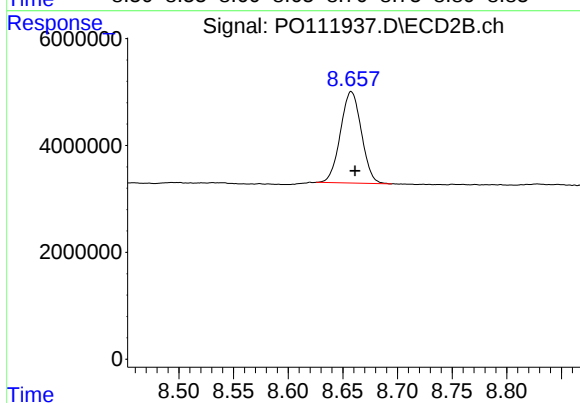
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 101238470
Conc: 18.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 57218890
Conc: 10.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 22859093
Conc: 12.86 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-68	SDG No.:	Q2458
Lab Sample ID:	Q2458-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111940.D	1	07/01/25 08:30	07/01/25 18:12	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.4	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.4	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.4	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.4	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.4	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.3		32 - 175	62%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:12
 Operator : YP/AJ
 Sample : Q2458-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-68

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:49:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.676	3.673	106.3E6	92480700	18.457	16.464
2) SA Decachlor...	8.706	8.656	46899770	21884269	8.935	12.311m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:12
Operator : YP/AJ
Sample : Q2458-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

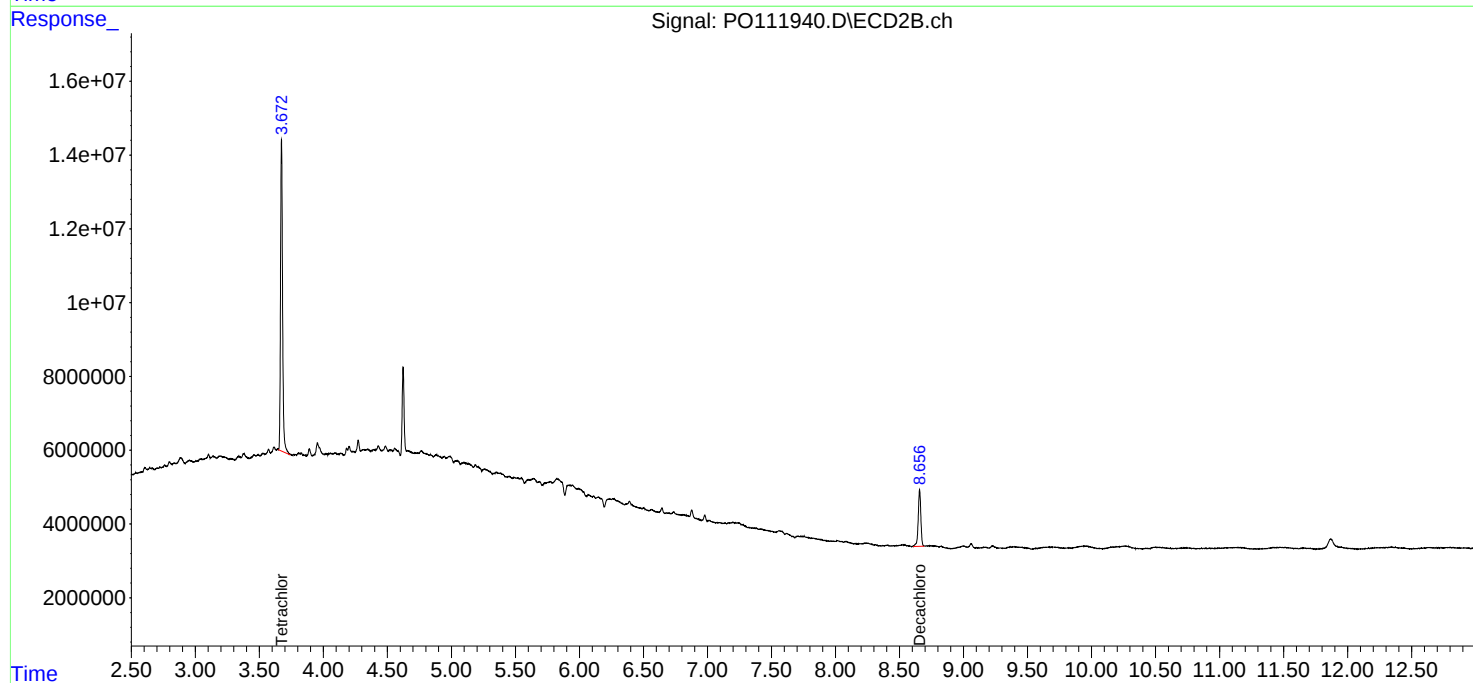
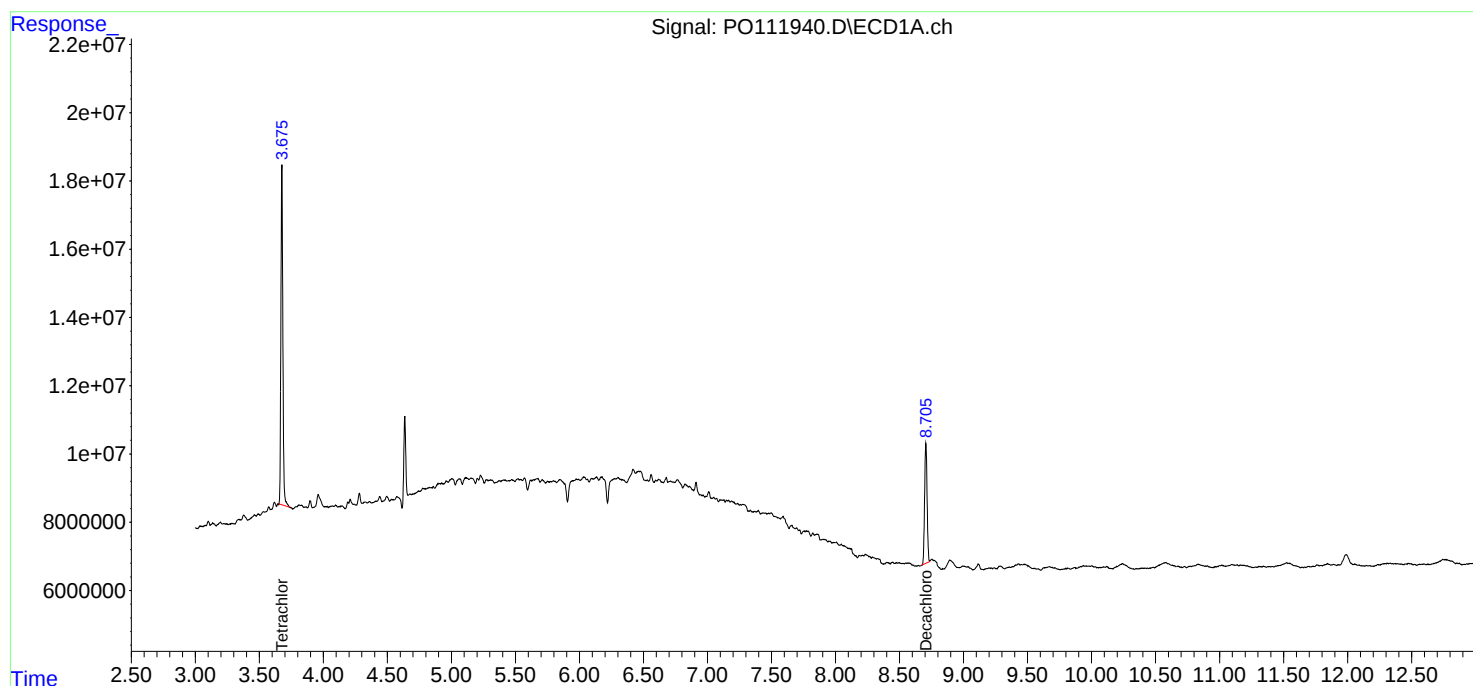
Instrument :
ECD_O
ClientSampleId :
TP-68

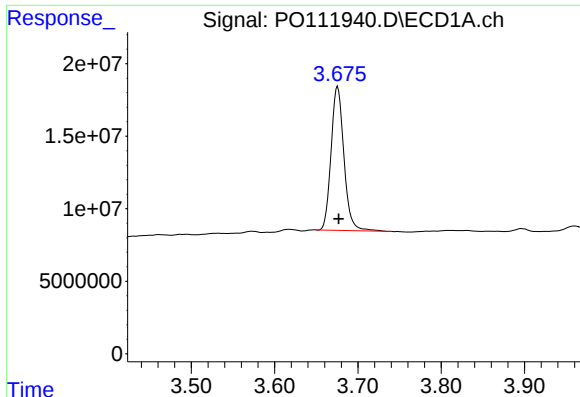
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





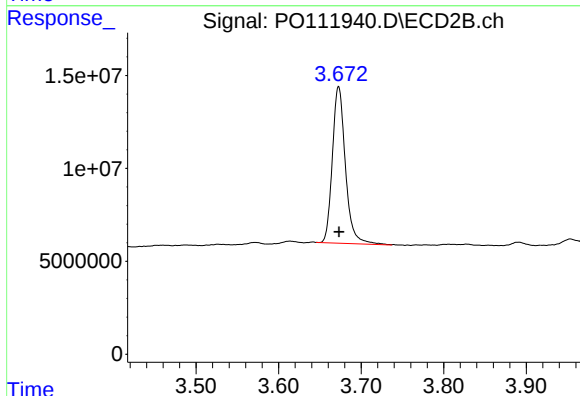
#1 Tetrachloro-m-xylene

R.T.: 3.676 min
Delta R.T.: -0.001 min
Response: 106304113
Conc: 18.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-68

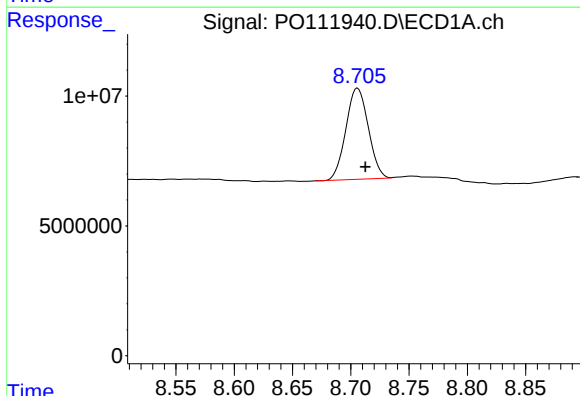
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



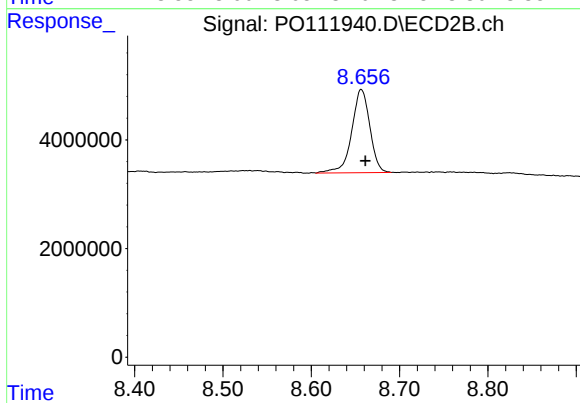
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 92480700
Conc: 16.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.007 min
Response: 46899770
Conc: 8.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 21884269
Conc: 12.31 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-67	SDG No.:	Q2458
Lab Sample ID:	Q2458-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111941.D	1	07/01/25 08:30	07/01/25 18:29	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		32 - 175	73%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:29
 Operator : YP/AJ
 Sample : Q2458-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-67

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.674	3.672	108.8E6	102.8E6	18.892m	18.293m
2) SA Decachlor...	8.708	8.657	65216305	25982957	12.424	14.616

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:29
Operator : YP/AJ
Sample : Q2458-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

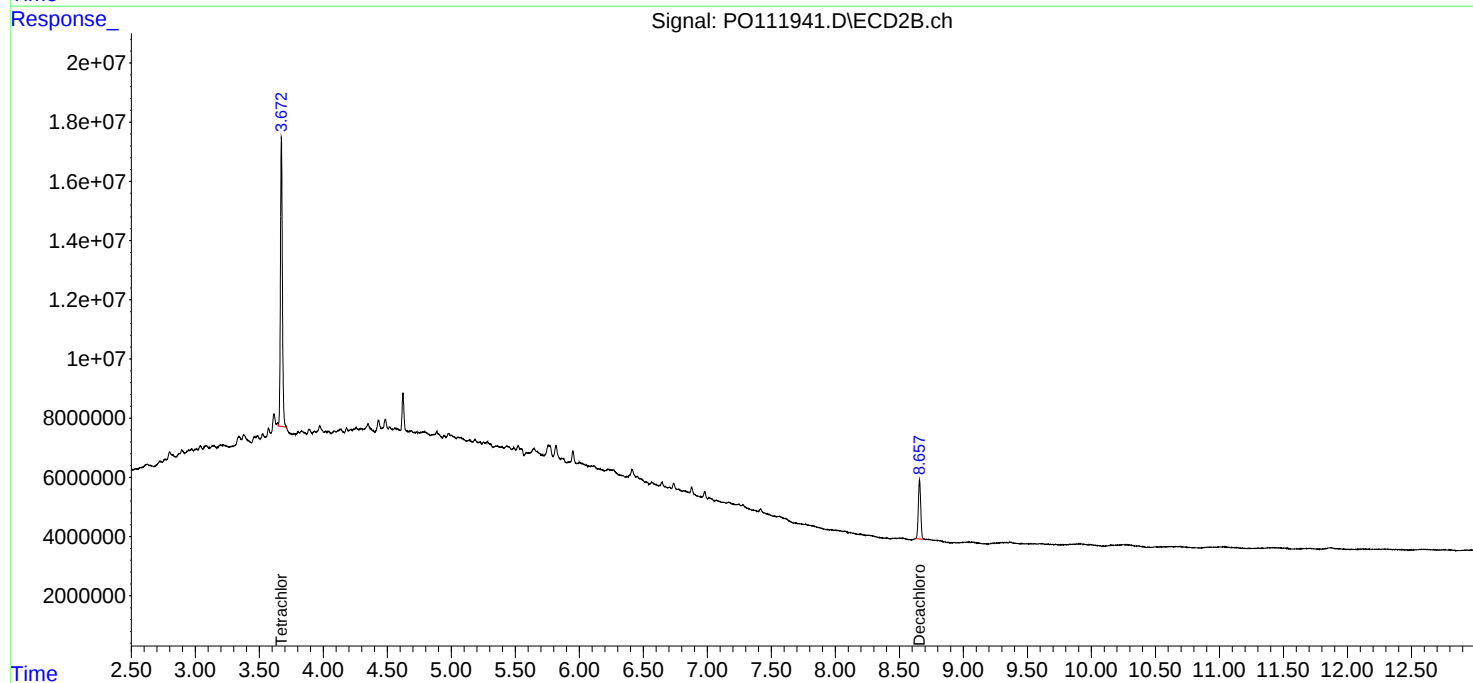
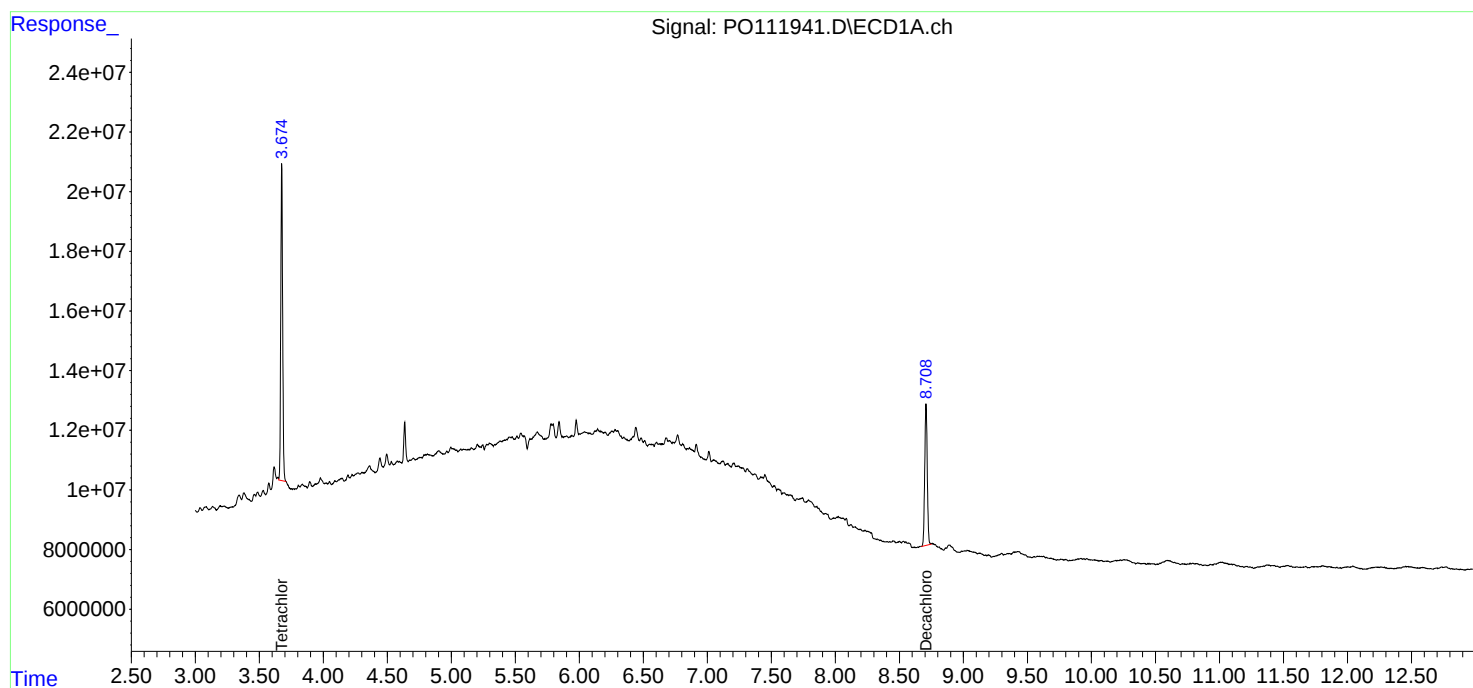
Instrument :
ECD_O
ClientSampleId :
TP-67

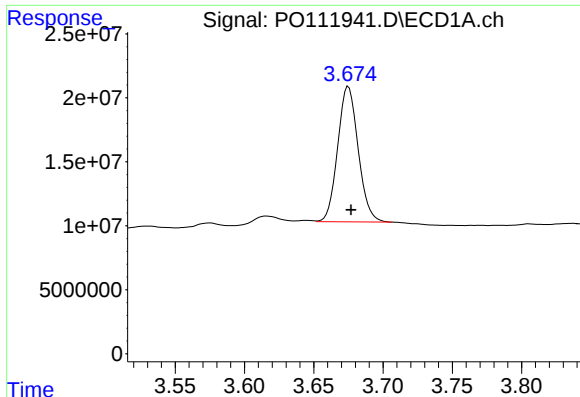
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:49:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





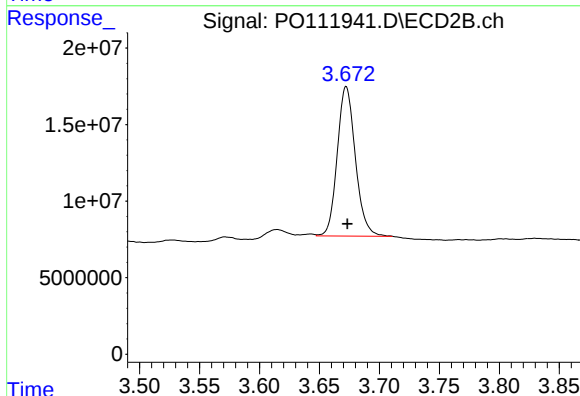
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
 Delta R.T.: -0.003 min
 Response: 108807586
 Conc: 18.89 ng/ml

Instrument :
 ECD_O
 ClientSampleId :
 TP-67

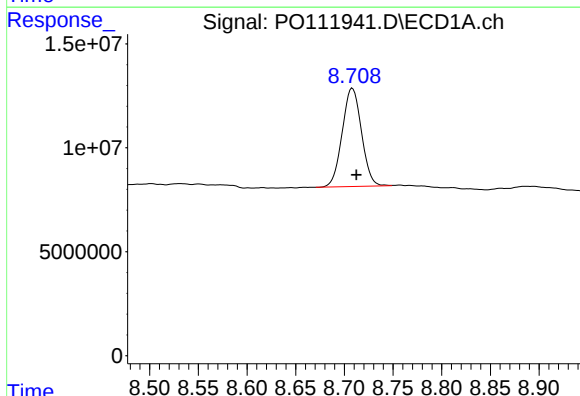
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025



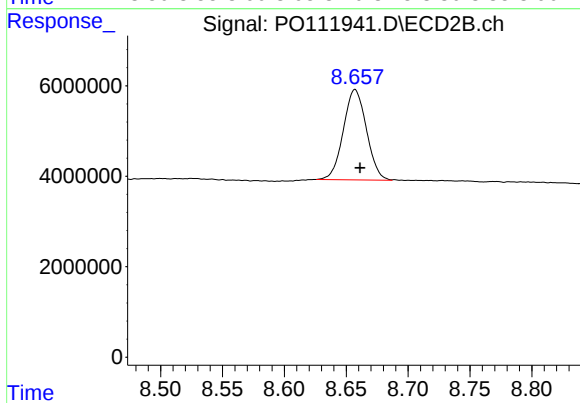
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
 Delta R.T.: -0.001 min
 Response: 102759021
 Conc: 18.29 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.708 min
 Delta R.T.: -0.004 min
 Response: 65216305
 Conc: 12.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.657 min
 Delta R.T.: -0.004 min
 Response: 25982957
 Conc: 14.62 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-66	SDG No.:	Q2458
Lab Sample ID:	Q2458-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	10000
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111942.D	1	07/01/25 08:30	07/01/25 18:47	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		32 - 175	76%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:47
 Operator : YP/AJ
 Sample : Q2458-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-66

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:49:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.674	3.671	113.1E6	104.7E6	19.638	18.638
2) SA Decachlor...	8.707	8.656	65088015	27176826	12.400	15.288m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:47
Operator : YP/AJ
Sample : Q2458-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

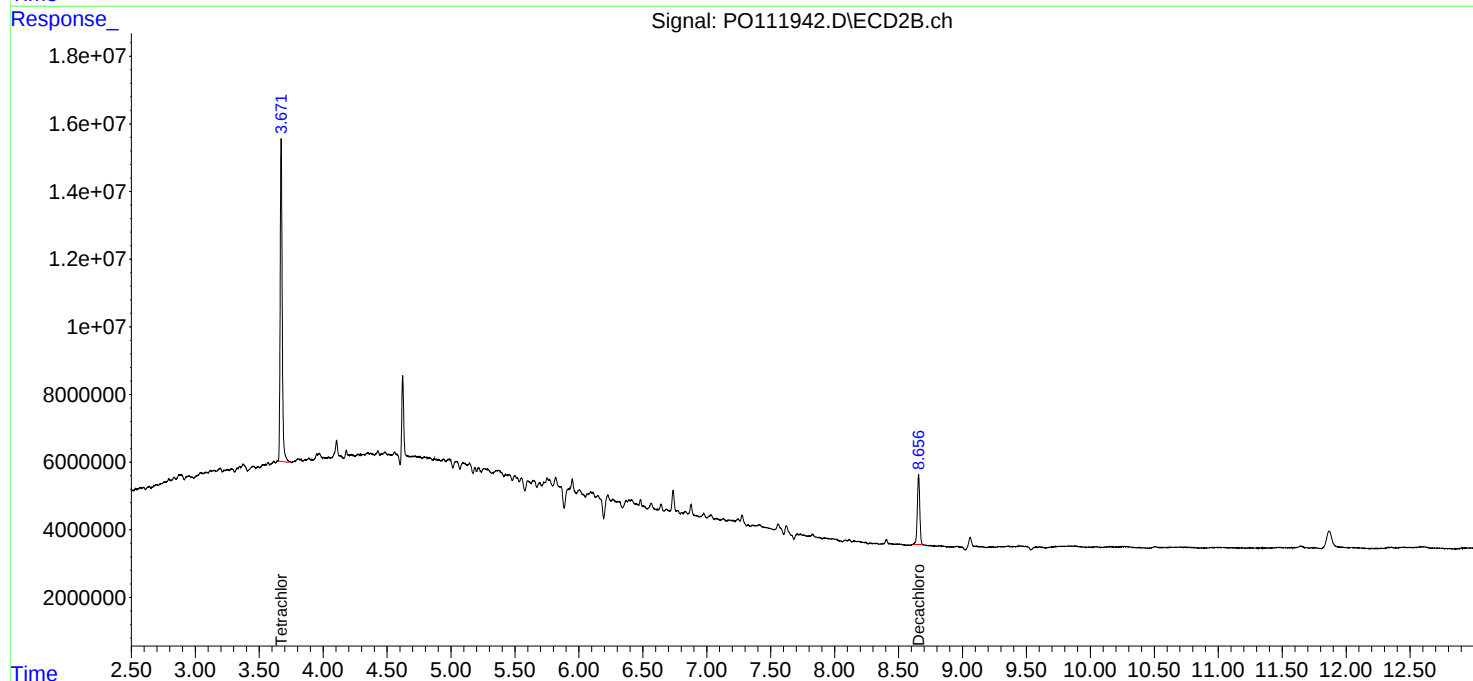
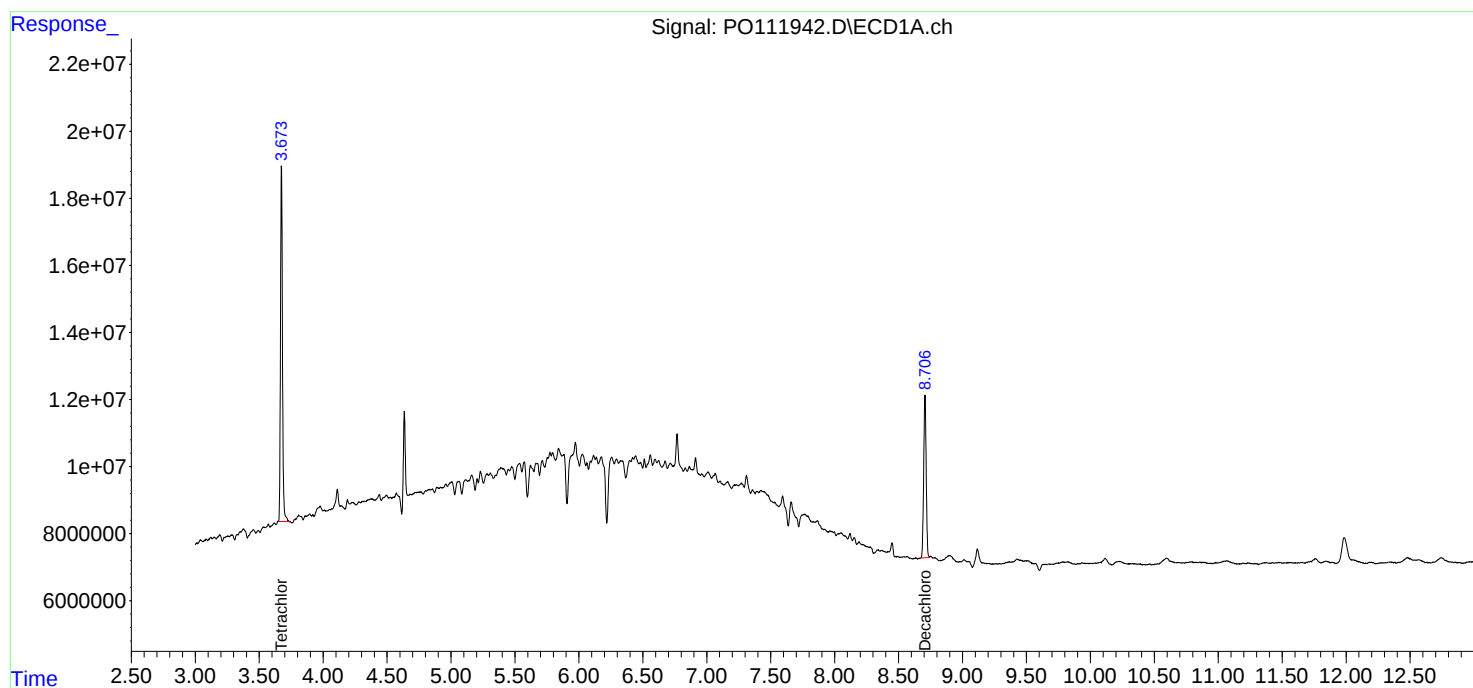
Instrument :
ECD_O
ClientSampleId :
TP-66

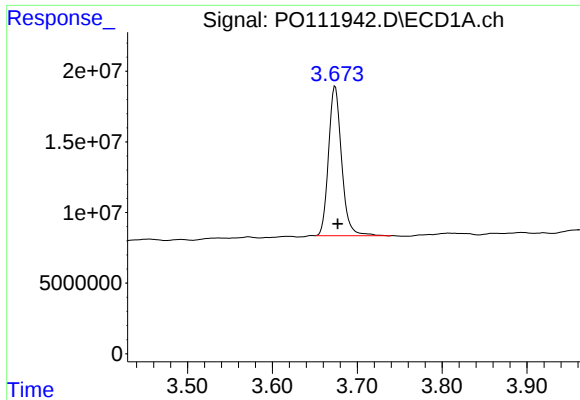
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:49:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





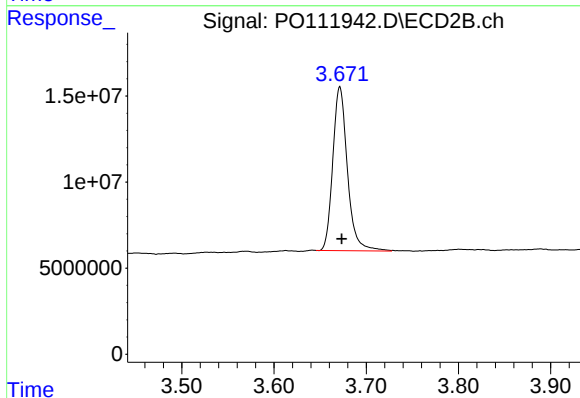
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 113104978
Conc: 19.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-66

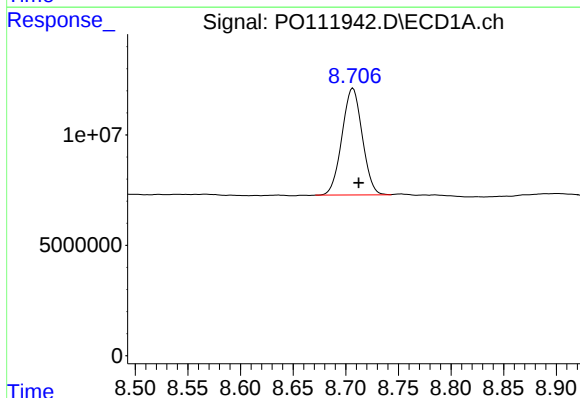
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



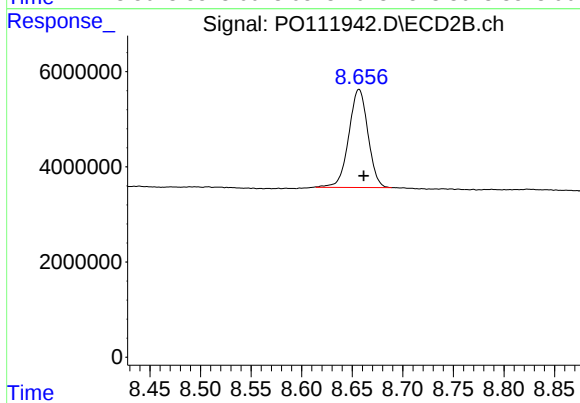
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 104692288
Conc: 18.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.006 min
Response: 65088015
Conc: 12.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 27176826
Conc: 15.29 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-60	SDG No.:	Q2458
Lab Sample ID:	Q2458-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111943.D	1	07/01/25 08:30	07/01/25 19:04	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.3	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.3	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.3	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.3	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.3	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		32 - 175	69%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:04
 Operator : YP/AJ
 Sample : Q2458-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-60

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:49:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.674	3.671	118.1E6	108.7E6	20.503	19.349
2) SA Decachlor...	8.707	8.656	55944951	24593728	10.658	13.835 #

Target Compounds

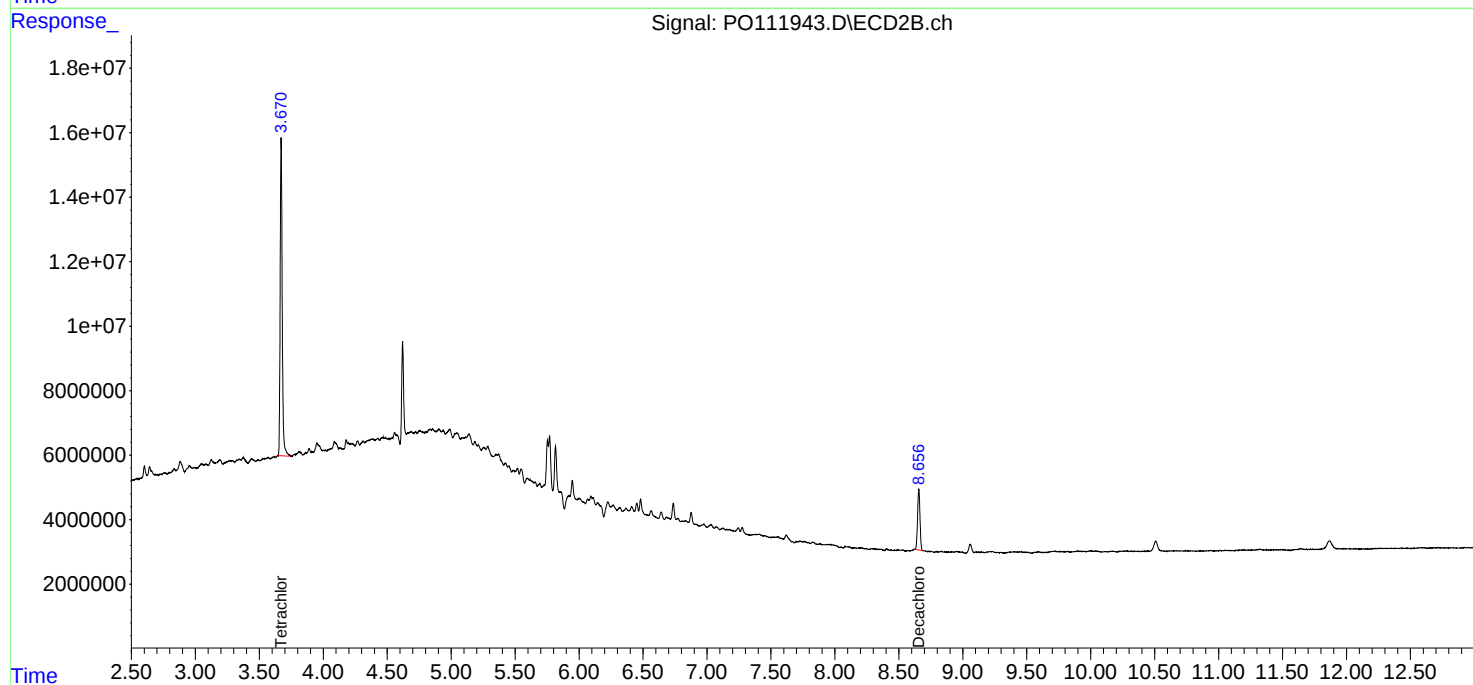
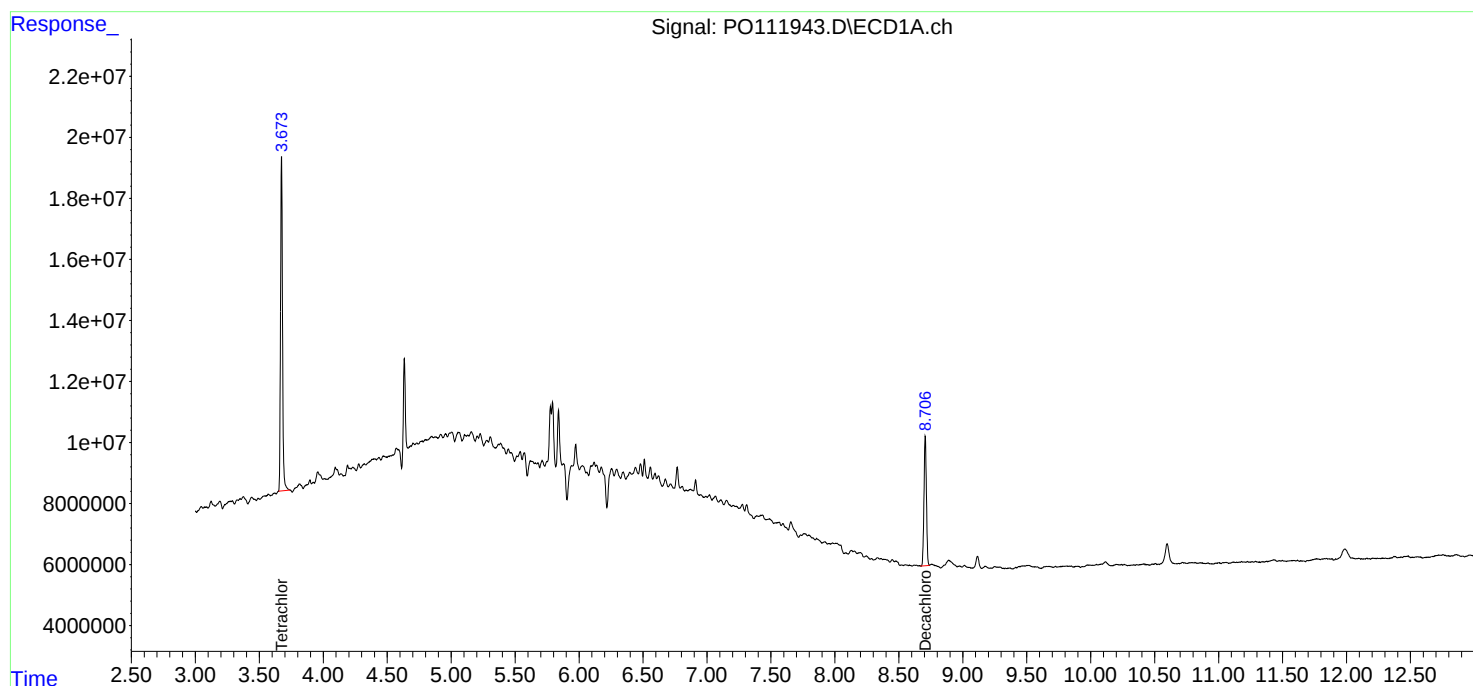
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

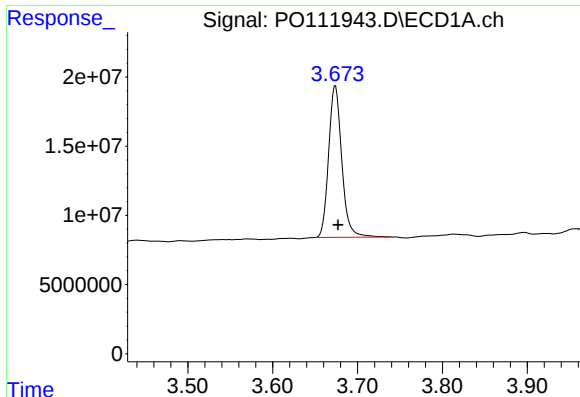
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:04
Operator : YP/AJ
Sample : Q2458-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-60

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:49:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

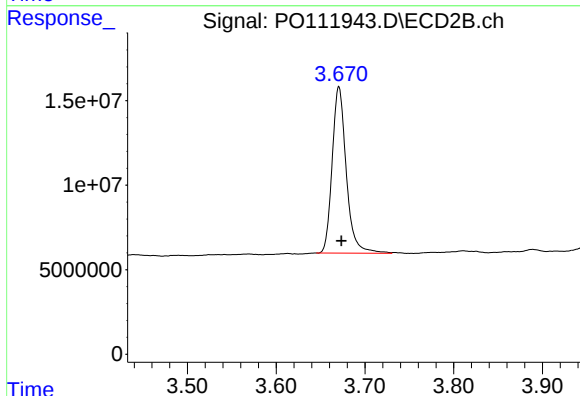




#1 Tetrachloro-m-xylene

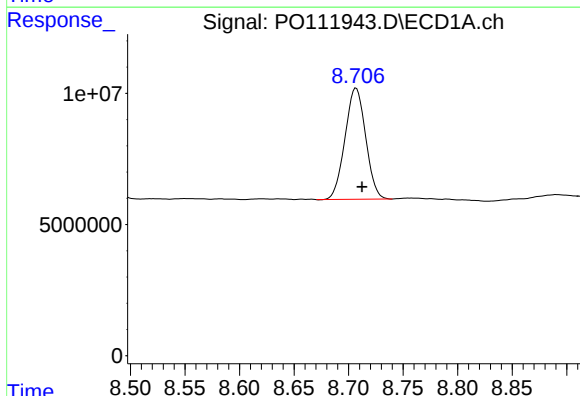
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 118082587
Conc: 20.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-60



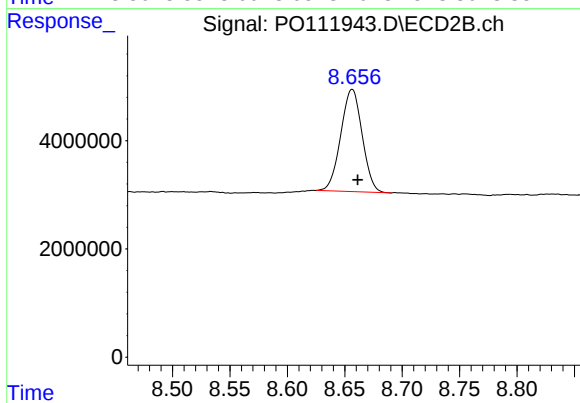
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.003 min
Response: 108686825
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 55944951
Conc: 10.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 24593728
Conc: 13.83 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-62	SDG No.:	Q2458
Lab Sample ID:	Q2458-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111950.D	1	07/01/25 08:30	07/01/25 22:31	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070125\
 Data File : PO111950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 22:31
 Operator : YP/AJ
 Sample : Q2458-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 TP-62

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:51:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	109.4E6	99148988	19.003	17.651
2) SA Decachlor...	8.707	8.657	70711390	27331414	13.471m	15.375

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:31
Operator : YP/AJ
Sample : Q2458-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

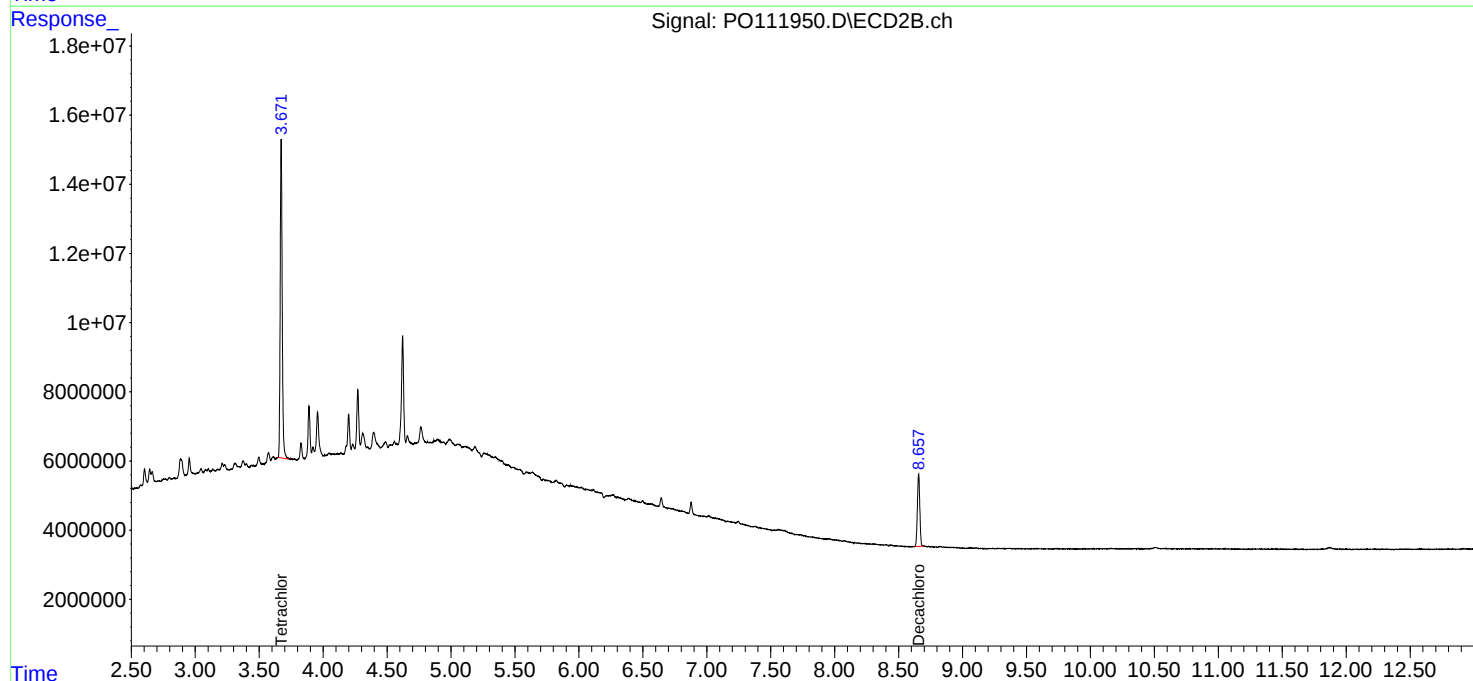
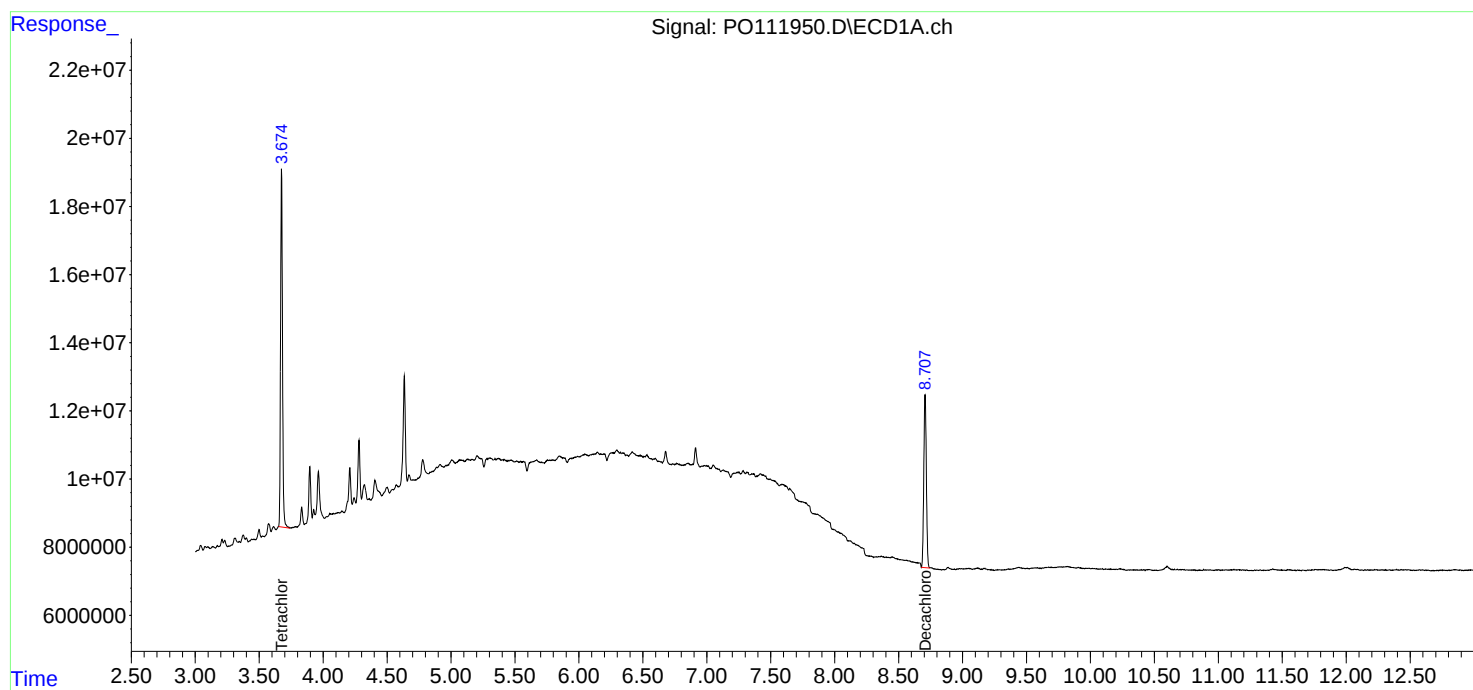
Instrument :
ECD_O
ClientSampleId :
TP-62

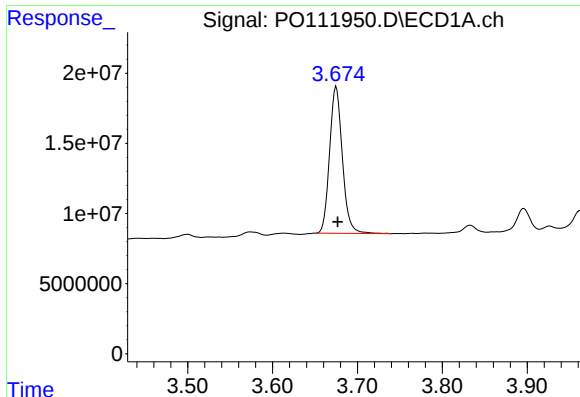
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:51:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





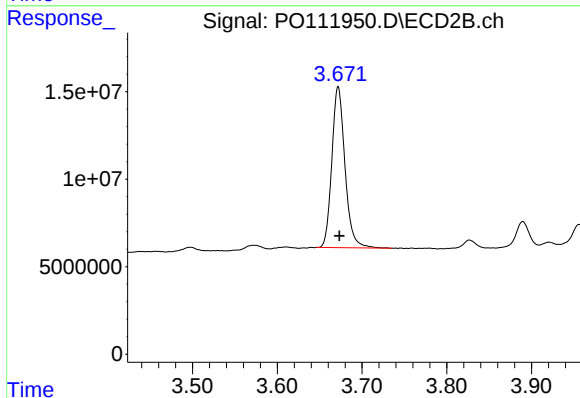
#1 Tetrachloro-m-xylene

R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 109443488
Conc: 19.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-62

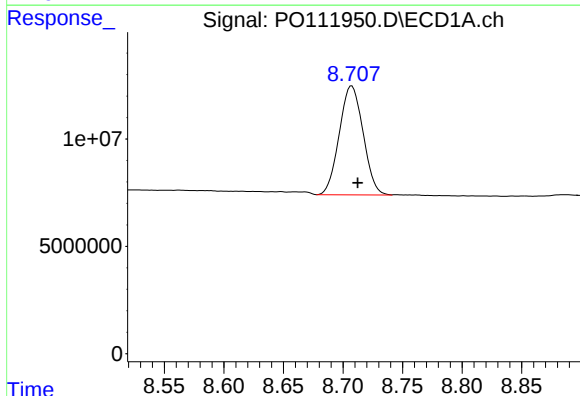
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



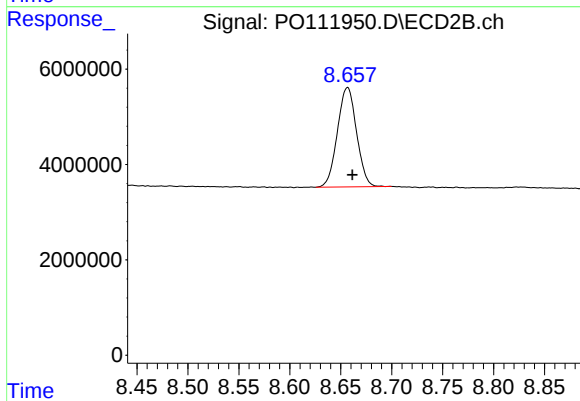
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 99148988
Conc: 17.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.006 min
Response: 70711390
Conc: 13.47 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 27331414
Conc: 15.37 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-63	SDG No.:	Q2458
Lab Sample ID:	Q2458-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111951.D	1	07/01/25 08:30	07/01/25 22:48	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	8.30	J	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		32 - 175	76%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 22:48
 Operator : YP/AJ
 Sample : Q2458-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-63

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:52:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	111.9E6	101.5E6	19.429	18.072
2) SA Decachlor...	8.707	8.657	62341652	27076798	11.876	15.232m#
Target Compounds						
26) L6 AR-1254-1	5.570	5.549	15647091	9222578	36.811m	28.552m
27) L6 AR-1254-2	5.716	5.694	6503805	4588419	17.137m	16.427m
28) L6 AR-1254-3	6.121	6.095	6356308	4400407	11.125m	10.501m
29) L6 AR-1254-4	6.350	6.323	5991120	3910484	17.172m	17.166m
30) L6 AR-1254-5	6.768	6.738	13367679	9946852	26.102	30.550

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:48
Operator : YP/AJ
Sample : Q2458-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

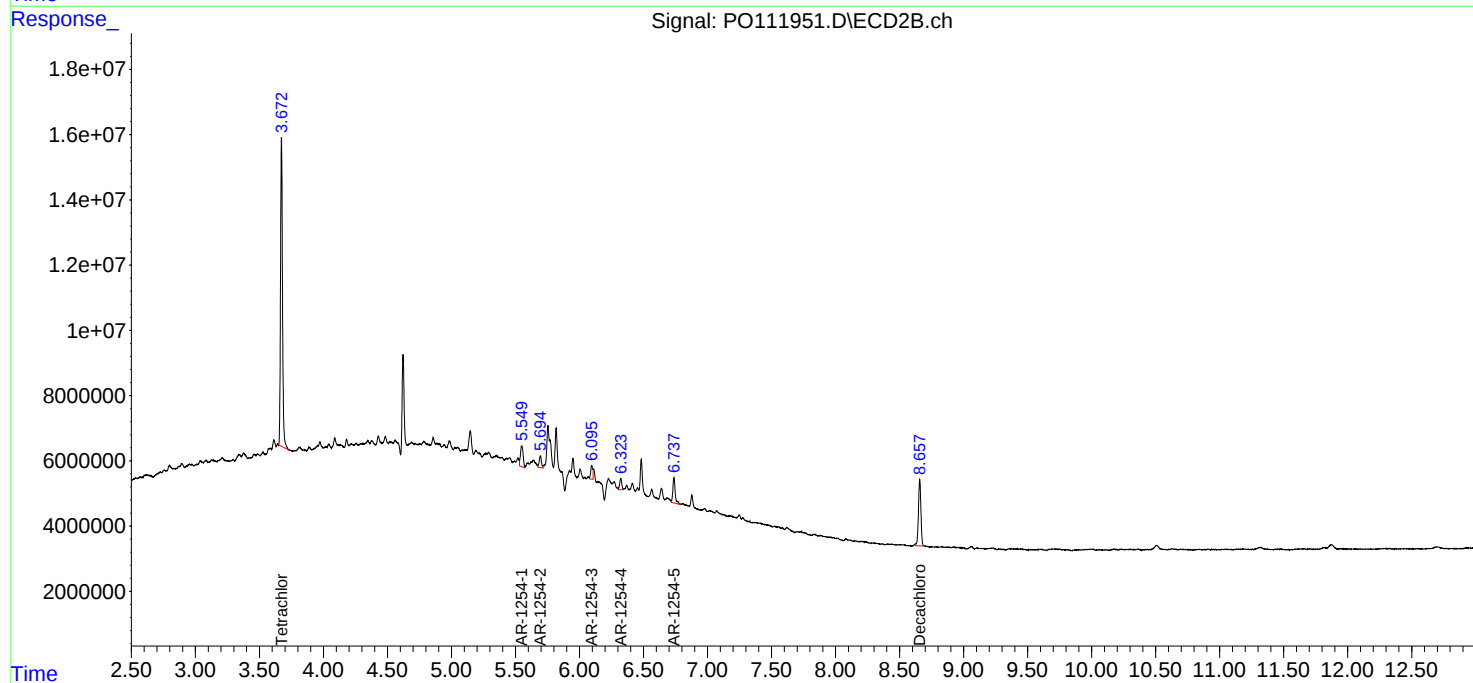
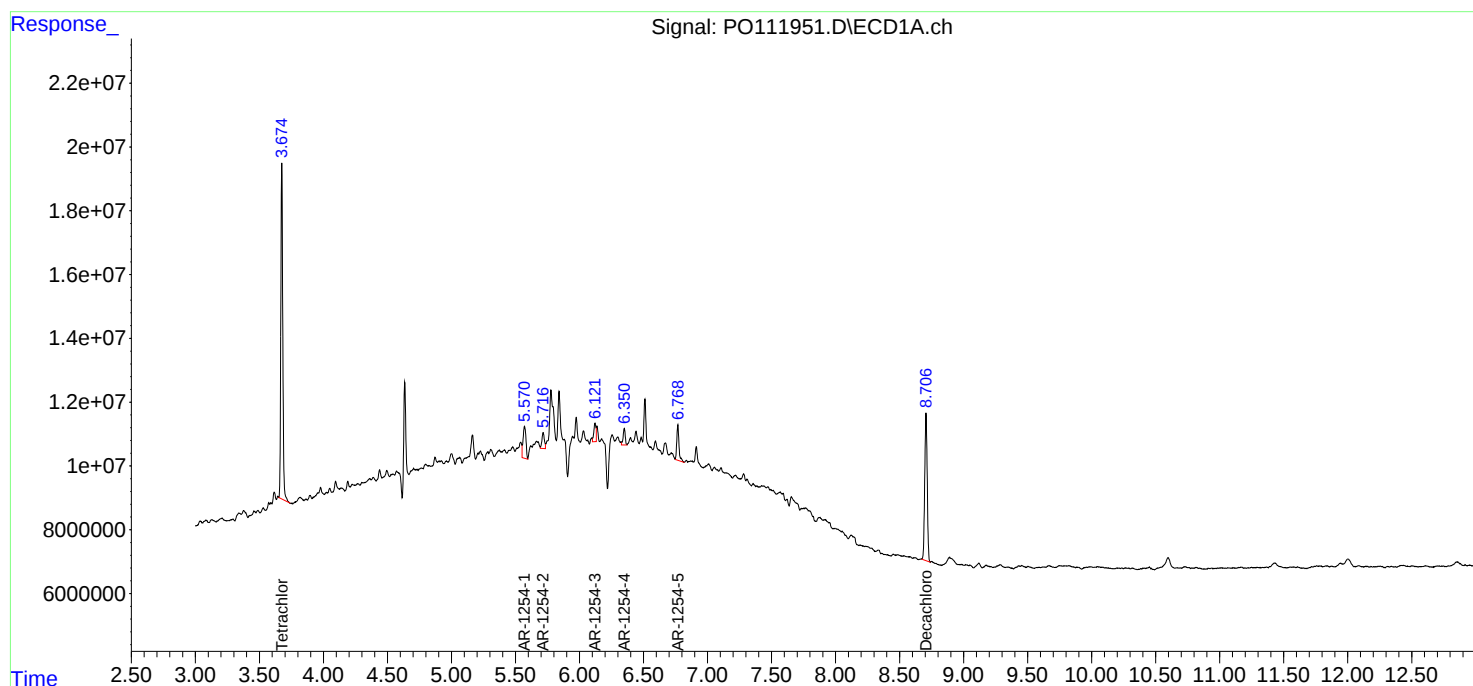
Instrument :
ECD_O
ClientSampleId :
TP-63

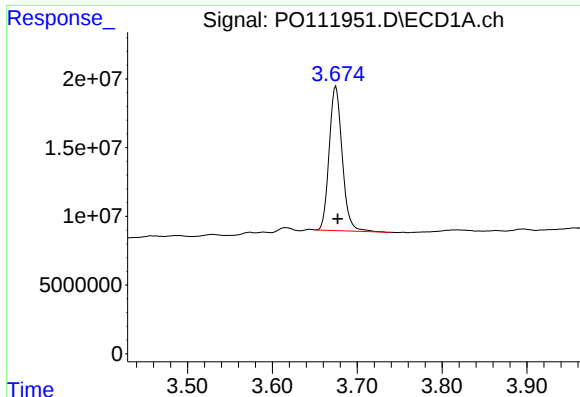
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:52:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





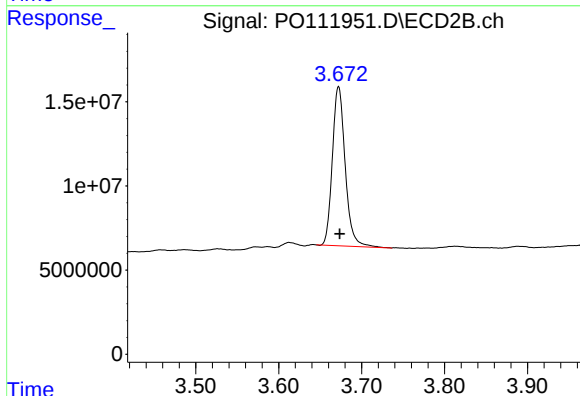
#1 Tetrachloro-m-xylene

R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 111898255
Conc: 19.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-63

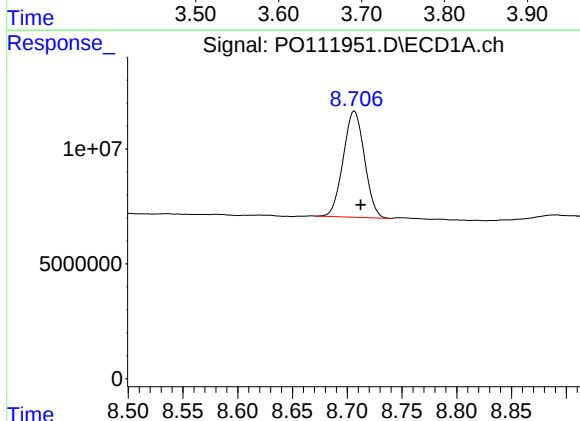
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



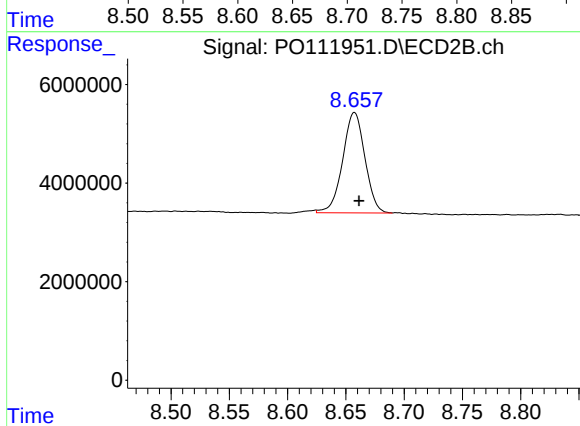
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 101516758
Conc: 18.07 ng/ml



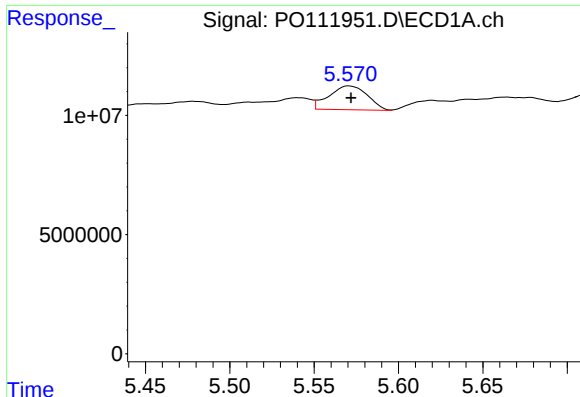
#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.006 min
Response: 62341652
Conc: 11.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 27076798
Conc: 15.23 ng/ml m



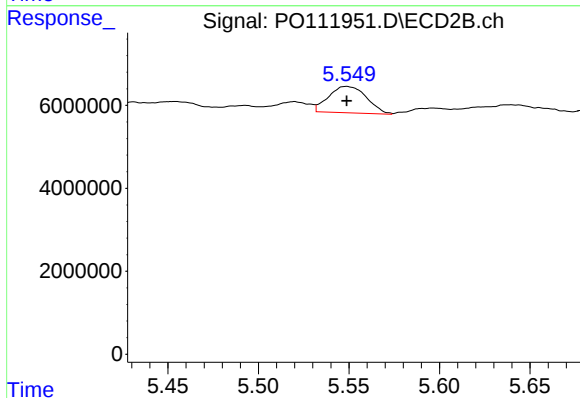
#26 AR-1254-1

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 15647091
Conc: 36.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-63

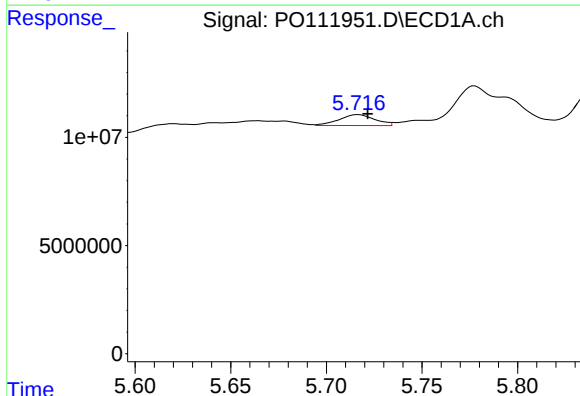
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



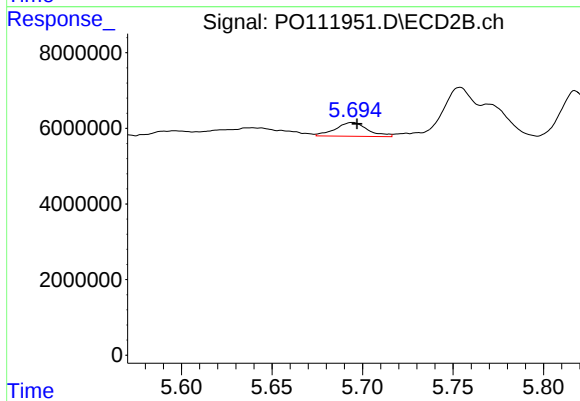
#26 AR-1254-1

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 9222578
Conc: 28.55 ng/ml m



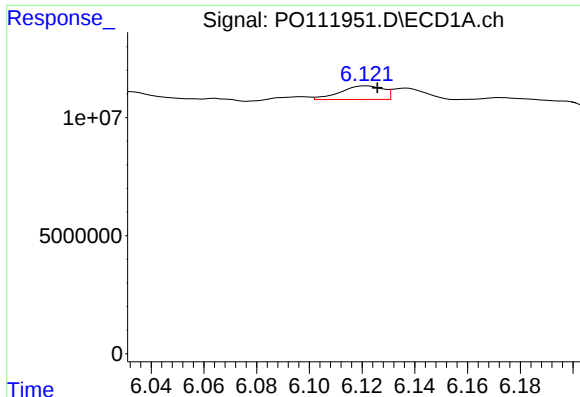
#27 AR-1254-2

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 6503805
Conc: 17.14 ng/ml m



#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 4588419
Conc: 16.43 ng/ml m



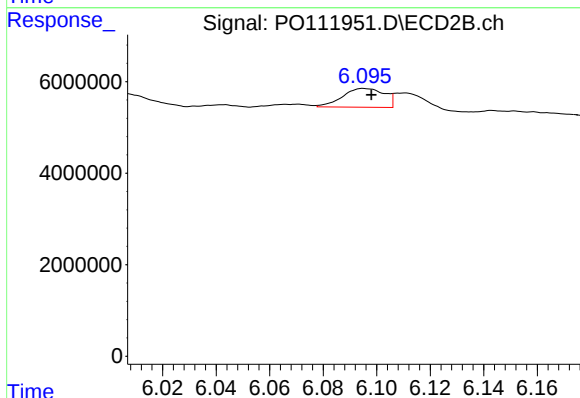
#28 AR-1254-3

R.T.: 6.121 min
Delta R.T.: -0.005 min
Response: 6356308
Conc: 11.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-63

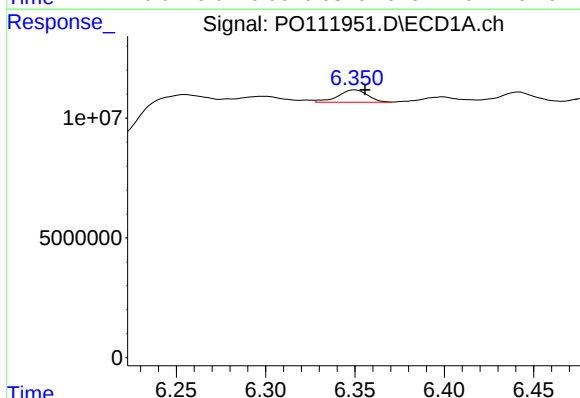
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



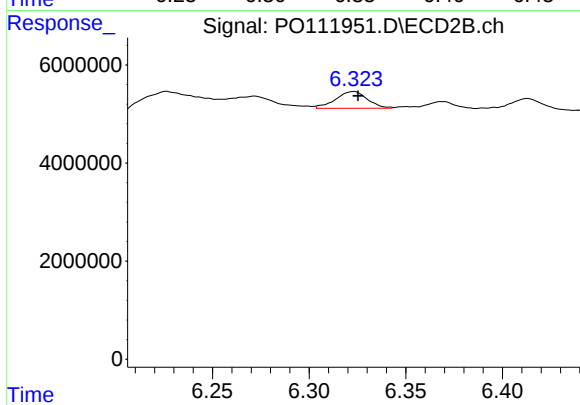
#28 AR-1254-3

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 4400407
Conc: 10.50 ng/ml m



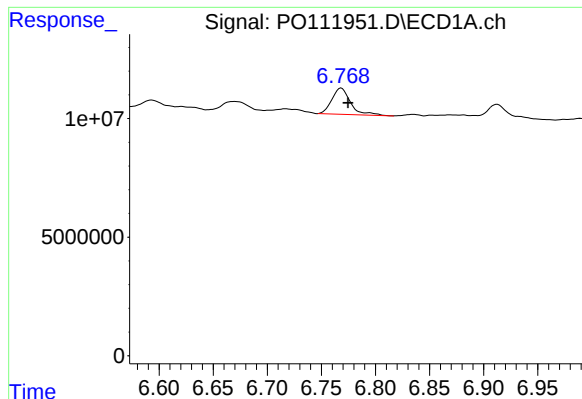
#29 AR-1254-4

R.T.: 6.350 min
Delta R.T.: -0.006 min
Response: 5991120
Conc: 17.17 ng/ml m



#29 AR-1254-4

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 3910484
Conc: 17.17 ng/ml m



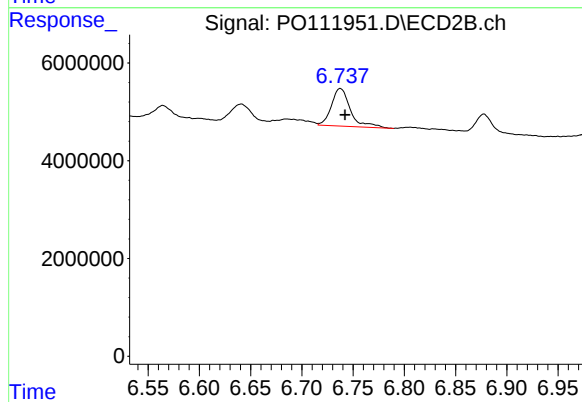
#30 AR-1254-5

R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 13367679
Conc: 26.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-63

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



#30 AR-1254-5

R.T.: 6.738 min
Delta R.T.: -0.005 min
Response: 9946852
Conc: 30.55 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-59	SDG No.:	Q2458
Lab Sample ID:	Q2458-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	76.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111976.D	1	07/01/25 08:30	07/02/25 13:37	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	22.2	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	22.2	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	22.2	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	22.2	ug/kg
12672-29-6	Aroclor-1248	7.70	U	7.70	22.2	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	22.2	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	22.2	ug/kg
11100-14-4	Aroclor-1268	4.70	U	4.70	22.2	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	22.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
Data File : PO111976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:37
Operator : YP/AJ
Sample : Q2458-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-59

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 14:00:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.674	3.671	117.3E6	107.6E6	20.363	19.164
2) SA Decachlor...	8.705	8.656	77174982	28751454	14.702	16.174

Target Compounds

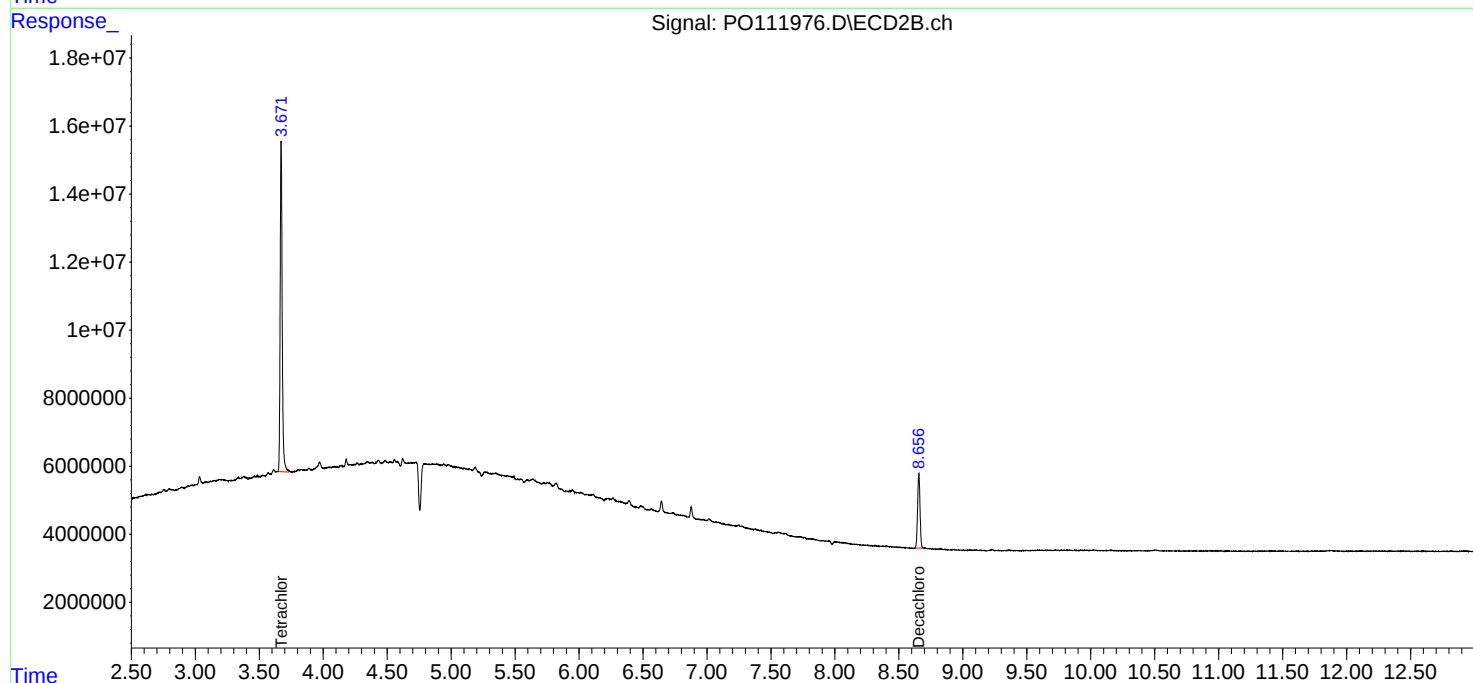
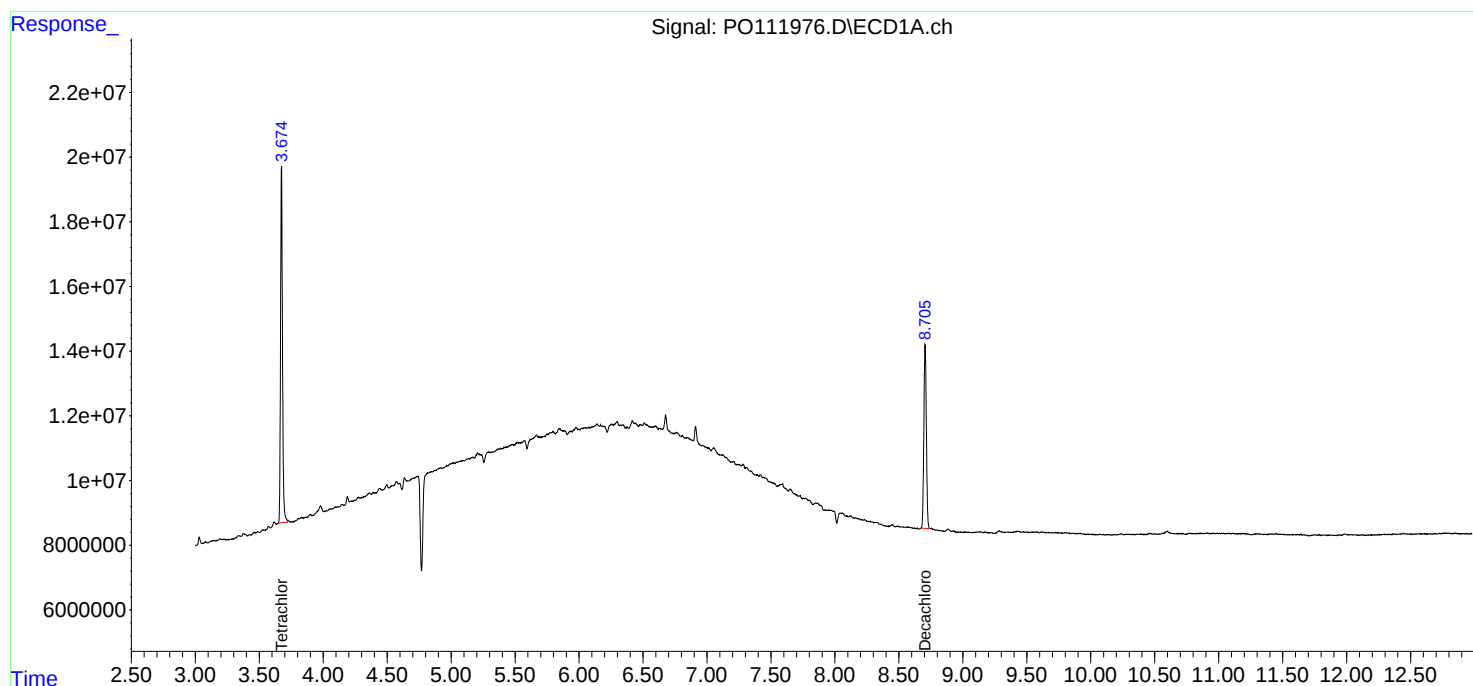
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

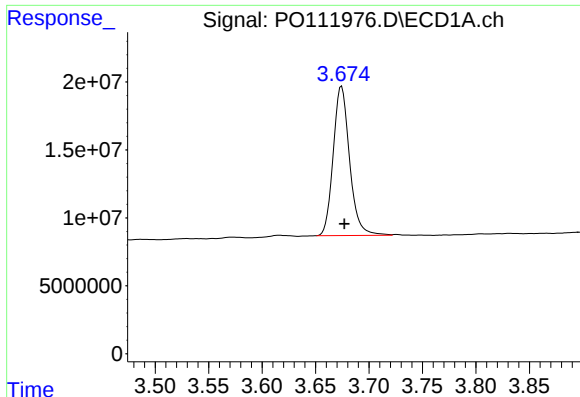
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:37
Operator : YP/AJ
Sample : Q2458-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-59

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 14:00:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

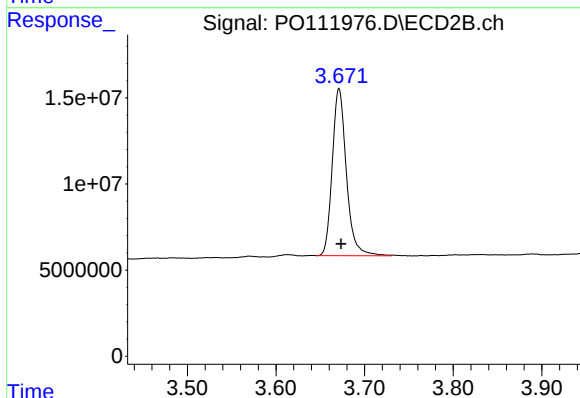




#1 Tetrachloro-m-xylene

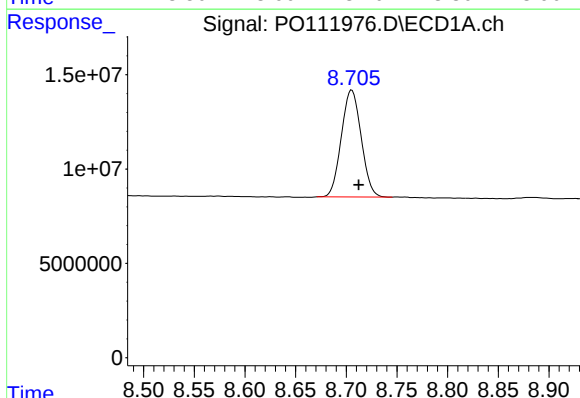
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 117280729
Conc: 20.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-59



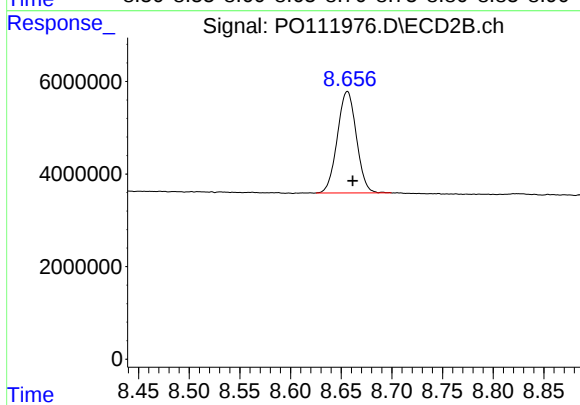
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 107647522
Conc: 19.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 77174982
Conc: 14.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 28751454
Conc: 16.17 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	FB-06272025	SDG No.:	Q2458
Lab Sample ID:	Q2458-10	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	950	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073474.D	1	07/02/25 12:10	07/02/25 21:47	PB168704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.10	U	0.10	0.53	ug/L
11104-28-2	Aroclor-1221	0.14	U	0.14	0.53	ug/L
11141-16-5	Aroclor-1232	0.10	U	0.10	0.53	ug/L
53469-21-9	Aroclor-1242	0.13	U	0.13	0.53	ug/L
12672-29-6	Aroclor-1248	0.075	U	0.075	0.53	ug/L
11097-69-1	Aroclor-1254	0.099	U	0.099	0.53	ug/L
37324-23-5	Aroclor-1262	0.15	U	0.15	0.53	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.53	ug/L
11096-82-5	Aroclor-1260	0.085	U	0.085	0.53	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		30 - 173	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		10 - 173	82%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 21:47
Operator : YP\AJ
Sample : Q2458-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
FB-06272025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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...	4.487	3.783	31923406	41684685	19.998	23.504
2) SA Decachlor...	10.178	8.788	17892181	22620266	12.591	16.348 #

Target Compounds

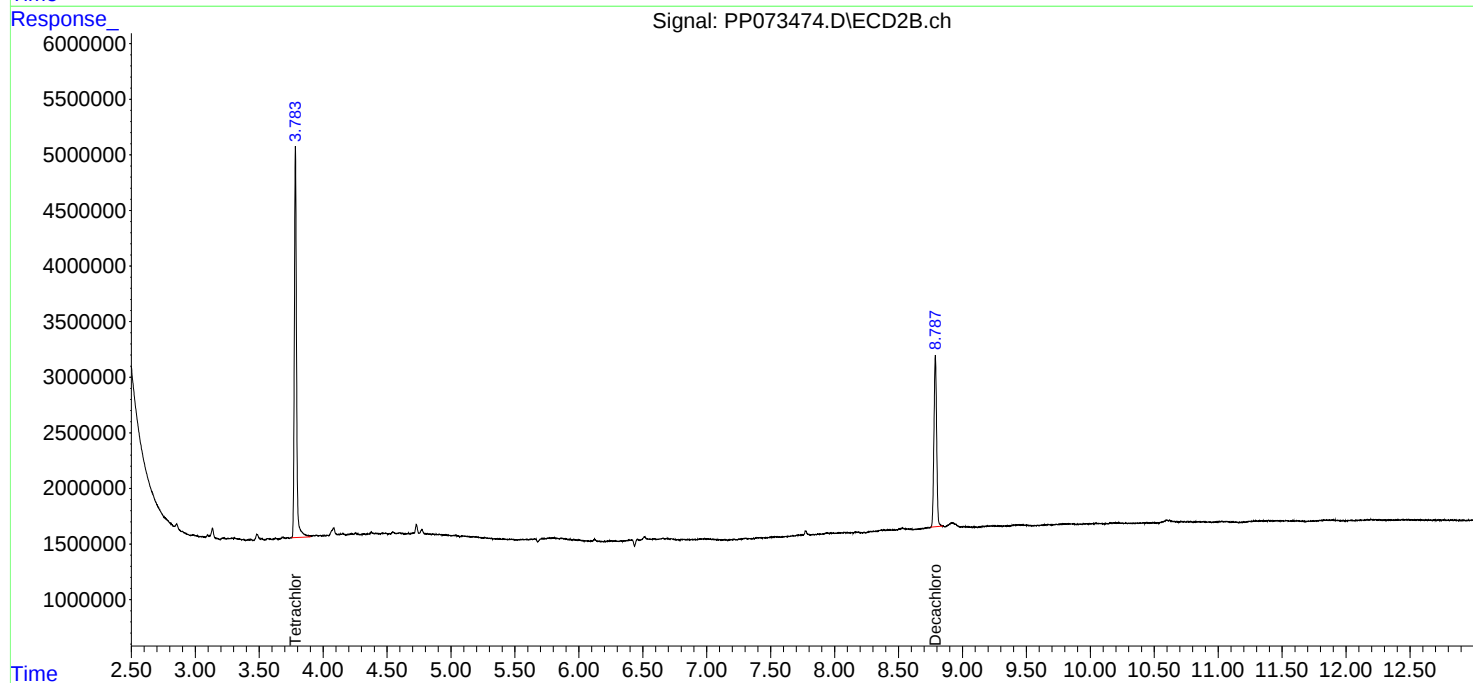
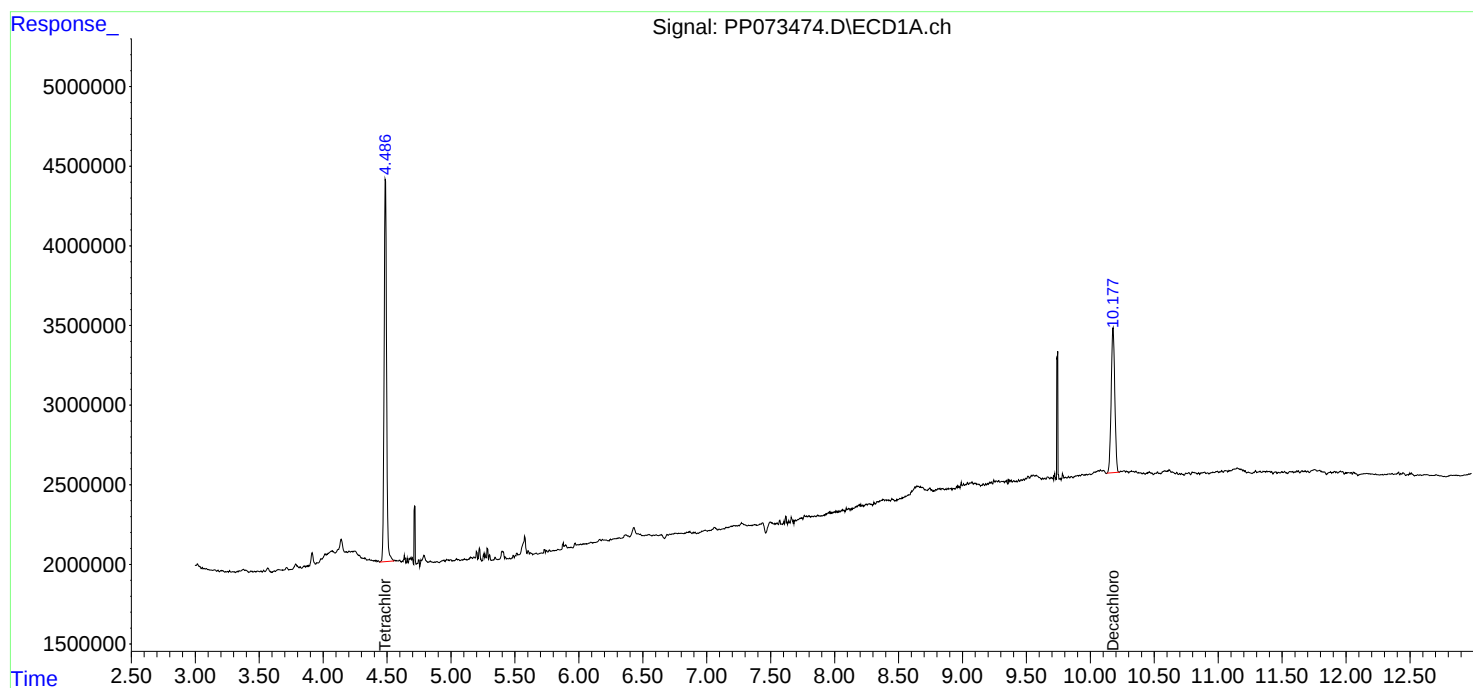
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

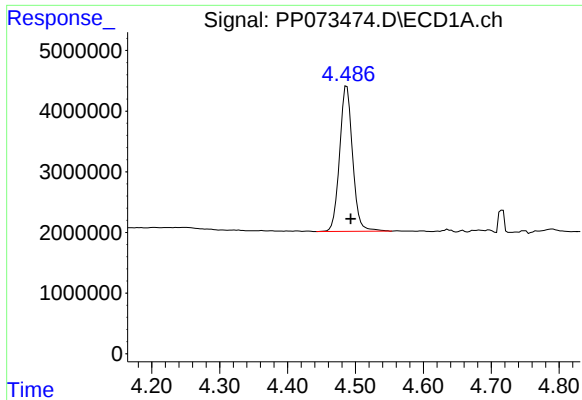
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 21:47
Operator : YP\AJ
Sample : Q2458-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
FB-06272025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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

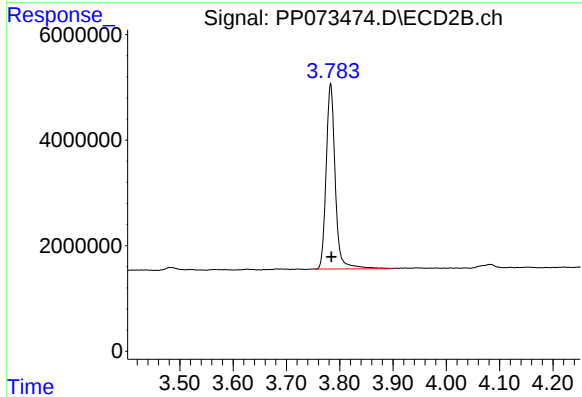




#1 Tetrachloro-m-xylene

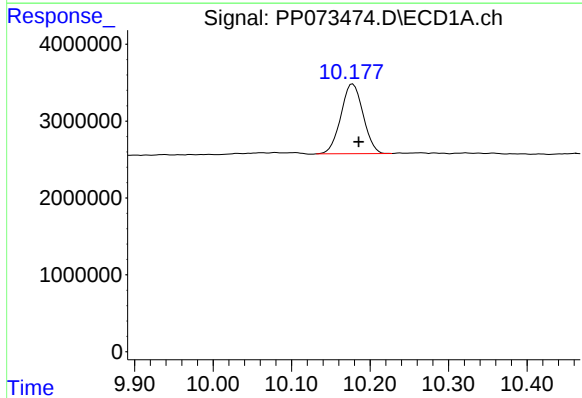
R.T.: 4.487 min
Delta R.T.: -0.006 min
Response: 31923406
Conc: 20.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
FB-06272025



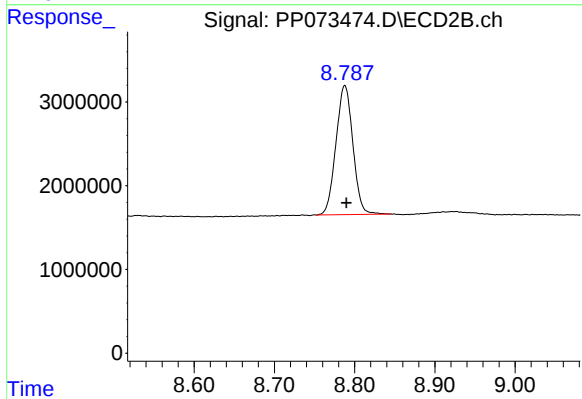
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 41684685
Conc: 23.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.008 min
Response: 17892181
Conc: 12.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.002 min
Response: 22620266
Conc: 16.35 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2458</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>06/11/2025</u> <u>06/11/2025</u>
		Calibration Times:	<u>10:40</u> <u>19:07</u>

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

LAB FILE ID:	RT 1000 = <u>PO111587.D</u>	RT 750 = <u>PO111588.D</u>
RT 500 = <u>PO111589.D</u>	RT 250 = <u>PO111590.D</u>	RT 050 = <u>PO111591.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.78	4.79	4.78	4.79	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.22	5.22	5.22	5.22	5.22	5.22	5.12	5.32
Aroclor-1260-1	(1)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1260-2	(2)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1260-3	(3)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1242-1	(1)	4.77	4.77	4.77	4.76	4.77	4.77	4.67	4.87
Aroclor-1242-2	(2)	4.79	4.79	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1242-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1248-1	(1)	4.77	4.77	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.01	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.22	5.22	5.22	5.22	5.22	5.22	5.12	5.32
Aroclor-1248-4	(4)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.13	6.13	6.13	6.12	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.35	6.36	6.36	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.78	6.78	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1268-1	(1)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-2	(2)	7.67	7.67	7.67	7.67	7.66	7.67	7.57	7.77
Aroclor-1268-3	(3)	7.87	7.87	7.87	7.87	7.87	7.87	7.77	7.97
Aroclor-1268-4	(4)	8.16	8.16	8.16	8.16	8.16	8.16	8.06	8.26
Aroclor-1268-5	(5)	8.46	8.46	8.46	8.46	8.45	8.46	8.36	8.56

[illegible]

Calibration Times: **10:40** **19:07**

LAB FILE ID:	RT 1000 =	<u>PO111587.D</u>	RT 750 =	<u>PO111588.D</u>
	RT 500 =	PO111589.D	RT 250 =	PO111590.D
			RT 050 =	PO111591.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 06/11/2025 06/11/2025
Calibration Times: 10:40 19:07

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

LAB FILE ID:		CF 1000 = <u>PO111587.D</u>		CF 750 = <u>PO111588.D</u>			
CF 500 = <u>PO111589.D</u>		CF 250 = <u>PO111590.D</u>		CF 050 = <u>PO111591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	220511854	230179169	244104994	255923844	242047420	238553456
Aroclor-1016-2	(2)	319525390	333752768	345607420	360231916	304600680	332743635
Aroclor-1016-3	(3)	218699222	228973452	241664208	255477324	205889780	230140797
Aroclor-1016-4	(4)	174886969	182974663	191580278	204290796	173581000	185462741
Aroclor-1016-5	(5)	177464979	184697736	193390828	207039800	170624200	186643509
Aroclor-1260-1	(1)	321794228	337454645	358028956	426721964	332609080	355321775
Aroclor-1260-2	(2)	433743230	452724105	474832224	506755684	494307920	472472633
Aroclor-1260-3	(3)	393522712	410790572	429624930	441759844	447671720	424673956
Aroclor-1260-4	(4)	282329615	299358140	315388464	327883556	347275780	314447111
Aroclor-1260-5	(5)	781713901	810719289	832144010	867226572	826835640	823727882
Decachlorobiphenyl		4901811500	5109294200	5313242720	5581051480	5340821400	5249244260
Tetrachloro-m-xylene		5558158730	5743696387	5927517640	6035511000	5532196200	5759415991
Aroclor-1242-1	(1)	189891715	199375873	208390472	218835528	190726000	201443918
Aroclor-1242-2	(2)	269264014	283815699	295038528	310860236	249854560	281766607
Aroclor-1242-3	(3)	185208795	198314185	205655032	216442696	188497160	198823574
Aroclor-1242-4	(4)	148912444	156458187	164284520	169958380	151372200	158197146
Aroclor-1242-5	(5)	154468521	166978497	176155118	183078792	155400820	167216350
Decachlorobiphenyl		4880711810	5081655560	5262786220	5522085600	4928788200	5135205478
Tetrachloro-m-xylene		5456812090	5681549133	5847202300	6031977960	5214216400	5646351577
Aroclor-1248-1	(1)	145884945	152954188	162370132	170480356	174637940	161265512
Aroclor-1248-2	(2)	193392956	203021513	214142790	221601180	245868320	215605352
Aroclor-1248-3	(3)	243691383	258111092	270734920	294861996	281294320	269738742
Aroclor-1248-4	(4)	355904013	376445483	398411334	426549232	441707040	399803420
Aroclor-1248-5	(5)	249802900	267040200	283633312	302535740	301041360	280810702
Decachlorobiphenyl		4929616300	5142061960	5420744260	5685225920	6003686400	5436266968
Tetrachloro-m-xylene		5626812480	5847124520	6076407960	6245856240	6492772200	6057794680
Aroclor-1254-1	(1)	375291496	390445984	409053510	418326128	532236220	425070668
Aroclor-1254-2	(2)	334554268	347730616	365467502	374564136	475325660	379528436
Aroclor-1254-3	(3)	528273778	541799637	566990470	566909168	652766900	571347991
Aroclor-1254-4	(4)	330811190	344690741	356705876	353681912	358524400	348882824
Aroclor-1254-5	(5)	481176015	491854427	511981248	504869196	570769000	512129977
Decachlorobiphenyl		5009210160	5167761240	5403649020	5380598200	6191612600	5430566244
Tetrachloro-m-xylene		5724223470	6030704747	6021777640	5926293200	6653717200	6071343251
Aroclor-1268-1	(1)	1033906302	1058286327	1096846802	1155194040	1288627080	1126572110



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	906036168	918687719	954310100	989229764	1117888140	977230378	9
Aroclor-1268-3	(3)	760320035	776861388	800241936	843634592	917077000	819626990	8
Aroclor-1268-4	(4)	324679419	326739527	344775706	356707332	367012100	343982817	5
Aroclor-1268-5	(5)	2115204224	2135729147	2187245170	2254511260	2409521900	2220442340	5
Decachlorobiphenyl		8820062120	9005455773	9339565760	9886719320	10604055600	9531171715	8
Tetrachloro-m-xylene		5944441710	6079157480	6269391520	6520960080	6795679200	6321925998	5



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 06/11/2025 06/11/2025
Calibration Times: 10:40 19:07

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

LAB FILE ID:		CF 1000 = <u>PO111587.D</u>		CF 750 = <u>PO111588.D</u>			
CF 500 = <u>PO111589.D</u>		CF 250 = <u>PO111590.D</u>		CF 050 = <u>PO111591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	180839726	189231809	196263600	204676936	212823680	196767150
Aroclor-1016-2	(2)	269525798	277038755	287808724	296313292	293716580	284880630
Aroclor-1016-3	(3)	141401189	146814288	152988496	158088464	151904200	150239327
Aroclor-1016-4	(4)	112384684	117918833	124672358	128074364	125886140	121787276
Aroclor-1016-5	(5)	145637432	151733320	158595618	164650128	175375940	159198488
Aroclor-1260-1	(1)	232933493	242290633	253160914	265400132	260795120	250916058
Aroclor-1260-2	(2)	272930024	283658681	293882326	306210008	313403160	294016840
Aroclor-1260-3	(3)	248293091	256892847	265761412	279567532	285382000	267179376
Aroclor-1260-4	(4)	171150736	180595663	190038668	201212768	207483680	190096303
Aroclor-1260-5	(5)	395557404	413148045	424269490	442012232	450112560	425019946
Decachlorobiphenyl		1664373530	1742647173	1808169220	1884747160	1788371000	1777661617
Tetrachloro-m-xylene		5585912110	5701804613	5792994800	5795065440	5210609600	5617277313
Aroclor-1242-1	(1)	152168573	159777101	166064310	176069720	159718720	162759685
Aroclor-1242-2	(2)	225834322	234974032	243469856	251904876	224121580	236060933
Aroclor-1242-3	(3)	119492390	123624105	129191264	135018820	120620420	125589400
Aroclor-1242-4	(4)	114585972	119959547	125650318	133140376	119457260	122558695
Aroclor-1242-5	(5)	141763911	149312545	155170630	161394704	141804460	149889250
Decachlorobiphenyl		1628957800	1697321880	1768741900	1847187720	1627451400	1713932140
Tetrachloro-m-xylene		5447566380	5592119960	5668881340	5704776560	4755587600	5433786368
Aroclor-1248-1	(1)	118834435	122872489	131279096	140544936	152890960	133284383
Aroclor-1248-2	(2)	160429628	168292228	179033076	186589356	196432880	178155434
Aroclor-1248-3	(3)	169865875	177833136	187951664	198291792	213246720	189437837
Aroclor-1248-4	(4)	200486745	209433661	222430720	237578848	271687720	228323539
Aroclor-1248-5	(5)	195830172	205941008	216128424	227994268	242930420	217764858
Decachlorobiphenyl		1644850390	1717850333	1805319940	1883765920	1992763800	1808910077
Tetrachloro-m-xylene		5458685310	5581768067	5723793620	5741246280	5688025000	5638703655
Aroclor-1254-1	(1)	296936934	303927659	319123596	320561628	374491800	323008323
Aroclor-1254-2	(2)	255453905	262352463	275811104	277251804	325698480	279313551
Aroclor-1254-3	(3)	392851690	400205872	416928596	411547332	473734340	419053566
Aroclor-1254-4	(4)	214635691	222689013	230857806	231773900	239050800	227801442
Aroclor-1254-5	(5)	301414788	308036695	323788090	319823096	374889540	325590442
Decachlorobiphenyl		1681329490	1723219680	1812787460	1794853560	2027152800	1807868598
Tetrachloro-m-xylene		5554099840	5630982267	5714907100	5492046840	5804310800	5639269369
Aroclor-1268-1	(1)	439189744	444186417	457911336	484649164	566087560	478404844



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	385991375	390586096	399904992	422505028	483522600	416502018	10
Aroclor-1268-3	(3)	289581994	294897103	304525684	324673600	371079040	316951484	10
Aroclor-1268-4	(4)	108353442	109112276	112870114	119224140	128726300	115657254	7
Aroclor-1268-5	(5)	686403257	694858911	706410288	735443232	800112960	724645730	6
Decachlorobiphenyl		2944164530	2997882747	3096344980	3278501400	3473378600	3158054451	7
Tetrachloro-m-xylene		5557311950	5631320067	5696482640	5807035360	5718379000	5682105803	2



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
Instrument ID: ECD_O **Date(s) Analyzed:** 06/11/2025 06/11/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.89	3.79	3.99	87078800
		2	3.98	3.88	4.08	64167800
		3	4.05	3.95	4.15	195036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	151749000
		2	4.54	4.44	4.64	86221200
		3	4.79	4.69	4.89	162881000
		4	4.96	4.86	5.06	87019200
		5	5.00	4.90	5.10	56580600
Aroclor-1262	500	1	6.82	6.72	6.92	609876000
		2	7.32	7.22	7.42	941402000
		3	7.60	7.50	7.70	396622000
		4	7.66	7.56	7.76	657002000
		5	8.16	8.06	8.26	304668000



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
Instrument ID: ECD_O **Date(s) Analyzed:** 06/11/2025 06/11/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.88	3.78	3.98	74673800
		2	3.97	3.87	4.07	55948800
		3	4.04	3.94	4.14	171830000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	132990000
		2	4.77	4.67	4.87	131791000
		3	4.94	4.84	5.04	69118200
		4	5.03	4.93	5.13	60484000
		5	5.20	5.10	5.30	66414600
Aroclor-1262	500	1	6.78	6.68	6.88	337664000
		2	7.28	7.18	7.38	465774000
		3	7.56	7.46	7.66	166285000
		4	7.63	7.53	7.73	277070000
		5	8.12	8.02	8.22	101619000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 10:40
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:47:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 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...	3.678	3.674	555.8E6	558.6E6	96.784	98.180
2) SA Decachlor...	8.713	8.661	490.2E6	166.4E6	95.972	95.859
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	220.5E6	180.8E6	949.220	959.099
4) L1 AR-1016-2	4.784	4.769	319.5E6	269.5E6	960.787	967.196
5) L1 AR-1016-3	4.842	4.944	218.7E6	141.4E6	950.116	960.640
6) L1 AR-1016-4	4.961	4.987	174.9E6	112.4E6	954.448	948.166
7) L1 AR-1016-5	5.219	5.199	177.5E6	145.6E6	957.056	957.407
31) L7 AR-1260-1	6.257	6.229	321.8E6	232.9E6	946.700	958.388
32) L7 AR-1260-2	6.447	6.417	433.7E6	272.9E6	954.776	963.035
33) L7 AR-1260-3	6.814	6.569	393.5E6	248.3E6	956.141	966.019
34) L7 AR-1260-4	7.074	7.040	282.3E6	171.2E6	944.692	947.706
35) L7 AR-1260-5	7.317	7.281	781.7E6	395.6E6	968.752	964.978

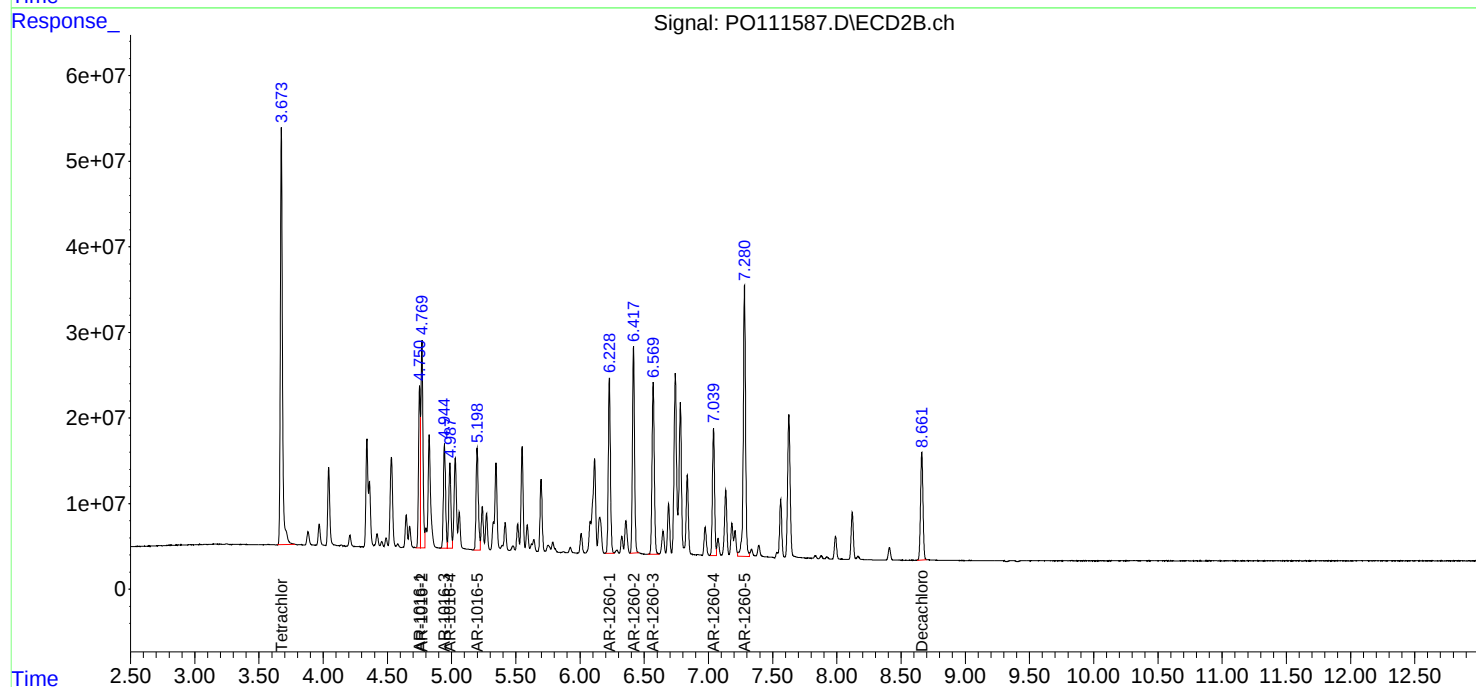
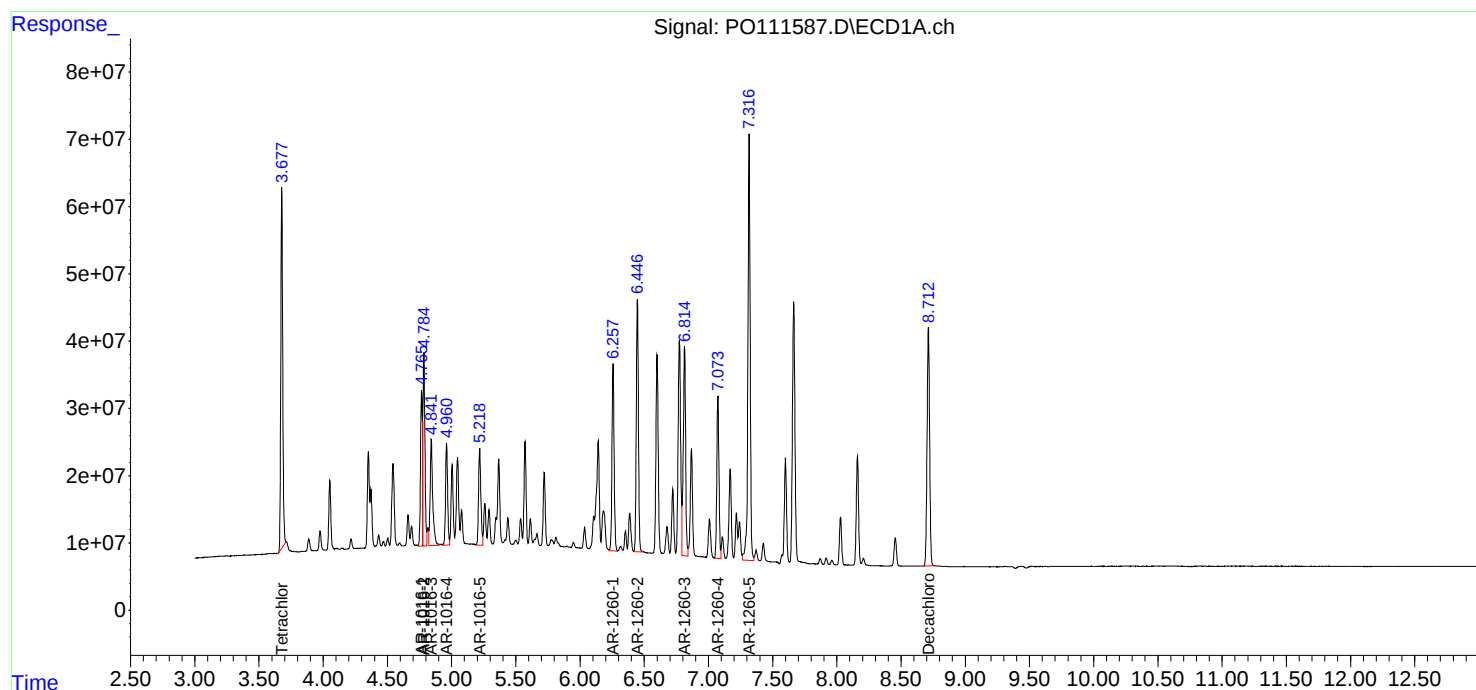
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:40
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 10:58
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:49:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 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...	3.677	3.674	430.8E6	427.6E6	75.007	75.108
2) SA Decachlor...	8.713	8.661	383.2E6	130.7E6	75.017	75.183
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	172.6E6	141.9E6	745.403	751.801
4) L1 AR-1016-2	4.785	4.769	250.3E6	207.8E6	751.782	747.072
5) L1 AR-1016-3	4.842	4.944	171.7E6	110.1E6	747.371	748.706
6) L1 AR-1016-4	4.962	4.987	137.2E6	88439125	749.293	747.424
7) L1 AR-1016-5	5.219	5.199	138.5E6	113.8E6	748.029	748.739
31) L7 AR-1260-1	6.257	6.228	253.1E6	181.7E6	746.377	748.442
32) L7 AR-1260-2	6.447	6.417	339.5E6	212.7E6	748.277	750.445
33) L7 AR-1260-3	6.813	6.569	308.1E6	192.7E6	749.048	749.738
34) L7 AR-1260-4	7.073	7.039	224.5E6	135.4E6	750.835	750.003
35) L7 AR-1260-5	7.316	7.280	608.0E6	309.9E6	752.345	753.935

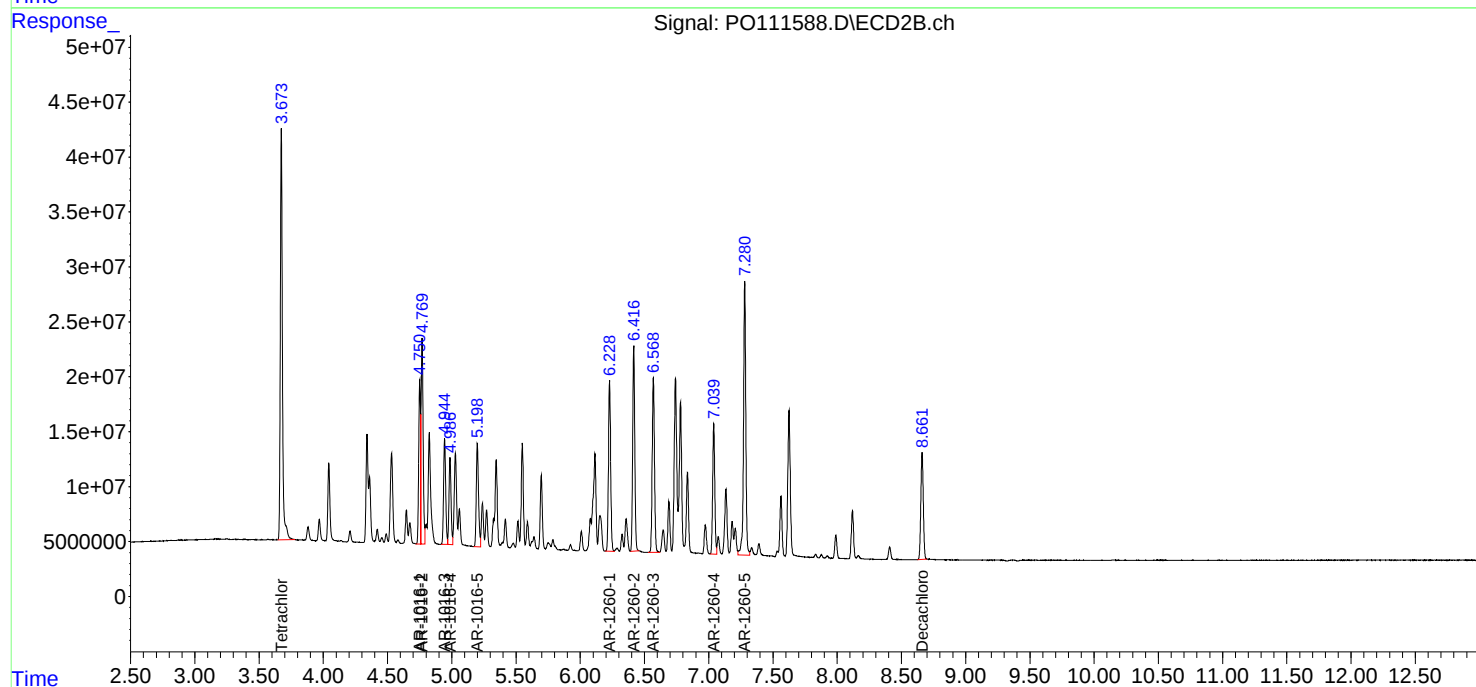
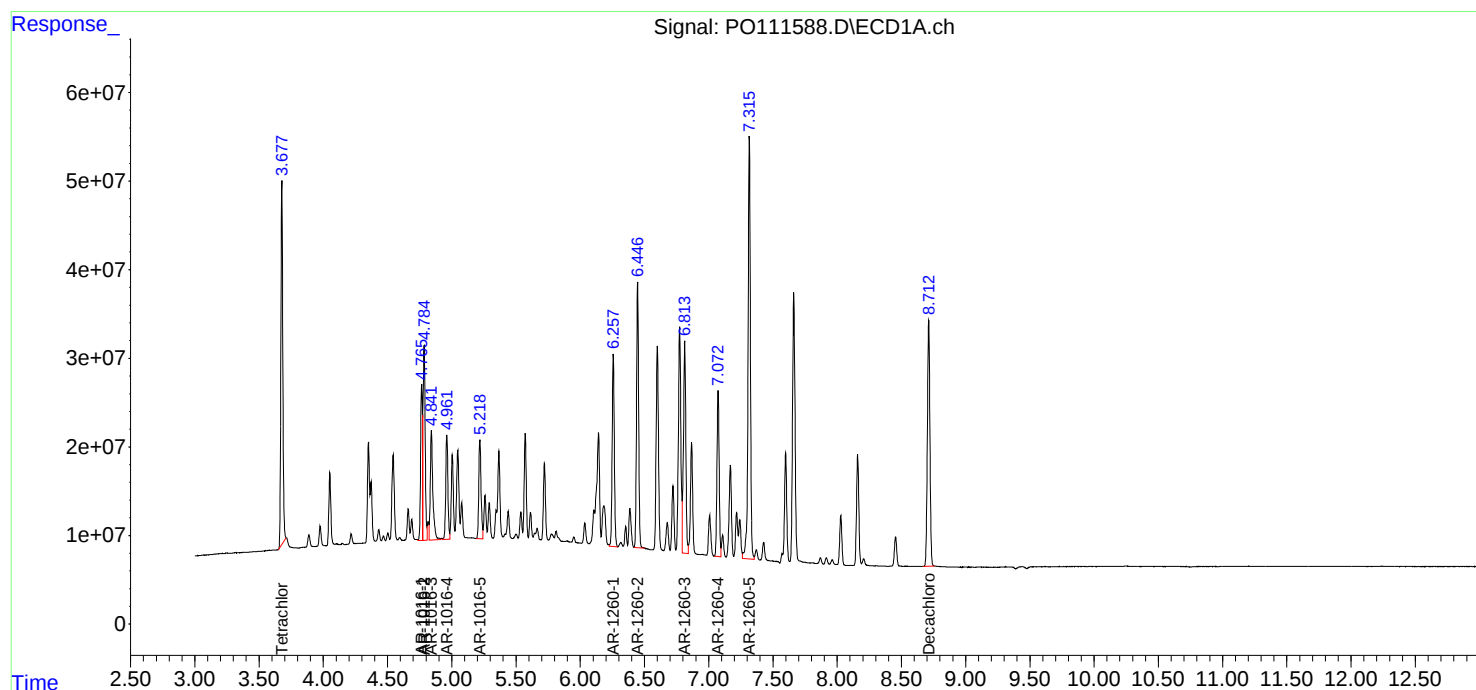
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\P0061125\
 Data File : P0111589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 11:17
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:44:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 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...	3.677	3.673	296.4E6	289.6E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	265.7E6	90408461	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	122.1E6	98131800	500.000	500.000
4) L1 AR-1016-2	4.784	4.769	172.8E6	143.9E6	500.000	500.000
5) L1 AR-1016-3	4.841	4.944	120.8E6	76494248	500.000	500.000
6) L1 AR-1016-4	4.961	4.987	95790139	62336179	500.000	500.000
7) L1 AR-1016-5	5.218	5.199	96695414	79297809	500.000	500.000
31) L7 AR-1260-1	6.257	6.229	179.0E6	126.6E6	500.000	500.000
32) L7 AR-1260-2	6.446	6.416	237.4E6	146.9E6	500.000	500.000
33) L7 AR-1260-3	6.813	6.569	214.8E6	132.9E6	500.000	500.000
34) L7 AR-1260-4	7.072	7.039	157.7E6	95019334	500.000	500.000
35) L7 AR-1260-5	7.316	7.281	416.1E6	212.1E6	500.000	500.000

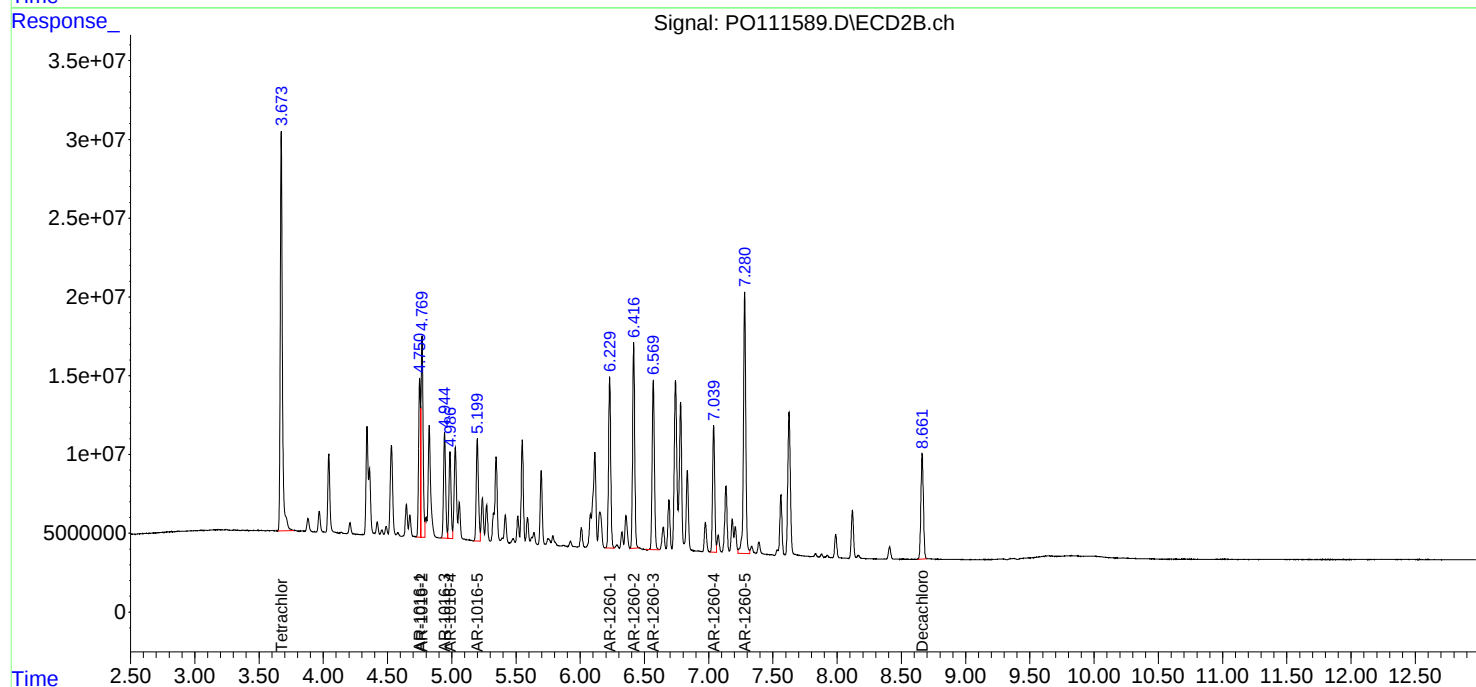
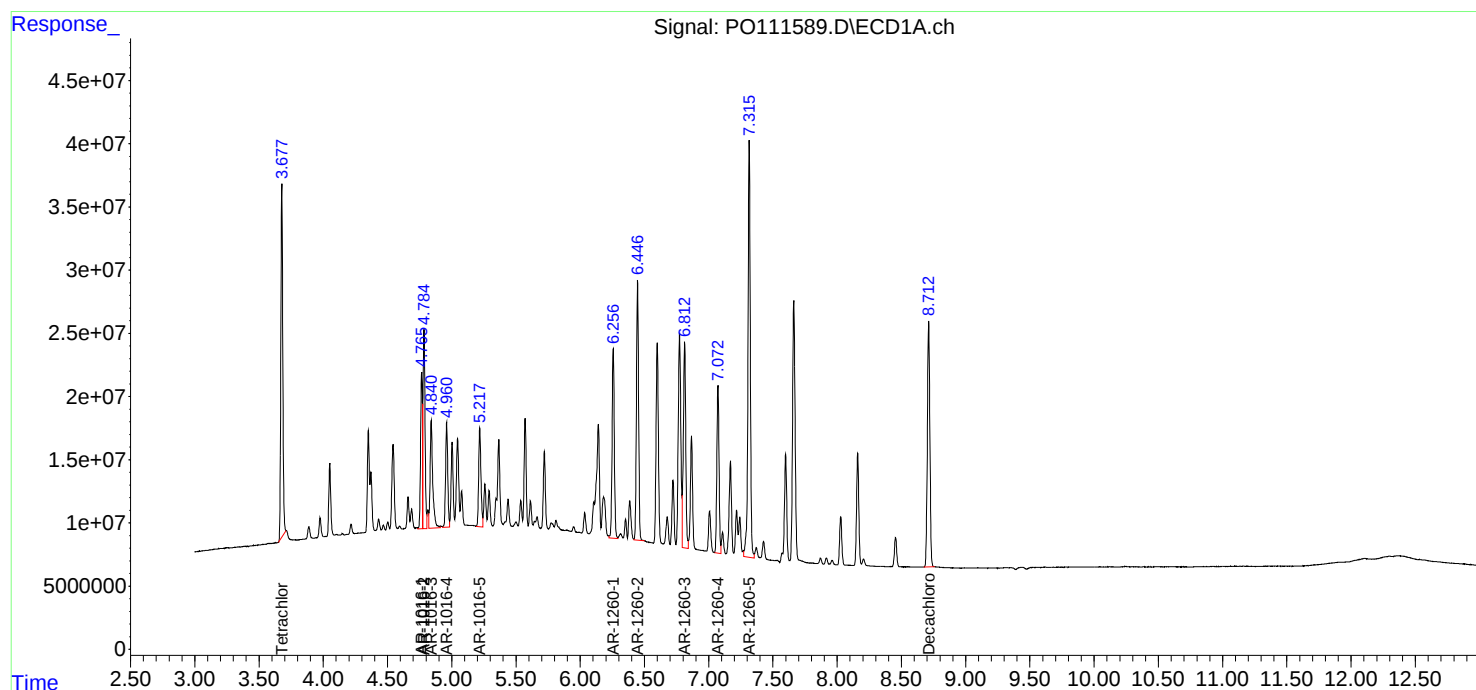
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:17
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:44:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\P0061125\
 Data File : P0111590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 11:35
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:52:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 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...	3.678	3.673	150.9E6	144.9E6	25.943	25.333
2) SA Decachlor...	8.713	8.662	139.5E6	47118679	26.697	26.546
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	63980961	51169234	269.190	265.465
4) L1 AR-1016-2	4.785	4.769	90057979	74078323	265.048	262.065
5) L1 AR-1016-3	4.842	4.944	63869331	39522116	270.400	263.792
6) L1 AR-1016-4	4.962	4.987	51072699	32018591	271.039	265.137
7) L1 AR-1016-5	5.219	5.199	51759950	41162532	271.494	265.301
31) L7 AR-1260-1	6.258	6.229	106.7E6	66350033	295.514	267.060
32) L7 AR-1260-2	6.447	6.417	126.7E6	76552502	271.274	264.732
33) L7 AR-1260-3	6.813	6.569	110.4E6	69891883	263.627	266.124
34) L7 AR-1260-4	7.073	7.039	81970889	50303192	267.669	270.812
35) L7 AR-1260-5	7.316	7.280	216.8E6	110.5E6	263.450	263.890

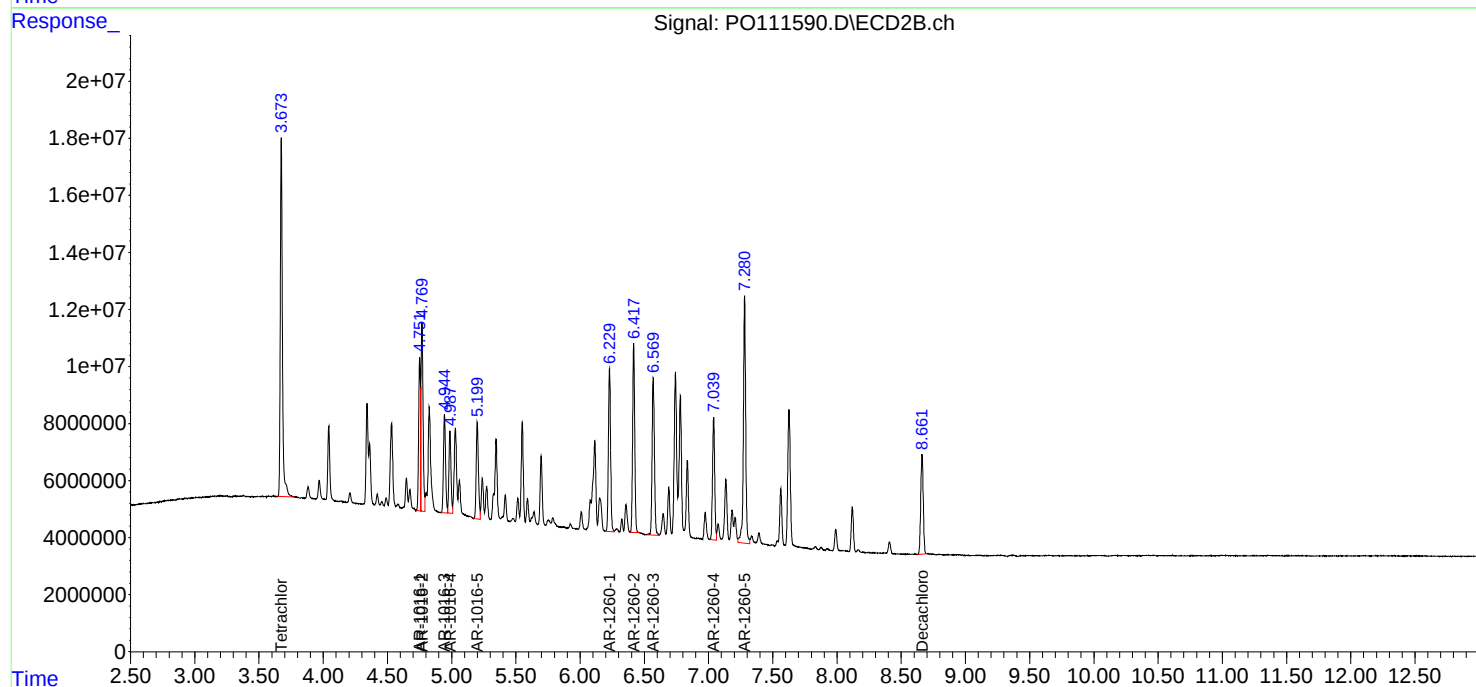
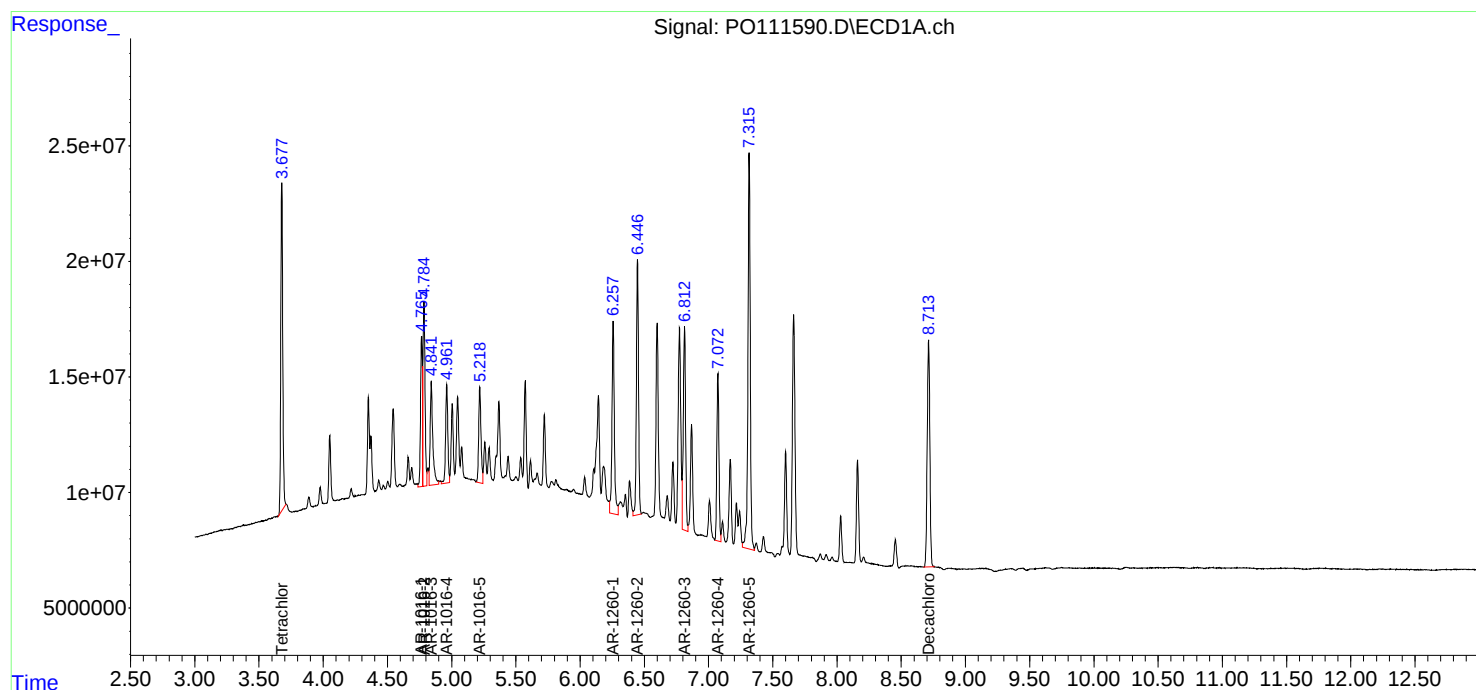
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:35
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:52:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 11:53
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:07:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:07:04 2025
 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...	3.678	3.673	27660981	26053048	4.803	4.638
2) SA Decachlor...	8.712	8.662	26704107	8941855	5.087	5.030
Target Compounds						
3) L1 AR-1016-1	4.765	4.750	12102371	10641184	51.662m	54.080
4) L1 AR-1016-2	4.784	4.769	15230034	14685829	45.601m	51.551
5) L1 AR-1016-3	4.841	4.944	10294489	7595210	43.965m	50.554
6) L1 AR-1016-4	4.961	4.987	8679050	6294307	46.206m	51.683
7) L1 AR-1016-5	5.218	5.199	8531210	8768797	45.620m	55.081
31) L7 AR-1260-1	6.256	6.229	16630454	13039756	46.467m	51.748m
32) L7 AR-1260-2	6.446	6.416	24715396	15670158	52.210m	53.392m
33) L7 AR-1260-3	6.813	6.569	22383586	14269100	52.708	53.406
34) L7 AR-1260-4	7.072	7.039	17363789	10374184	55.220	54.573
35) L7 AR-1260-5	7.316	7.280	41341782	22505628	50.189	52.952

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

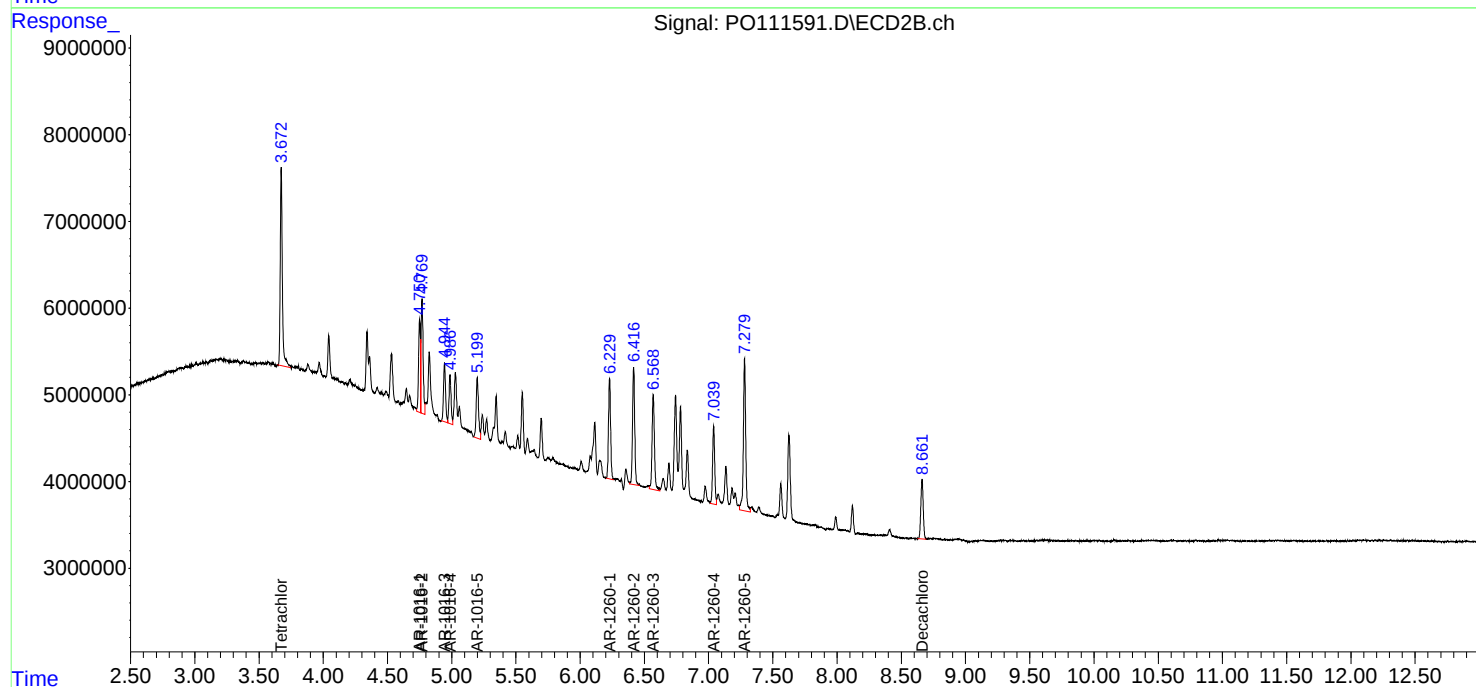
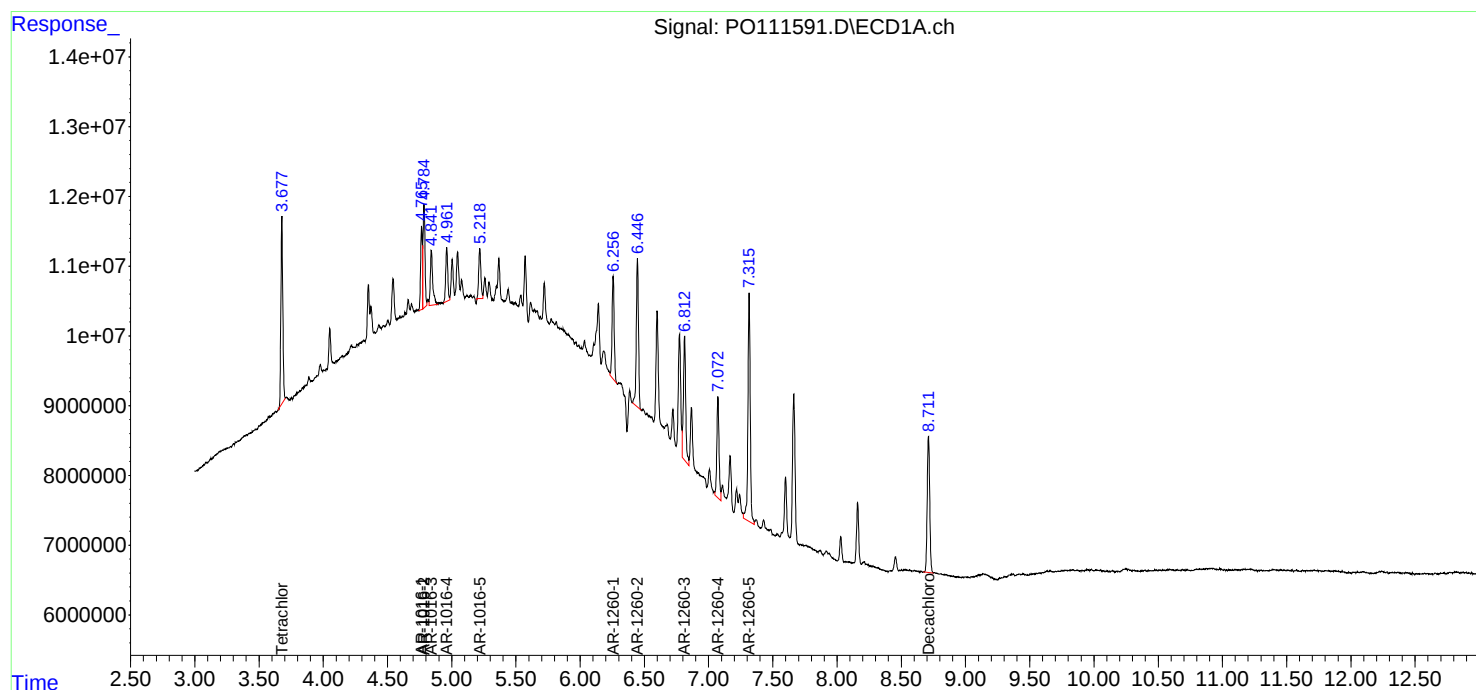
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:07:04 2025
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\P0061125\
 Data File : P0111592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:12
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:46:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:46:00 2025
 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...	3.677	3.673	287.0E6	275.6E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	267.2E6	90058921	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.889	3.883	43539401	37336939	500.000	500.000
9) L2 AR-1221-2	3.976	3.968	32083882	27974442	500.000	500.000
10) L2 AR-1221-3	4.051	4.043	97518158	85915227	500.000	500.000

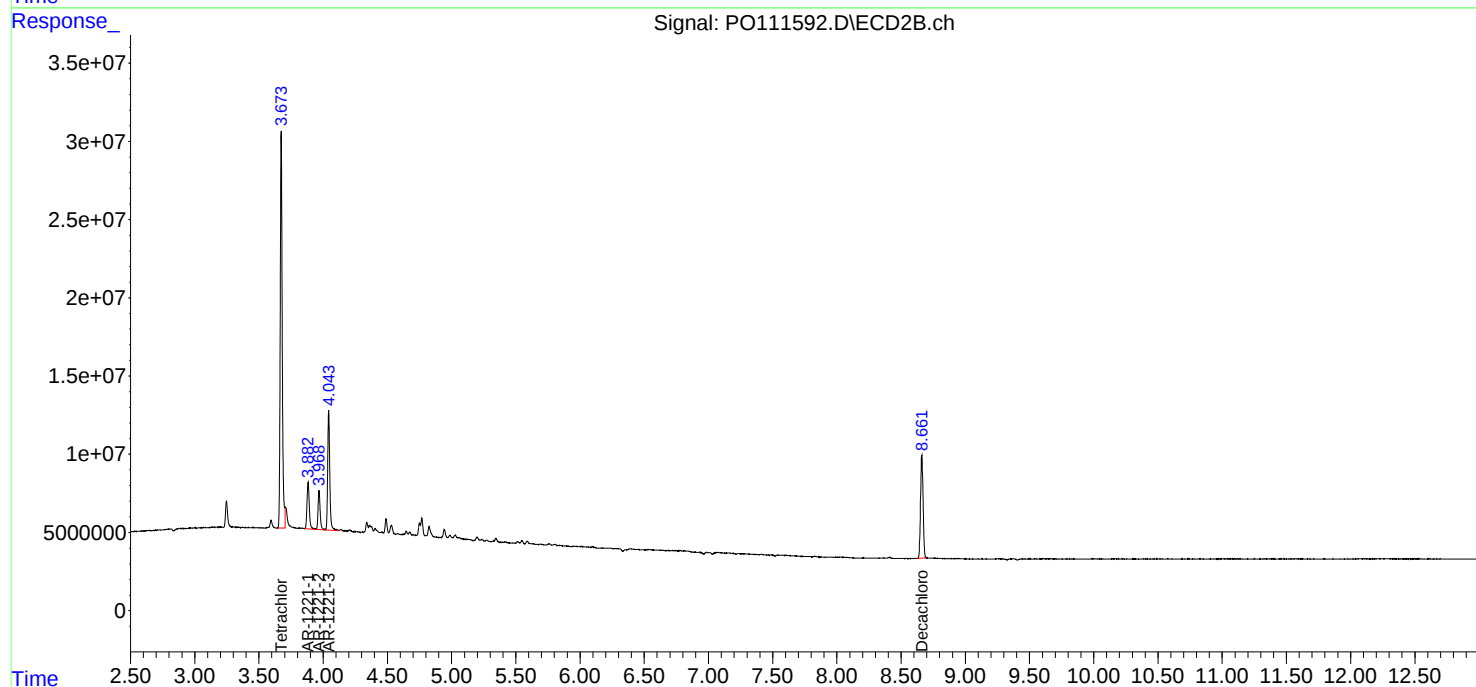
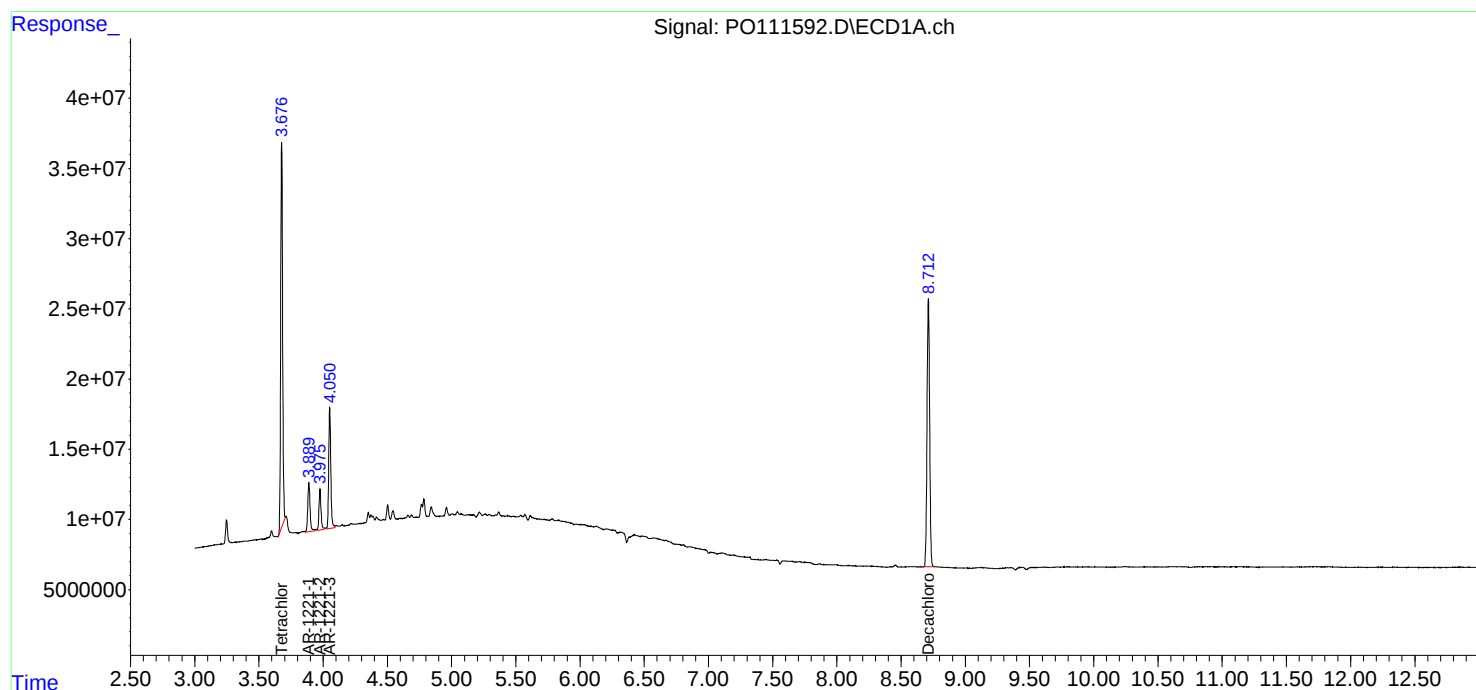
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:12
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:30
 Operator : YP/AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:49:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:46:00 2025
 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...	3.678	3.673	281.8E6	280.2E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	258.0E6	86695497	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.052	4.043	75874515	66494811	500.000	500.000
12) L3 AR-1232-2	4.544	4.769	43110570	65895506	500.000	500.000
13) L3 AR-1232-3	4.785	4.944	81440353	34559074	500.000	500.000
14) L3 AR-1232-4	4.961	5.029	43509571	30242026	500.000	500.000
15) L3 AR-1232-5	5.004	5.199	28290272	33207345	500.000	500.000

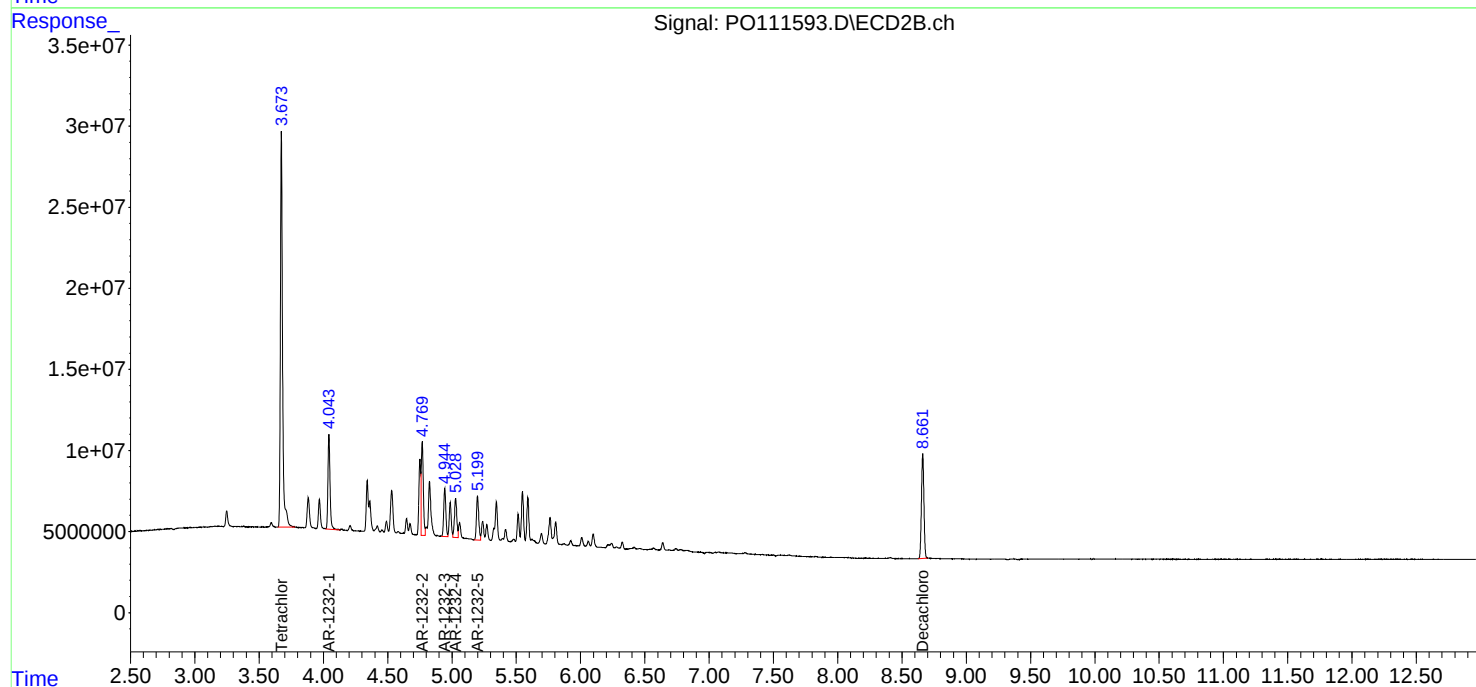
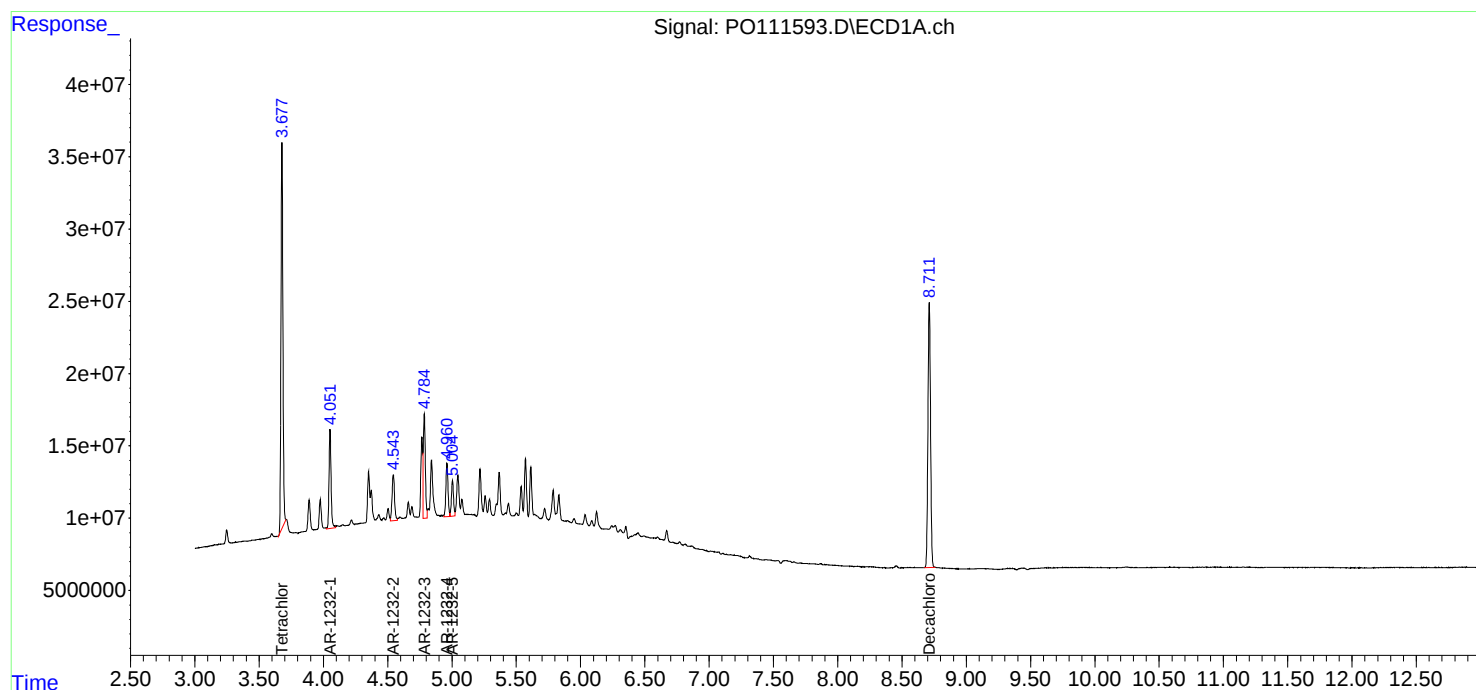
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:30
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:48
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:17:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:16:47 2025
 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...	3.678	3.674	545.7E6	544.8E6	96.546	98.009
2) SA Decachlor...	8.713	8.661	488.1E6	162.9E6	96.233	95.886
Target Compounds						
16) L4 AR-1242-1	4.766	4.750	189.9E6	152.2E6	953.554	956.335
17) L4 AR-1242-2	4.785	4.769	269.3E6	225.8E6	954.325	962.422
18) L4 AR-1242-3	4.841	4.944	185.2E6	119.5E6	947.690	960.999
19) L4 AR-1242-4	4.961	5.028	148.9E6	114.6E6	950.919	953.944
20) L4 AR-1242-5	5.613	5.548	154.5E6	141.8E6	934.407	954.850

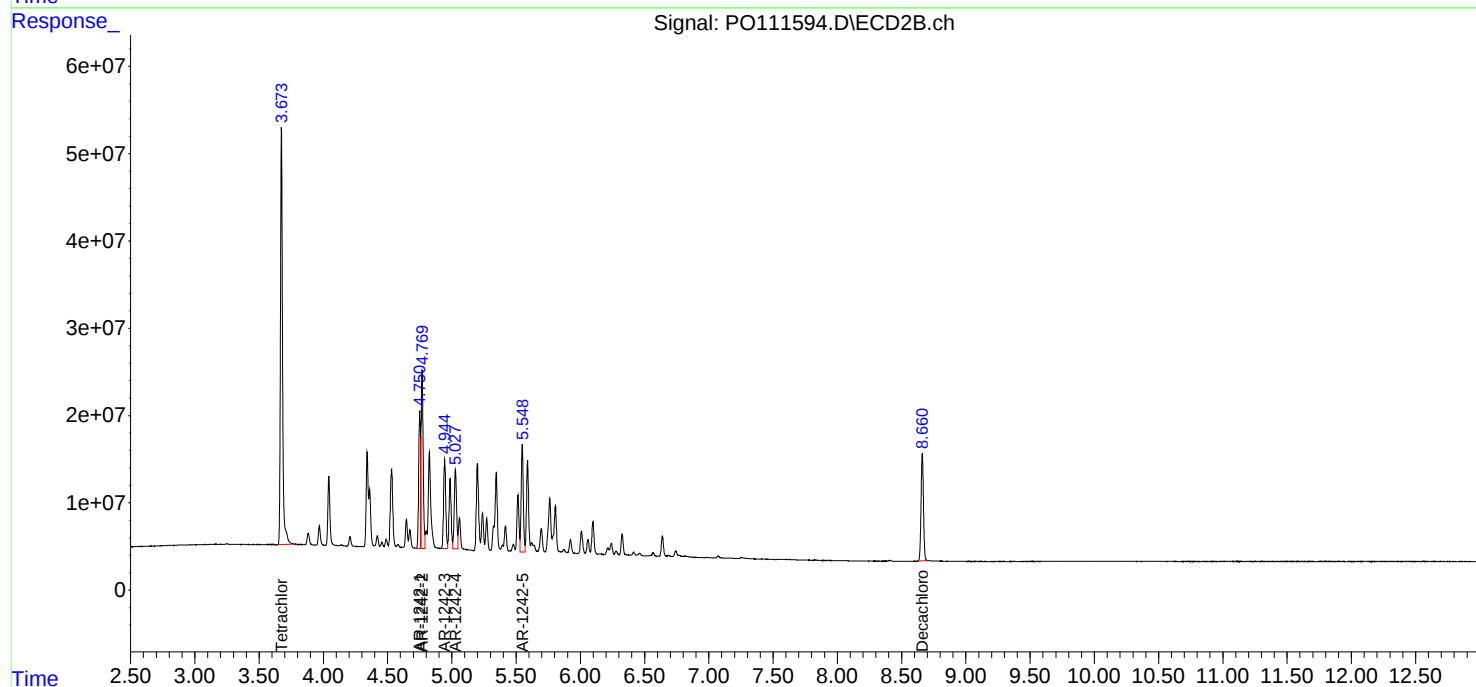
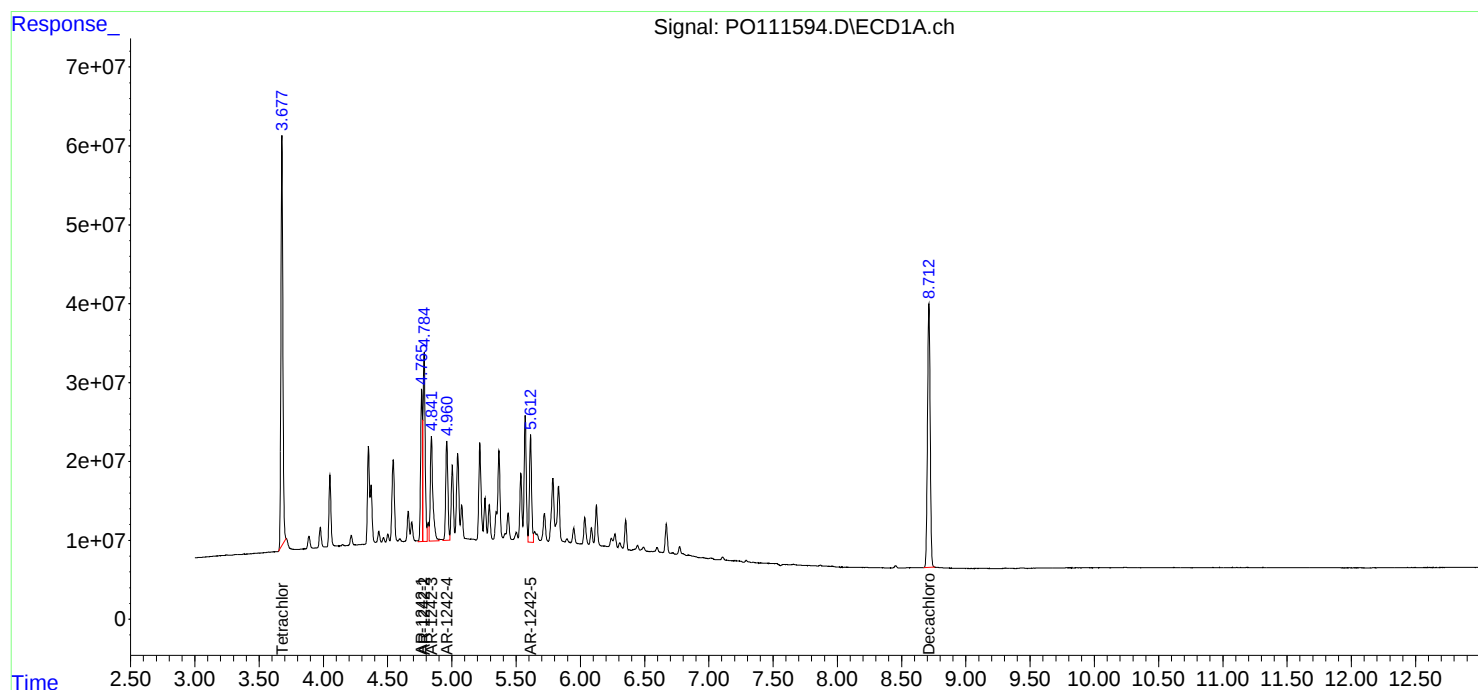
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:48
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:16:47 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 13:07
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:20:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:19:50 2025
 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...	3.678	3.674	426.1E6	419.4E6	75.261	75.304
2) SA Decachlor...	8.713	8.662	381.1E6	127.3E6	75.098	74.955
Target Compounds						
16) L4 AR-1242-1	4.766	4.751	149.5E6	119.8E6	750.589	752.073
17) L4 AR-1242-2	4.785	4.769	212.9E6	176.2E6	752.944	750.686
18) L4 AR-1242-3	4.841	4.944	148.7E6	92718079	757.338	747.108
19) L4 AR-1242-4	4.962	5.029	117.3E6	89969660	749.552	749.340
20) L4 AR-1242-5	5.613	5.549	125.2E6	112.0E6	755.024	752.841

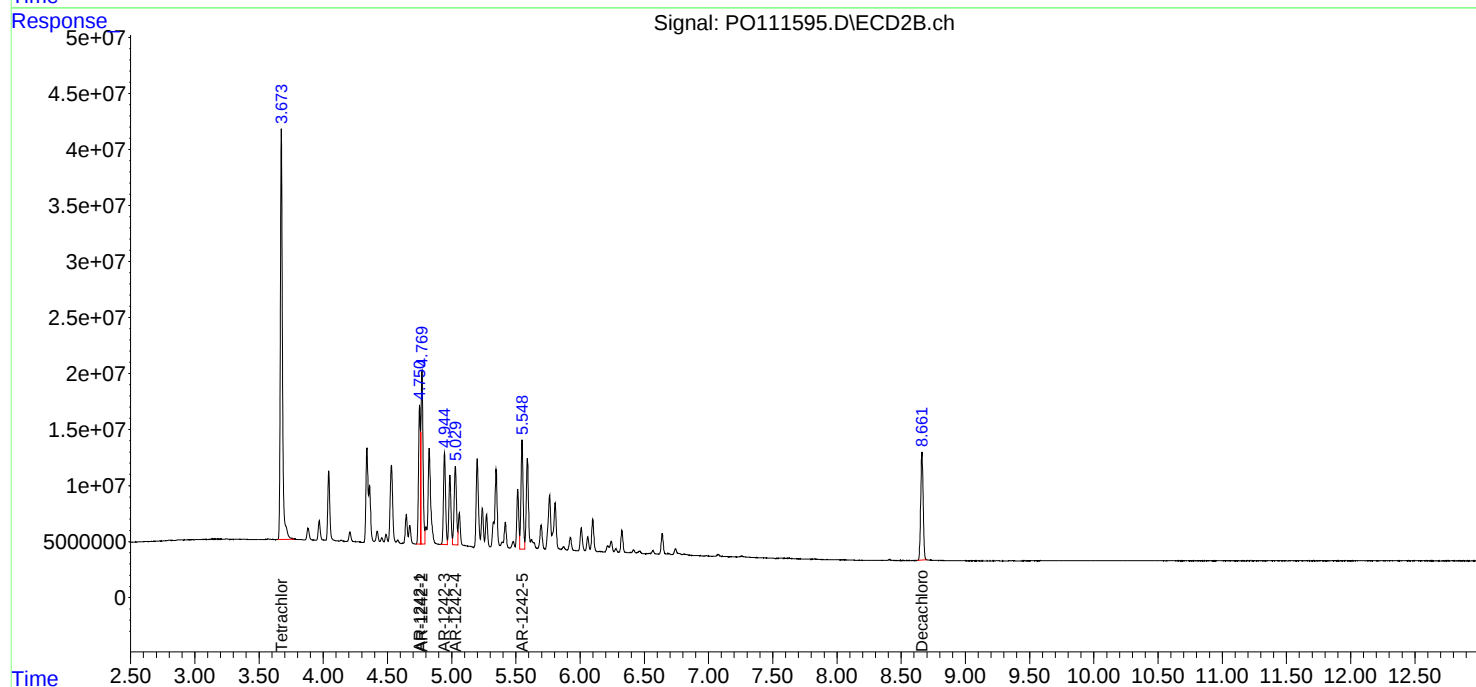
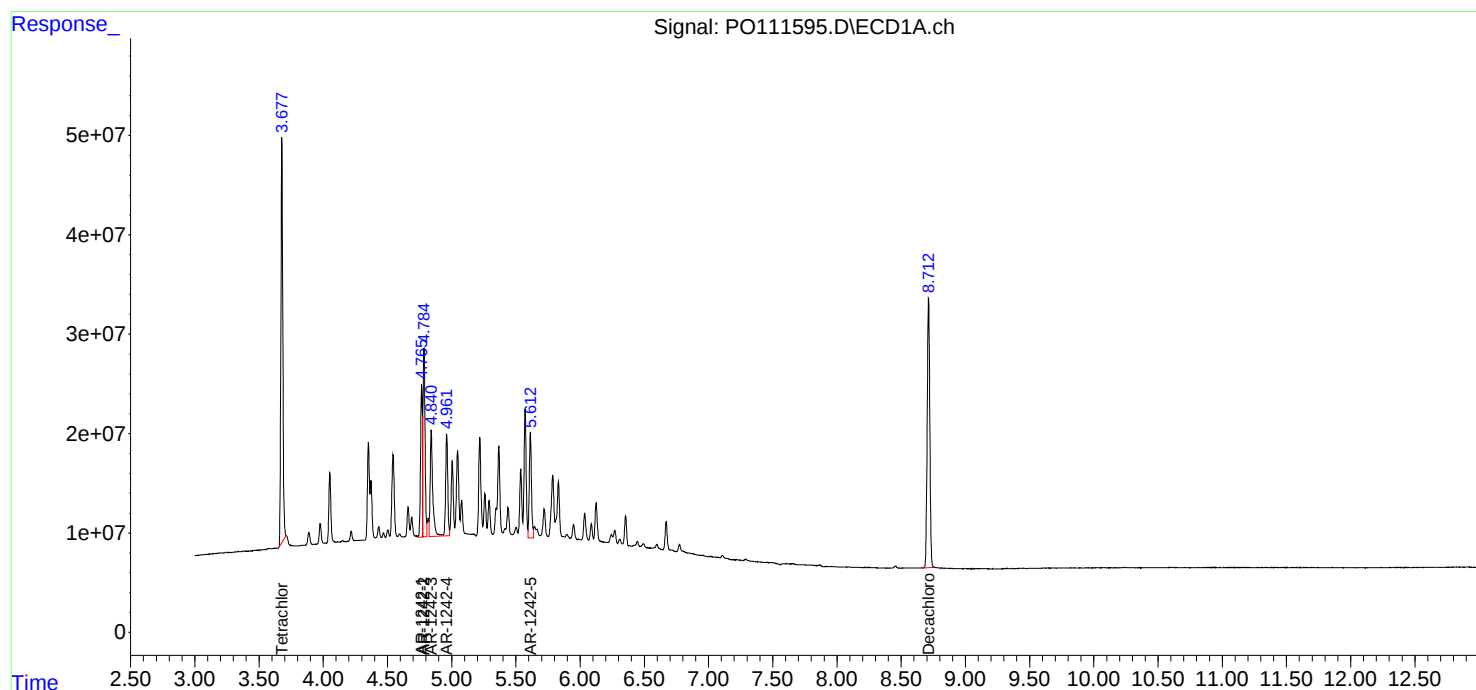
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:07
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:19:50 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 13:25
 Operator : YP/AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:13:27 2025
 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...	3.678	3.673	292.4E6	283.4E6	50.000	50.000
2) SA Decachlor...	8.713	8.662	263.1E6	88437095	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.765	4.751	104.2E6	83032155	500.000	500.000
17) L4 AR-1242-2	4.784	4.769	147.5E6	121.7E6	500.000	500.000
18) L4 AR-1242-3	4.841	4.944	102.8E6	64595632	500.000	500.000
19) L4 AR-1242-4	4.960	5.028	82142260	62825159	500.000	500.000
20) L4 AR-1242-5	5.612	5.549	88077559	77585315	500.000	500.000

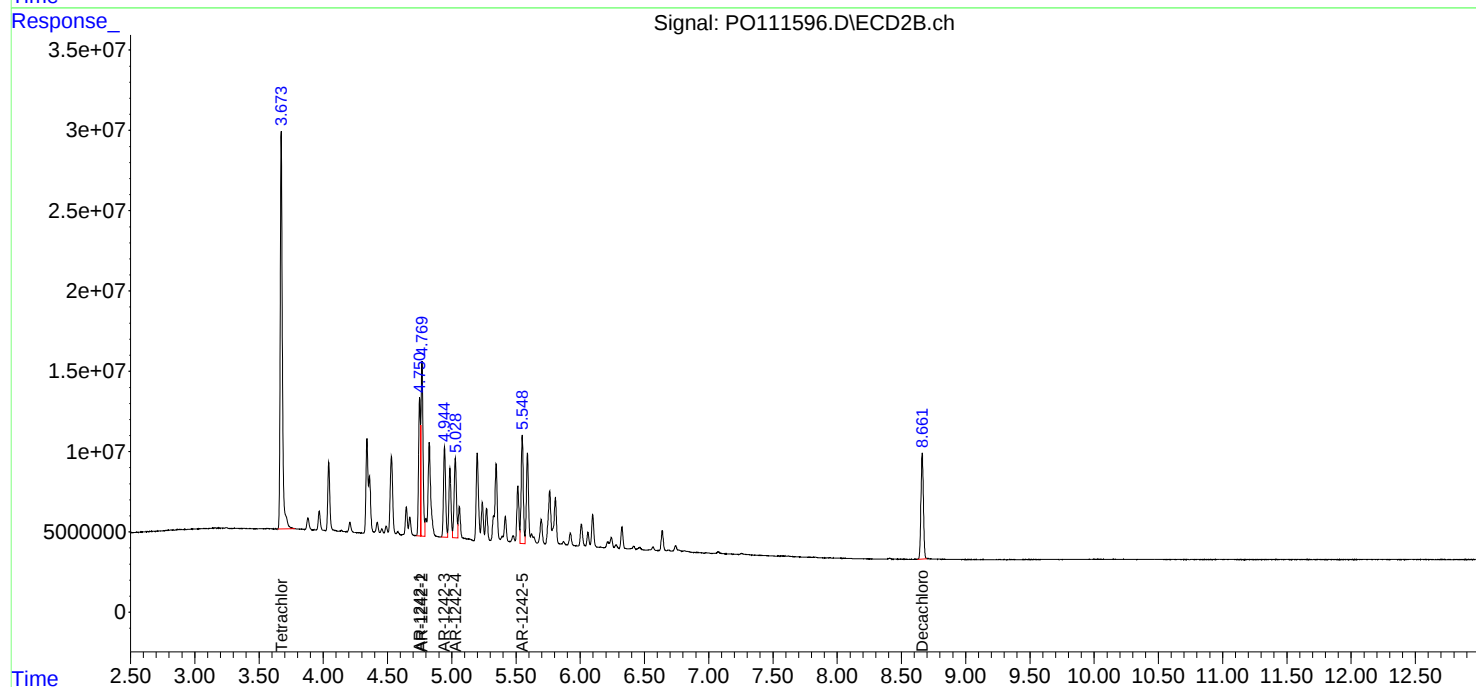
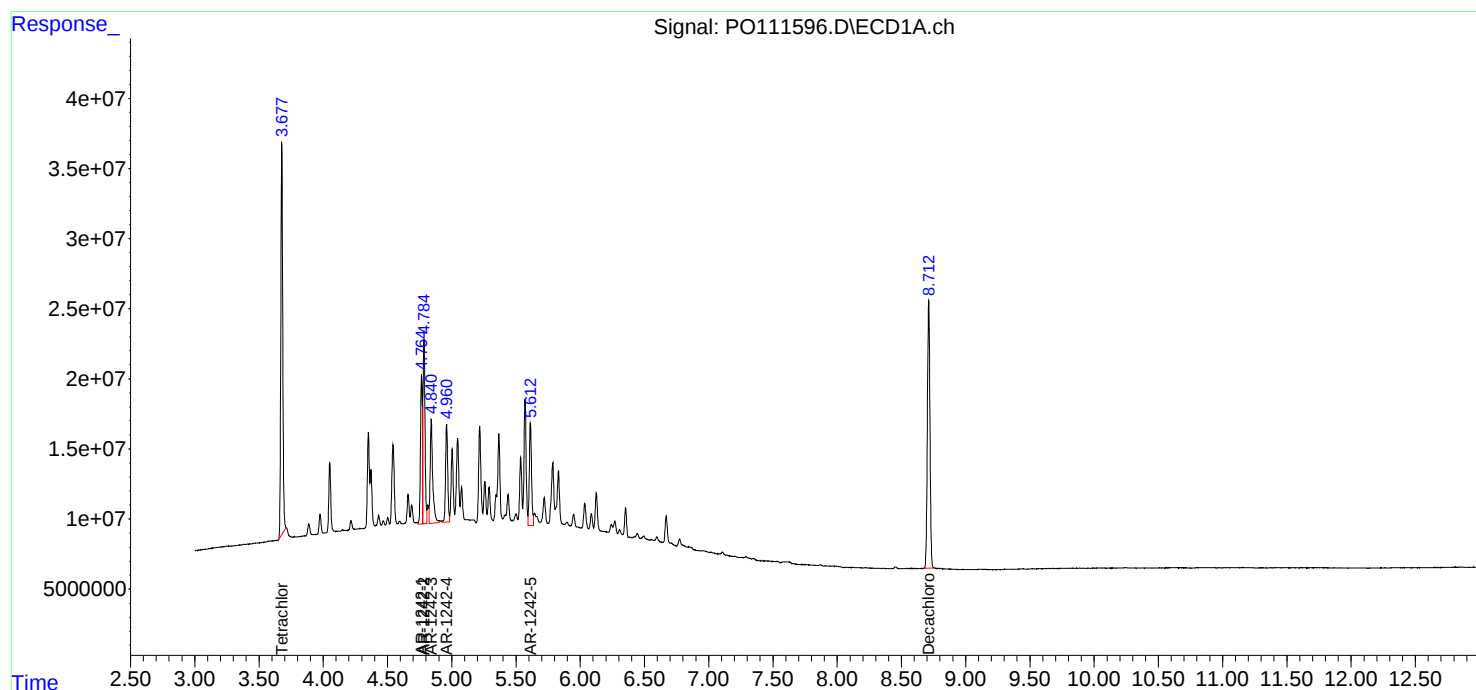
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:25
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:13:27 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 13:44
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:23:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:19:50 2025
 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...	3.676	3.672	150.8E6	142.6E6	26.206	25.453
2) SA Decachlor...	8.711	8.661	138.1E6	46179693	26.616	26.608
Target Compounds						
16) L4 AR-1242-1	4.764	4.749	54708882	44017430	268.019	269.187
17) L4 AR-1242-2	4.783	4.768	77715059	62976219	268.219	263.448
18) L4 AR-1242-3	4.840	4.943	54110674	33754705	268.666	266.138
19) L4 AR-1242-4	4.959	5.028	42489595	33285094	265.720	269.878
20) L4 AR-1242-5	5.612	5.548	45769698	40348676	268.964	265.608

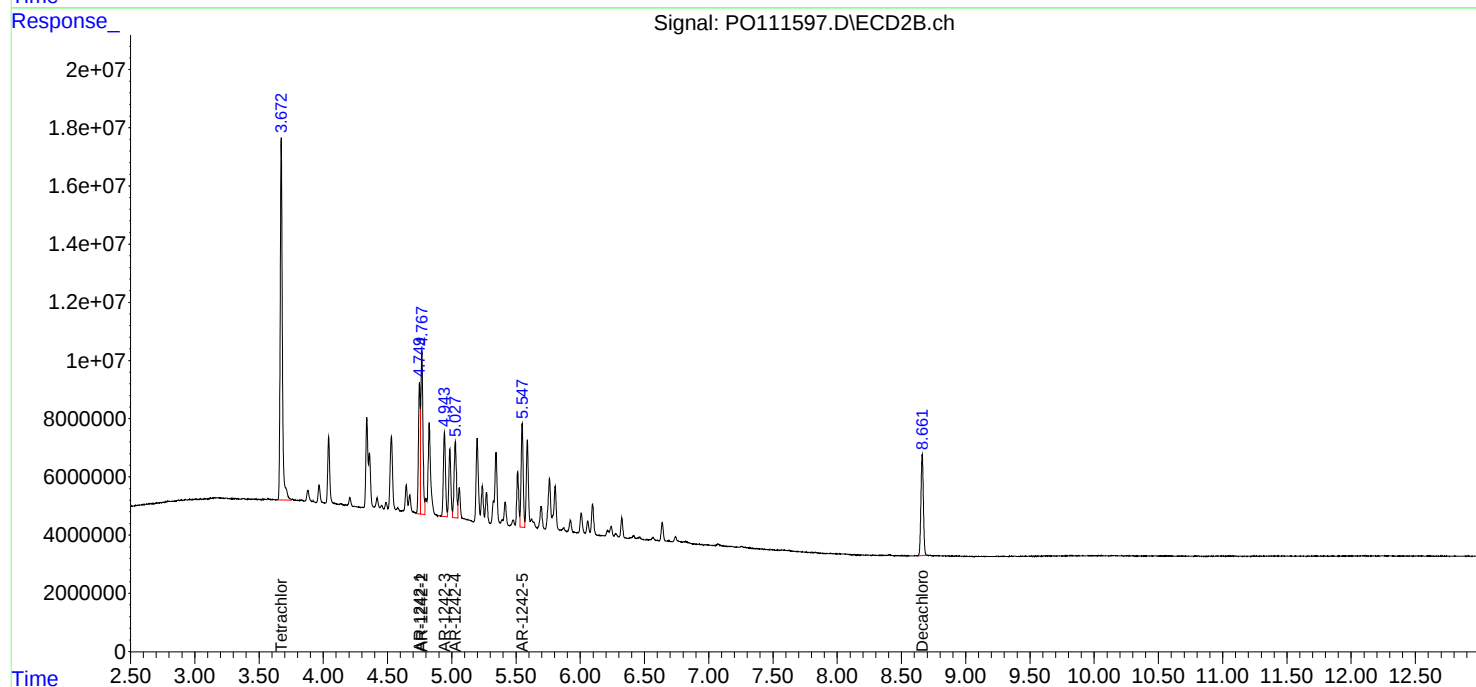
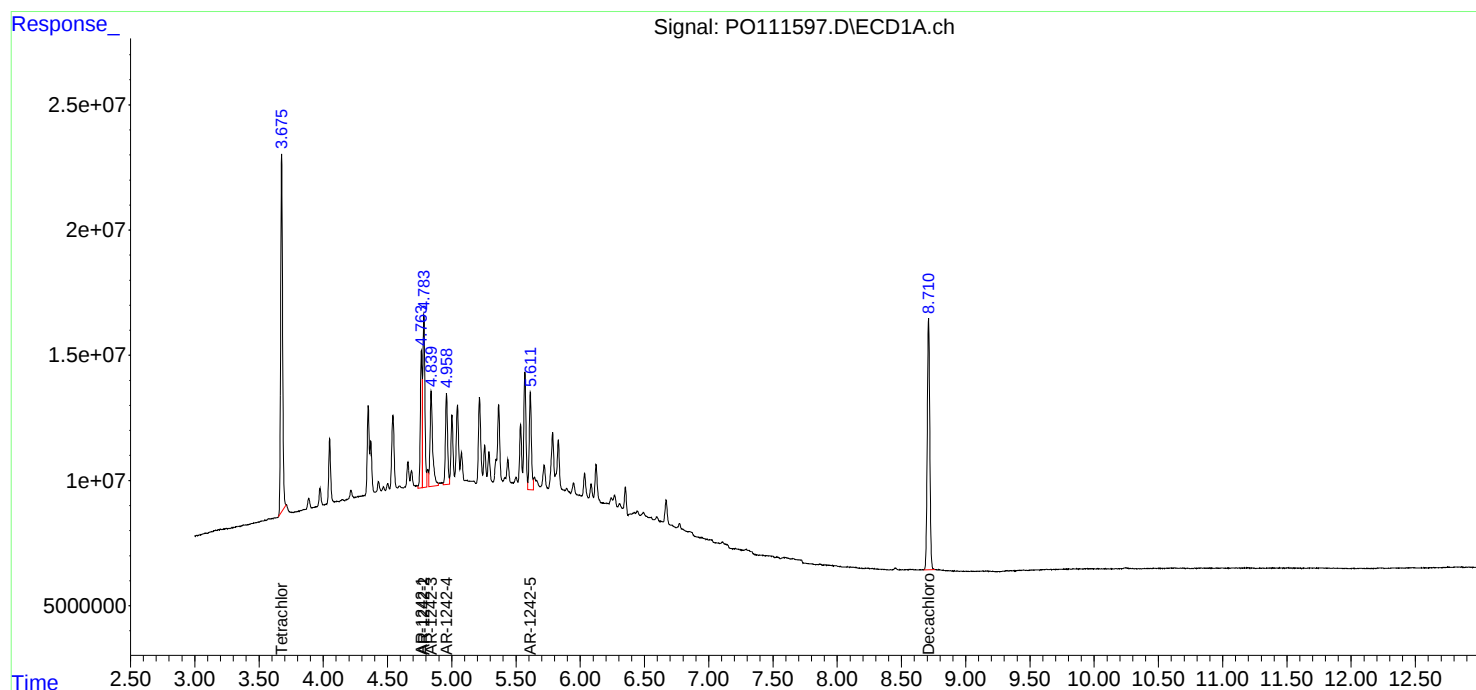
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:44
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:19:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:02
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:26:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:26:18 2025
 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...	3.677	3.672	26071082	23777938	4.617	4.376
2) SA Decachlor...	8.712	8.661	24643941	8137257	4.799	4.748
Target Compounds						
16) L4 AR-1242-1	4.765	4.751	9536300	7985936	47.674m	49.066
17) L4 AR-1242-2	4.784	4.769	12492728	11206079	44.428m	47.471
18) L4 AR-1242-3	4.841	4.944	9424858	6031021	47.765m	48.022
19) L4 AR-1242-4	4.961	5.029	7568610	5972863	47.687m	48.735
20) L4 AR-1242-5	5.613	5.549	7770041	7090223	47.727m	47.303

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 14:02
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

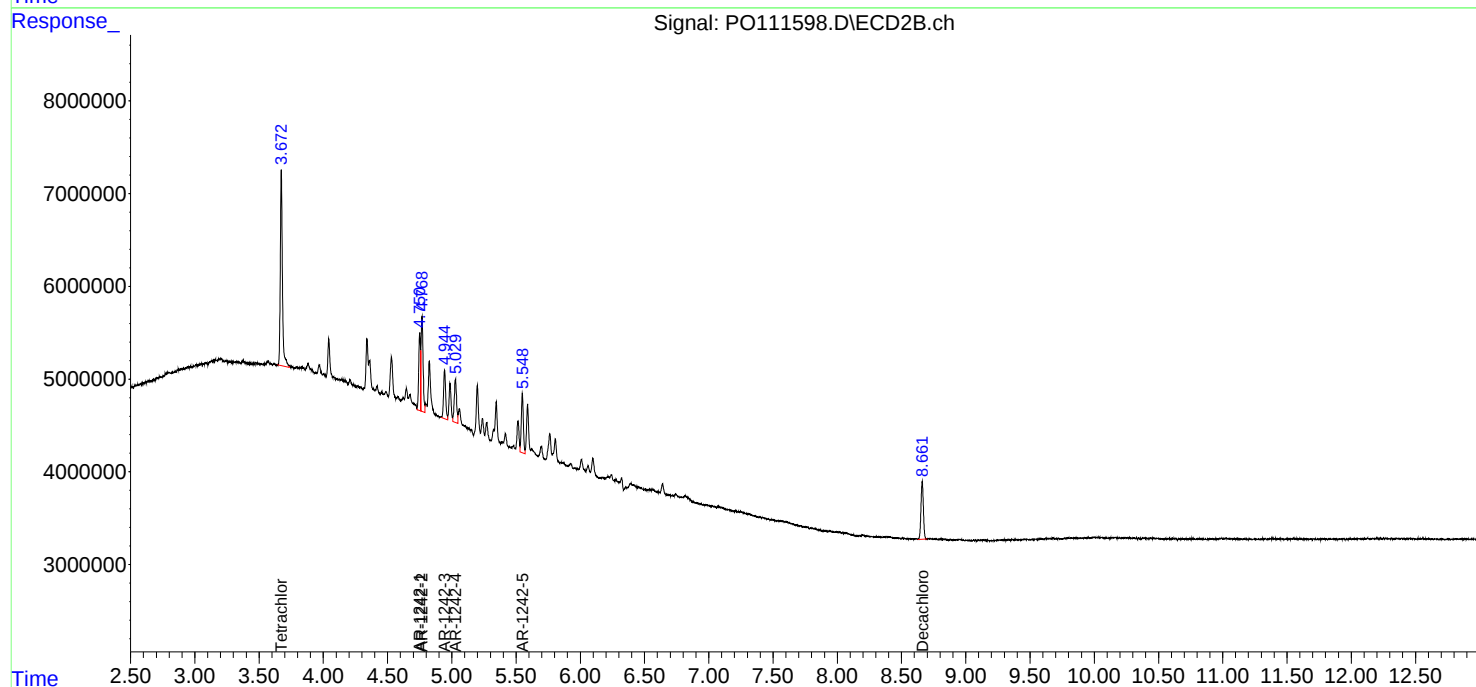
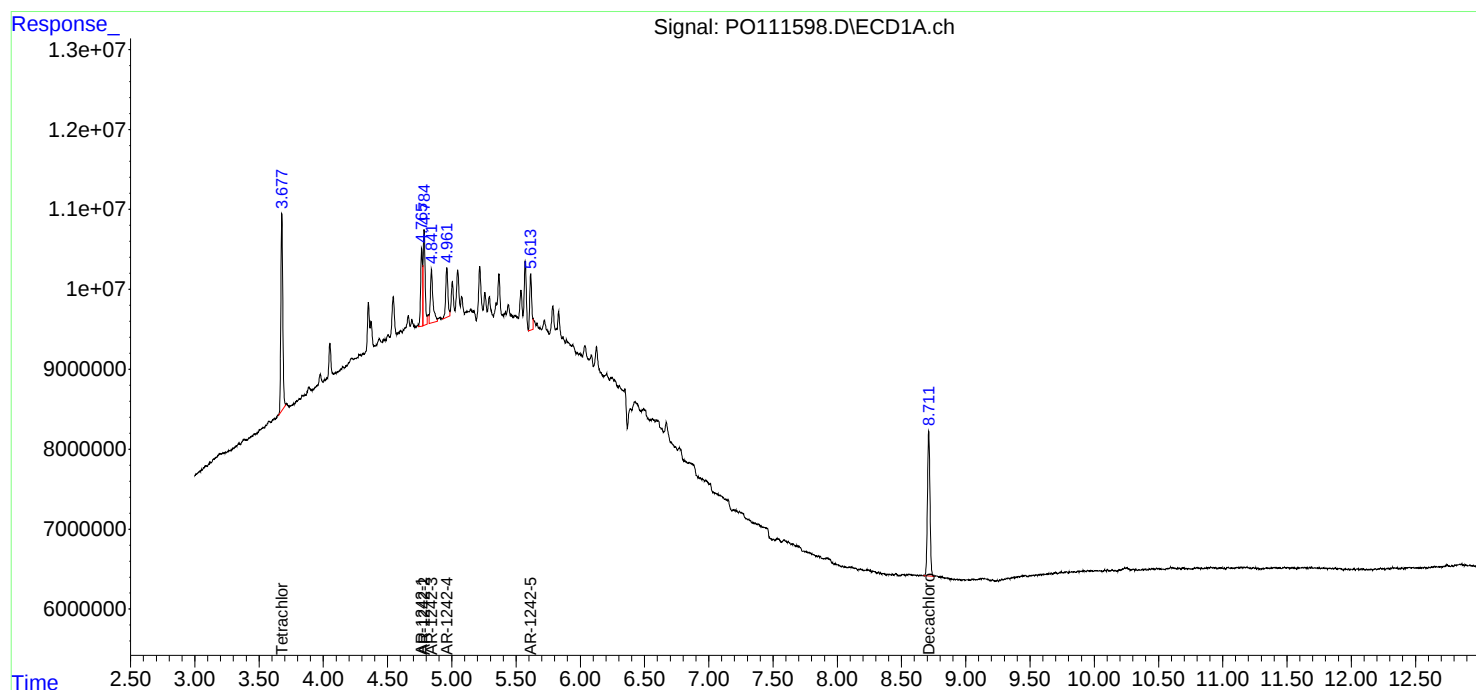
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:26:18 2025
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\P0061125\
 Data File : P0111599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:20
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:22:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 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...	3.678	3.673	562.7E6	545.9E6	92.601	95.368
2) SA Decachlor...	8.712	8.662	493.0E6	164.5E6	90.940	91.111
Target Compounds						
21) L5 AR-1248-1	4.766	4.751	145.9E6	118.8E6	898.472	905.205
22) L5 AR-1248-2	5.005	4.987	193.4E6	160.4E6	903.103	896.089
23) L5 AR-1248-3	5.219	5.029	243.7E6	169.9E6	900.111	903.774
24) L5 AR-1248-4	5.572	5.199	355.9E6	200.5E6	893.308	901.345
25) L5 AR-1248-5	5.614	5.591	249.8E6	195.8E6	880.725	906.082

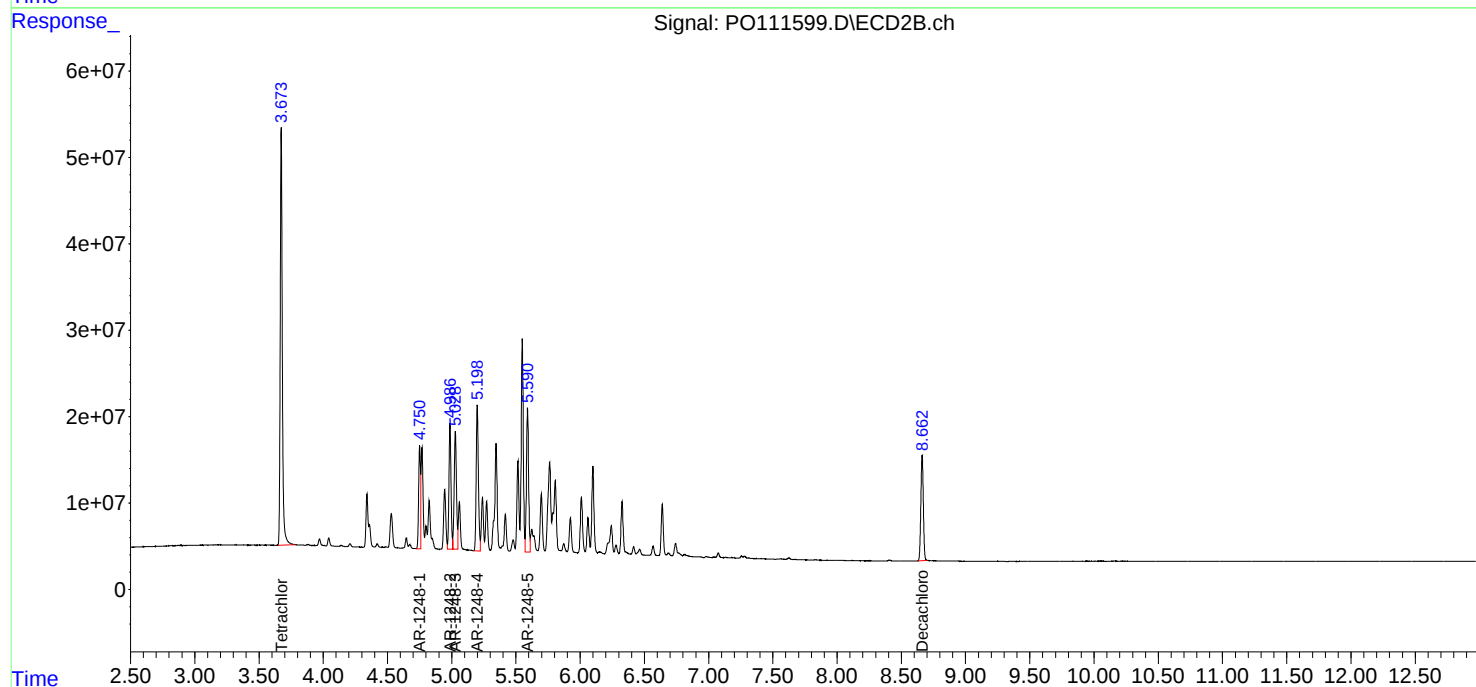
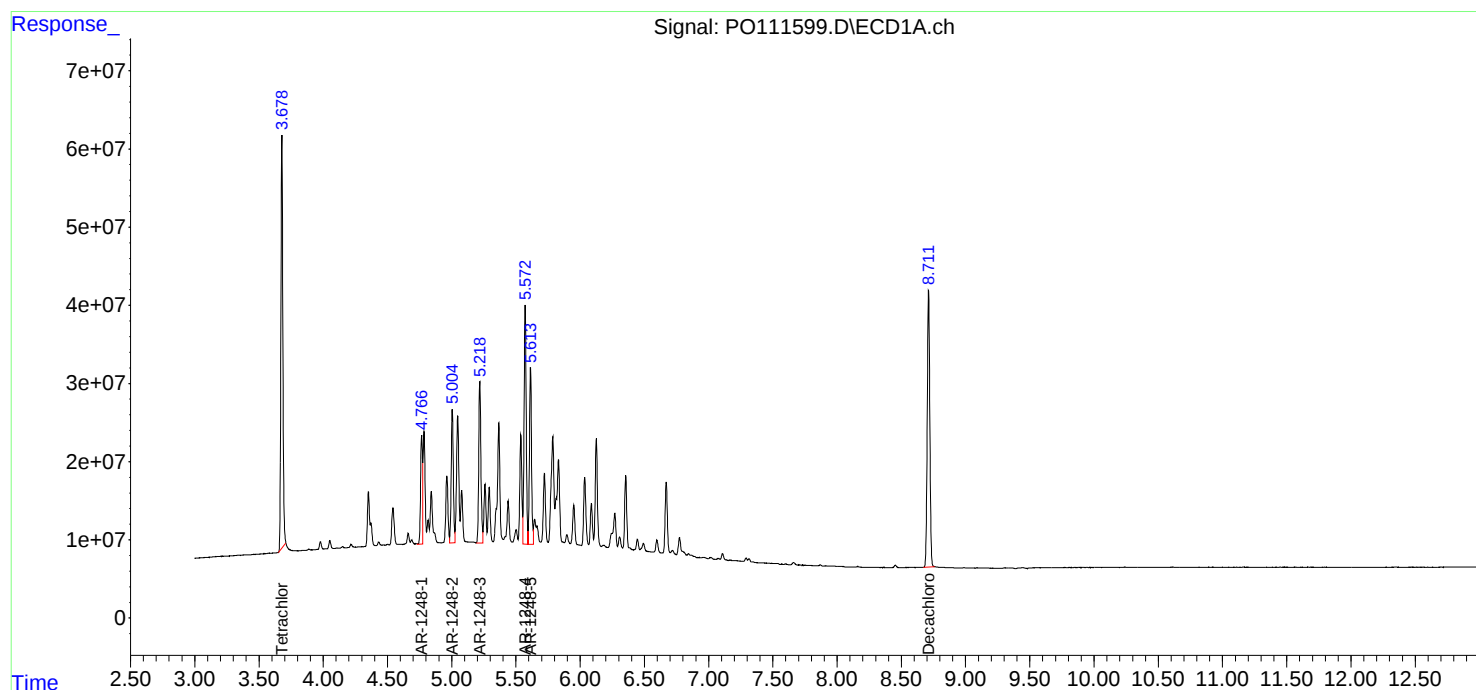
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 14:20
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:22:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:39
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:59:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 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...	3.678	3.674	438.5E6	418.6E6	74.962	74.915
2) SA Decachlor...	8.713	8.661	385.7E6	128.8E6	74.679	74.790
Target Compounds						
21) L5 AR-1248-1	4.765	4.751	114.7E6	92154367	746.184	741.216
22) L5 AR-1248-2	5.004	4.987	152.3E6	126.2E6	748.166	745.749
23) L5 AR-1248-3	5.218	5.029	193.6E6	133.4E6	751.743	746.988
24) L5 AR-1248-4	5.572	5.199	282.3E6	157.1E6	749.055	745.196
25) L5 AR-1248-5	5.613	5.590	200.3E6	154.5E6	750.604	749.907

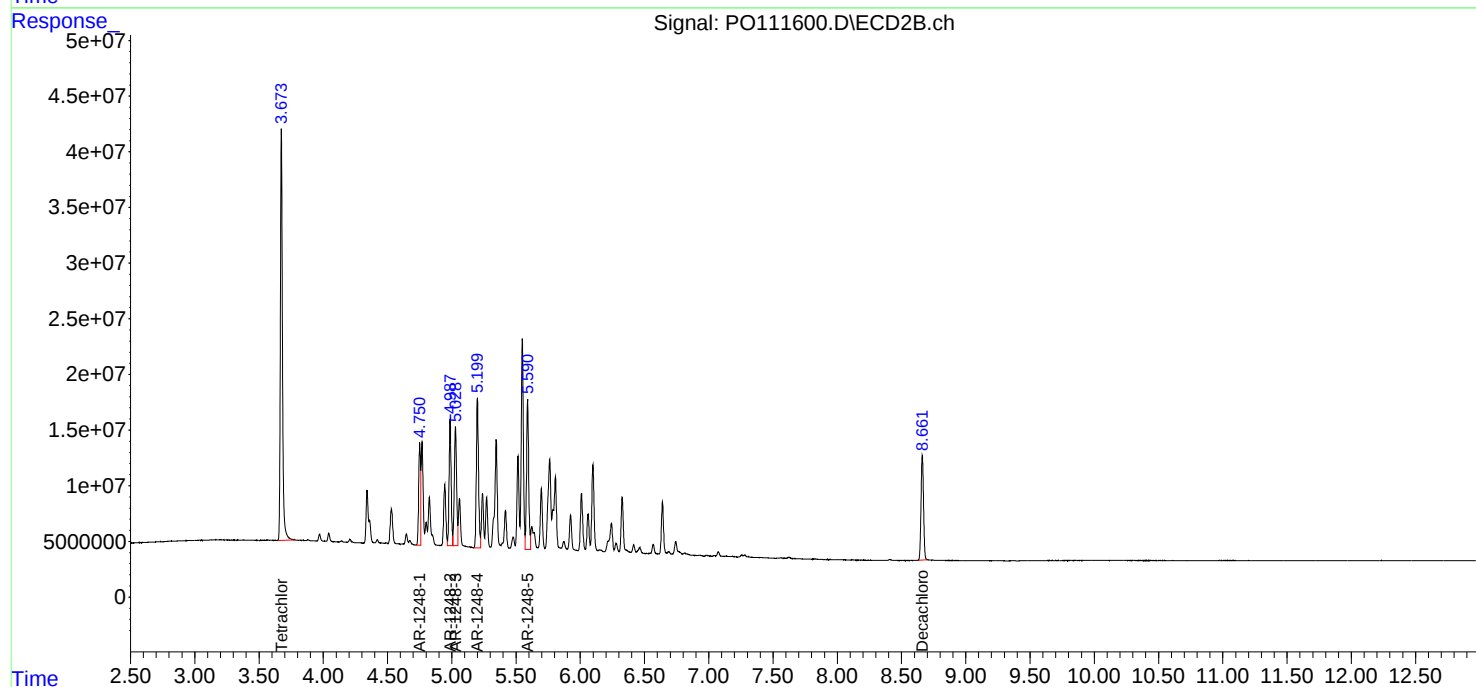
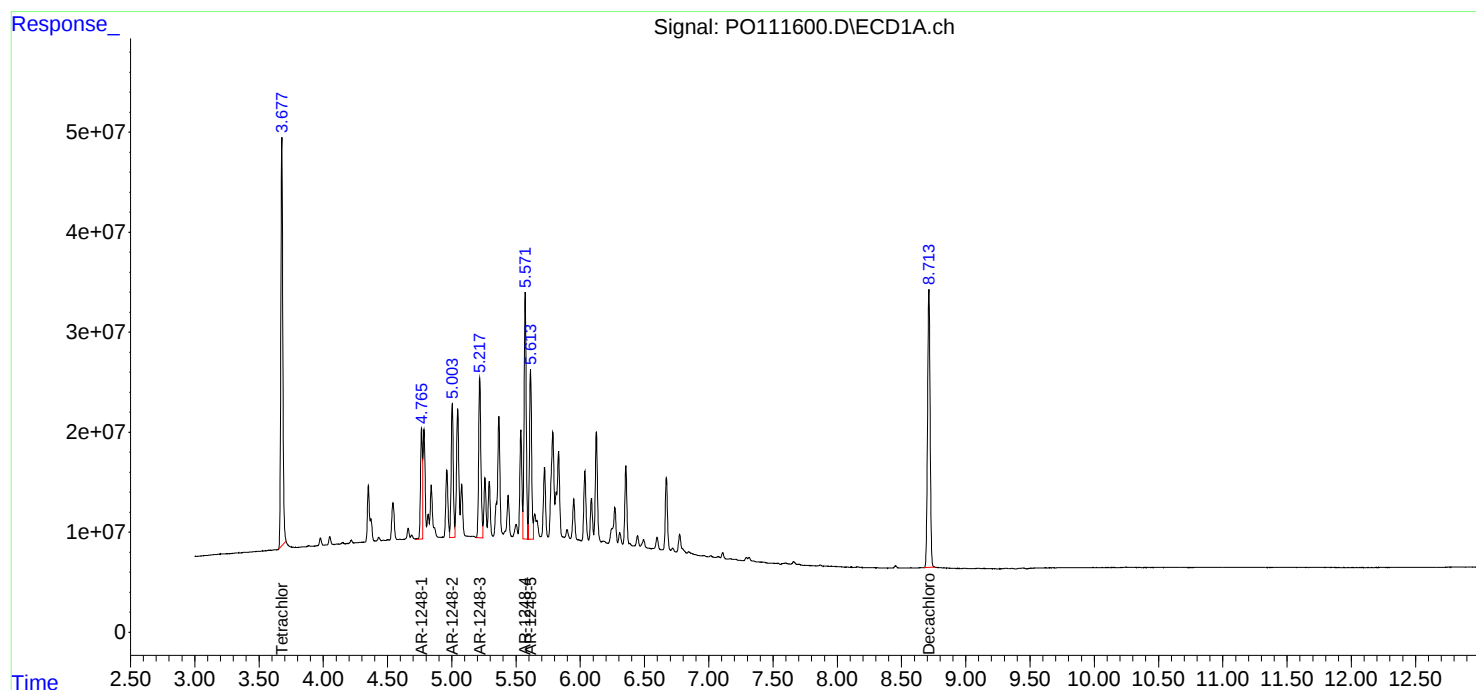
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 14:39
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:59:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 15:14
 Operator : YP/AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:19:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 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...	3.676	3.673	303.8E6	286.2E6	50.000	50.000
2) SA Decachlor...	8.710	8.661	271.0E6	90265997	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.764	4.750	81185066	65639548	500.000	500.000
22) L5 AR-1248-2	5.002	4.986	107.1E6	89516538	500.000	500.000
23) L5 AR-1248-3	5.216	5.028	135.4E6	93975832	500.000	500.000
24) L5 AR-1248-4	5.570	5.199	199.2E6	111.2E6	500.000	500.000
25) L5 AR-1248-5	5.611	5.589	141.8E6	108.1E6	500.000	500.000

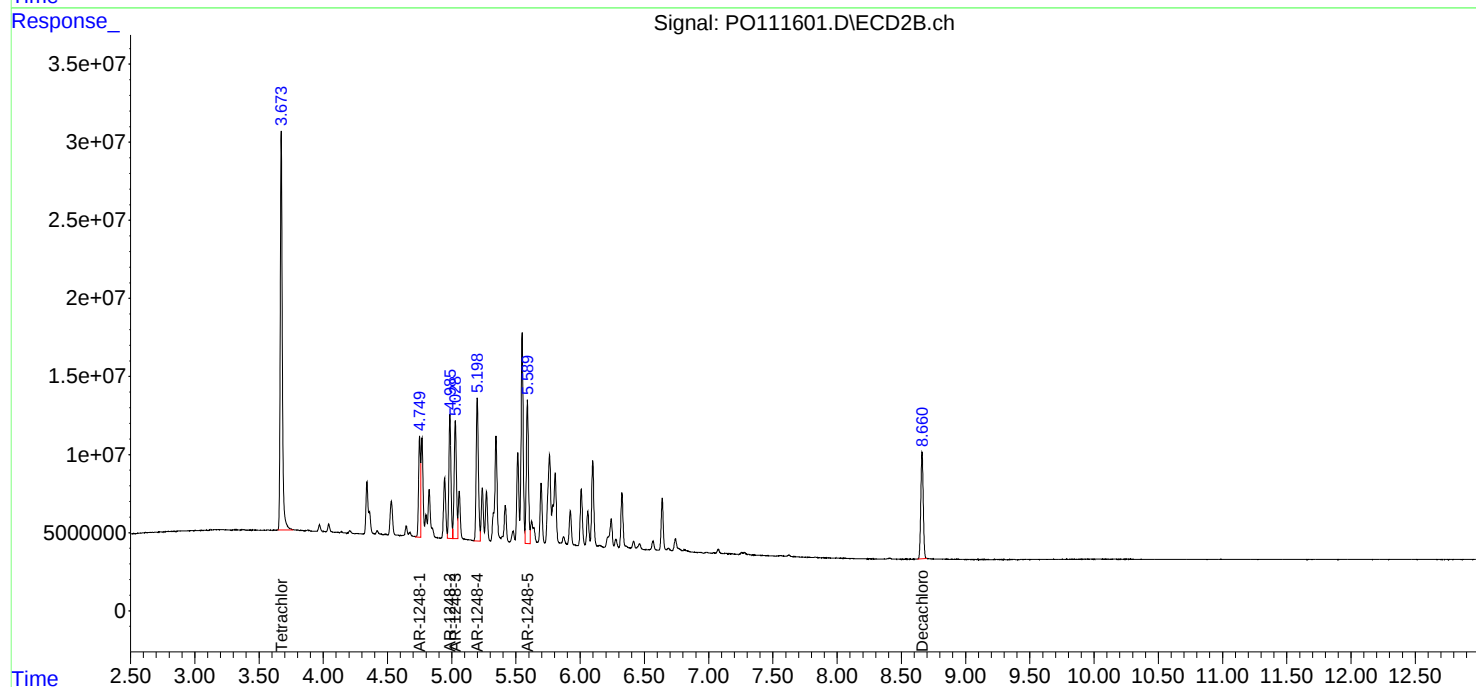
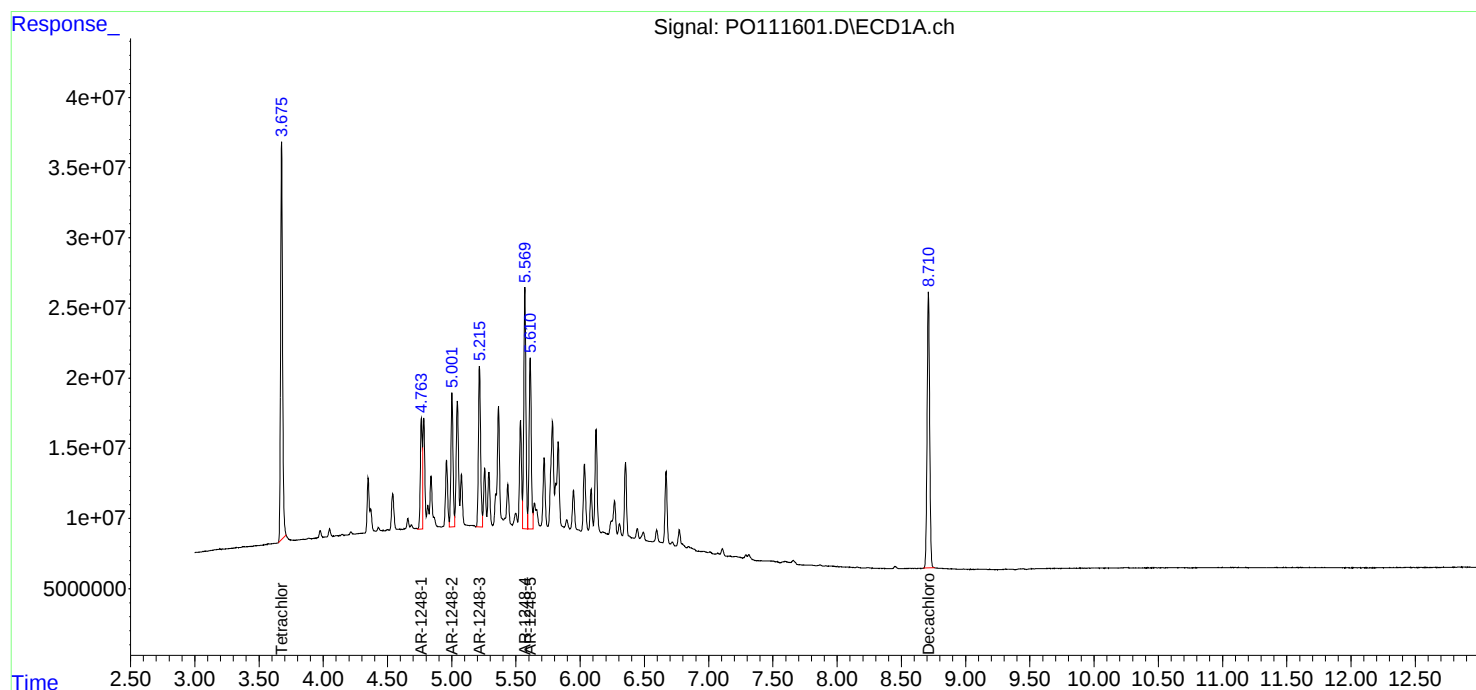
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:14
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 15:32
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 17:06:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 17:04:47 2025
 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...	3.676	3.674	156.1E6	143.5E6	26.247	25.510
2) SA Decachlor...	8.711	8.662	142.1E6	47094148	26.845	26.713
Target Compounds						
21) L5 AR-1248-1	4.764	4.751	42620089	35136234	269.880	273.683
22) L5 AR-1248-2	5.002	4.987	55400295	46647339	266.297	268.727
23) L5 AR-1248-3	5.217	5.028	73715499	49572948	276.243	270.173
24) L5 AR-1248-4	5.570	5.199	106.6E6	59394712	273.901	273.101
25) L5 AR-1248-5	5.611	5.590	75633935	56998567	274.281	269.531

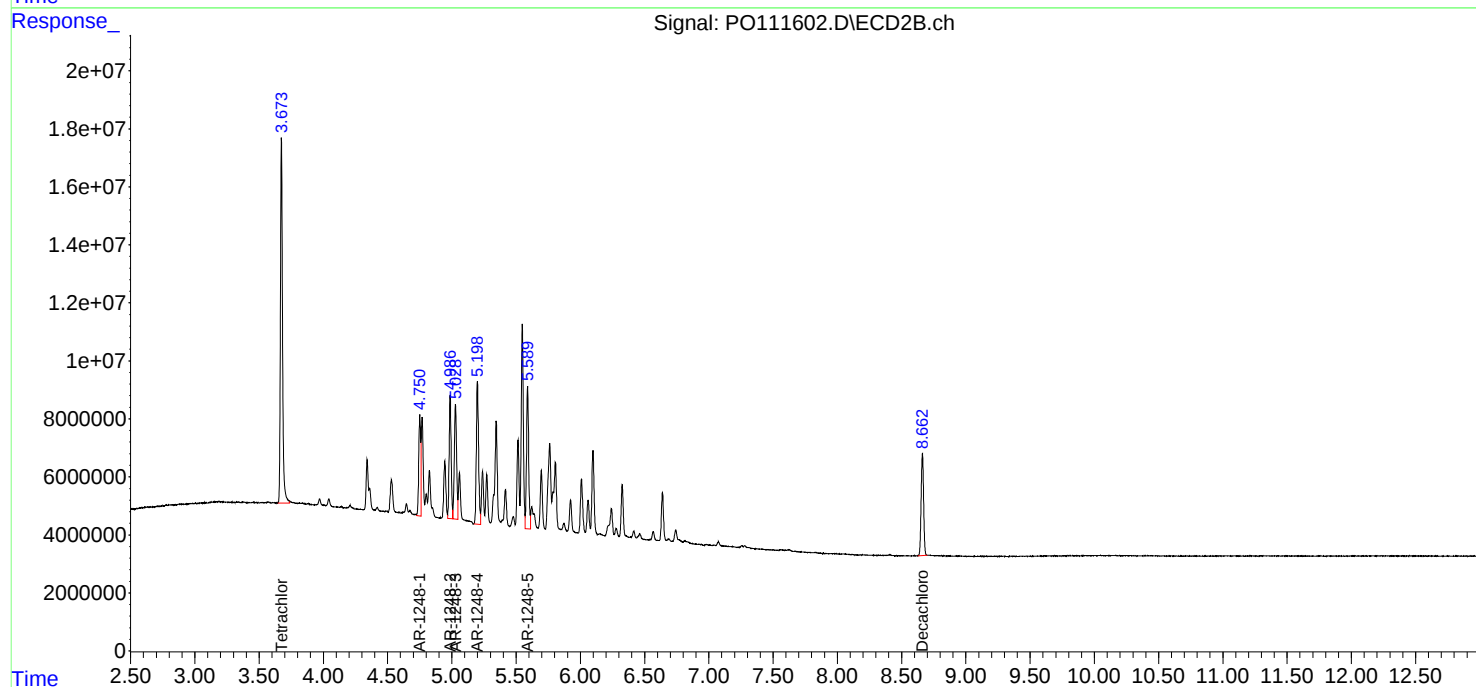
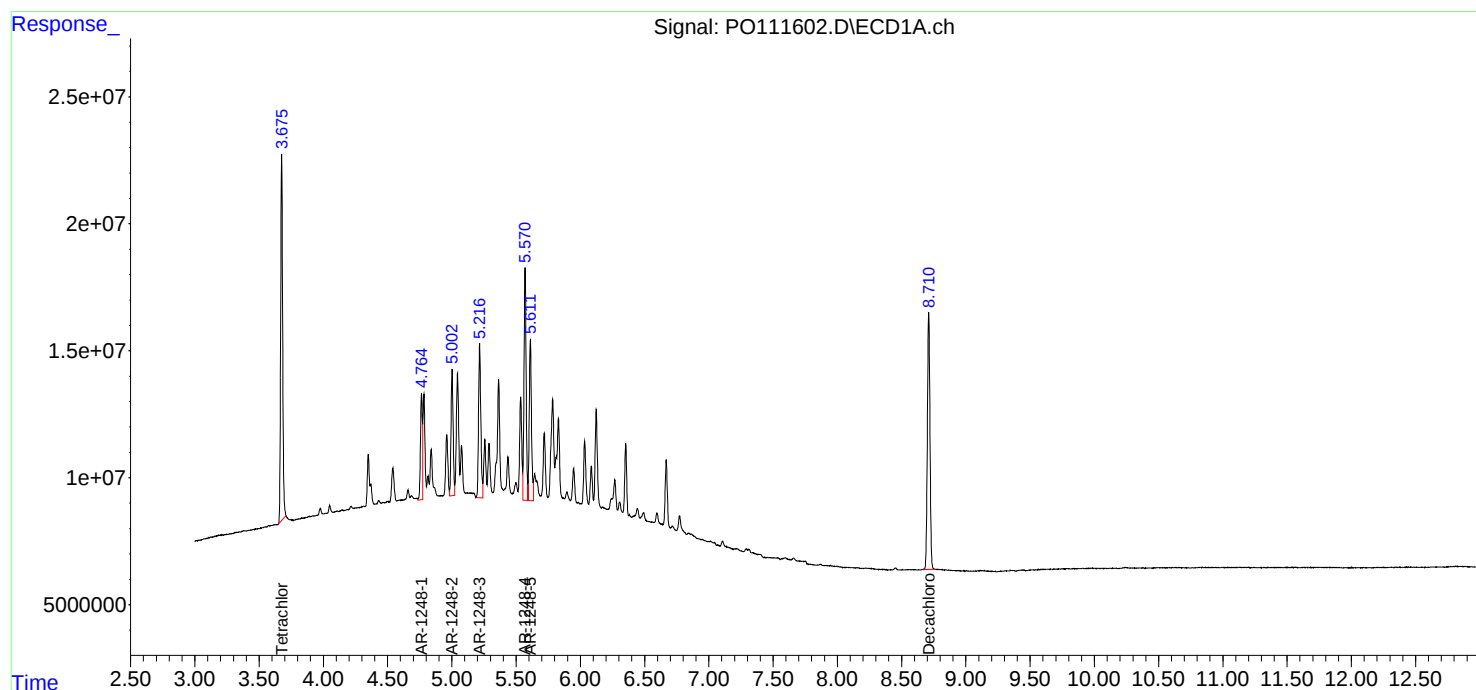
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:32
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 17:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 17:04:47 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 15:49
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 17:09:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 17:04:47 2025
 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...	3.676	3.673	32463861	28440125	5.359	5.044
2) SA Decachlor...	8.711	8.660	30018432	9963819	5.522	5.508
Target Compounds						
21) L5 AR-1248-1	4.763	4.750	8731897	7644548	54.269m	57.355
22) L5 AR-1248-2	5.002	4.986	12293416	9821644	58.448	55.130
23) L5 AR-1248-3	5.216	5.027	14064716	10662336	50.156m	56.284
24) L5 AR-1248-4	5.569	5.198	22085352	13584386	54.922m	59.496
25) L5 AR-1248-5	5.611	5.588	15052068	12146521	53.408m	55.778

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:49
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

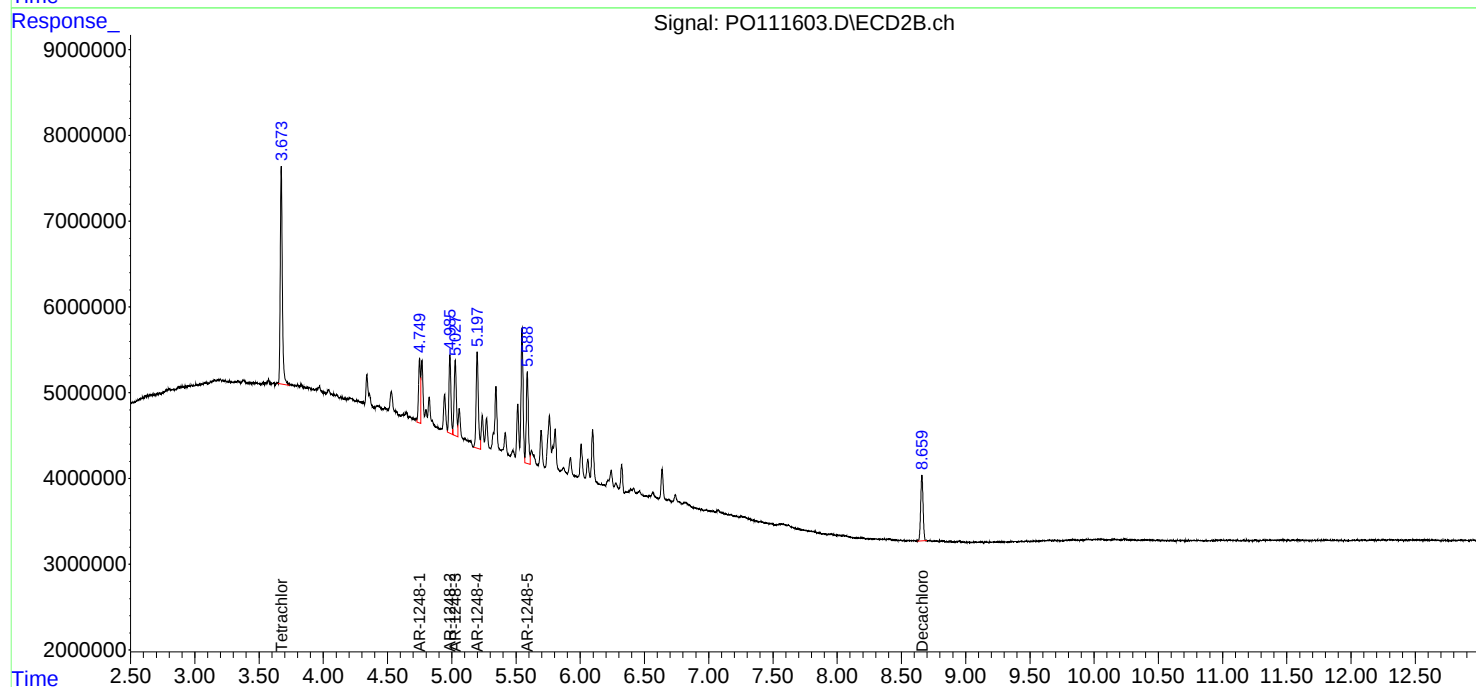
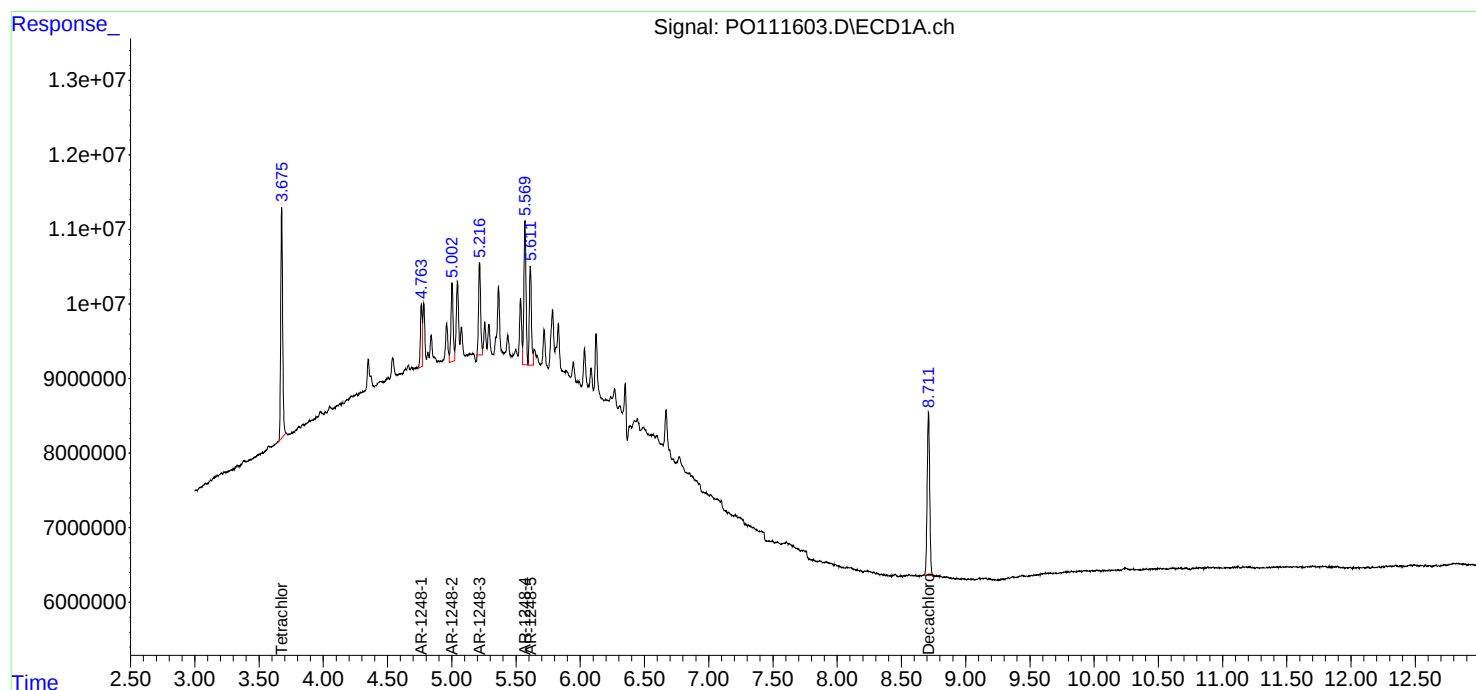
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 17:09:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 17:04:47 2025
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\P0061125\
 Data File : P0111604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 16:06
 Operator : YP/AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 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...	3.676	3.674	572.4E6	555.4E6	95.059	97.186
2) SA Decachlor...	8.712	8.661	500.9E6	168.1E6	92.701	92.748
Target Compounds						
26) L6 AR-1254-1	5.571	5.549	375.3E6	296.9E6	917.463	930.476
27) L6 AR-1254-2	5.720	5.697	334.6E6	255.5E6	915.415	926.192
28) L6 AR-1254-3	6.124	6.098	528.3E6	392.9E6	931.715	942.252
29) L6 AR-1254-4	6.353	6.325	330.8E6	214.6E6	927.406	929.731
30) L6 AR-1254-5	6.773	6.743	481.2E6	301.4E6	939.831	930.901

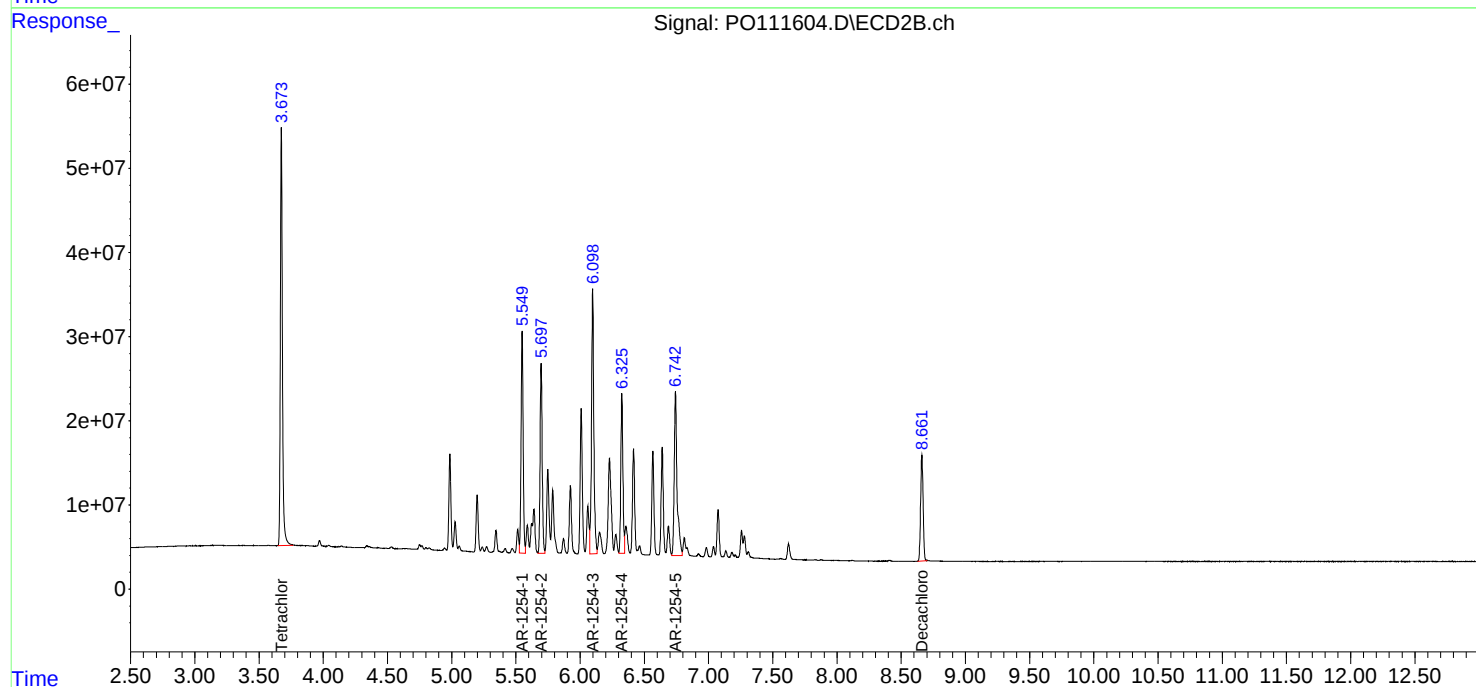
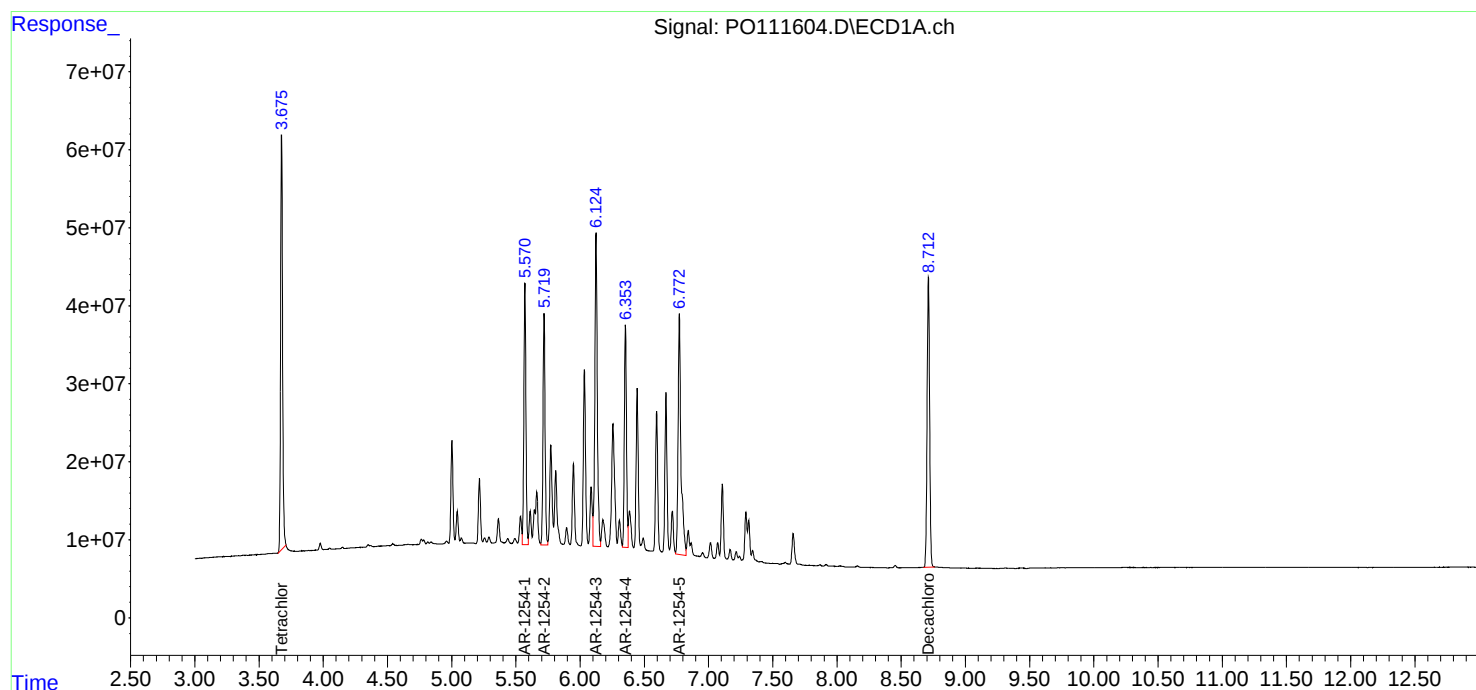
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:06
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 16:25
 Operator : YP/AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:33:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 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...	3.677	3.674	452.3E6	422.3E6	75.111m	73.899
2) SA Decachlor...	8.713	8.662	387.6E6	129.2E6	71.726	71.294
Target Compounds						
26) L6 AR-1254-1	5.572	5.550	292.8E6	227.9E6	715.883	714.287
27) L6 AR-1254-2	5.722	5.698	260.8E6	196.8E6	713.601	713.403
28) L6 AR-1254-3	6.126	6.099	406.3E6	300.2E6	716.678	719.918
29) L6 AR-1254-4	6.355	6.327	258.5E6	167.0E6	724.737	723.462
30) L6 AR-1254-5	6.775	6.744	368.9E6	231.0E6	720.516	713.515

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:25
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

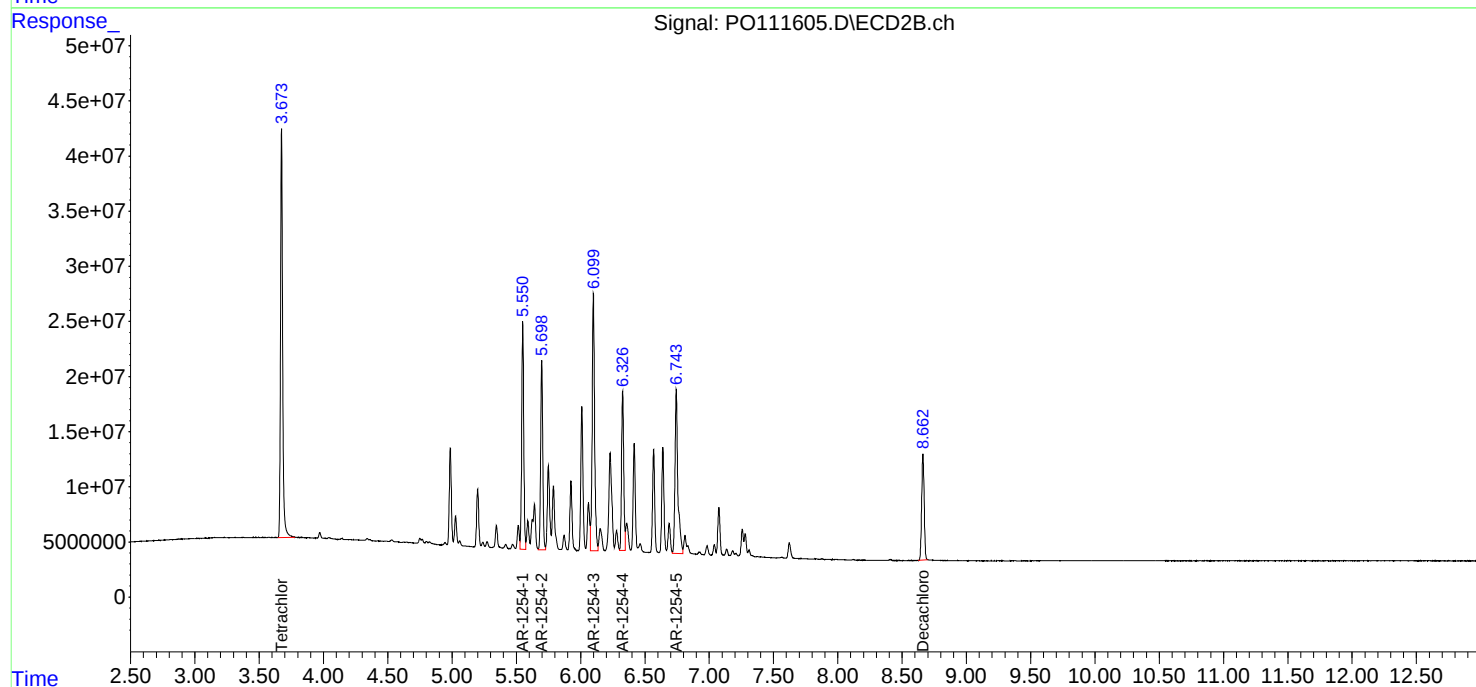
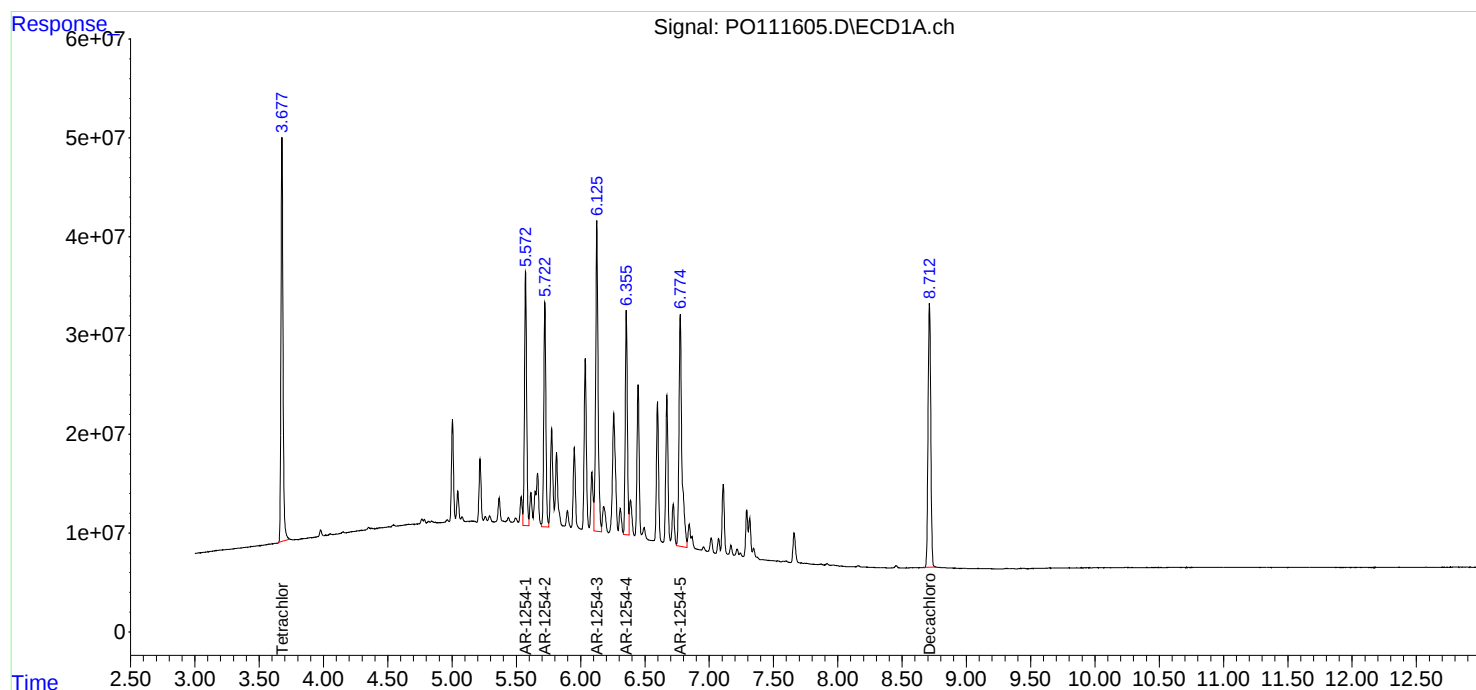
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 16:43
 Operator : YP/AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 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...	3.677	3.673	301.1E6	285.7E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	270.2E6	90639373	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.572	5.549	204.5E6	159.6E6	500.000	500.000
27) L6 AR-1254-2	5.722	5.697	182.7E6	137.9E6	500.000	500.000
28) L6 AR-1254-3	6.126	6.098	283.5E6	208.5E6	500.000	500.000
29) L6 AR-1254-4	6.356	6.325	178.4E6	115.4E6	500.000	500.000
30) L6 AR-1254-5	6.775	6.742	256.0E6	161.9E6	500.000	500.000

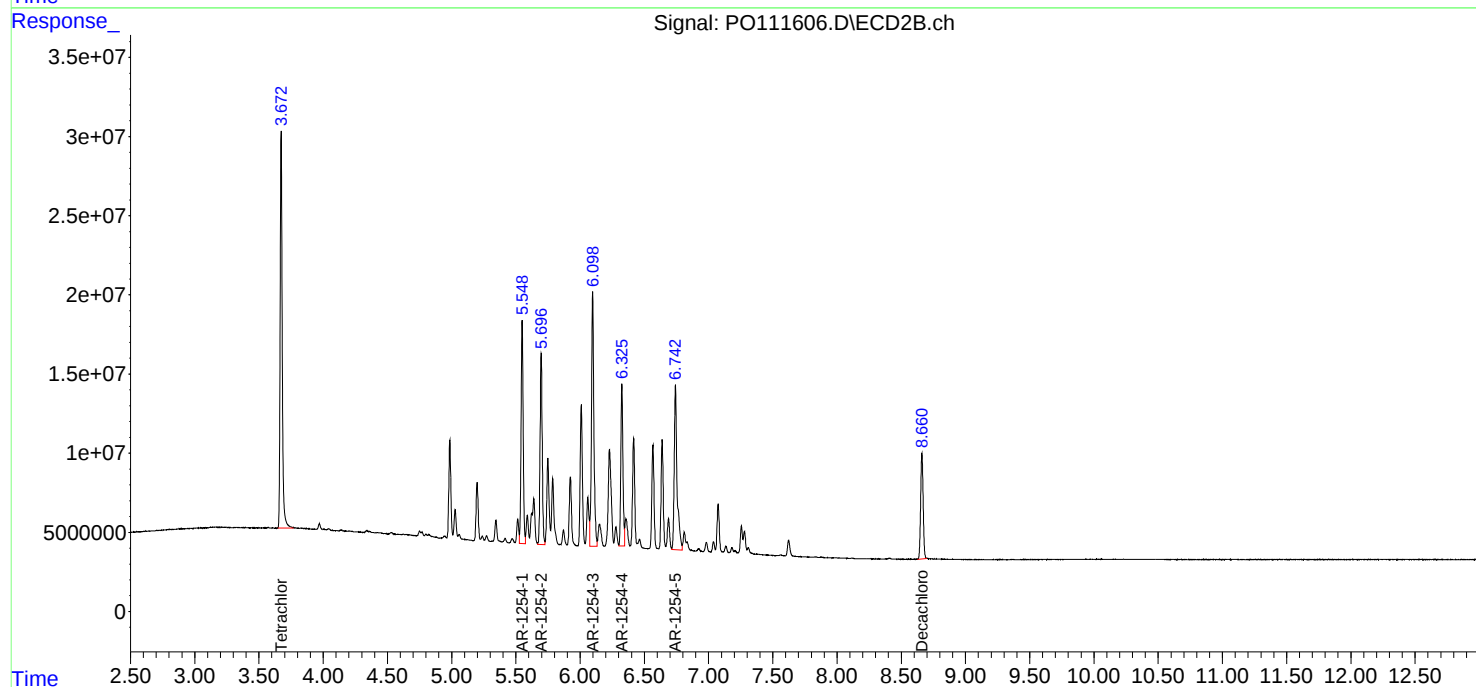
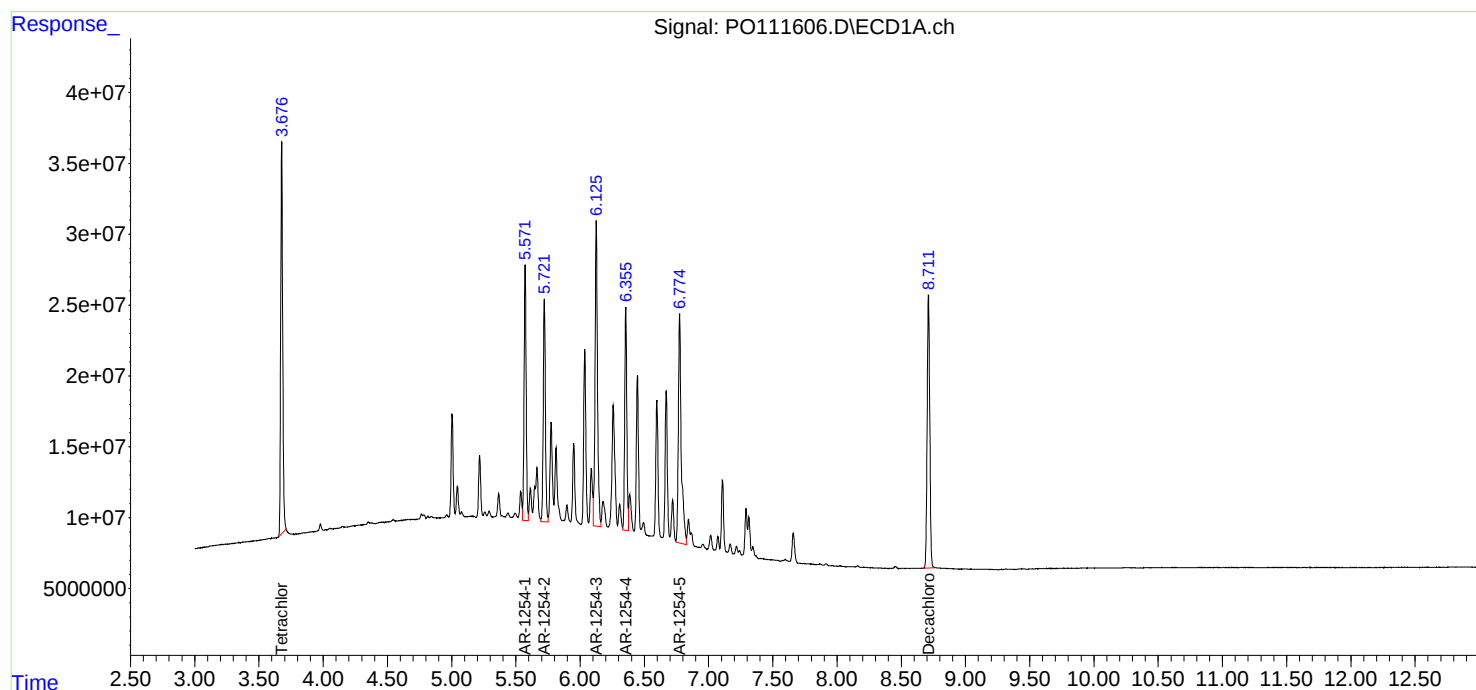
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:43
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:00
 Operator : YP/AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 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...	3.676	3.674	148.2E6	137.3E6	24.604	24.025
2) SA Decachlor...	8.712	8.661	134.5E6	44871339	24.893	24.753
Target Compounds						
26) L6 AR-1254-1	5.571	5.550	104.6E6	80140407	255.667	251.127
27) L6 AR-1254-2	5.720	5.697	93641034	69312951	256.223	251.306
28) L6 AR-1254-3	6.125	6.099	141.7E6	102.9E6	249.964	246.773
29) L6 AR-1254-4	6.354	6.327	88420478	57943475	247.881	250.992
30) L6 AR-1254-5	6.774	6.743	126.2E6	79955774	246.527	246.939

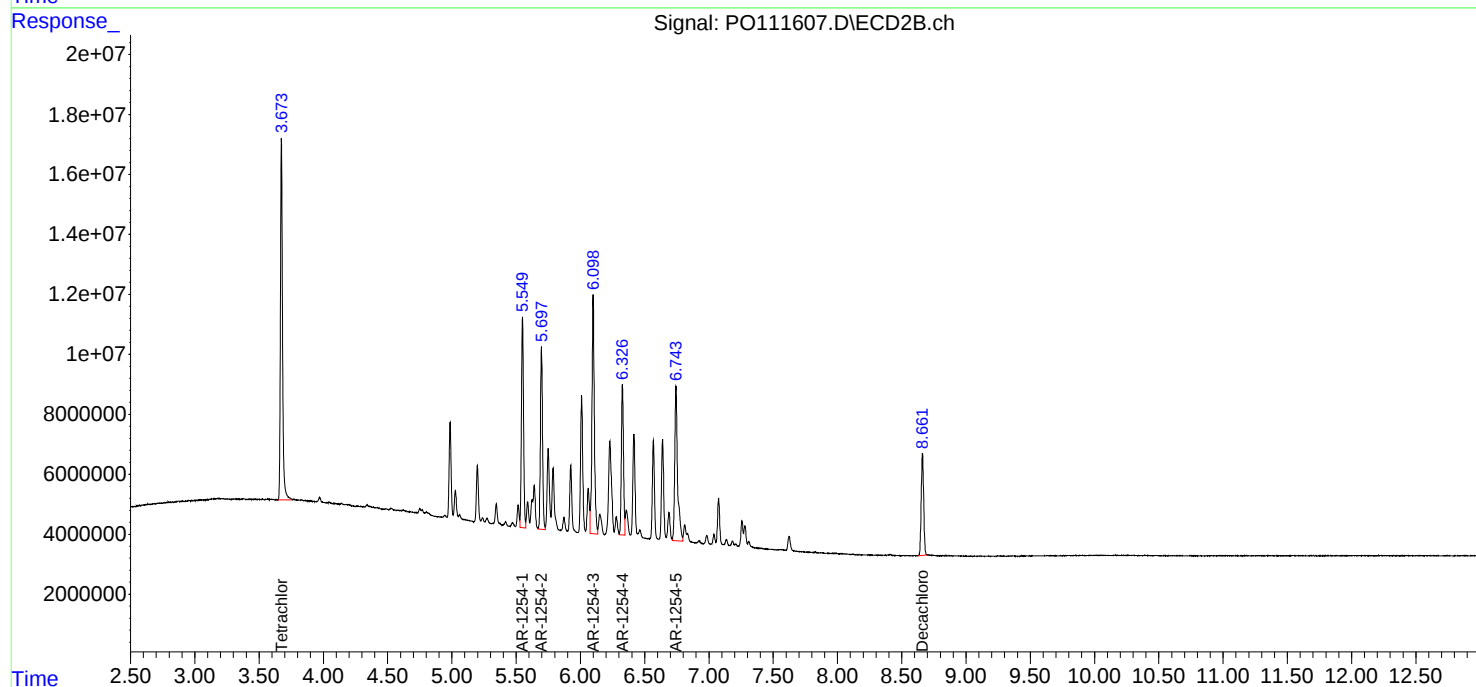
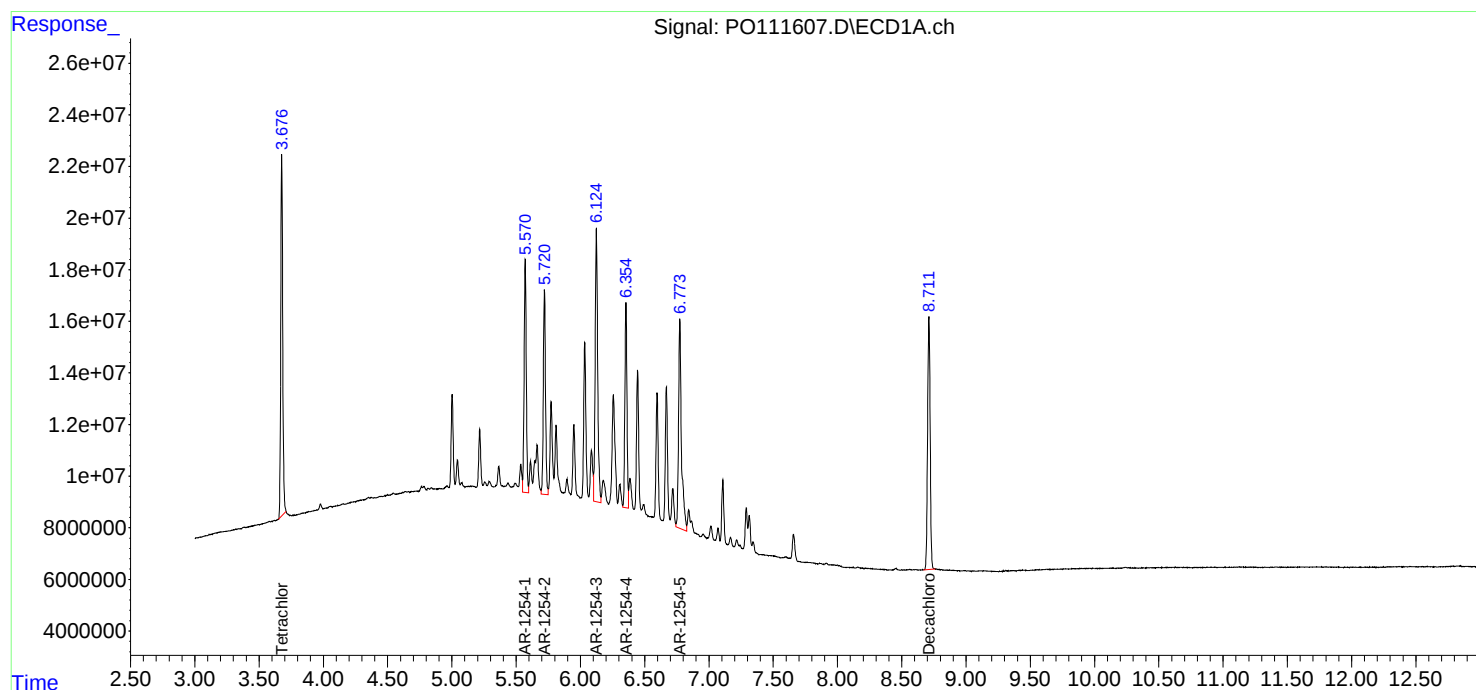
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:18
 Operator : YP/AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 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...	3.675	3.673	33268586	29021554	5.525	5.078
2) SA Decachlor...	8.711	8.661	30958063	10135764	5.729	5.591
Target Compounds						
26) L6 AR-1254-1	5.570	5.550	26611811	18724590	65.057	58.675
27) L6 AR-1254-2	5.719	5.697	23766283	16284924	65.030	59.044
28) L6 AR-1254-3	6.124	6.098	32638345	23686717	57.564	56.812
29) L6 AR-1254-4	6.352	6.326	17926220	11952540	50.255	51.774
30) L6 AR-1254-5	6.772	6.743	28538450	18744477	55.741	57.891

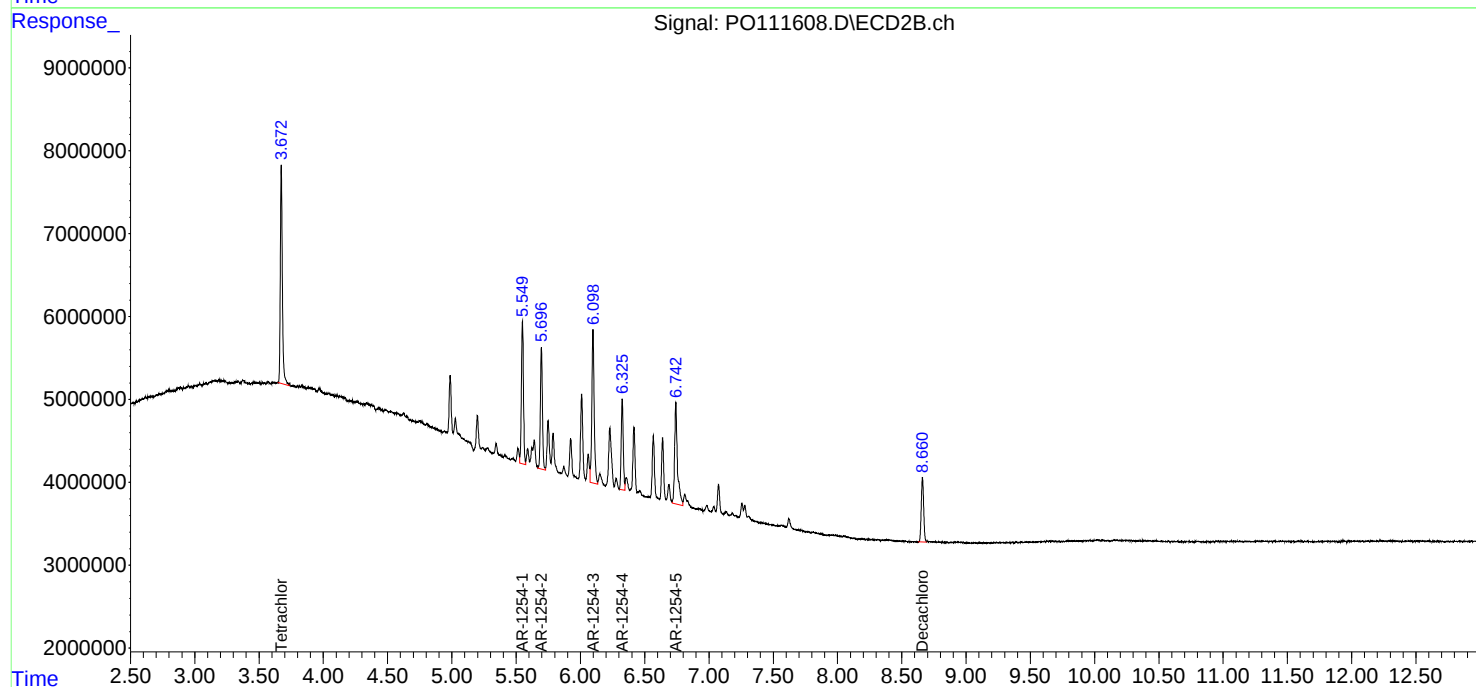
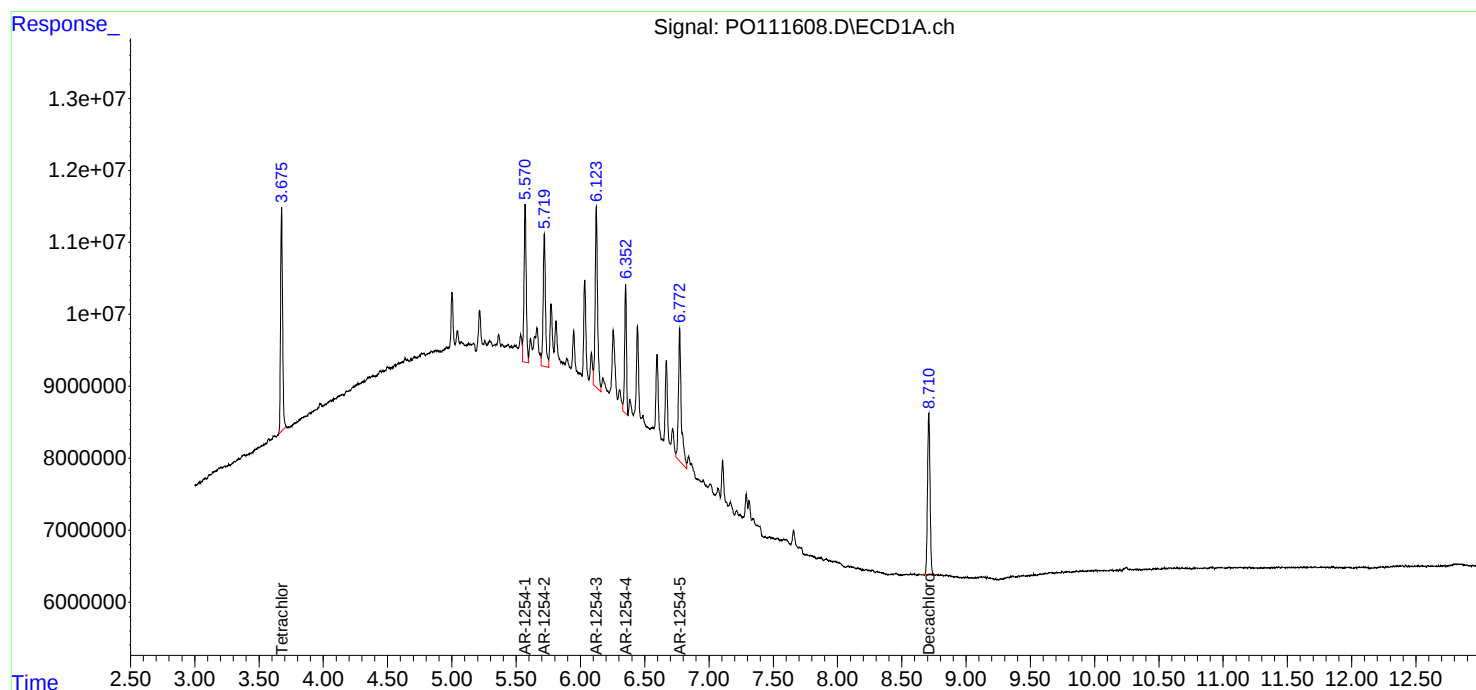
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\P0061125\
 Data File : P0111609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:36
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:47:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:42:57 2025
 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...	3.678	3.674	306.3E6	279.8E6	50.000	50.000
2) SA Decachlor...	8.713	8.663	265.9E6	88744221	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.815	6.782	304.9E6	168.8E6	500.000	500.000
37) L8 AR-1262-2	7.317	7.281	470.7E6	232.9E6	500.000	500.000
38) L8 AR-1262-3	7.601	7.564	198.3E6	83142550	500.000	500.000
39) L8 AR-1262-4	7.664	7.628	328.5E6	138.5E6	500.000	500.000
40) L8 AR-1262-5	8.161	8.120	152.3E6	50809689	500.000	500.000

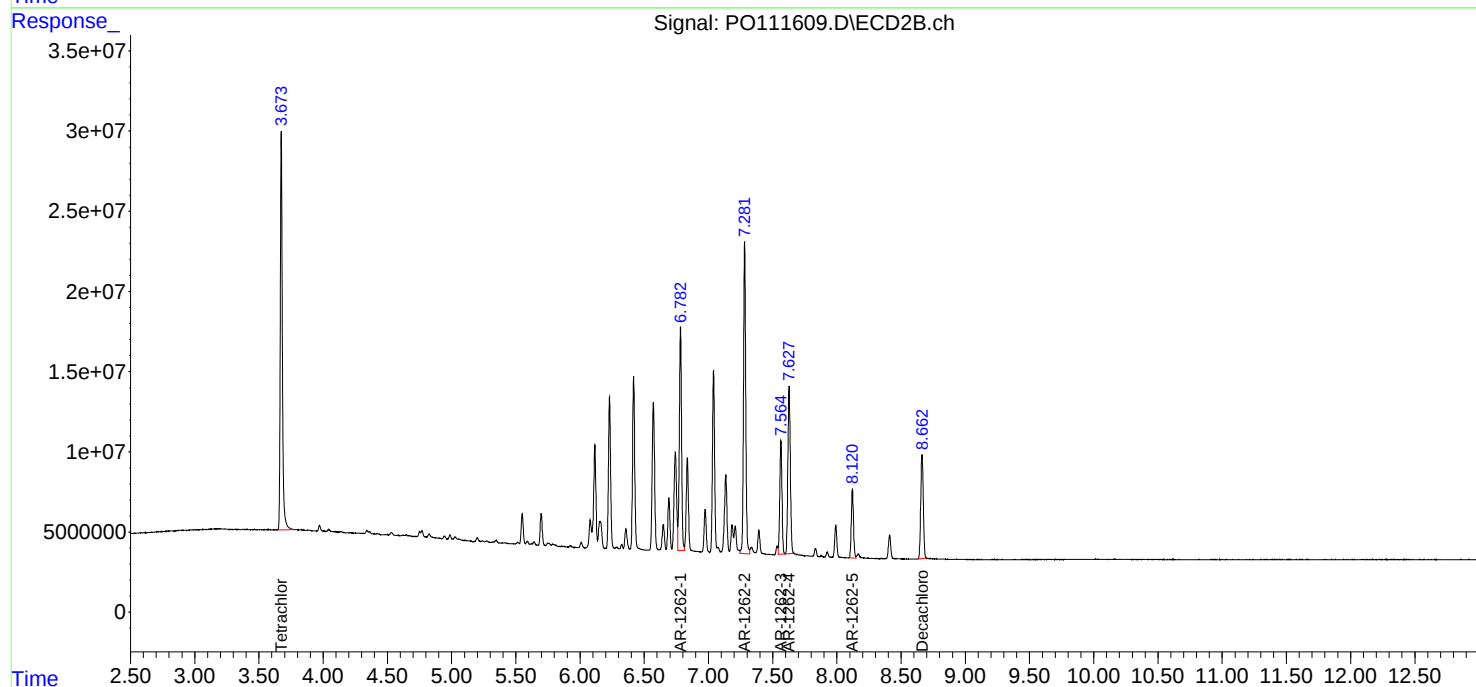
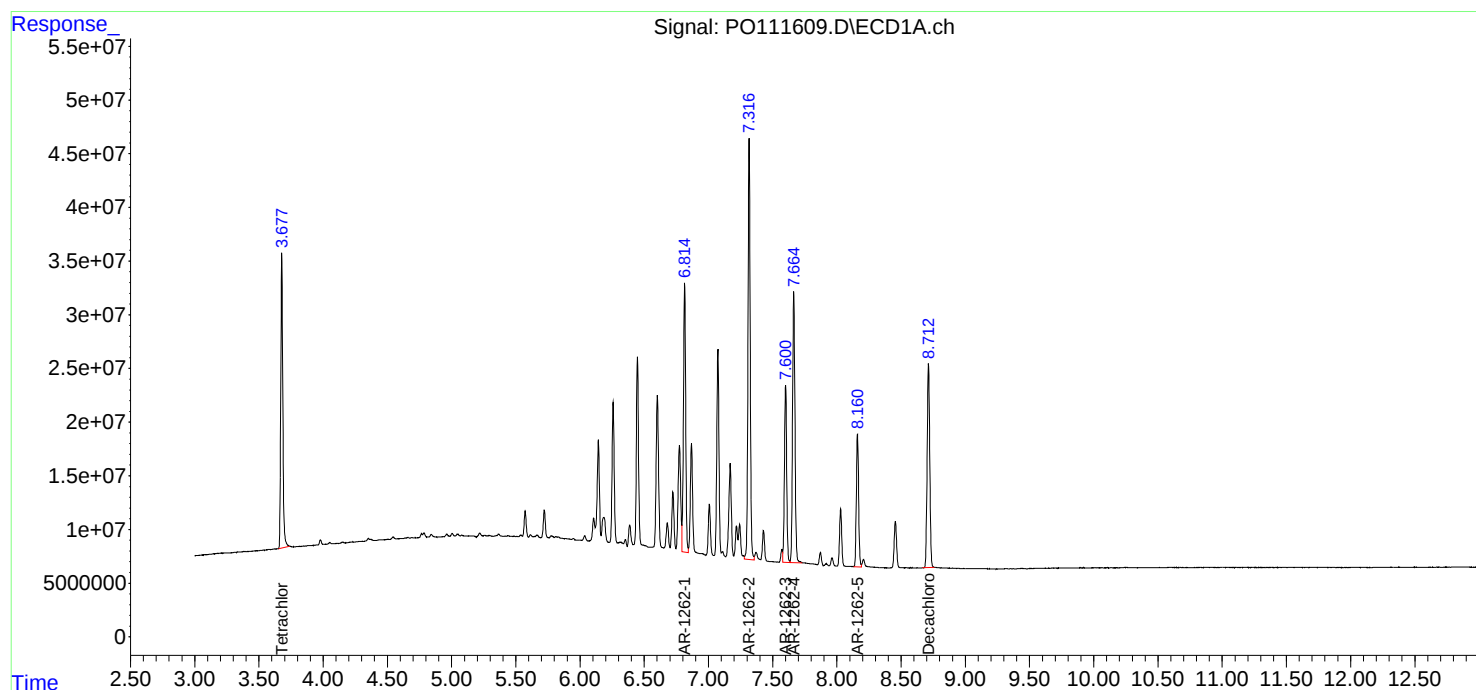
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:36
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:47:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:42:57 2025
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\P0061125\
 Data File : P0111610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:55
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.678	3.674	594.4E6	555.7E6	94.817	97.557
2) SA Decachlor...	8.713	8.662	882.0E6	294.4E6	94.438	95.085
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	1033.9E6	439.2E6	942.617	959.115m
42) L9 AR-1268-2	7.666	7.629	906.0E6	386.0E6	949.415	965.208
43) L9 AR-1268-3	7.871	7.834	760.3E6	289.6E6	950.113	950.928
44) L9 AR-1268-4	8.161	8.120	324.7E6	108.4E6	941.712	959.983
45) L9 AR-1268-5	8.456	8.411	2115.2E6	686.4E6	967.063	971.678

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:55
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

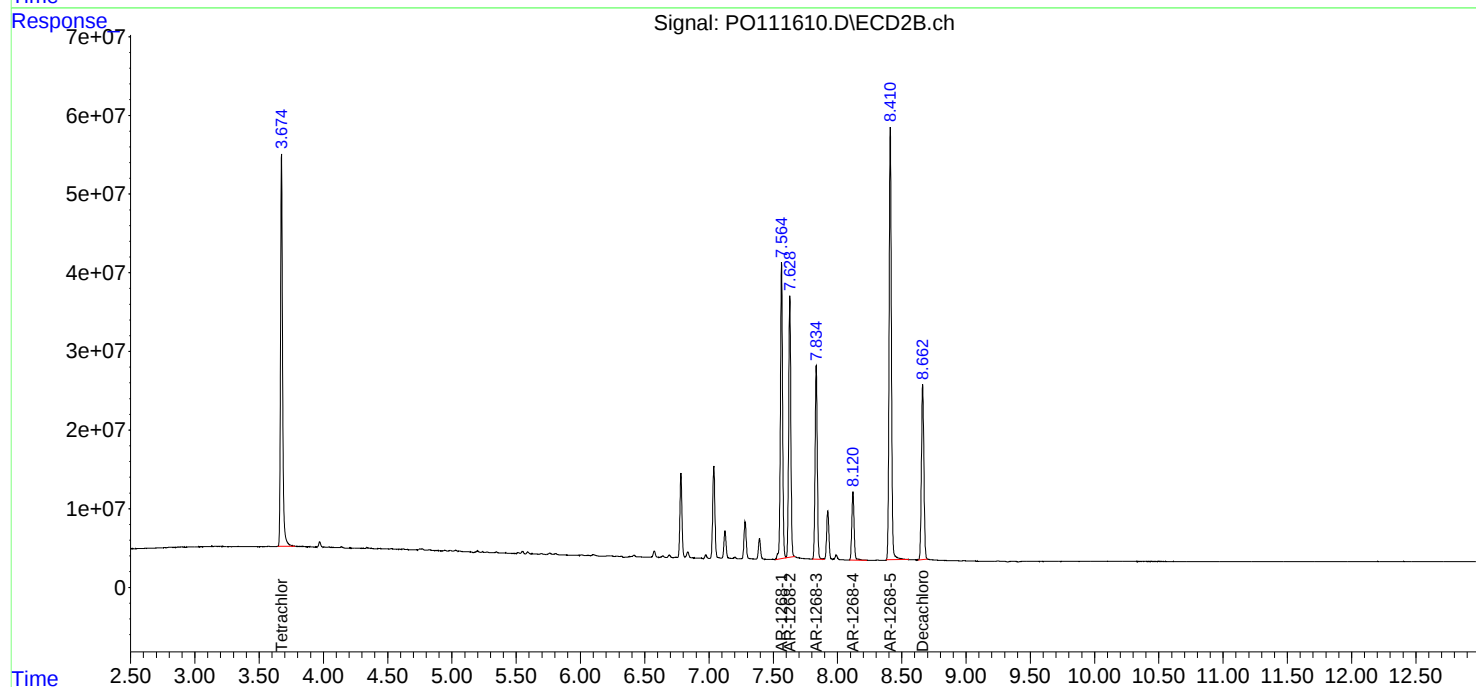
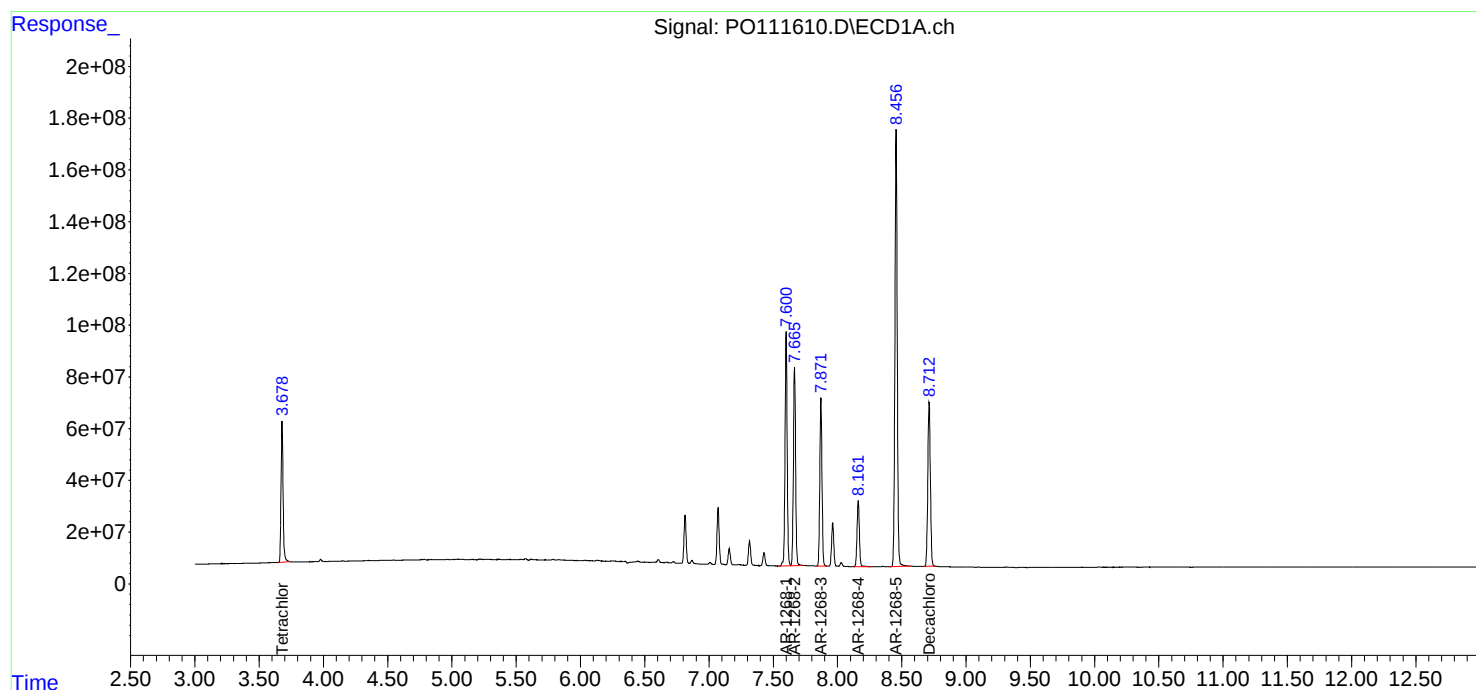
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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\P0061125\
 Data File : P0111611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 18:13
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.678	3.674	455.9E6	422.3E6	72.724	74.142
2) SA Decachlor...	8.714	8.662	675.4E6	224.8E6	72.317	72.615
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	793.7E6	333.1E6	723.633	727.520
42) L9 AR-1268-2	7.665	7.629	689.0E6	292.9E6	722.004	732.523
43) L9 AR-1268-3	7.872	7.834	582.6E6	221.2E6	728.087	726.286
44) L9 AR-1268-4	8.160	8.120	245.1E6	81834207	710.765	725.030
45) L9 AR-1268-5	8.456	8.411	1601.8E6	521.1E6	732.335	737.736

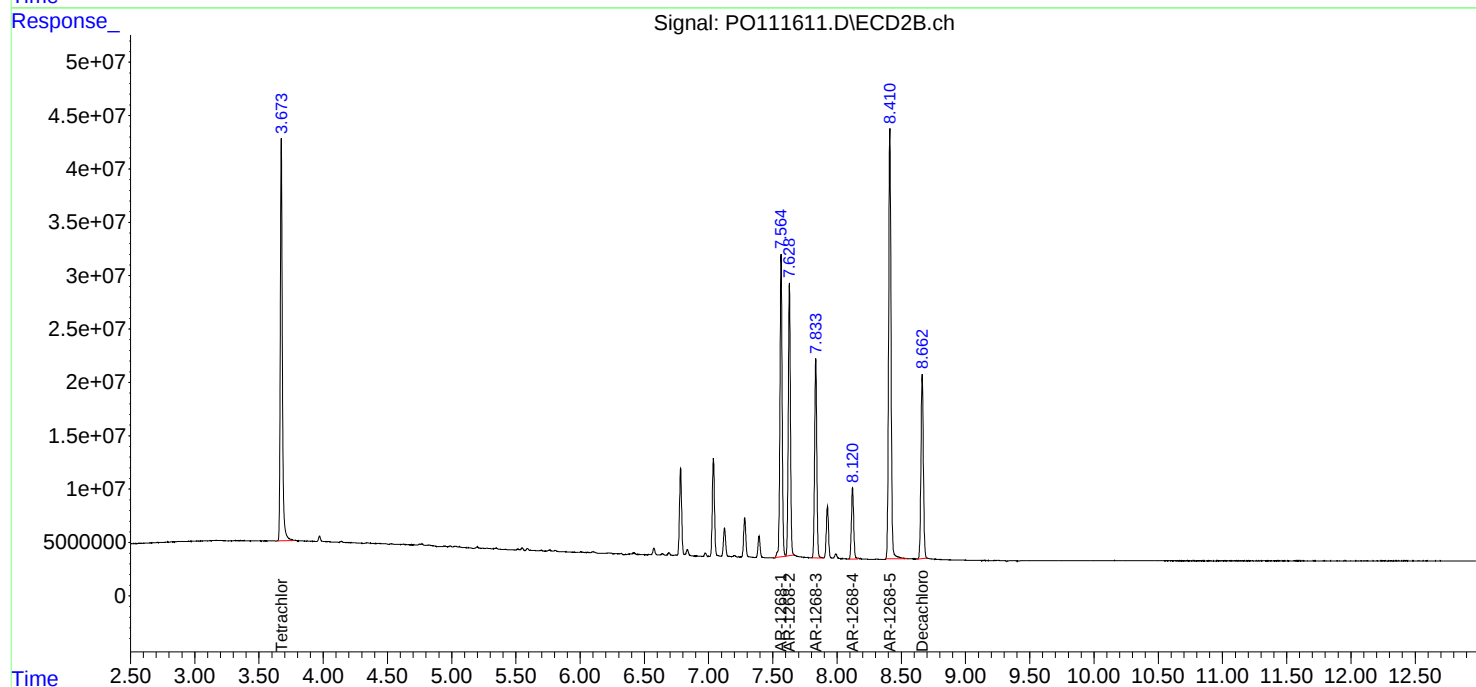
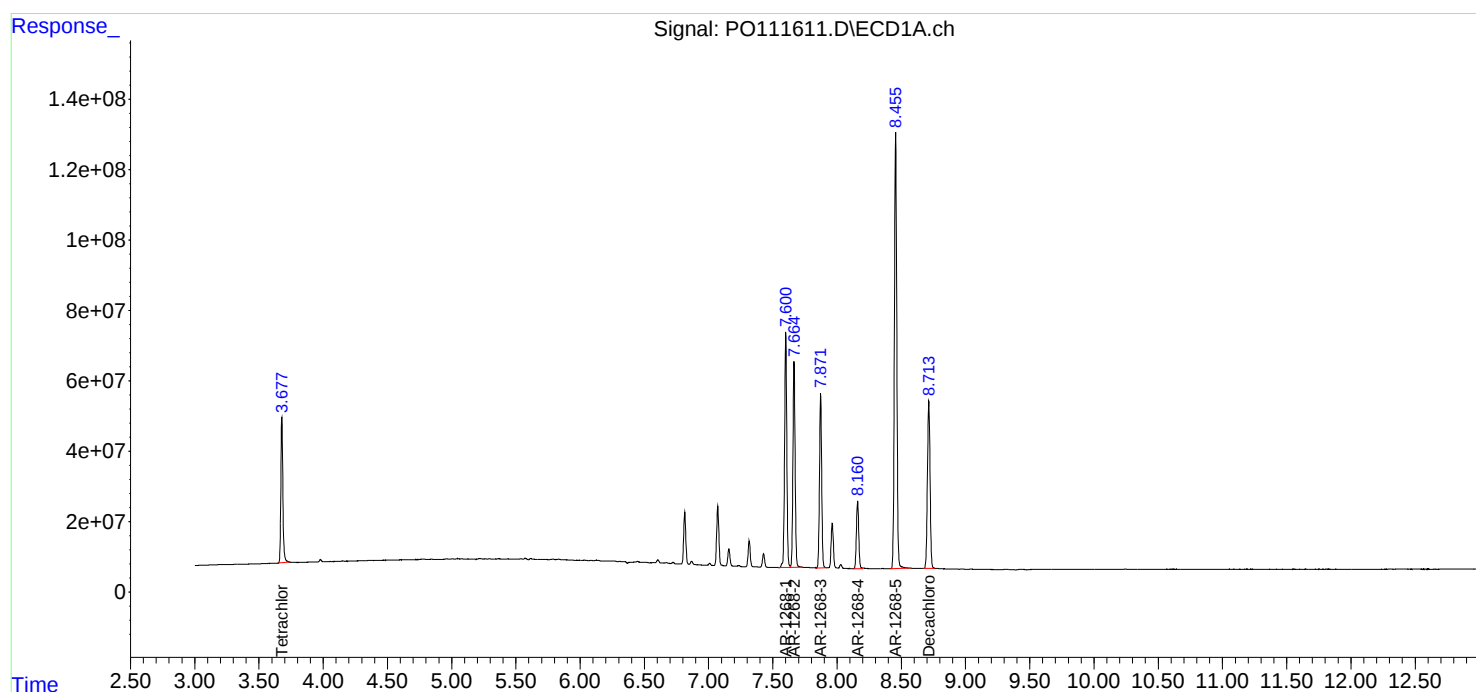
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 18:13
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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\P0061125\
 Data File : P0111612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 18:31
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.678	3.674	313.5E6	284.8E6	50.000	50.000
2) SA Decachlor...	8.714	8.663	467.0E6	154.8E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	548.4E6	229.0E6	500.000	500.000
42) L9 AR-1268-2	7.665	7.629	477.2E6	200.0E6	500.000	500.000
43) L9 AR-1268-3	7.872	7.834	400.1E6	152.3E6	500.000	500.000
44) L9 AR-1268-4	8.161	8.121	172.4E6	56435057	500.000	500.000
45) L9 AR-1268-5	8.455	8.411	1093.6E6	353.2E6	500.000	500.000

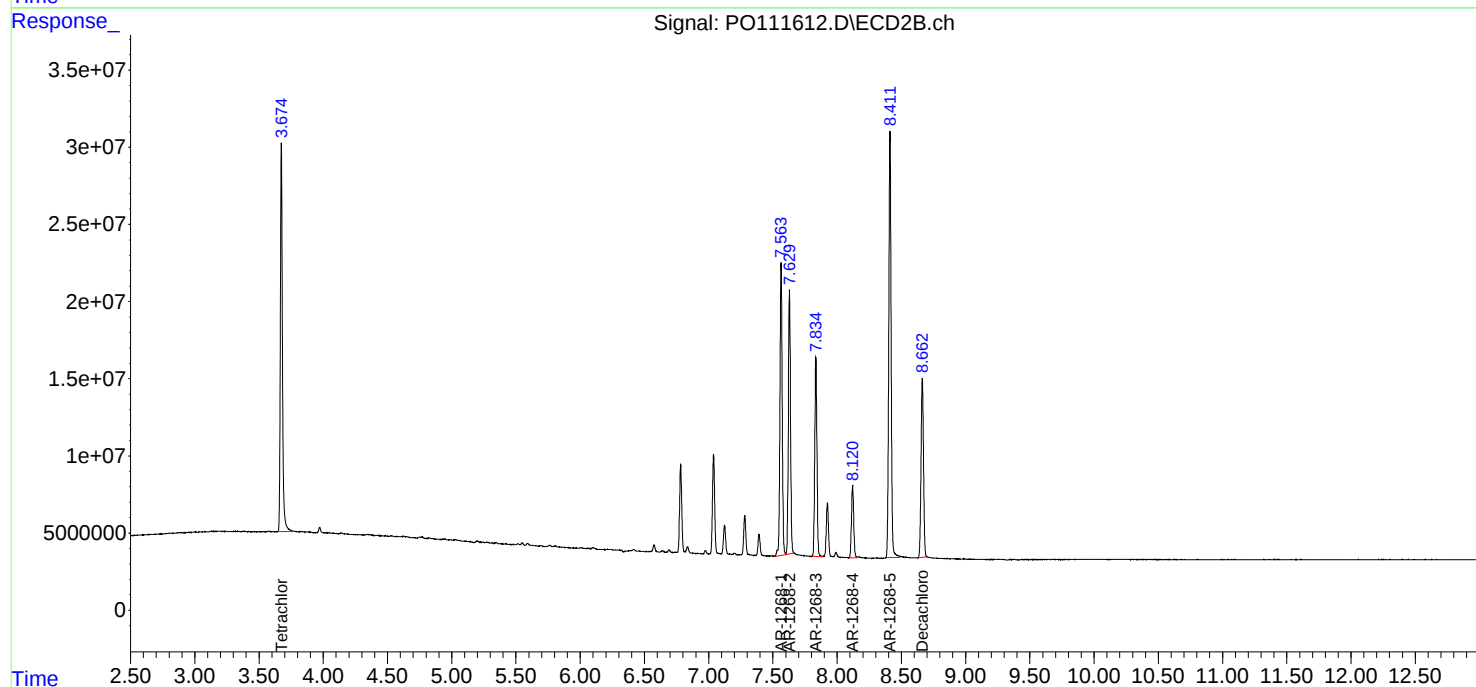
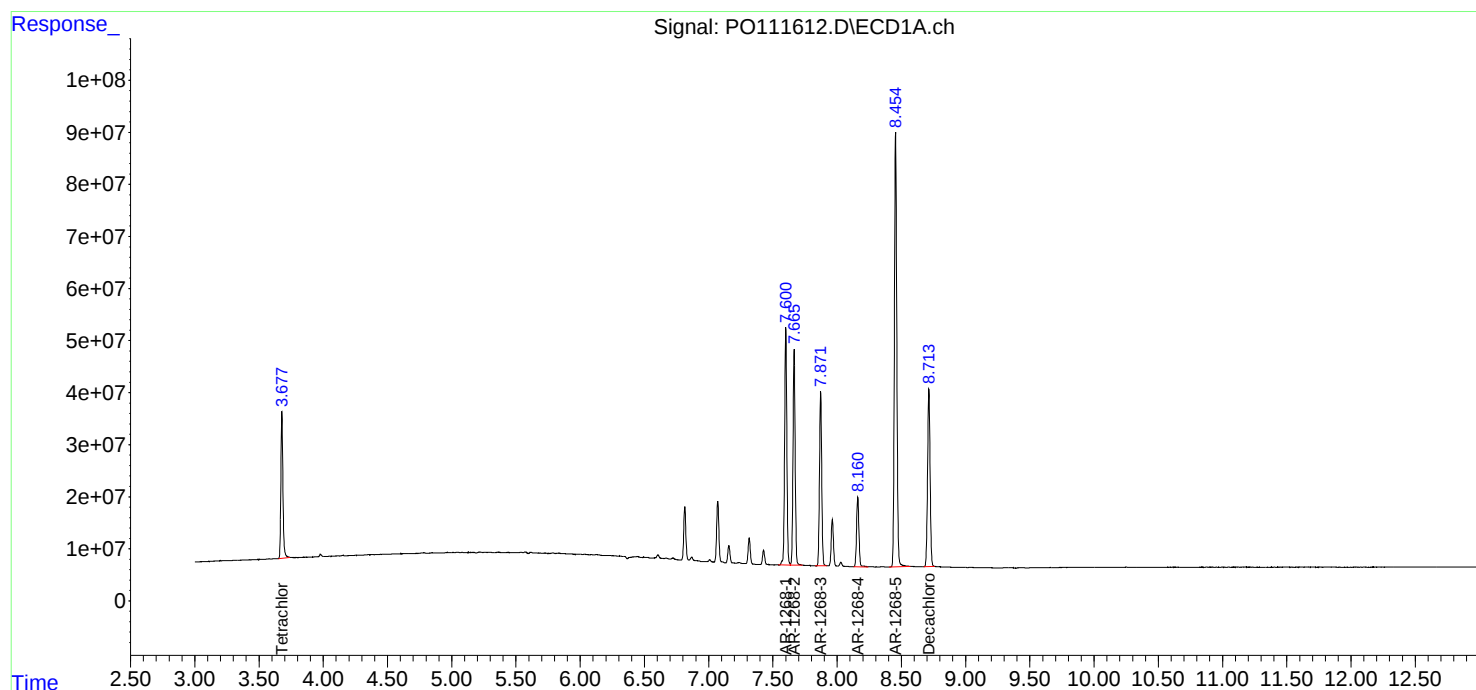
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111613.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 18:50
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.678	3.674	163.0E6	145.2E6	26.003	25.485
2) SA Decachlor...	8.713	8.663	247.2E6	81962535	26.465	26.471
Target Compounds						
41) L9 AR-1268-1	7.600	7.563	288.8E6	121.2E6	263.299	264.598m
42) L9 AR-1268-2	7.666	7.628	247.3E6	105.6E6	259.148	264.128
43) L9 AR-1268-3	7.872	7.833	210.9E6	81168400	263.556	266.540
44) L9 AR-1268-4	8.161	8.119	89176833	29806035	258.652	264.074m
45) L9 AR-1268-5	8.456	8.410	563.6E6	183.9E6	257.688	260.275

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 18:50
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

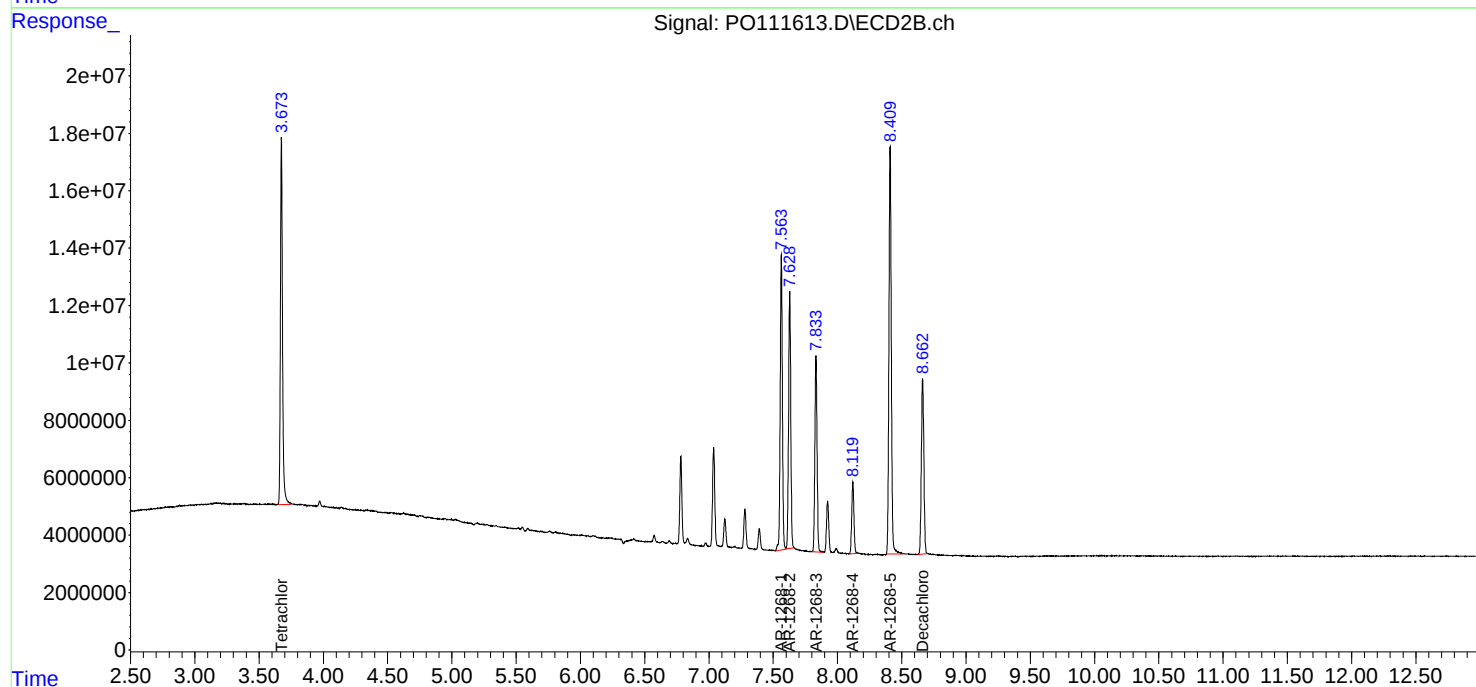
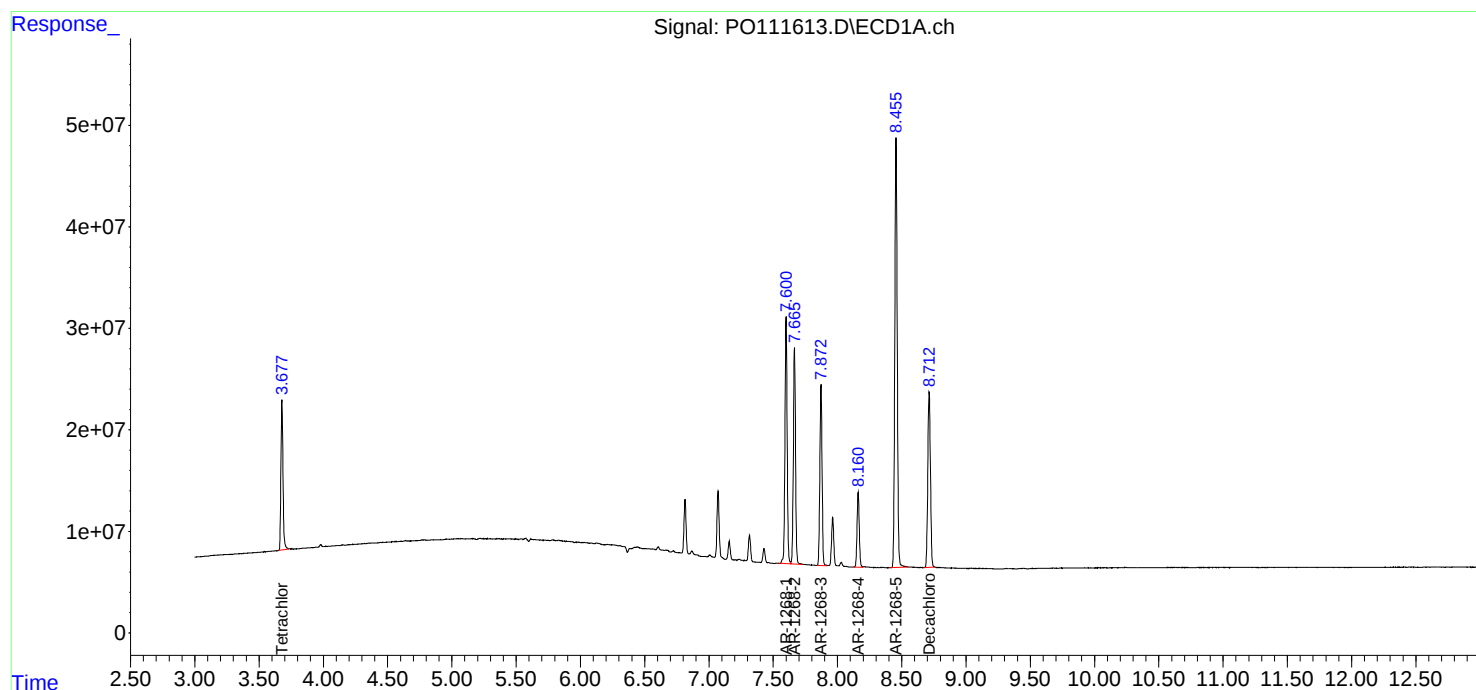
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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\P0061125\
 Data File : P0111614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 19:07
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.676	3.673	33978396	28591895	5.420	5.019
2) SA Decachlor...	8.711	8.662	53020278	17366893	5.677	5.609
Target Compounds						
41) L9 AR-1268-1	7.599	7.563	64431354	28304378	58.742	61.812
42) L9 AR-1268-2	7.664	7.628	55894407	24176130	58.570	60.455
43) L9 AR-1268-3	7.870	7.833	45853850	18553952	57.300	60.927
44) L9 AR-1268-4	8.159	8.120	18350605	6436315	53.225	57.024
45) L9 AR-1268-5	8.454	8.410	120.5E6	40005648	55.081	56.632

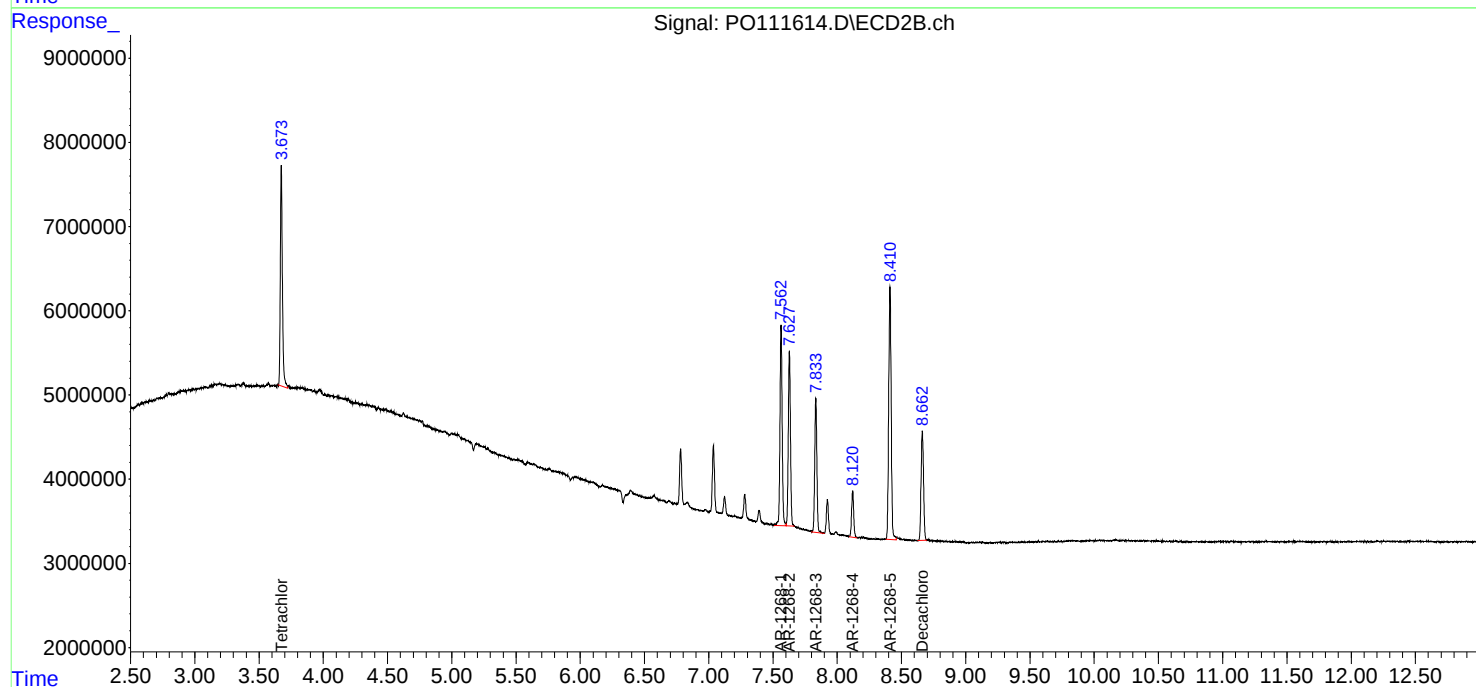
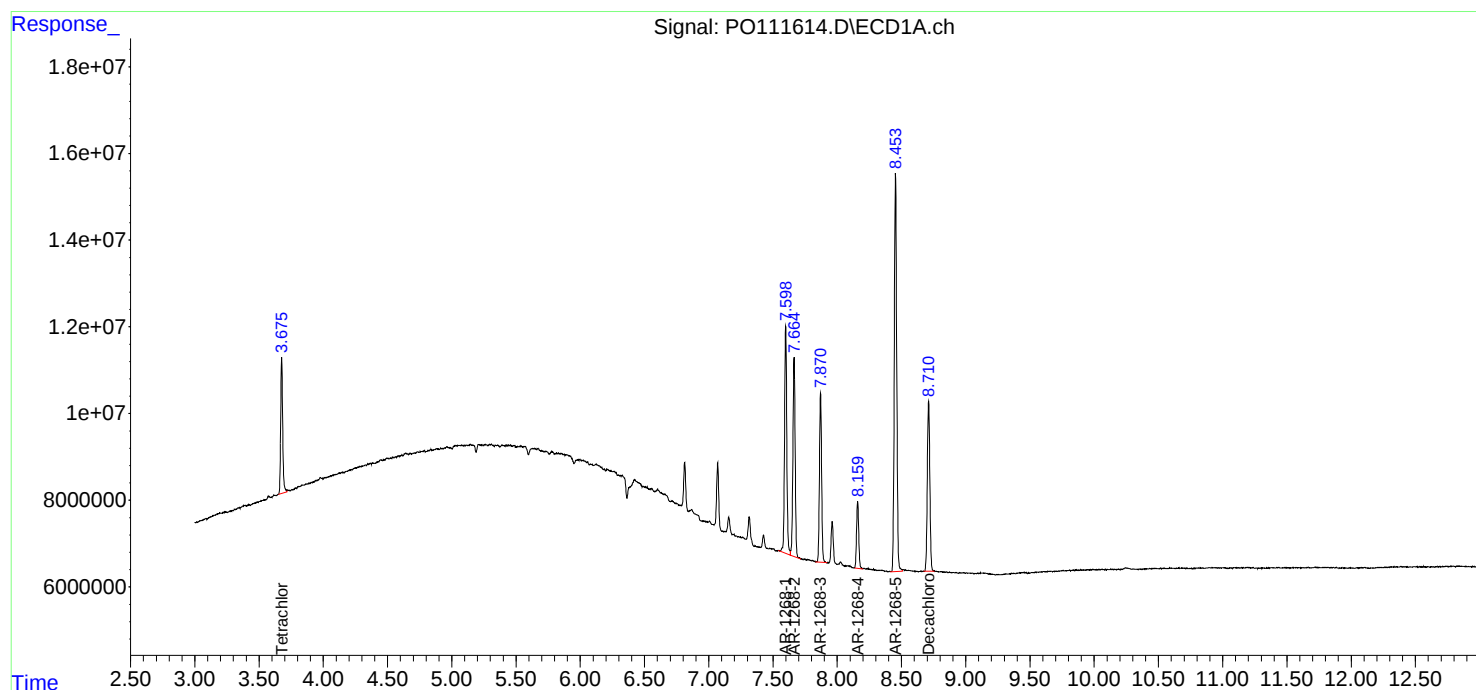
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 19:07
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 19:25
 Operator : YP/AJ
 Sample : P0061125ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:32:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.678	3.674	312.8E6	284.5E6	54.313	50.649
2) SA Decachlor...	8.714	8.663	262.1E6	87482159	49.936	49.212
Target Compounds						
3) L1 AR-1016-1	4.767	4.751	120.8E6	96122372	506.366	488.508
4) L1 AR-1016-2	4.785	4.769	171.7E6	140.6E6	516.057	493.691
5) L1 AR-1016-3	4.842	4.945	119.3E6	74902189	518.404	498.552
6) L1 AR-1016-4	4.962	4.987	94987891	60498359	512.167	496.754
7) L1 AR-1016-5	5.219	5.199	98032616	79010871	525.240	496.304
31) L7 AR-1260-1	6.258	6.230	174.2E6	124.2E6	490.145	494.961
32) L7 AR-1260-2	6.448	6.417	235.7E6	144.3E6	498.933	490.854
33) L7 AR-1260-3	6.814	6.570	213.4E6	130.1E6	502.477	487.032
34) L7 AR-1260-4	7.074	7.040	158.0E6	93232919	502.582	490.451
35) L7 AR-1260-5	7.316	7.281	408.9E6	206.3E6	496.383	485.361

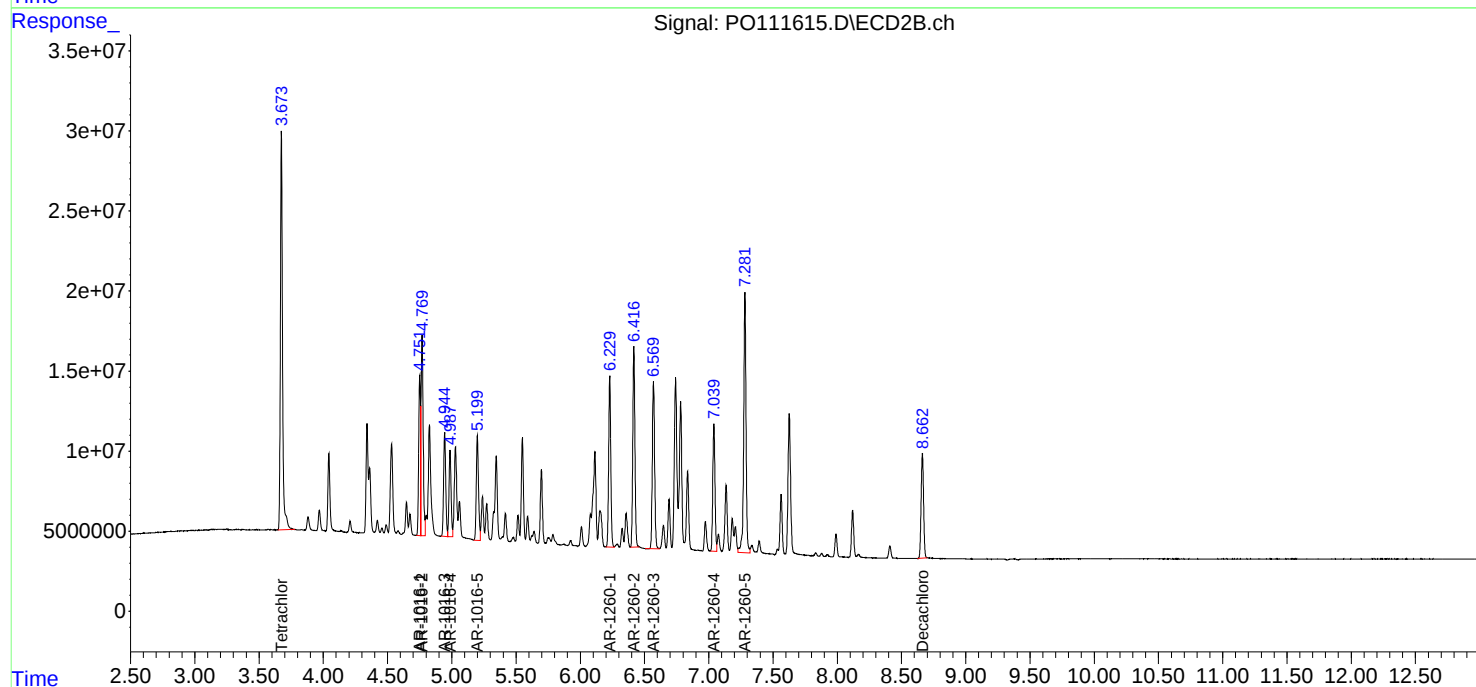
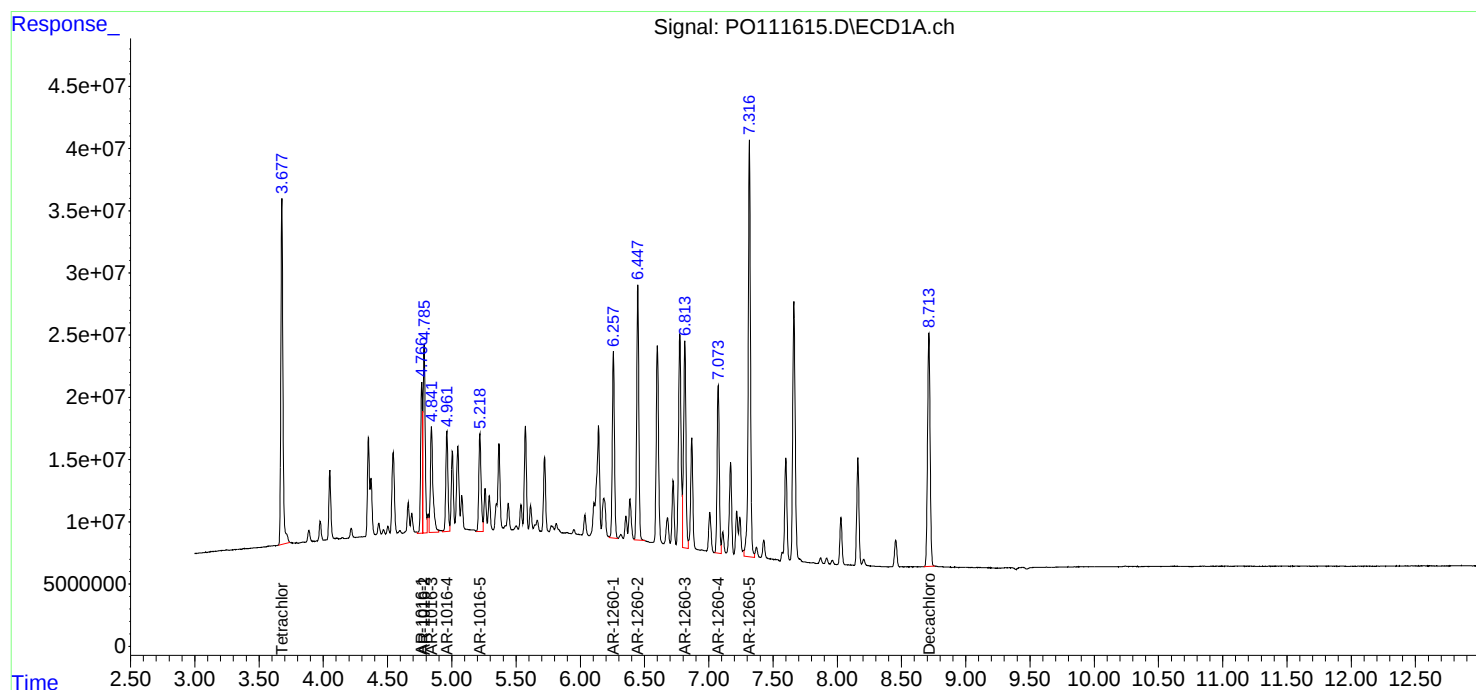
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 19:25
Operator : YP/AJ
Sample : PO061125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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\P0061125\
 Data File : P0111616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 20:02
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.678	3.674	317.8E6	290.0E6	55.185	51.631
2) SA Decachlor...	8.714	8.662	265.8E6	87982650	50.639	49.493
Target Compounds						
16) L4 AR-1242-1	4.767	4.751	103.3E6	83976174	512.987	515.952
17) L4 AR-1242-2	4.785	4.770	152.5E6	122.9E6	541.110	520.666
18) L4 AR-1242-3	4.842	4.945	104.8E6	65447268	527.329	521.121
19) L4 AR-1242-4	4.962	5.029	83763653	64008885	529.489	522.271
20) L4 AR-1242-5	5.615	5.549	88172283	78363974	527.295	522.812

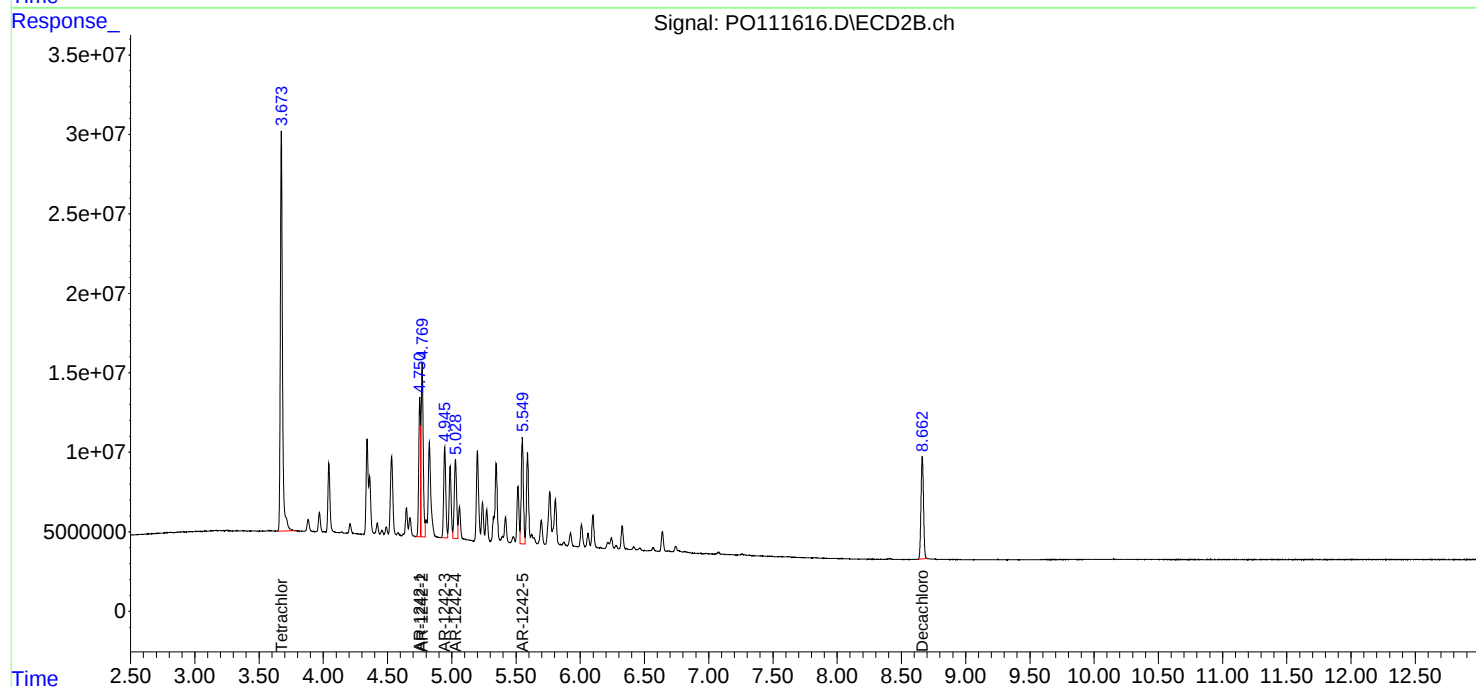
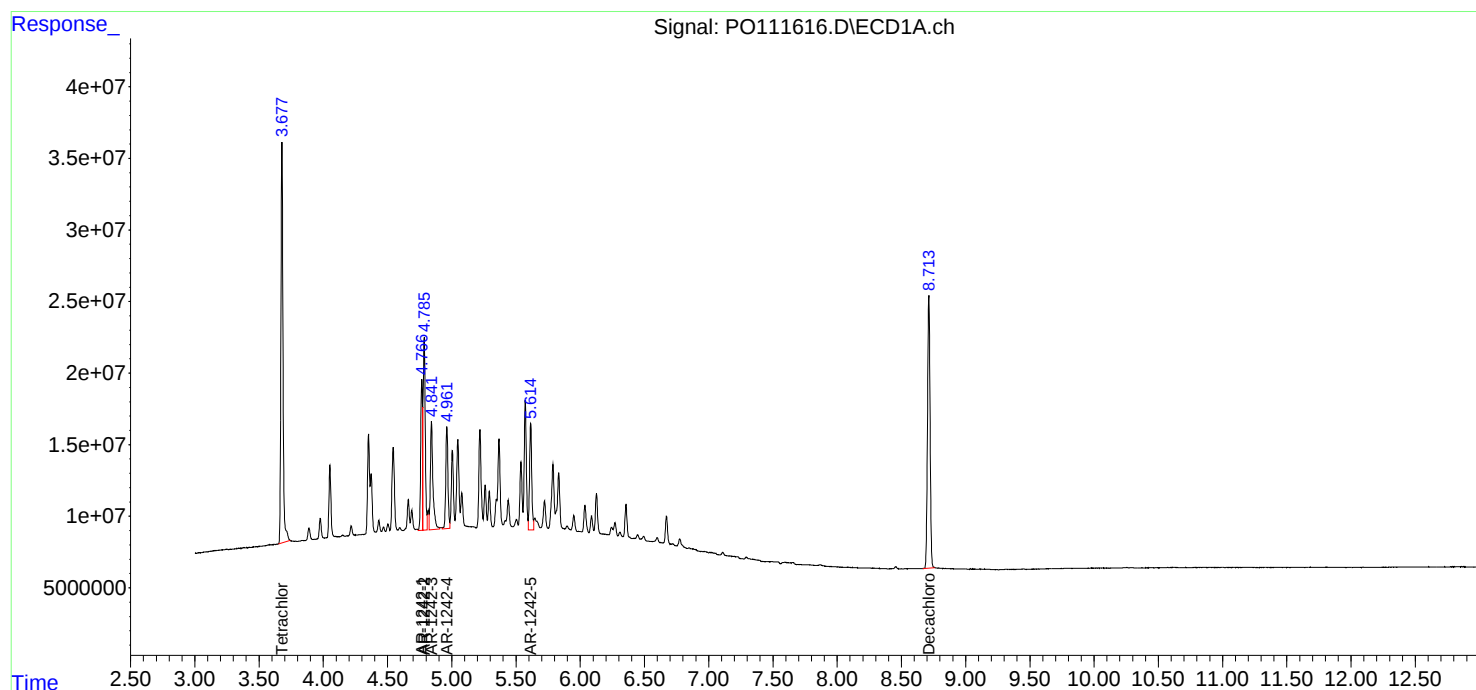
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:02
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P011617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 20:39
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:33:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.678	3.673	308.6E6	278.4E6	53.581	49.556
2) SA Decachlor...	8.714	8.662	263.4E6	87190525	50.183	49.048
Target Compounds						
21) L5 AR-1248-1	4.766	4.751	78506668	63861888	486.816	479.140
22) L5 AR-1248-2	5.005	4.987	105.2E6	86852556	487.818	487.510
23) L5 AR-1248-3	5.219	5.029	133.1E6	91125563	493.349	481.031
24) L5 AR-1248-4	5.573	5.199	195.1E6	107.8E6	488.041	472.328
25) L5 AR-1248-5	5.614	5.590	137.6E6	104.3E6	490.112	479.030

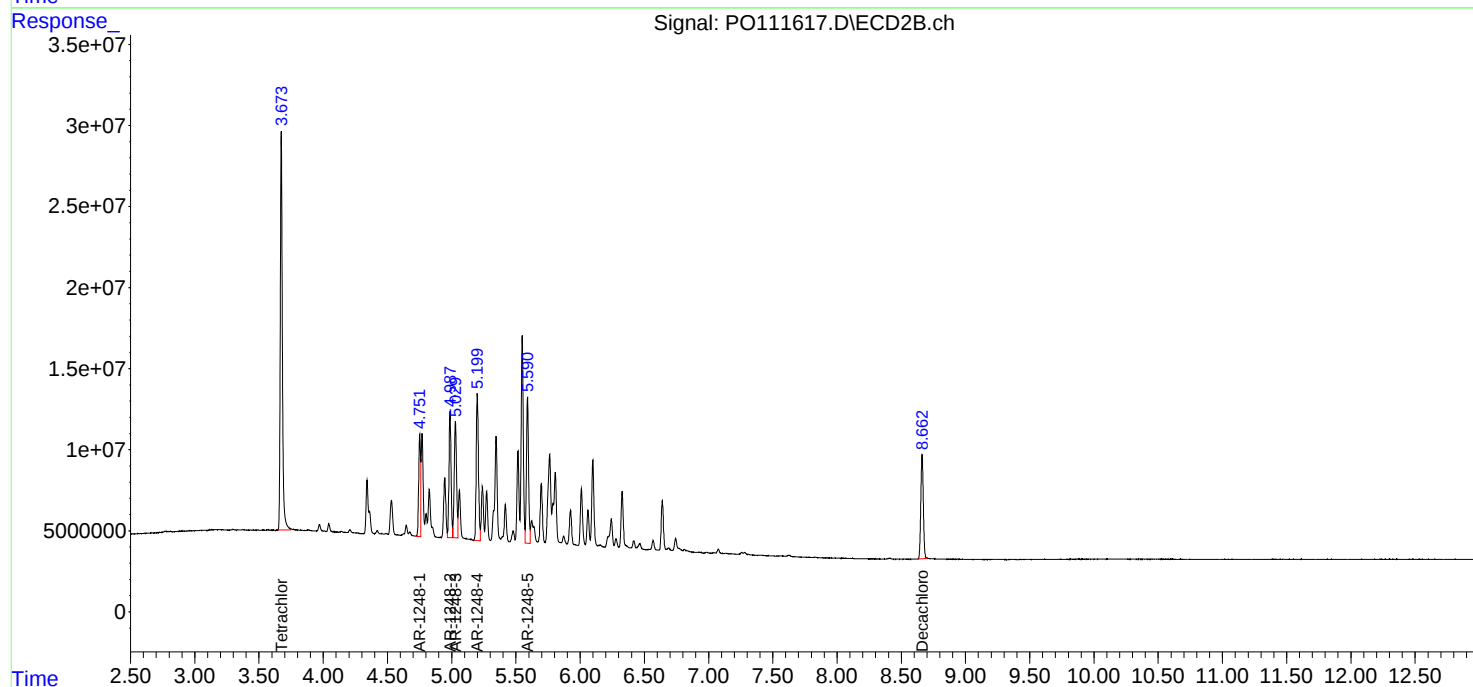
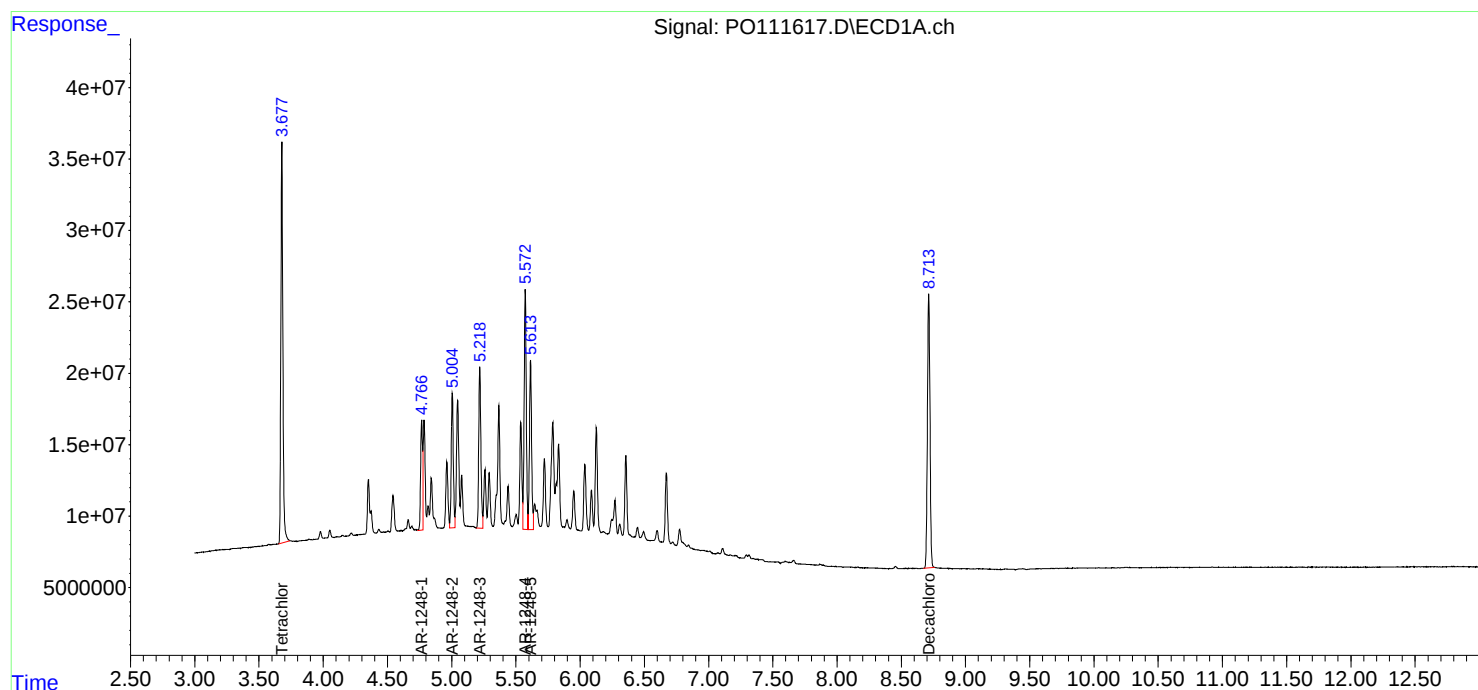
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:39
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 21:16
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:33:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.678	3.673	310.9E6	282.8E6	53.980	50.337
2) SA Decachlor...	8.713	8.661	267.7E6	88227844	50.997	49.631
Target Compounds						
26) L6 AR-1254-1	5.573	5.549	203.9E6	157.1E6	479.600	486.274
27) L6 AR-1254-2	5.722	5.697	181.7E6	135.5E6	478.697	485.096
28) L6 AR-1254-3	6.126	6.099	283.0E6	205.3E6	495.320	489.875
29) L6 AR-1254-4	6.356	6.326	191.2E6	117.9E6	548.098	517.695
30) L6 AR-1254-5	6.774	6.743	256.9E6	158.4E6	501.597	486.500

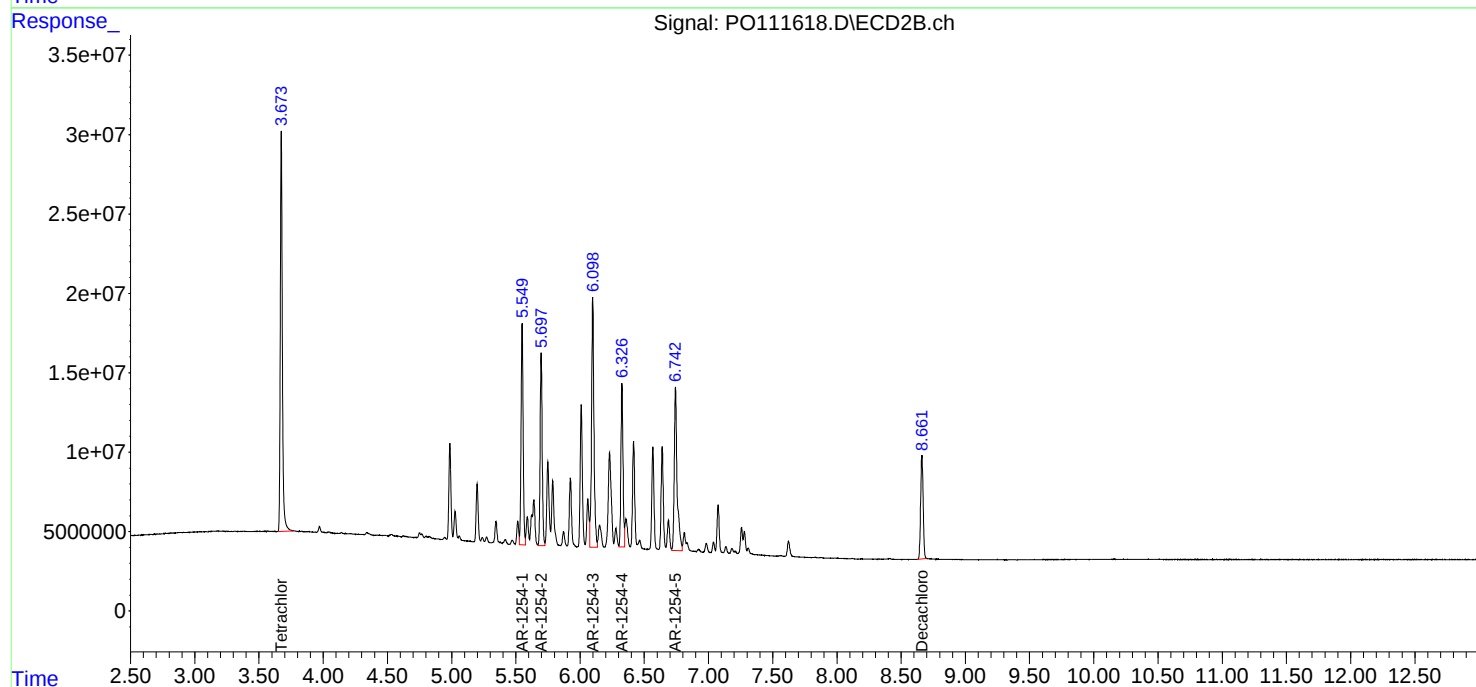
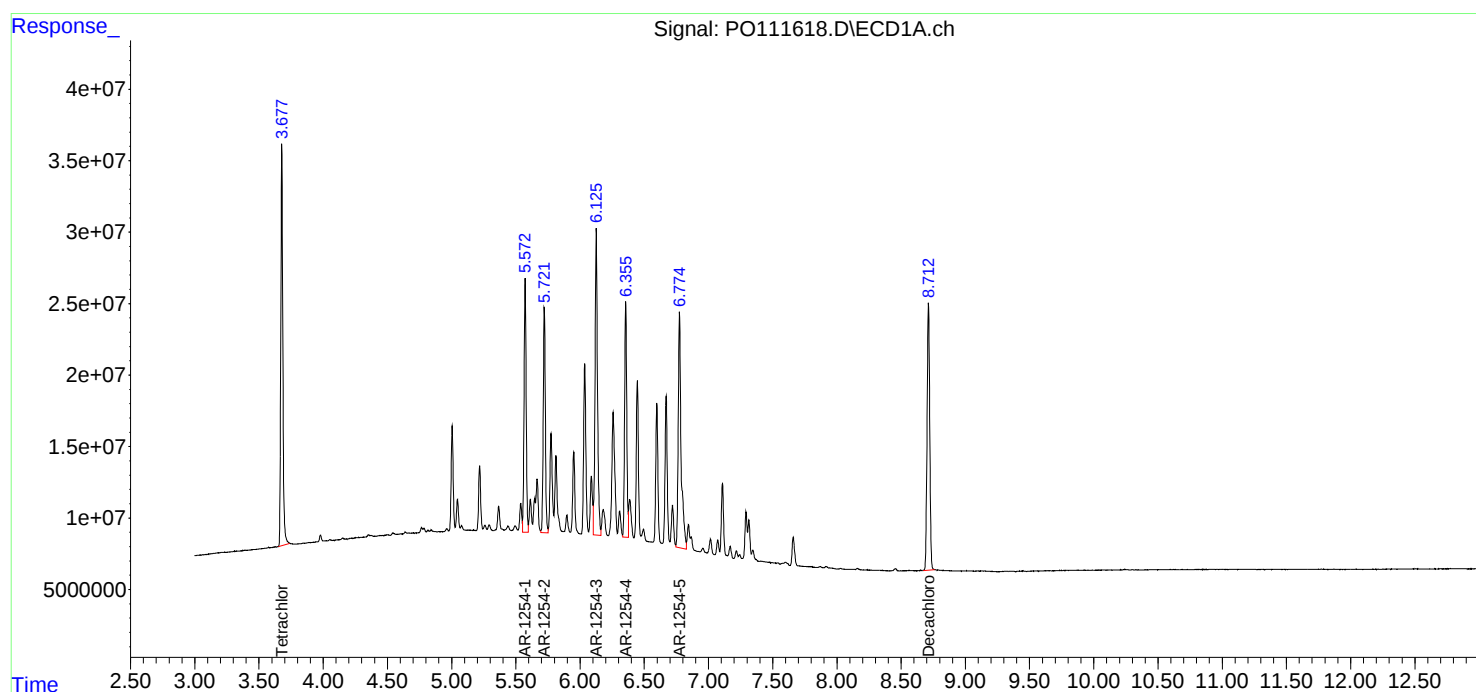
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:16
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 21:52
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:12:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 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...	3.677	3.673	316.2E6	285.9E6	50.018	50.315
2) SA Decachlor...	8.713	8.662	468.0E6	154.7E6	49.104	48.991
Target Compounds						
41) L9 AR-1268-1	7.600	7.562	546.0E6	230.3E6	484.674	481.484m
42) L9 AR-1268-2	7.665	7.627	476.8E6	200.9E6	487.948	482.422
43) L9 AR-1268-3	7.871	7.833	400.8E6	153.3E6	489.001	483.812
44) L9 AR-1268-4	8.160	8.119	170.3E6	57551424	495.146	497.603
45) L9 AR-1268-5	8.455	8.410	1091.8E6	351.5E6	491.711	485.093

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:52
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

ICVPO061125

Manual Integrations

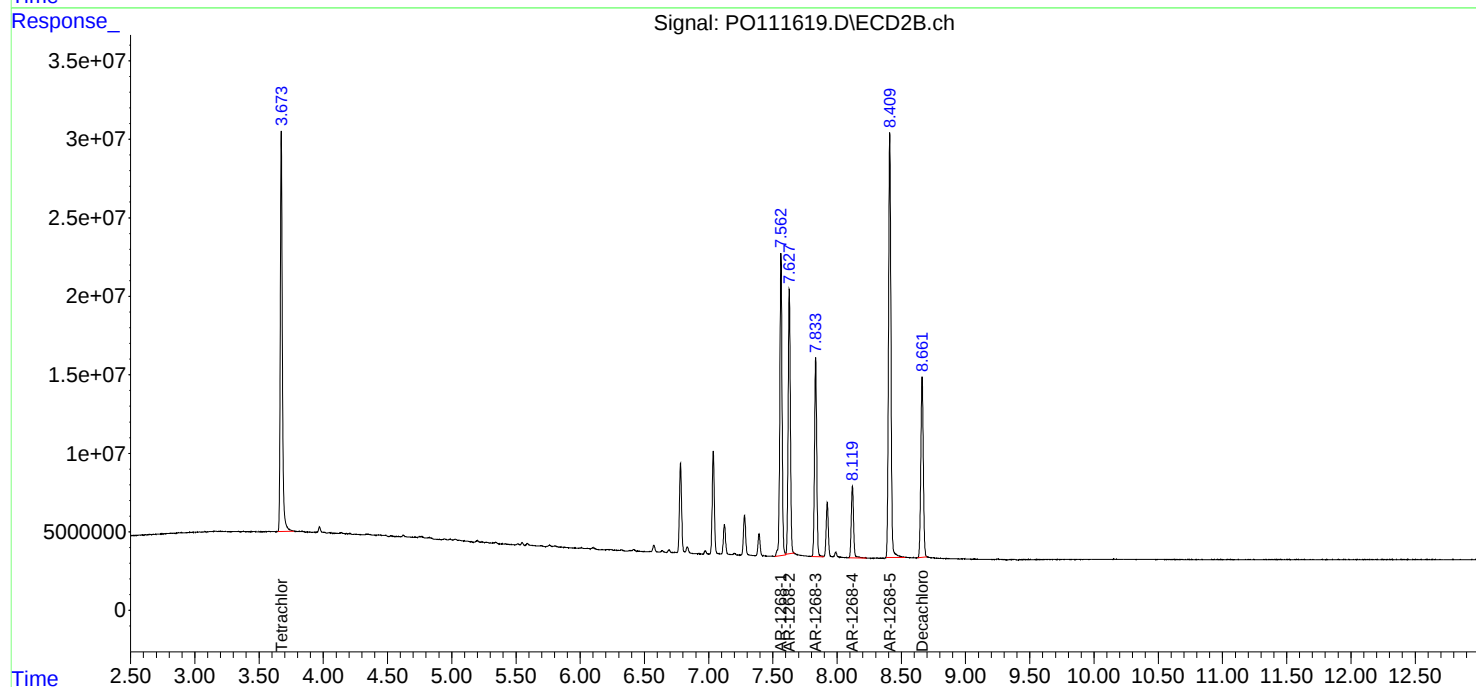
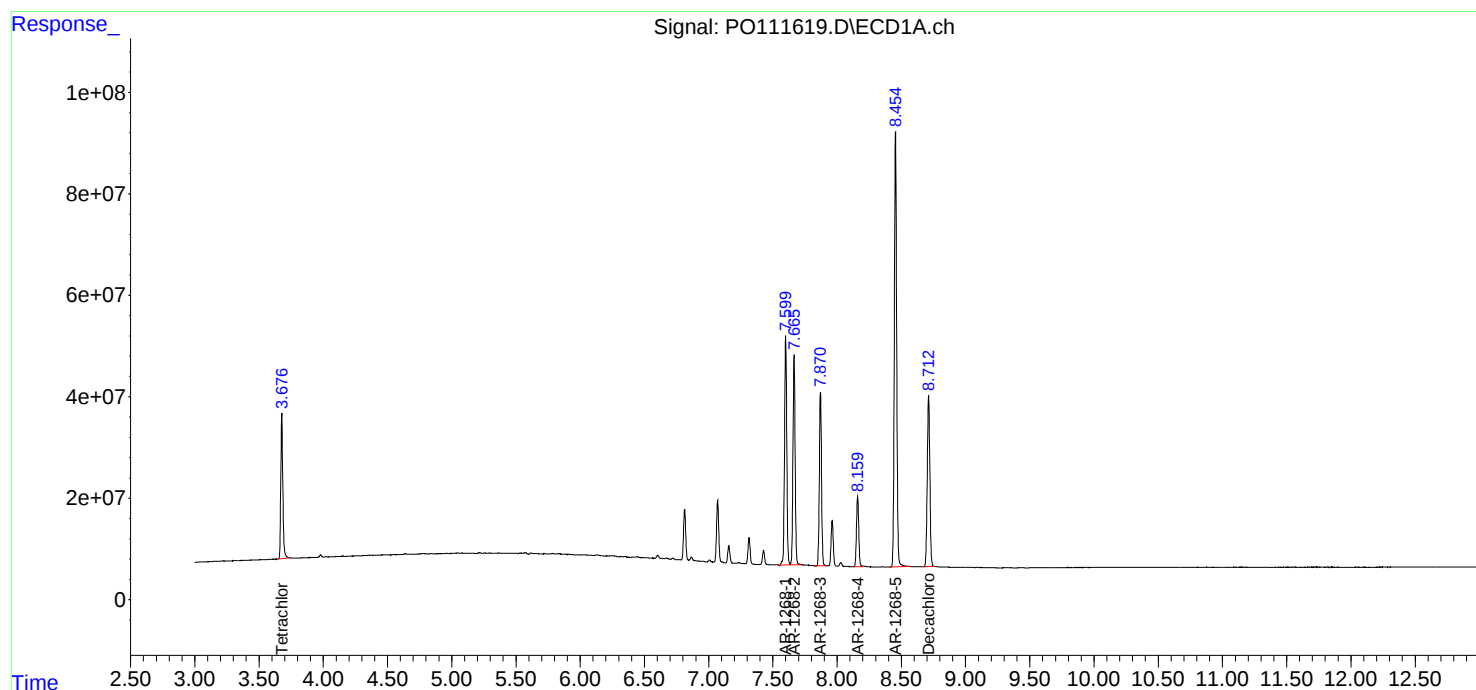
APPROVED

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:12:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2458</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>07/01/2025</u> <u>07/01/2025</u>
		Calibration Times:	<u>14:04</u> <u>21:30</u>

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

LAB FILE ID:	RT 1000 = <u>PP073413.D</u>	RT 750 = <u>PP073414.D</u>
RT 500 = <u>PP073415.D</u>	RT 250 = <u>PP073416.D</u>	RT 050 = <u>PP073417.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.65	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1016-2	(2)	5.67	5.66	5.67	5.66	5.66	5.66	5.56	5.76
Aroclor-1016-3	(3)	5.73	5.72	5.73	5.72	5.73	5.73	5.63	5.83
Aroclor-1016-4	(4)	5.83	5.82	5.83	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-5	(5)	6.12	6.11	6.12	6.11	6.12	6.12	6.02	6.22
Aroclor-1260-1	(1)	7.24	7.23	7.23	7.23	7.23	7.23	7.13	7.33
Aroclor-1260-2	(2)	7.49	7.48	7.49	7.48	7.49	7.49	7.39	7.59
Aroclor-1260-3	(3)	7.85	7.84	7.85	7.84	7.84	7.85	7.75	7.95
Aroclor-1260-4	(4)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1260-5	(5)	8.39	8.38	8.39	8.38	8.39	8.39	8.29	8.49
Decachlorobiphenyl		10.19	10.18	10.19	10.18	10.18	10.18	10.08	10.28
Tetrachloro-m-xylene		4.50	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1242-1	(1)	5.64	5.64	5.65	5.64	5.64	5.64	5.54	5.74
Aroclor-1242-2	(2)	5.67	5.66	5.67	5.66	5.67	5.66	5.56	5.76
Aroclor-1242-3	(3)	5.73	5.72	5.73	5.72	5.73	5.73	5.63	5.83
Aroclor-1242-4	(4)	5.82	5.82	5.83	5.82	5.83	5.82	5.72	5.92
Aroclor-1242-5	(5)	6.55	6.55	6.56	6.55	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.19	10.18	10.19	10.18	10.19	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1248-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1248-2	(2)	5.91	5.91	5.91	5.92	5.91	5.91	5.81	6.01
Aroclor-1248-3	(3)	6.12	6.12	6.11	6.12	6.12	6.12	6.02	6.22
Aroclor-1248-4	(4)	6.51	6.51	6.51	6.52	6.51	6.51	6.41	6.61
Aroclor-1248-5	(5)	6.55	6.55	6.55	6.56	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.18	10.18	10.18	10.19	10.18	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1254-1	(1)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1254-2	(2)	6.70	6.71	6.71	6.70	6.70	6.71	6.61	6.81
Aroclor-1254-3	(3)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1254-4	(4)	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
Aroclor-1254-5	(5)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Decachlorobiphenyl		10.18	10.18	10.18	10.18	10.18	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1268-1	(1)	8.70	8.69	8.70	8.69	8.69	8.69	8.59	8.79
Aroclor-1268-2	(2)	8.79	8.79	8.79	8.79	8.79	8.79	8.69	8.89
Aroclor-1268-3	(3)	9.02	9.01	9.02	9.02	9.01	9.02	8.92	9.12
Aroclor-1268-4	(4)	9.44	9.43	9.44	9.43	9.43	9.43	9.33	9.53
Aroclor-1268-5	(5)	9.85	9.84	9.85	9.84	9.84	9.84	9.74	9.94

[illegible]

Calibration Times: 14:04 21:30

LAB FILE ID: RT 1000 = PP073413.D RT 750 = PP073414.D
RT 500 = PP073415.D RT 250 = PP073416.D RT 050 = PP073417.D

[illegible]

[illegible]



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 07/01/2025 07/01/2025
Calibration Times: 14:04 21:30

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

LAB FILE ID:		CF 1000 = <u>PP073413.D</u>		CF 750 = <u>PP073414.D</u>			
CF 500 = <u>PP073415.D</u>		CF 250 = <u>PP073416.D</u>		CF 050 = <u>PP073417.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	53386559	55099693	57782372	61225280	46407680	54780317
Aroclor-1016-2	(2)	81419554	84803241	87804568	91506020	68225200	82751717
Aroclor-1016-3	(3)	50608265	52725643	55448056	56692696	48292660	52753464
Aroclor-1016-4	(4)	42447376	44200837	45284776	46593636	41594580	44024241
Aroclor-1016-5	(5)	38953823	39611271	42379456	43518084	36573140	40207155
Aroclor-1260-1	(1)	68843805	71260640	74149802	78663704	63647180	71313026
Aroclor-1260-2	(2)	99938528	104203213	107495204	111625928	102293820	105111339
Aroclor-1260-3	(3)	89992879	93711335	96595022	99925392	80545180	92153962
Aroclor-1260-4	(4)	83642835	85762545	90344816	93589416	88452740	88358470
Aroclor-1260-5	(5)	193274824	198819536	203197892	204345800	186020600	197131730
Decachlorobiphenyl		1421650480	1468921840	1501094120	1508618080	1204671600	1420991224
Tetrachloro-m-xylene		1570855440	1622793880	1655550080	1703062440	1429208000	1596293968
Aroclor-1242-1	(1)	47425724	48267568	50545606	53677172	54137380	50810690
Aroclor-1242-2	(2)	70605687	73942651	77425488	81332260	75817440	75824705
Aroclor-1242-3	(3)	43609661	45342768	48170240	50661632	52400880	48037036
Aroclor-1242-4	(4)	36635769	38015049	40483084	41469592	35926280	38505955
Aroclor-1242-5	(5)	40193741	40353568	44121034	48899828	38950680	42503770
Decachlorobiphenyl		1442761550	1502718333	1602192620	1540462680	1255271200	1468681277
Tetrachloro-m-xylene		1577761690	1632079280	1703090600	1745443160	1445015600	1620678066
Aroclor-1248-1	(1)	36440017	38150569	37262436	41452096	42286380	39118300
Aroclor-1248-2	(2)	48329662	50547713	48827254	51778388	58562440	51609091
Aroclor-1248-3	(3)	56570945	58408187	55042098	60722368	52592180	56667156
Aroclor-1248-4	(4)	68098333	70673667	69108470	75950940	68089760	70384234
Aroclor-1248-5	(5)	66645751	68842209	72410538	75877756	66165900	69988431
Decachlorobiphenyl		1508523030	1525420920	1478881260	1540009680	1268070800	1464181138
Tetrachloro-m-xylene		1604315820	1641926027	1551741820	1680674040	1394949600	1574721461
Aroclor-1254-1	(1)	63999015	67834332	69607928	76054128	77161340	70931349
Aroclor-1254-2	(2)	96232579	100969377	102890118	110292084	105313160	103139464
Aroclor-1254-3	(3)	103352127	108143771	111397258	116883672	128608440	113677054
Aroclor-1254-4	(4)	94005550	97663439	99341056	103690768	102730340	99486231
Aroclor-1254-5	(5)	92682459	96038677	97662174	101007260	86476540	94773422
Decachlorobiphenyl		1481522320	1524577613	1557007420	1588915360	1260352600	1482475063
Tetrachloro-m-xylene		1577655960	1644831773	1681333000	1765332680	1403156000	1614461883
Aroclor-1268-1	(1)	286615327	289052520	307483458	294851244	261364480	287873406



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	247916720	251358060	266224964	254365208	227947580	249562506	6
Aroclor-1268-3	(3)	214702422	217599913	228686398	224788636	214260700	220007614	3
Aroclor-1268-4	(4)	94022064	94827915	98593676	96762032	95146280	95870393	2
Aroclor-1268-5	(5)	630910741	636564881	660765348	643855636	546333060	623685933	7
Decachlorobiphenyl		2657569150	2696505867	2841581440	2789411560	2581412800	2713296163	4
Tetrachloro-m-xylene		1617584630	1640463653	1736400760	1565046840	1414382600	1594775697	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q2458

Calibration Date(s): 07/01/2025 07/01/2025
Calibration Times: 14:04 21:30

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

LAB FILE ID:		CF 1000 = <u>PP073413.D</u>		CF 750 = <u>PP073414.D</u>			
CF 500 = <u>PP073415.D</u>		CF 250 = <u>PP073416.D</u>		CF 050 = <u>PP073417.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	60174256	61652469	65707278	68697472	65429740	64332243
Aroclor-1016-2	(2)	89553215	90849693	97911362	103104680	95117320	95307254
Aroclor-1016-3	(3)	47760737	49133169	52363984	54033520	48807740	50419830
Aroclor-1016-4	(4)	37669371	39135572	42081524	43824204	40567820	40655698
Aroclor-1016-5	(5)	47972255	50349676	52978140	55111404	49824240	51247143
Aroclor-1260-1	(1)	85568106	92077153	95044522	97896916	90806160	92278571
Aroclor-1260-2	(2)	108395053	116492717	118624236	124712828	149744620	123593891
Aroclor-1260-3	(3)	95898053	104470747	101583108	105339980	93078140	100074006
Aroclor-1260-4	(4)	80000894	88722875	88003890	92045480	85312820	86817192
Aroclor-1260-5	(5)	209936846	226978429	216526966	226226544	211143860	218162529
Decachlorobiphenyl		1302456510	1414774613	1409048440	1485562240	1306412800	1383650921
Tetrachloro-m-xylene		1683025650	1786408827	1870928320	1901739040	1625568400	1773534047
Aroclor-1242-1	(1)	53280276	54693765	57617080	61835324	64576540	58400597
Aroclor-1242-2	(2)	82972139	81931147	87183548	91968308	87325500	86276128
Aroclor-1242-3	(3)	43743631	44030816	46799620	49550292	45297760	45884424
Aroclor-1242-4	(4)	41461297	42081584	45095442	47293720	43617680	43909945
Aroclor-1242-5	(5)	51909044	52967295	56730582	58513352	53462900	54716635
Decachlorobiphenyl		1424340080	1450974107	1528503620	1587816400	1352590800	1468845001
Tetrachloro-m-xylene		1883010450	1853943080	1918709500	1895172800	1684617400	1847090646
Aroclor-1248-1	(1)	42033623	43840621	39115776	46220760	48755960	43993348
Aroclor-1248-2	(2)	56827314	59455616	53089712	62482184	62673780	58905721
Aroclor-1248-3	(3)	59385868	61829628	53385880	64667732	62511060	60356034
Aroclor-1248-4	(4)	69578975	73002957	62777516	76679148	74543860	71316491
Aroclor-1248-5	(5)	72773558	74108969	70322374	77425468	73121080	73550290
Decachlorobiphenyl		1468137220	1389834400	1323620360	1545387480	1355376400	1416471172
Tetrachloro-m-xylene		1847505480	1847210627	1653069040	1807521240	1622513400	1755563957
Aroclor-1254-1	(1)	102934304	106592511	109028100	120731728	108455860	109548501
Aroclor-1254-2	(2)	89245302	92663879	94367858	105277948	103354040	96981805
Aroclor-1254-3	(3)	143533516	146102655	147782620	161681172	137594340	147338861
Aroclor-1254-4	(4)	87925313	92026563	91978244	100743696	78450540	90224871
Aroclor-1254-5	(5)	128472976	133438536	132590836	139444940	131430380	133075534
Decachlorobiphenyl		1365268720	1441926987	1465541720	1569805360	1402613400	1449031237
Tetrachloro-m-xylene		1755103800	1814214613	1848619580	1928531480	1514798800	1772253655
Aroclor-1268-1	(1)	282614813	303950412	304406056	299862664	286285140	295423817



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	251131090	270626467	272094030	267509272	248303600	261932892	4
Aroclor-1268-3	(3)	211302857	228722700	230182198	217737408	208169300	219222893	5
Aroclor-1268-4	(4)	93313531	99153364	100645408	92833816	87176160	94624456	6
Aroclor-1268-5	(5)	614873444	644117777	646287038	609236944	584176480	619738337	4
Decachlorobiphenyl		2503938560	2622033627	2700857080	2653903400	2481135200	2592373573	4
Tetrachloro-m-xylene		1836459180	1835199600	1882835460	1567494680	1720988000	1768595384	7



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
Instrument ID: ECD_P **Date(s) Analyzed:** 07/01/2025 07/01/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.69	4.59	4.79	18873700
		2	4.78	4.68	4.88	16115600
		3	4.85	4.75	4.95	51736800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	39969400
		2	5.38	5.28	5.48	20562800
		3	5.66	5.56	5.76	42330400
		4	5.82	5.72	5.92	21555200
		5	5.91	5.81	6.01	14064800
Aroclor-1262	500	1	8.07	7.97	8.17	115225000
		2	8.38	8.28	8.48	249090000
		3	8.70	8.60	8.80	163294000
		4	8.78	8.68	8.88	122009000
		5	9.43	9.33	9.53	86953800



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
Instrument ID: ECD_P **Date(s) Analyzed:** 07/01/2025 07/01/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.99	3.89	4.09	26914600
		2	4.08	3.98	4.18	20560400
		3	4.15	4.05	4.25	60670600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	47064800
		2	4.88	4.78	4.98	47003600
		3	5.06	4.96	5.16	24764800
		4	5.14	5.04	5.24	21423000
		5	5.31	5.21	5.41	23371200
Aroclor-1262	500	1	6.90	6.80	7.00	150053000
		2	7.15	7.05	7.25	124834000
		3	7.68	7.58	7.78	111157000
		4	7.74	7.64	7.84	182283000
		5	8.24	8.14	8.34	87201800

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:04
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:56:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 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...	4.496	3.785	157.1E6	168.3E6	97.375	94.713
2) SA Decachlor...	10.188	8.791	142.2E6	130.2E6	97.282	96.069
Target Compounds						
3) L1 AR-1016-1	5.648	4.865	53386559	60174256	960.458	956.046
4) L1 AR-1016-2	5.669	4.883	81419554	89553215	962.269	955.415
5) L1 AR-1016-3	5.731	5.059	50608265	47760737	954.366	954.025
6) L1 AR-1016-4	5.829	5.101	42447376	37669371	967.658	944.676
7) L1 AR-1016-5	6.121	5.315	38953823	47972255	957.882	950.412
31) L7 AR-1260-1	7.238	6.346	68843805	85568106	962.893	947.532
32) L7 AR-1260-2	7.491	6.534	99938528	108.4E6	963.571	954.941
33) L7 AR-1260-3	7.849	6.686	89992879	95898053	964.616	971.212
34) L7 AR-1260-4	8.073	7.156	83642835	80000894	961.480	952.364
35) L7 AR-1260-5	8.390	7.398	193.3E6	209.9E6	974.972	984.547

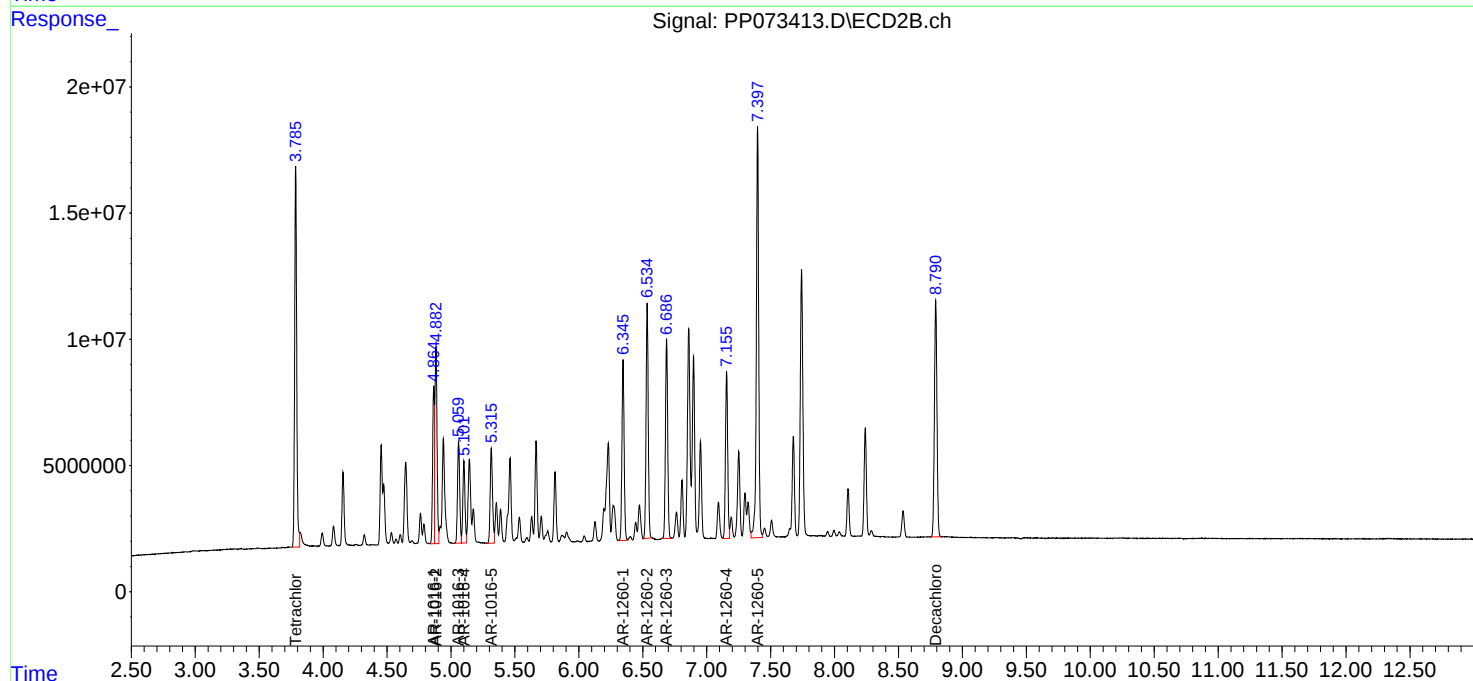
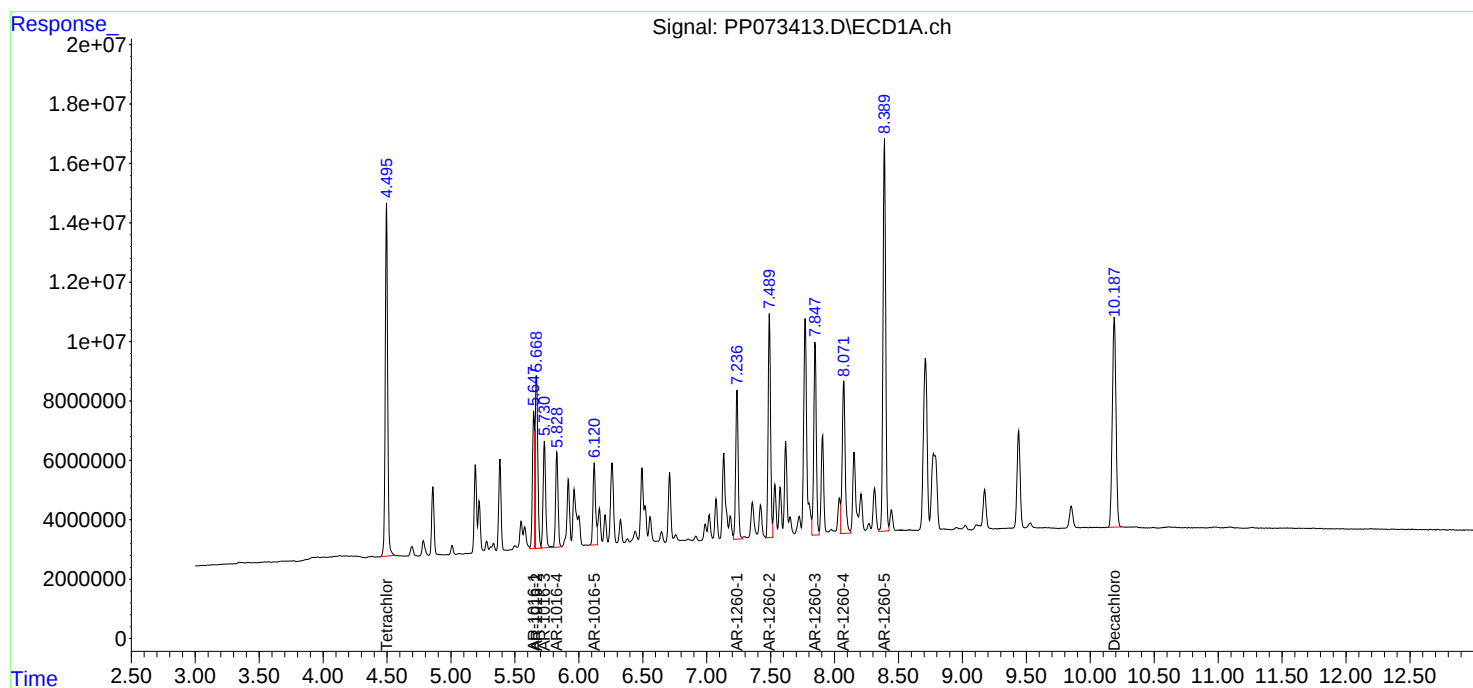
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:56:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
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\PP070125\
 Data File : PP073414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:21
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:00:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 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...	4.488	3.785	121.7E6	134.0E6	75.297	75.265
2)	SA Decachlor...	10.180	8.791	110.2E6	106.1E6	75.258	77.146
Target Compounds							
3)	L1 AR-1016-1	5.639	4.864	41324770	46239352	745.627	739.695
4)	L1 AR-1016-2	5.661	4.882	63602431	68137270	751.129	734.464
5)	L1 AR-1016-3	5.723	5.059	39544232	36849877	747.142	740.662
6)	L1 AR-1016-4	5.820	5.101	33150628	29351679	753.806	740.665
7)	L1 AR-1016-5	6.113	5.315	29708453	37762257	736.911	748.756
31)	L7 AR-1260-1	7.229	6.346	53445480	69057865	748.347	759.741
32)	L7 AR-1260-2	7.484	6.534	78152410	87369538	752.341	763.026
33)	L7 AR-1260-3	7.842	6.685	70283501	78353060	752.234	778.466
34)	L7 AR-1260-4	8.065	7.155	64321909	66542156	742.890	777.581
35)	L7 AR-1260-5	8.383	7.397	149.1E6	170.2E6	751.469	781.556

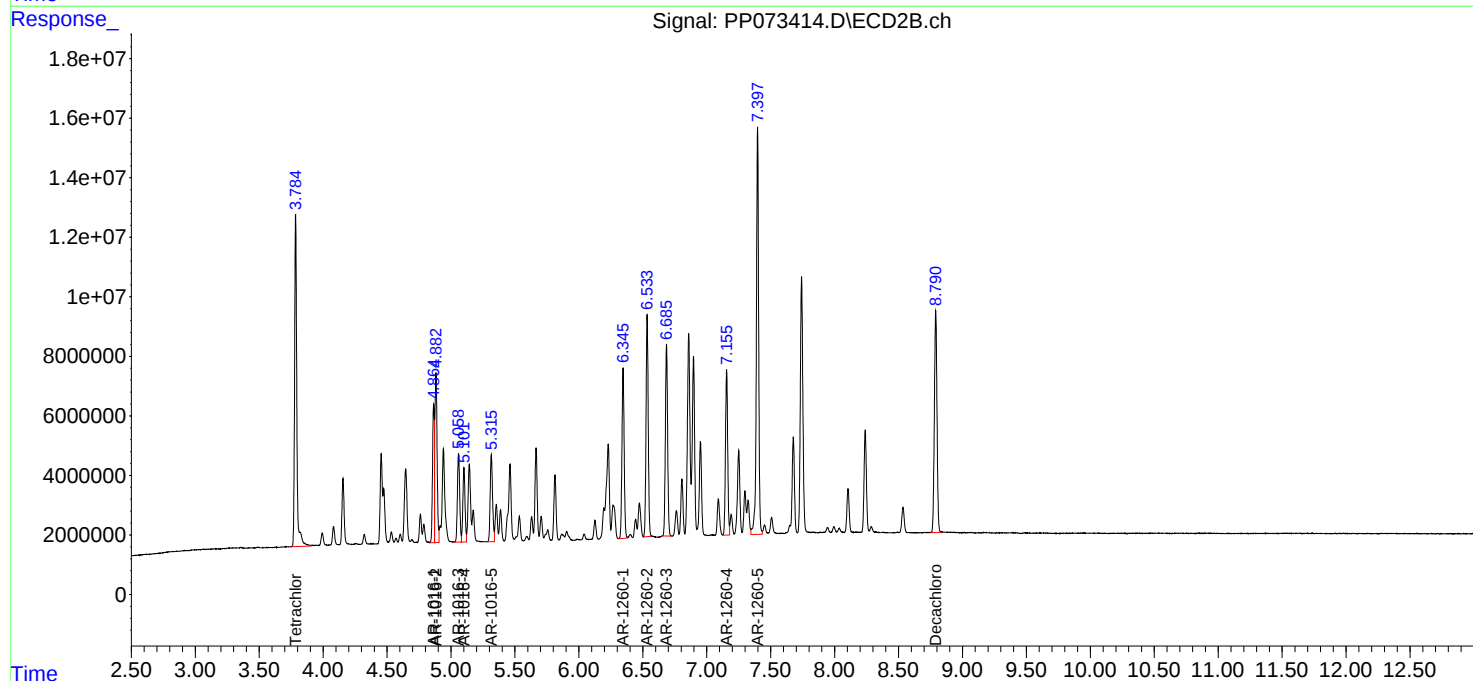
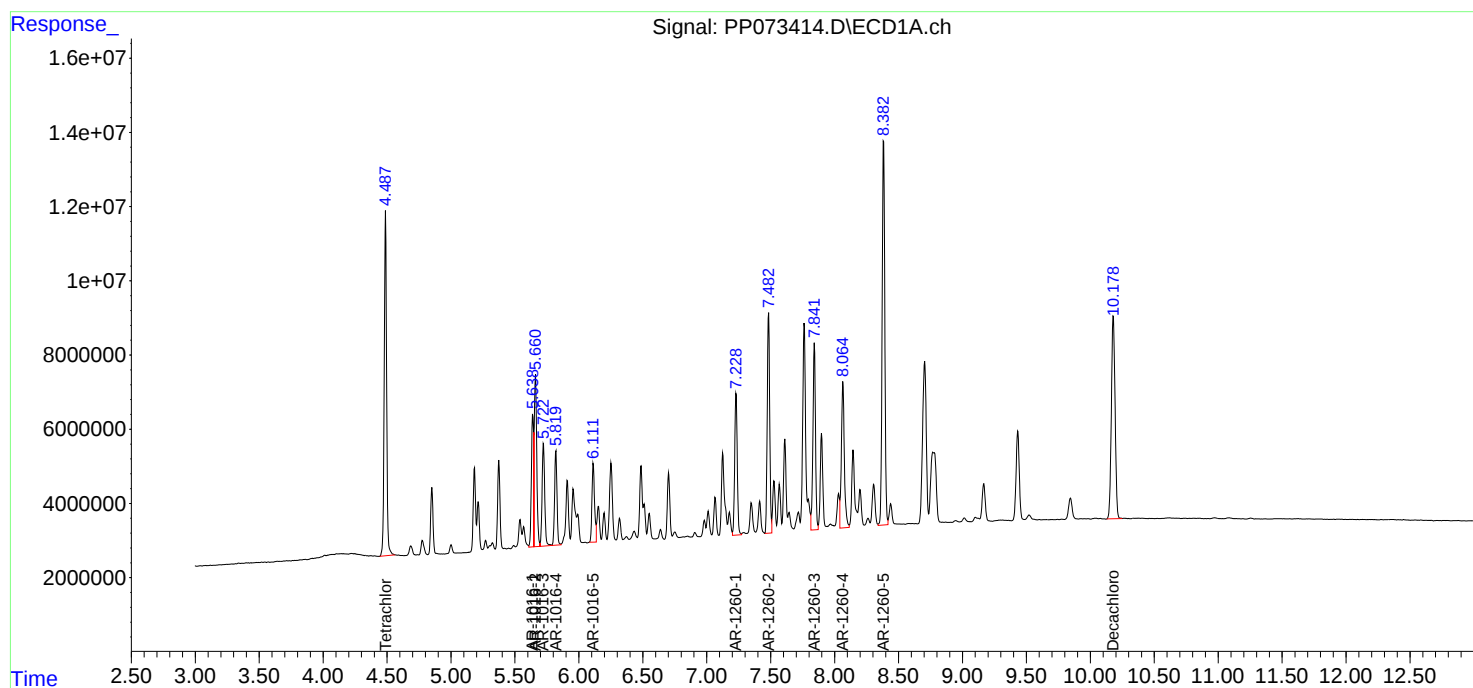
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:21
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:00:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
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\PP070125\
 Data File : PP073415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:37
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:54:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 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...	4.493	3.785	82777504	93546416	50.000	50.000
2) SA Decachlor...	10.186	8.790	75054706	70452422	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.644	4.864	28891186	32853639	500.000	500.000
4) L1 AR-1016-2	5.666	4.882	43902284	48955681	500.000	500.000
5) L1 AR-1016-3	5.729	5.058	27724028	26181992	500.000	500.000
6) L1 AR-1016-4	5.826	5.100	22642388	21040762	500.000	500.000
7) L1 AR-1016-5	6.118	5.314	21189728	26489070	500.000	500.000
31) L7 AR-1260-1	7.234	6.344	37074901	47522261	500.000	500.000
32) L7 AR-1260-2	7.489	6.533	53747602	59312118	500.000	500.000
33) L7 AR-1260-3	7.846	6.685	48297511	50791554	500.000	500.000
34) L7 AR-1260-4	8.071	7.154	45172408	44001945	500.000	500.000
35) L7 AR-1260-5	8.389	7.397	101.6E6	108.3E6	500.000	500.000

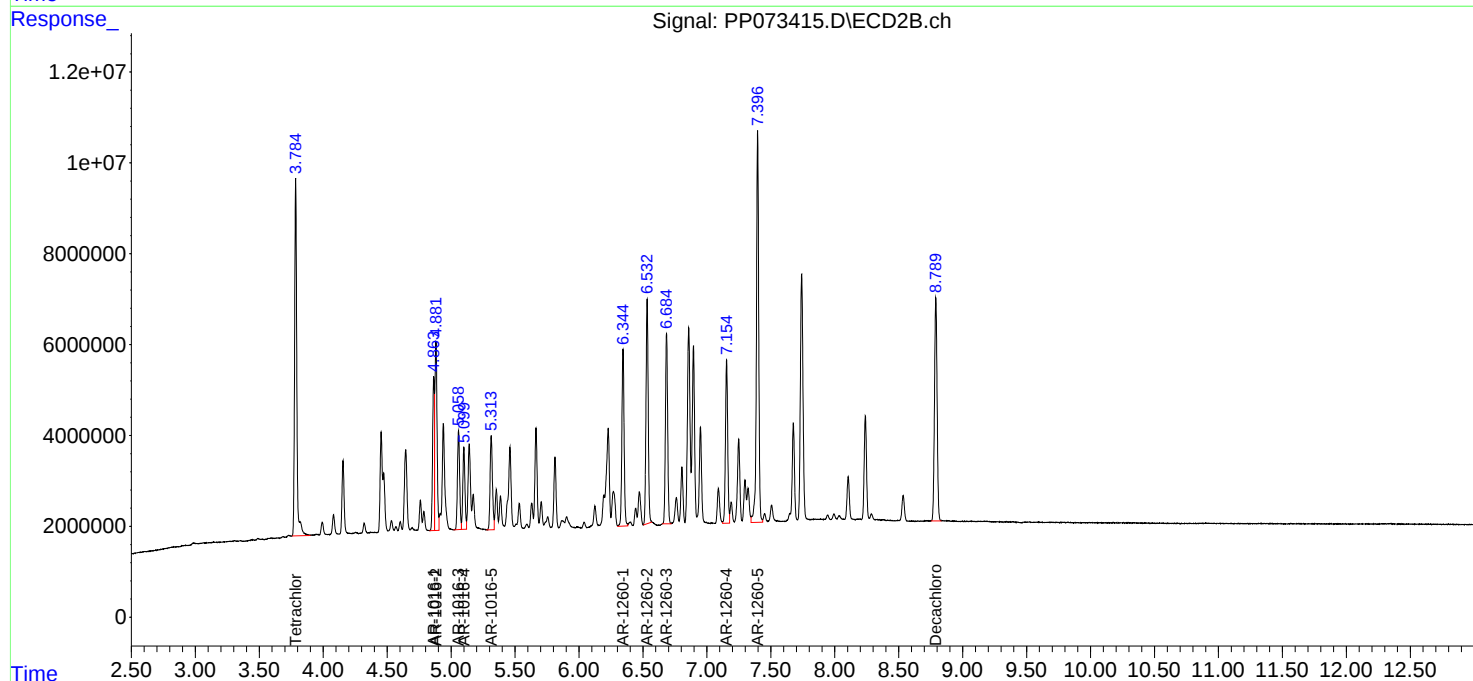
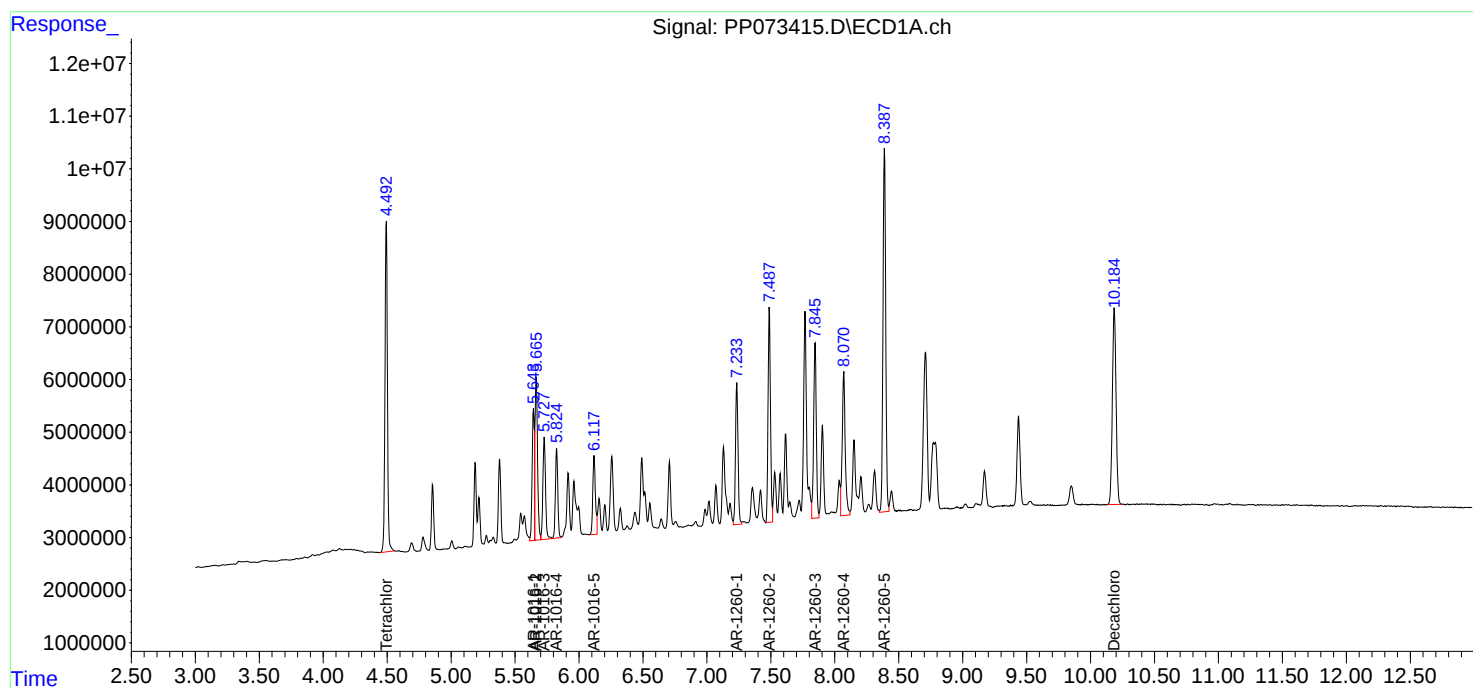
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073415.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:37
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:54:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
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\PP070125\
 Data File : PP073416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:54
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:04:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 15:04:26 2025
 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...	4.489	3.783	42576561	47543476	25.992	26.259
2) SA Decachlor...	10.179	8.789	37715452	37139056	25.569	26.472
Target Compounds						
3) L1 AR-1016-1	5.640	4.863	15306320	17174368	269.129	268.107
4) L1 AR-1016-2	5.662	4.880	22876505	25776170	264.825	270.319
5) L1 AR-1016-3	5.724	5.057	14173174	13508380	263.106	265.793
6) L1 AR-1016-4	5.821	5.099	11648409	10956051	260.990	269.338
7) L1 AR-1016-5	6.113	5.313	10879521	13777851	264.608	266.998
31) L7 AR-1260-1	7.231	6.343	19665926	24474229	268.552	264.167
32) L7 AR-1260-2	7.484	6.532	27906482	31178207	263.727	266.352
33) L7 AR-1260-3	7.843	6.683	24981348	26334995	262.806	258.635
34) L7 AR-1260-4	8.067	7.152	23397354	23011370	264.871	263.912
35) L7 AR-1260-5	8.384	7.396	51086450	56556636	255.548	257.172

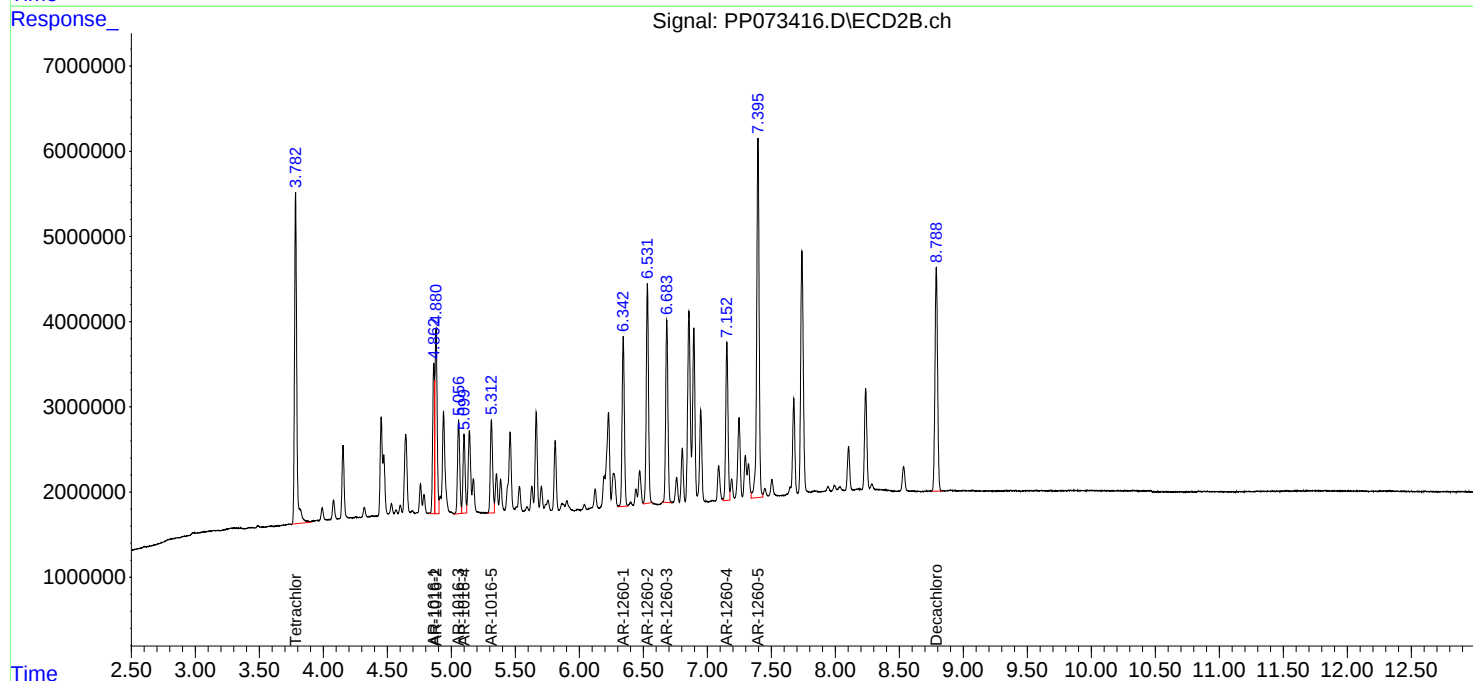
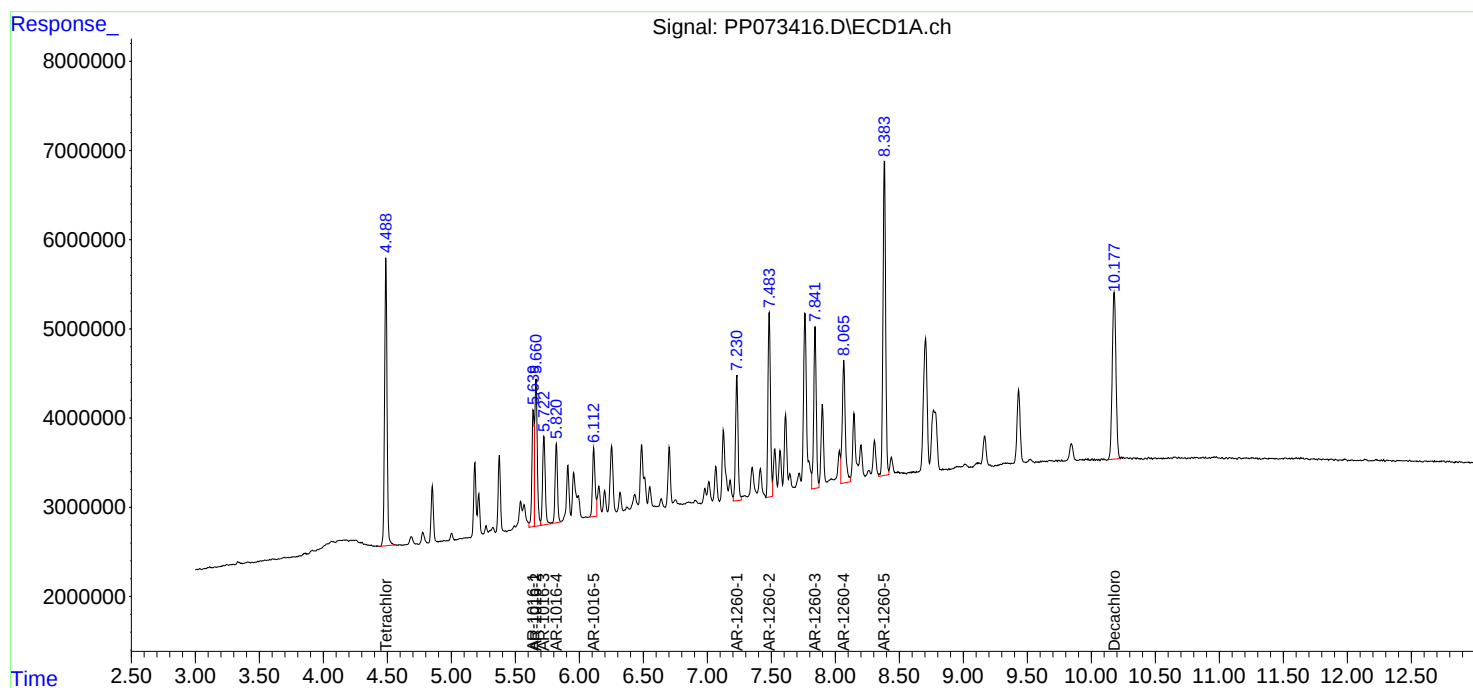
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:04:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 15:04:26 2025
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\PP070125\
 Data File : PP073417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 15:10
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:22:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 15:21:56 2025
 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...	4.491	3.784	7146040	8127842	4.477	4.583
2)	SA Decachlor...	10.182	8.789	6023358	6532064	4.239	4.721
Target Compounds							
3)	L1 AR-1016-1	5.642	4.864	2320384	3271487	42.155m	50.853
4)	L1 AR-1016-2	5.663	4.881	3411260	4755866	41.083m	49.900
5)	L1 AR-1016-3	5.725	5.058	2414633	2440387	45.949m	48.401
6)	L1 AR-1016-4	5.824	5.099	2079729	2028391	47.241	49.892
7)	L1 AR-1016-5	6.116	5.313	1828657	2491212	45.481	48.612
31)	L7 AR-1260-1	7.232	6.344	3182359	4540308	44.438m	49.226m
32)	L7 AR-1260-2	7.487	6.532	5114691	7487231	48.653m	60.391m
33)	L7 AR-1260-3	7.843	6.684	4027259	4653907	43.644m	46.505
34)	L7 AR-1260-4	8.068	7.153	4422637	4265641	50.392m	49.134
35)	L7 AR-1260-5	8.386	7.396	9301030	10557193	47.182	48.391

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 15:10
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

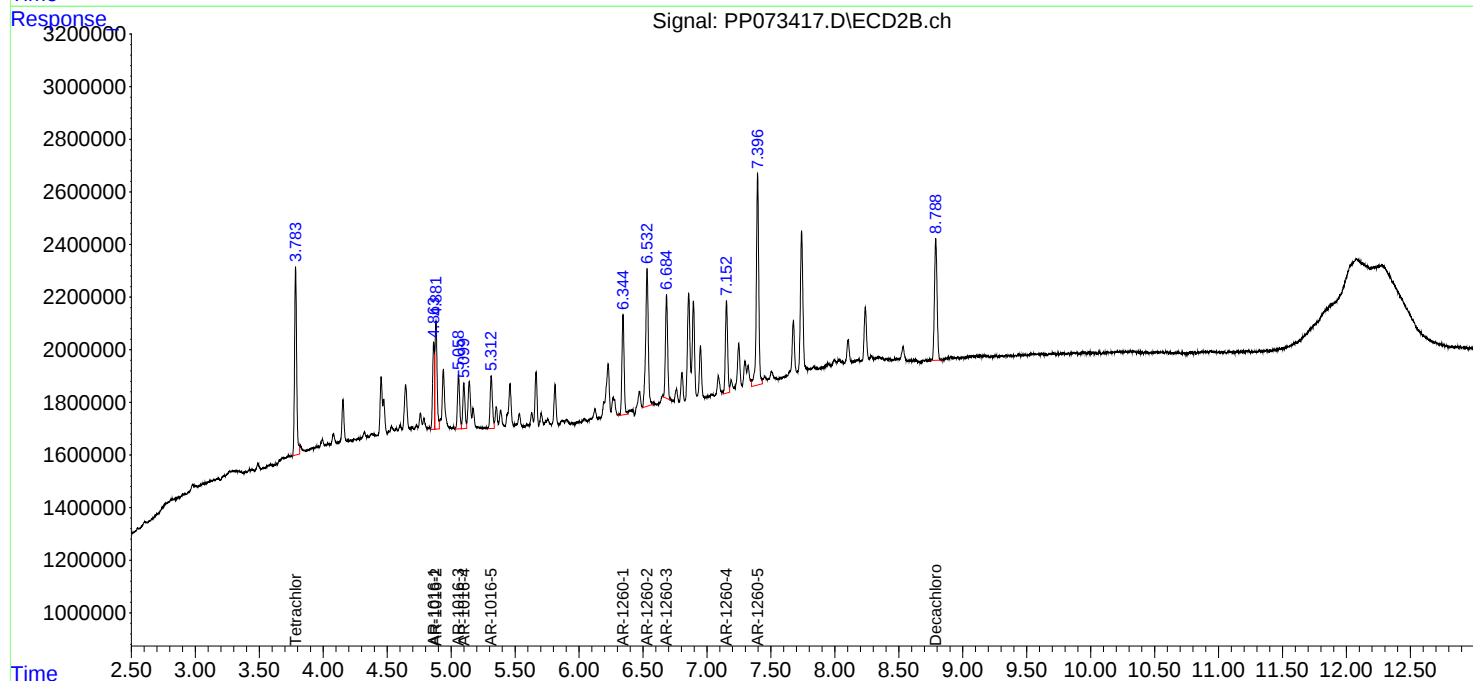
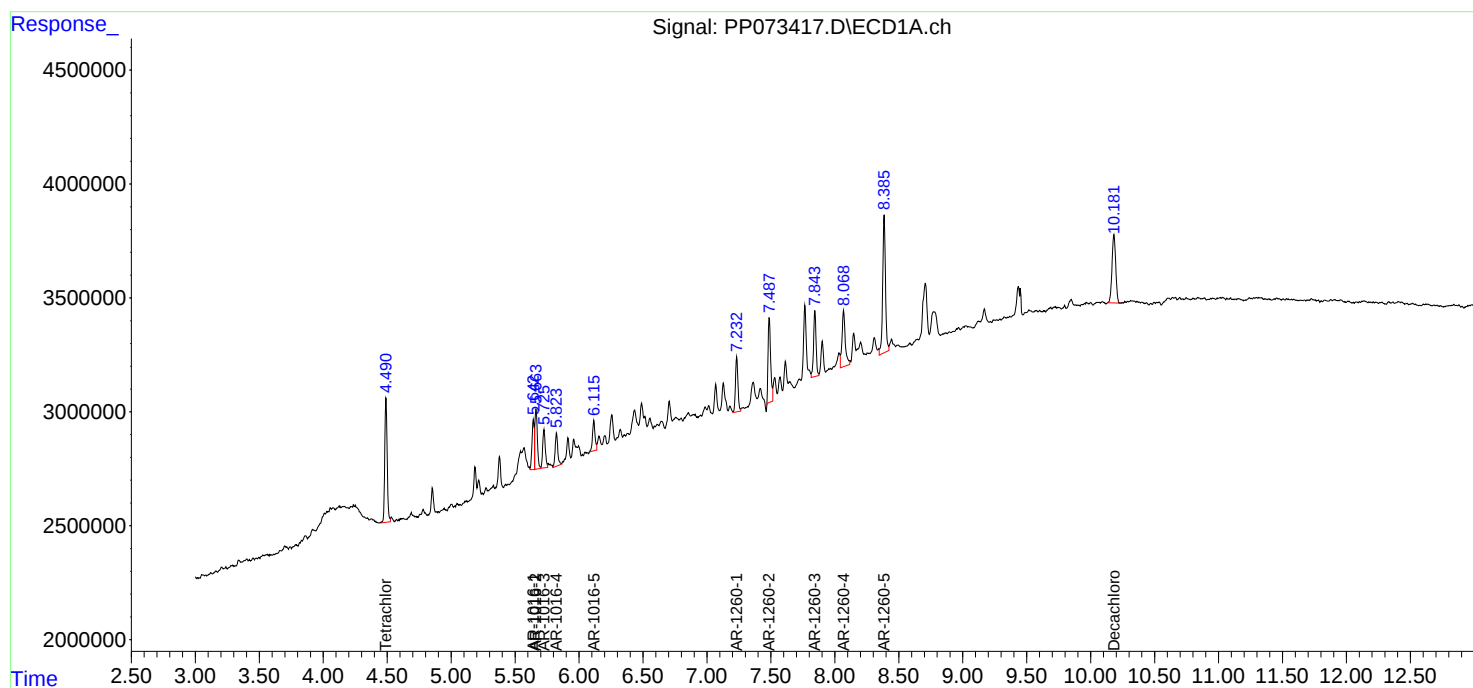
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 15:21:56 2025
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\PP070125\
 Data File : PP073418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 15:26
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:18:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:18:18 2025
 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...	4.490	3.784	87848536	91353491	50.000	50.000
2) SA Decachlor...	10.182	8.789	78147418	75300321	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.691	3.992	9436845	13457288	500.000	500.000
9) L2 AR-1221-2	4.777	4.079	8057814	10280245	500.000	500.000
10) L2 AR-1221-3	4.853	4.154	25868388	30335316	500.000	500.000

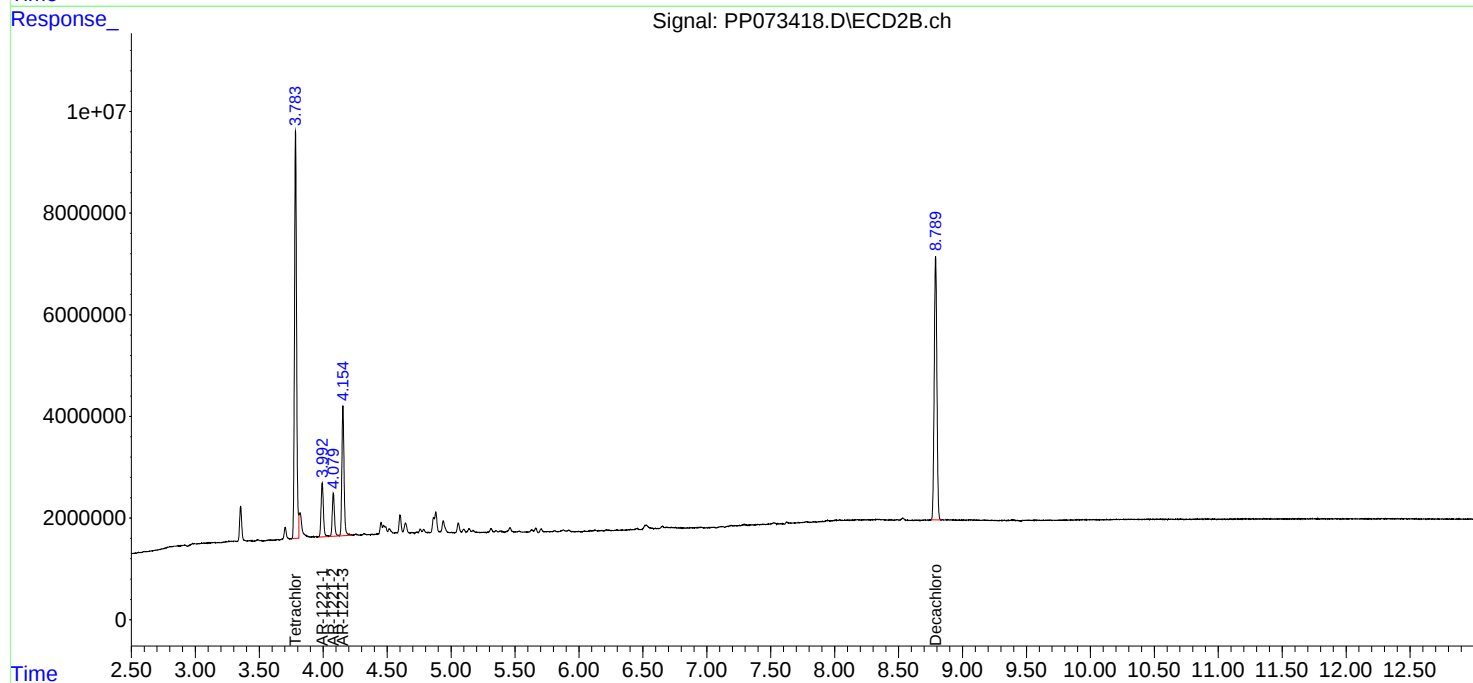
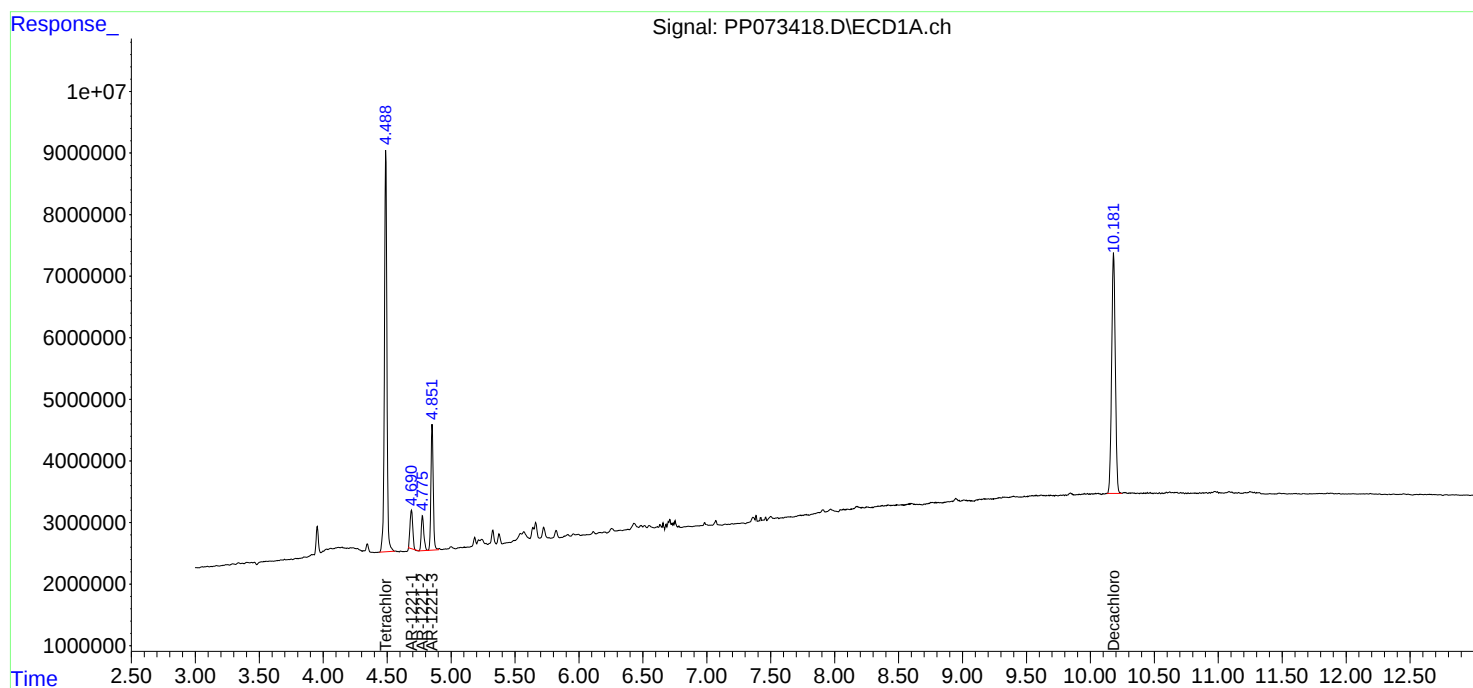
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 15:26
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:18:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:18:18 2025
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\PP070125\
 Data File : PP073419.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 15:43
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:22:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:21:46 2025
 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...	4.489	3.783	84574688	87470639	50.000	50.000
2) SA Decachlor...	10.180	8.789	75589108	75957680	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.852	4.154	19984651	23532447	500.000	500.000
12) L3 AR-1232-2	5.376	4.880	10281396	23501759	500.000	500.000
13) L3 AR-1232-3	5.663	5.056	21165221	12382367	500.000	500.000
14) L3 AR-1232-4	5.821	5.141	10777639	10711505	500.000	500.000
15) L3 AR-1232-5	5.912	5.312	7032423	11685572	500.000	500.000

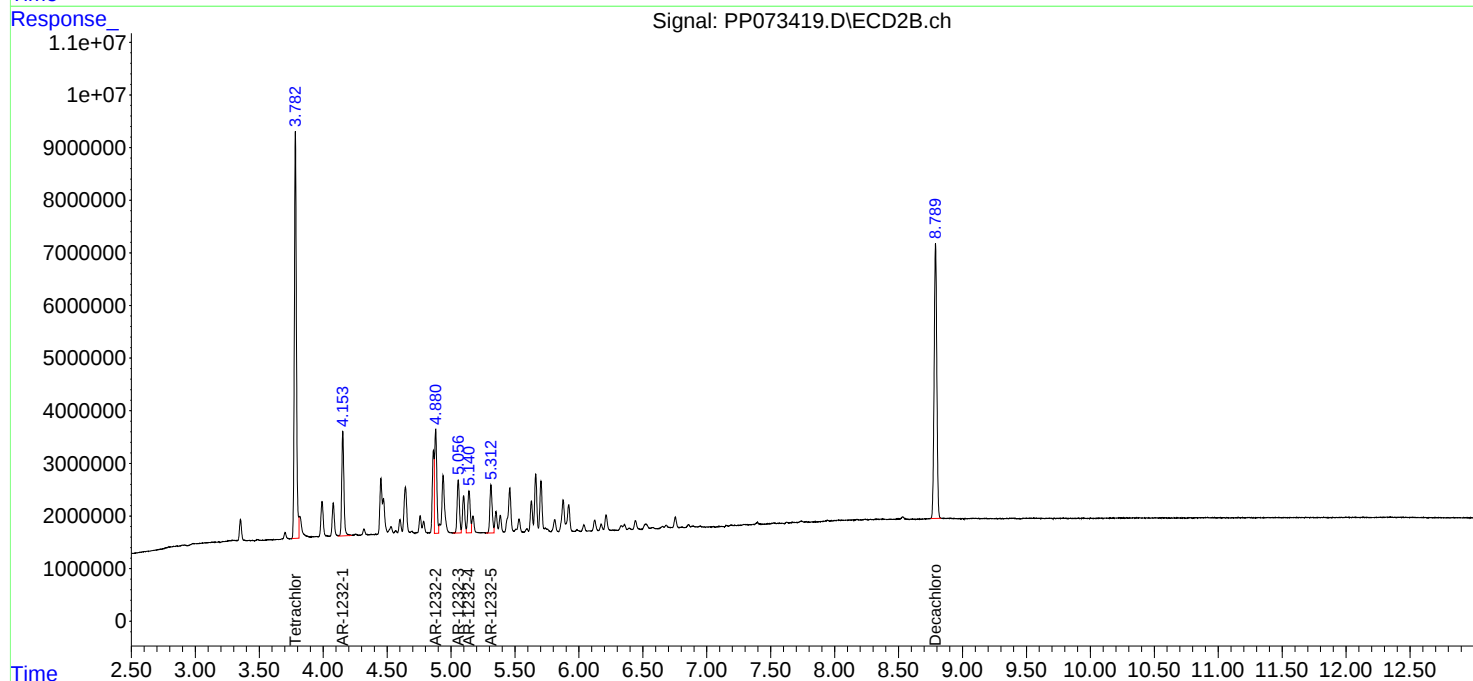
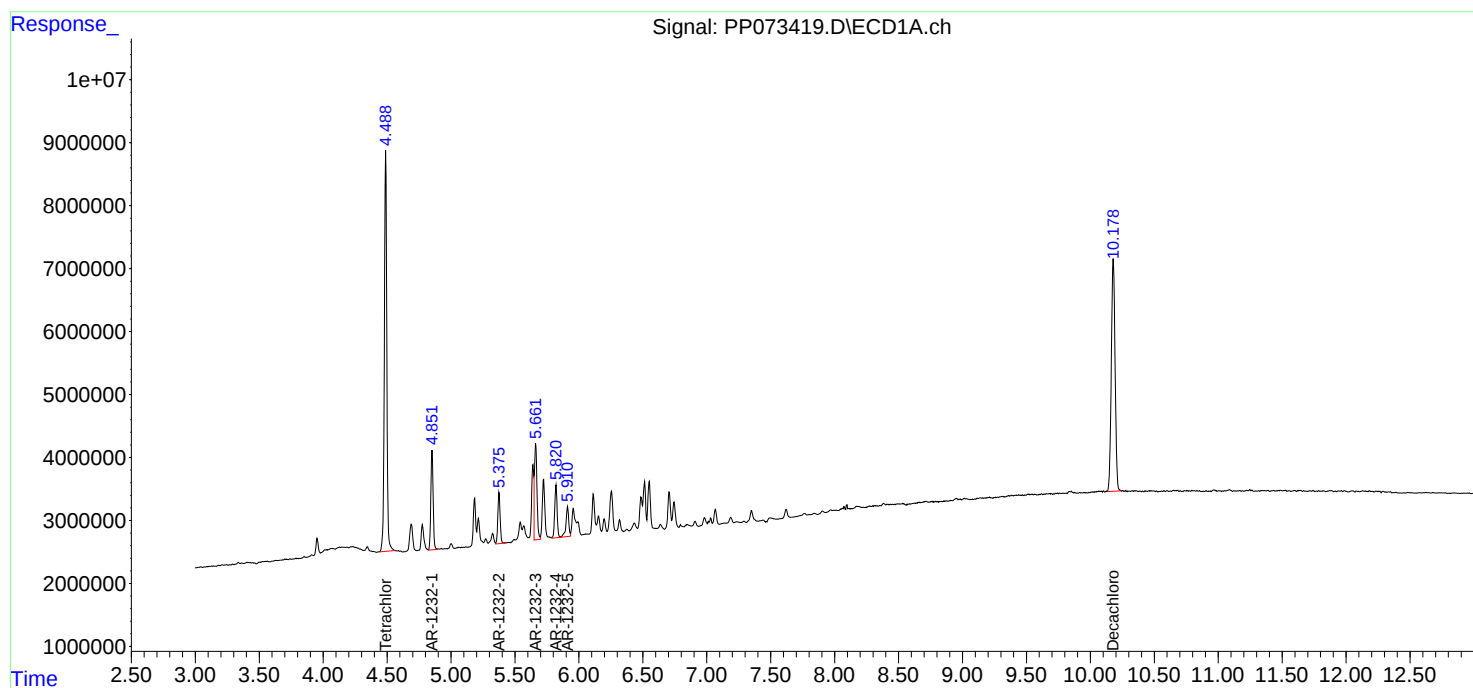
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 15:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:22:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:21:46 2025
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\PP070125\
 Data File : PP073420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 15:59
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:30:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 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...	4.492	3.785	157.8E6	188.3E6	92.641	98.139
2) SA Decachlor...	10.185	8.792	144.3E6	142.4E6	90.049	93.185
Target Compounds						
16) L4 AR-1242-1	5.643	4.865	47425724	53280276	938.276	924.731
17) L4 AR-1242-2	5.665	4.882	70605687	82972139	911.918	951.695
18) L4 AR-1242-3	5.727	5.059	43609661	43743631	905.324	934.701
19) L4 AR-1242-4	5.824	5.143	36635769	41461297	904.965	919.412
20) L4 AR-1242-5	6.554	5.665	40193741	51909044	910.988	915.010

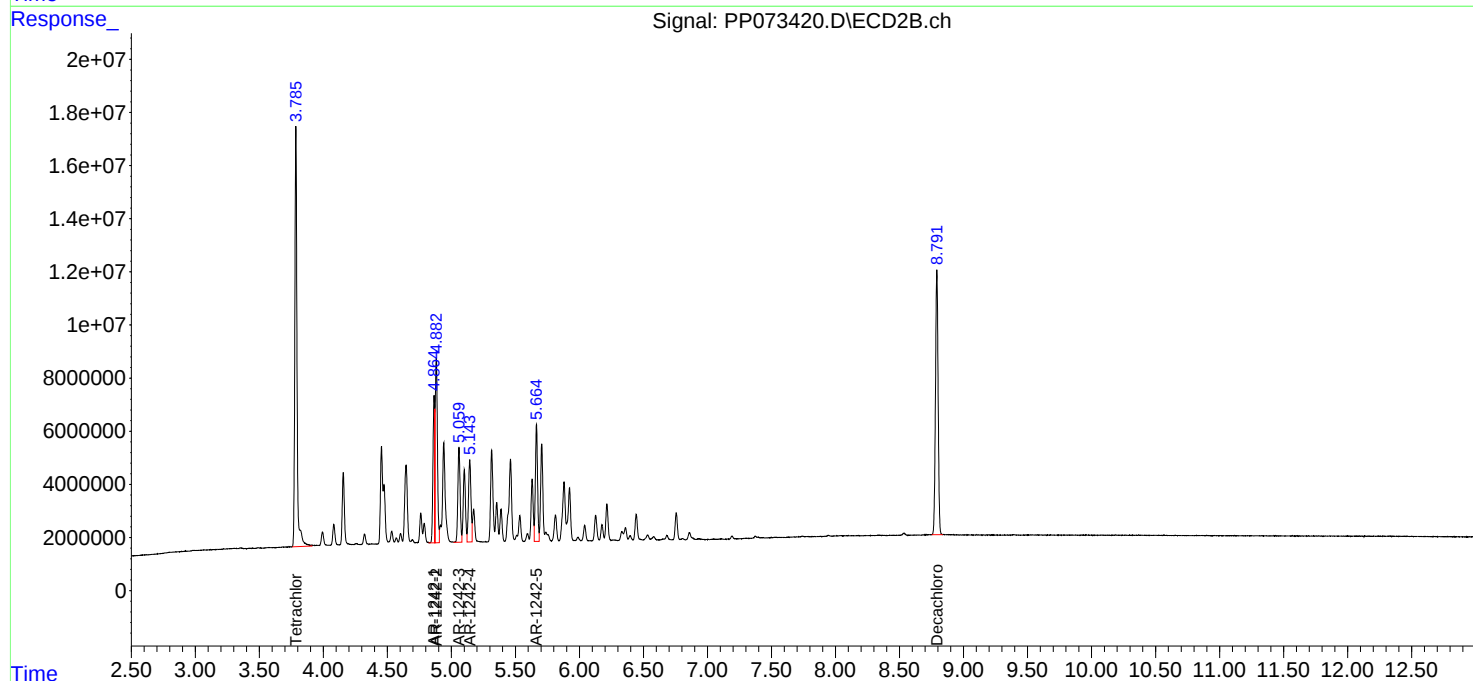
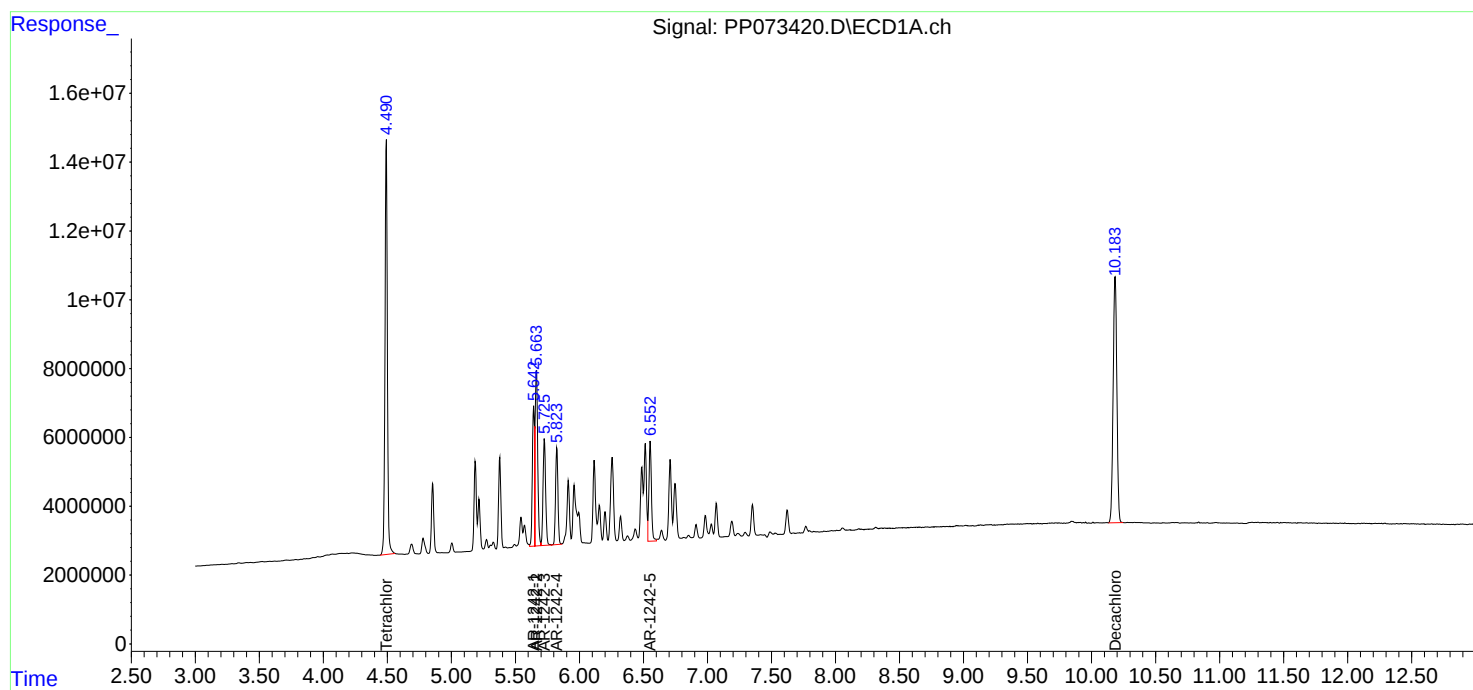
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073420.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 15:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:30:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
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\PP070125\
 Data File : PP073421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:16
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:30:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 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...	4.489	3.785	122.4E6	139.0E6	71.873	72.468
2) SA Decachlor...	10.180	8.790	112.7E6	108.8E6	70.344	71.196
Target Compounds						
16) L4 AR-1242-1	5.641	4.865	36200676	41020324	716.198	711.947
17) L4 AR-1242-2	5.662	4.882	55456988	61448360	716.263	704.816
18) L4 AR-1242-3	5.724	5.059	34007076	33023112	705.977	705.628
19) L4 AR-1242-4	5.822	5.143	28511287	31561188	704.277	699.875
20) L4 AR-1242-5	6.551	5.664	30265176	39725471	685.958	700.248

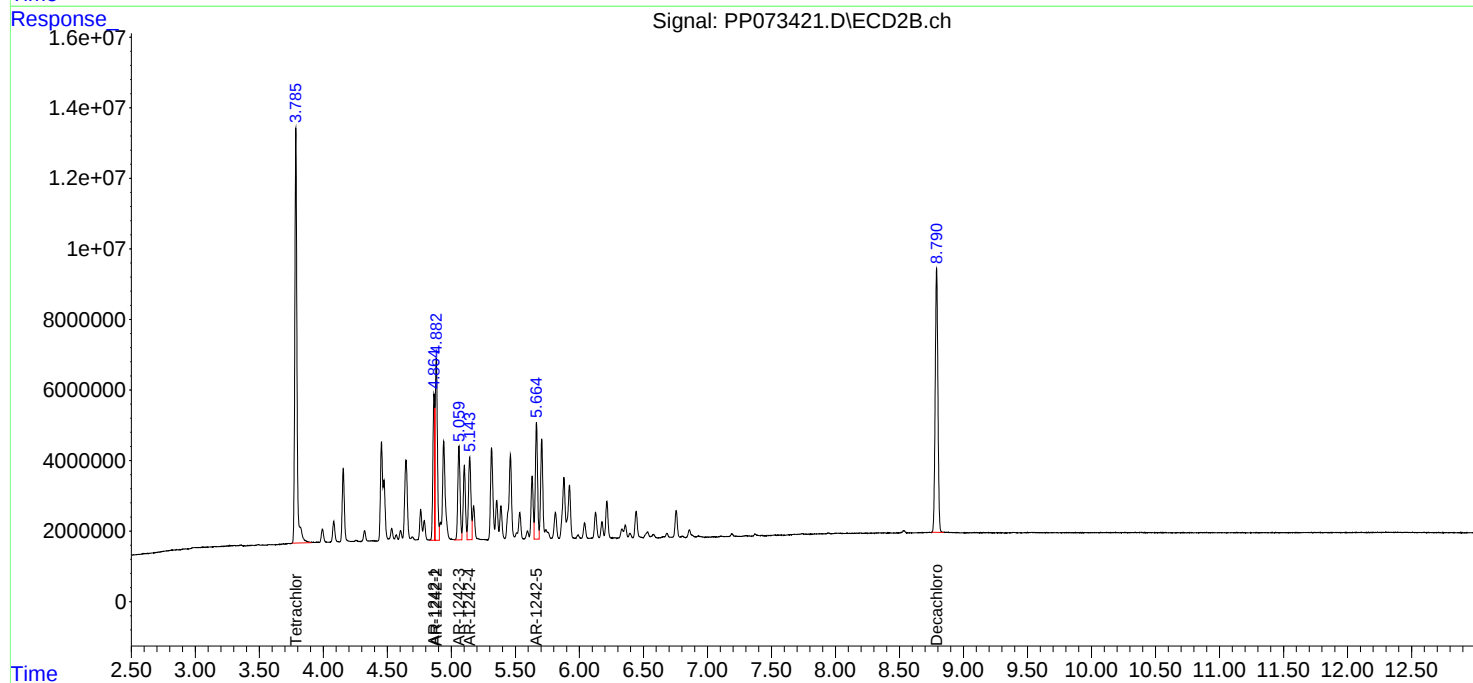
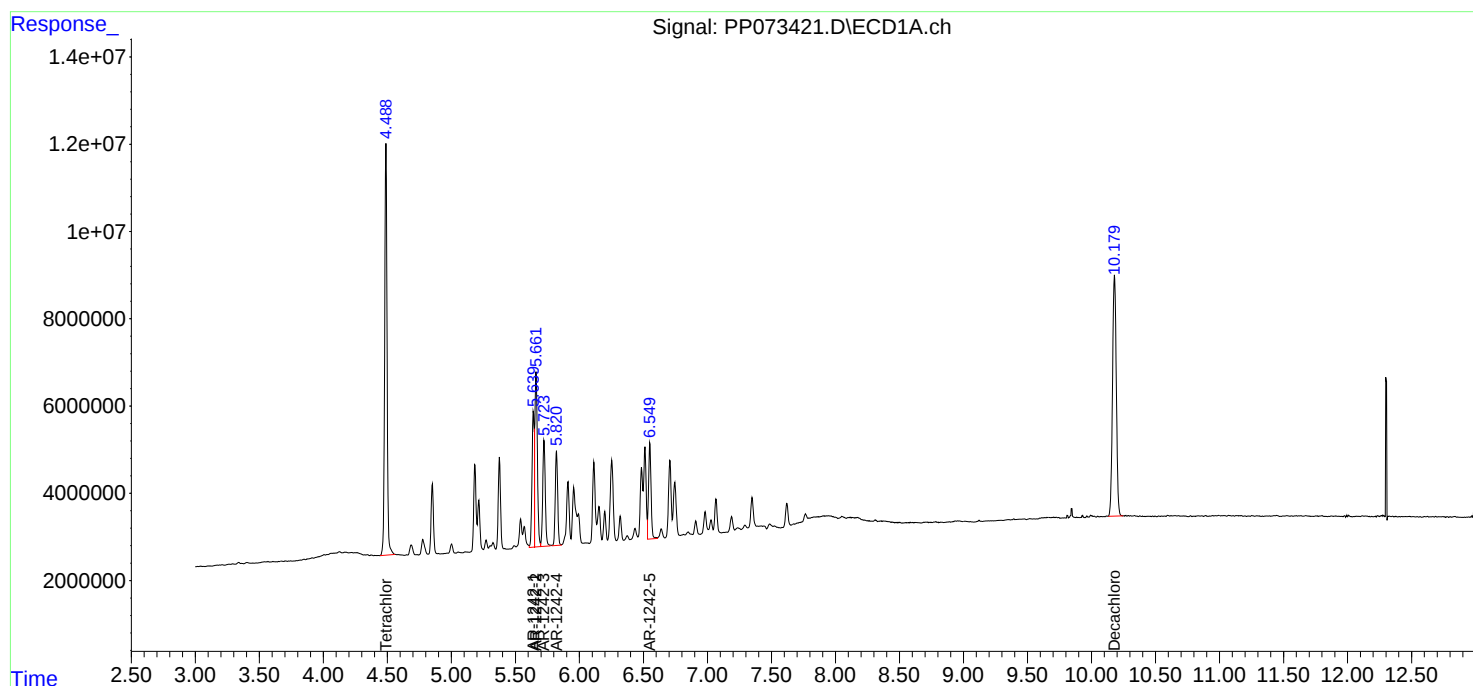
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073421.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:30:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
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\PP070125\
 Data File : PP073422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:33
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 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...	4.494	3.785	85154530	95935475	50.000	50.000
2) SA Decachlor...	10.185	8.790	80109631	76425181	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.645	4.865	25272803	28808540	500.000	500.000
17) L4 AR-1242-2	5.666	4.882	38712744	43591774	500.000	500.000
18) L4 AR-1242-3	5.729	5.059	24085120	23399810	500.000	500.000
19) L4 AR-1242-4	5.826	5.143	20241542	22547721	500.000	500.000
20) L4 AR-1242-5	6.556	5.665	22060517	28365291	500.000	500.000

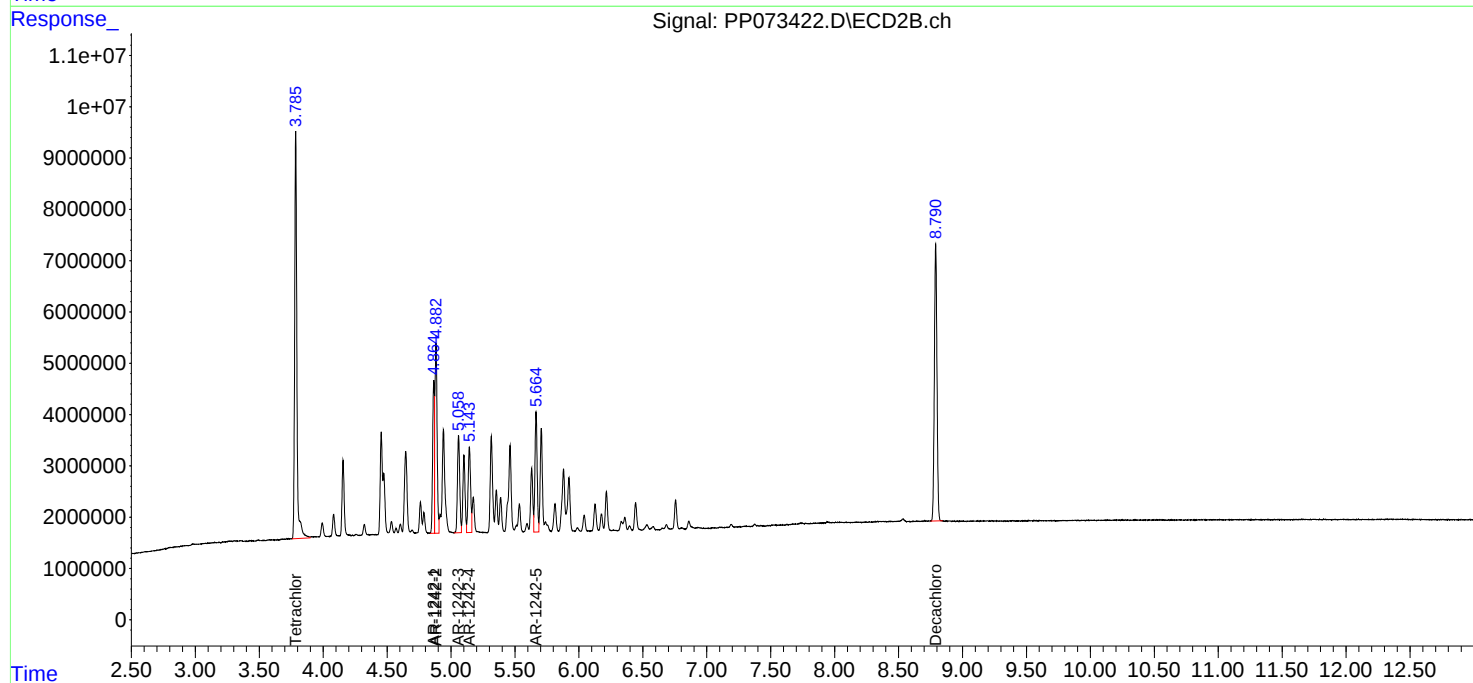
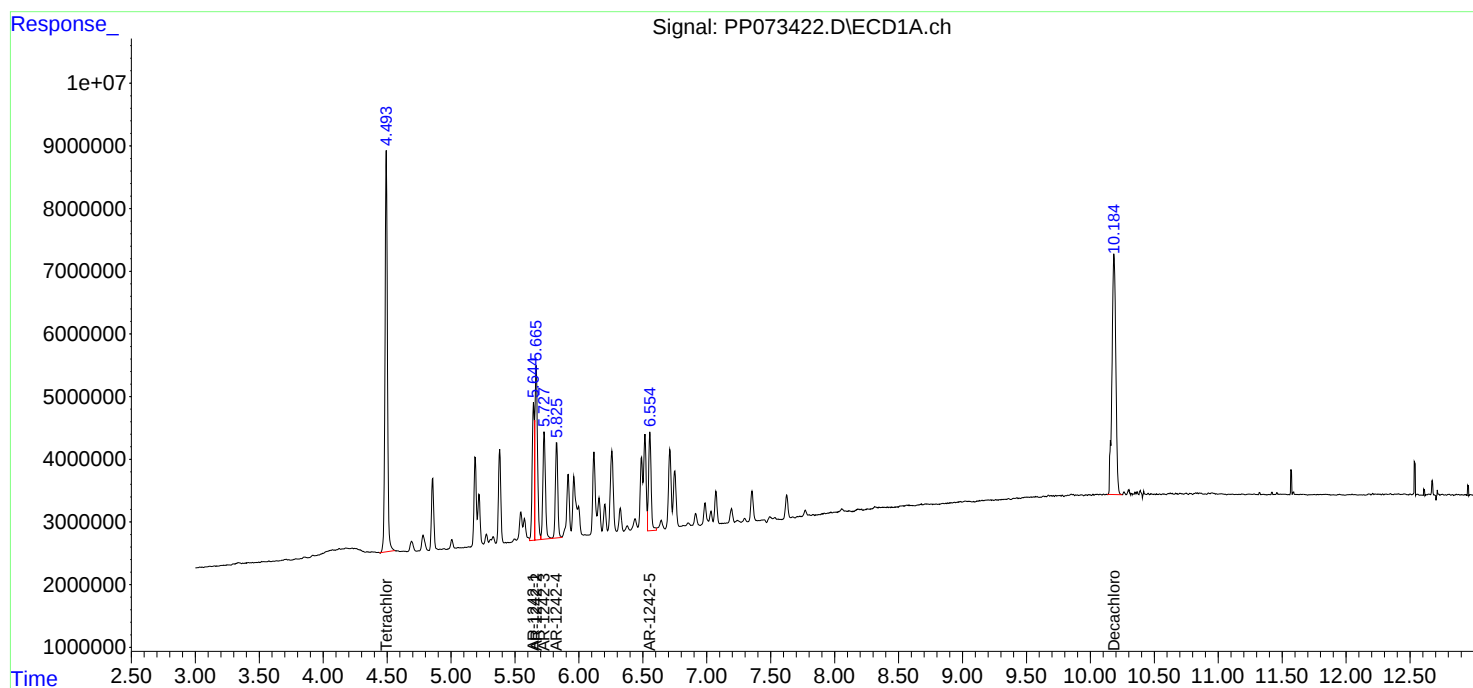
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:33
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
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\PP070125\
 Data File : PP073423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:49
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 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...	4.490	3.784	43636079	47379320	25.622	24.693
2) SA Decachlor...	10.181	8.789	38511567	39695410	24.037	25.970
Target Compounds						
16) L4 AR-1242-1	5.641	4.864	13419293	15458831	265.489	268.303
17) L4 AR-1242-2	5.662	4.882	20333065	22992077	262.615	263.720
18) L4 AR-1242-3	5.724	5.058	12665408	12387573	262.930	264.694
19) L4 AR-1242-4	5.822	5.142	10367398	11823430	256.092	262.187
20) L4 AR-1242-5	6.551	5.664	12224957	14628338	277.078	257.856

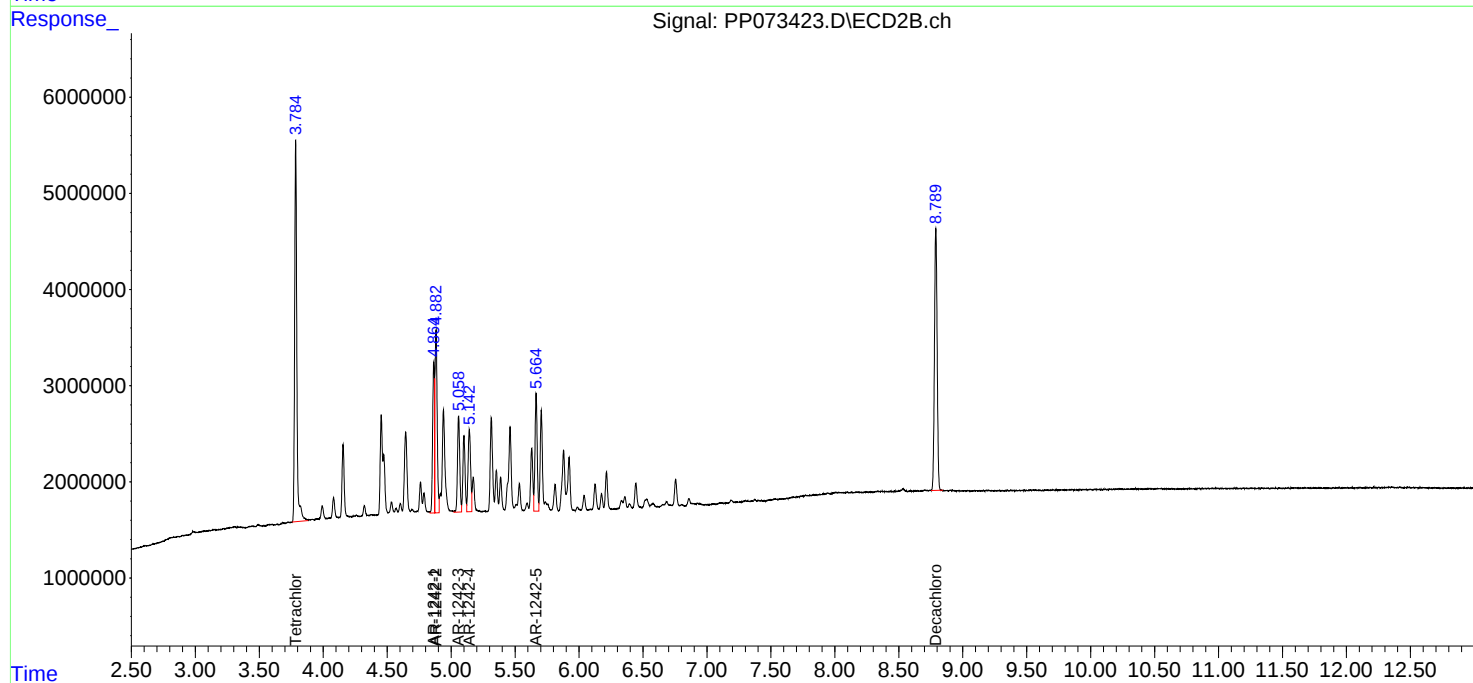
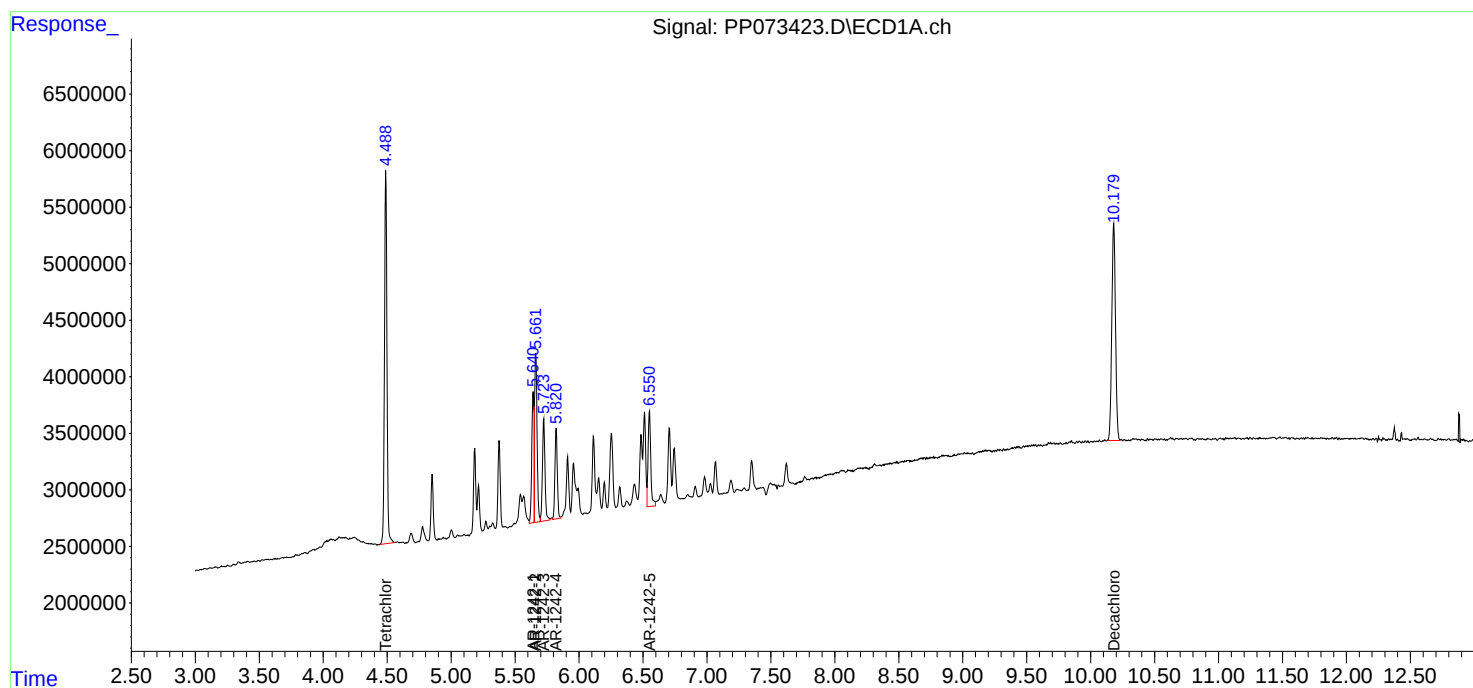
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:49
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
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\PP070125\
 Data File : PP073424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:05
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 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...	4.492	3.784	7225078	8423087	4.242	4.390
2)	SA Decachlor...	10.185	8.790	6276356	6762954	3.917	4.425
Target Compounds							
16)	L4 AR-1242-1	5.644	4.865	2706869	3228827	53.553	56.039
17)	L4 AR-1242-2	5.666	4.882	3790872	4366275	48.962	50.081
18)	L4 AR-1242-3	5.727	5.059	2620044	2264888	54.391	48.395
19)	L4 AR-1242-4	5.826	5.143	1796314	2180884	44.372	48.362
20)	L4 AR-1242-5	6.553	5.665	1947534	2673145	44.141m	47.120

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:05
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

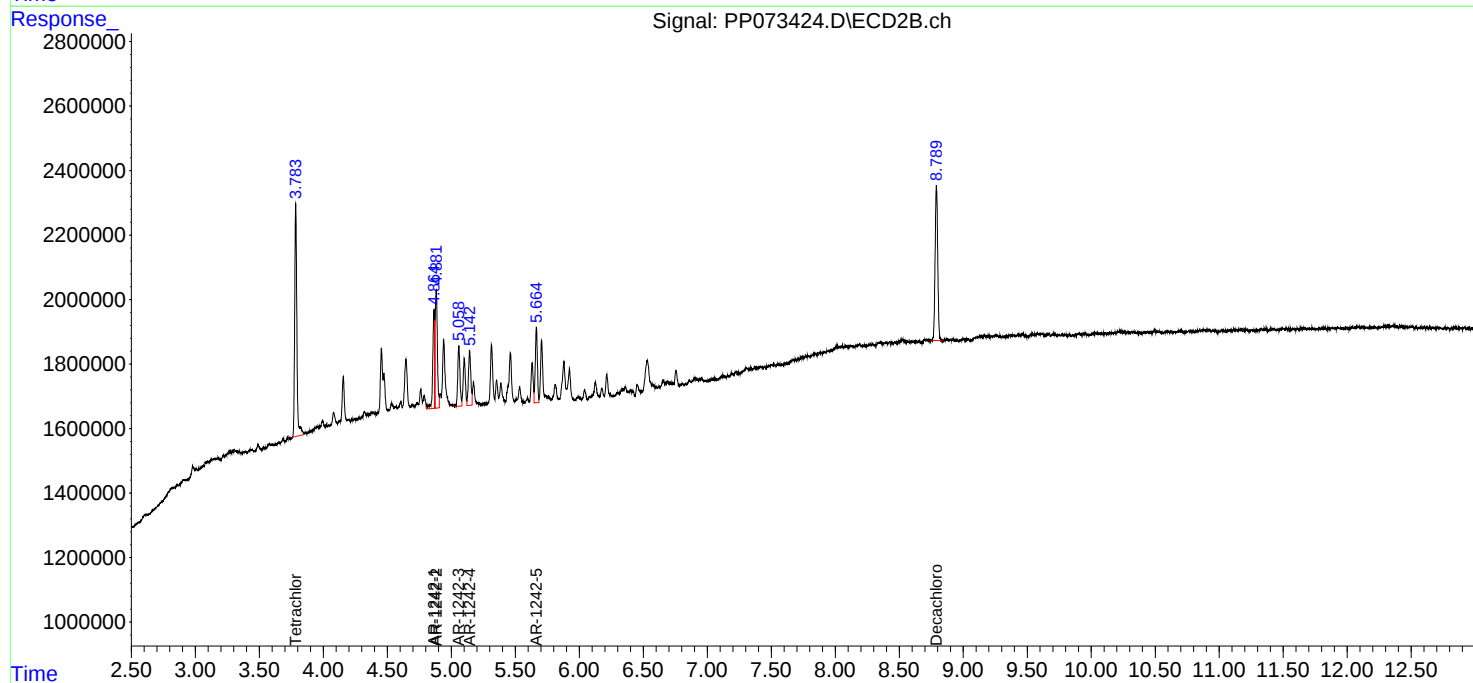
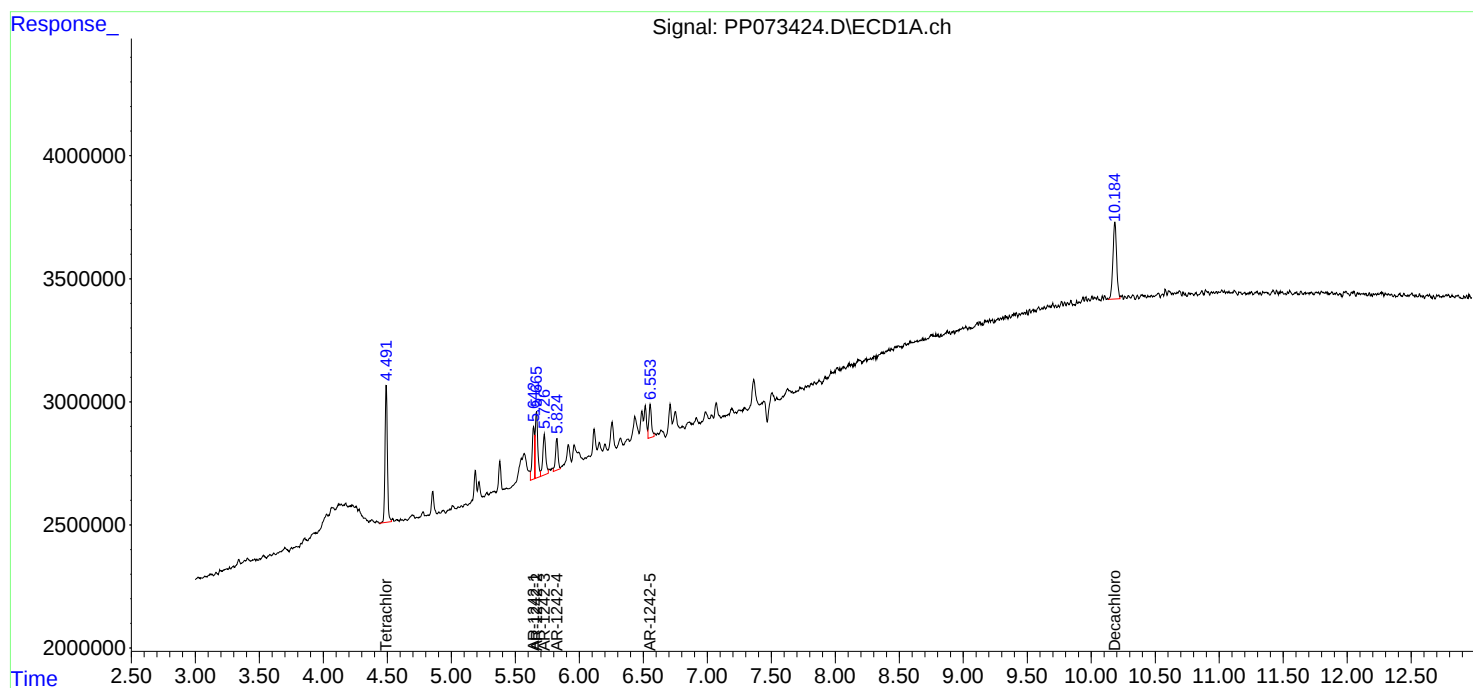
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
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\PP070125\
 Data File : PP073425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:22
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 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...	4.492	3.784	160.4E6	184.8E6	103.388	111.762
2) SA Decachlor...	10.183	8.790	150.9E6	146.8E6	102.004	110.918
Target Compounds						
21) L5 AR-1248-1	5.642	4.863	36440017	42033623	977.929	1074.595
22) L5 AR-1248-2	5.914	5.099	48329662	56827314	989.809	1070.402
23) L5 AR-1248-3	6.116	5.141	56570945	59385868	1027.776	1112.389
24) L5 AR-1248-4	6.514	5.313	68098333	69578975	985.383	1108.342
25) L5 AR-1248-5	6.553	5.704	66645751	72773558	920.387	1034.856

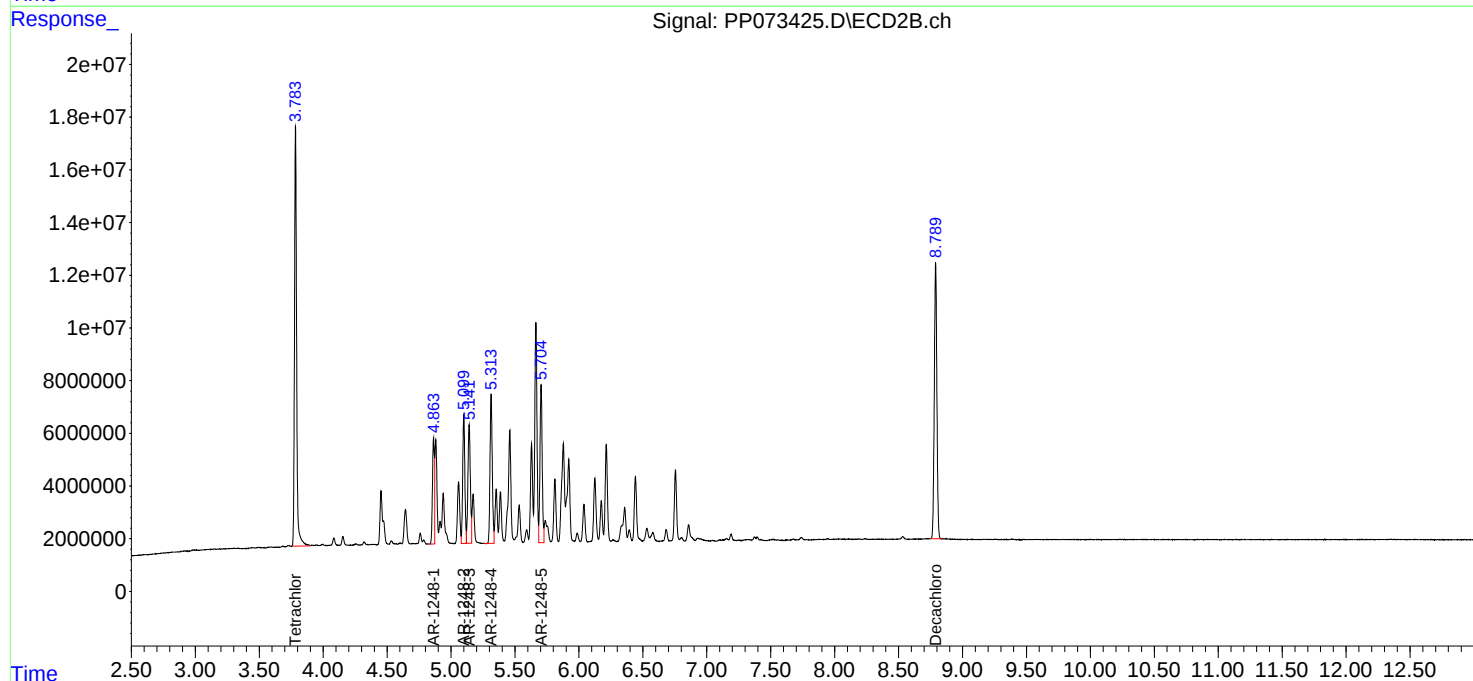
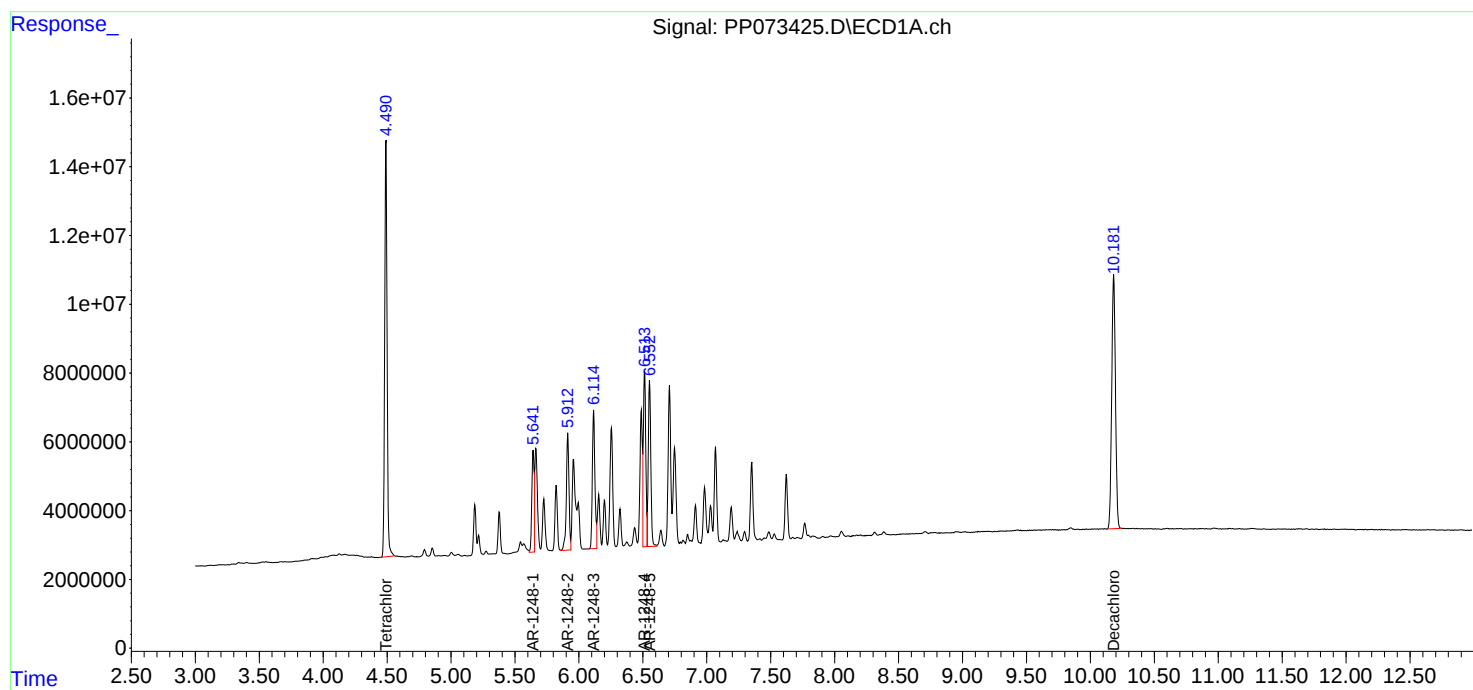
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:22
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
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\PP070125\
 Data File : PP073426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:39
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 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...	4.492	3.785	123.1E6	138.5E6	79.359	83.808
2) SA Decachlor...	10.182	8.790	114.4E6	104.2E6	77.360	78.752
Target Compounds						
21) L5 AR-1248-1	5.643	4.864	28612927	32880466	767.876	840.593
22) L5 AR-1248-2	5.914	5.101	37910785	44591712	776.427	839.931
23) L5 AR-1248-3	6.116	5.143	43806140	46372221	795.866	868.623
24) L5 AR-1248-4	6.514	5.314	53005250	54752218	766.986	872.163
25) L5 AR-1248-5	6.553	5.705	51631657	55581727	713.041	790.385

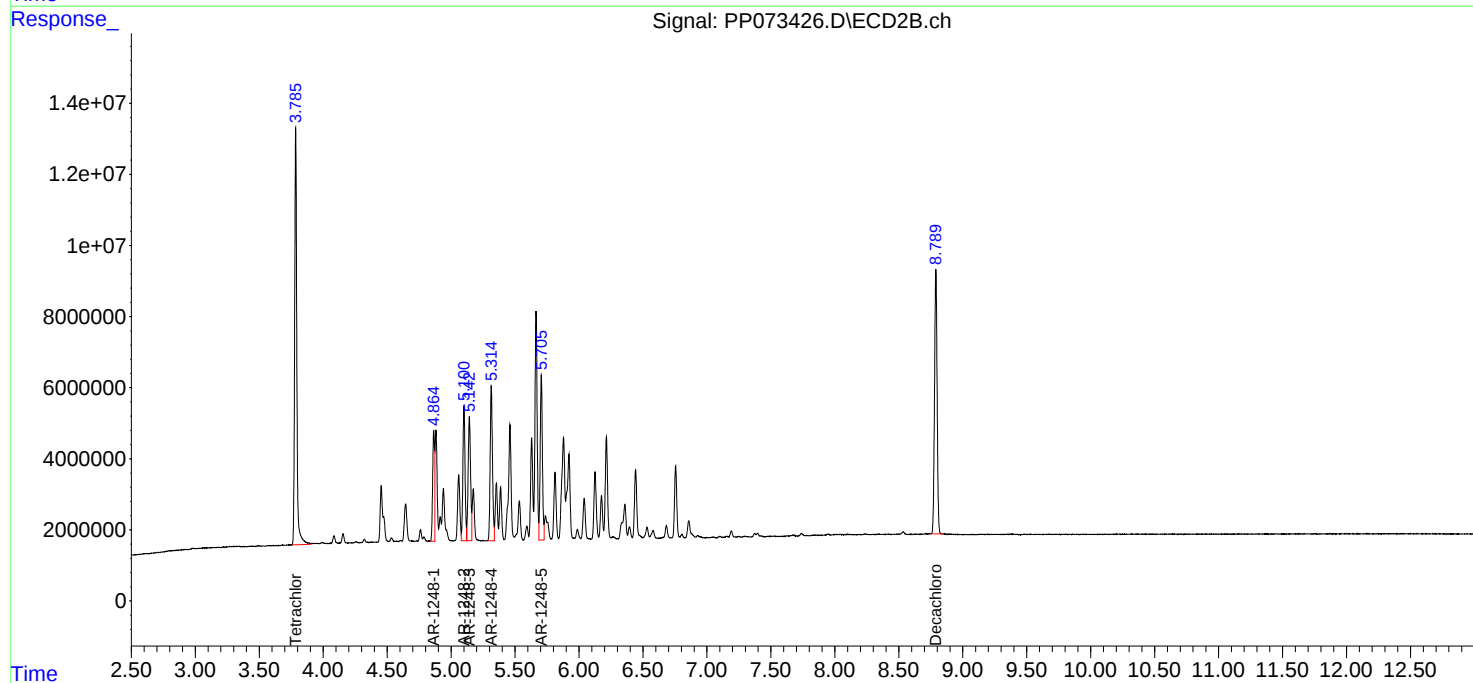
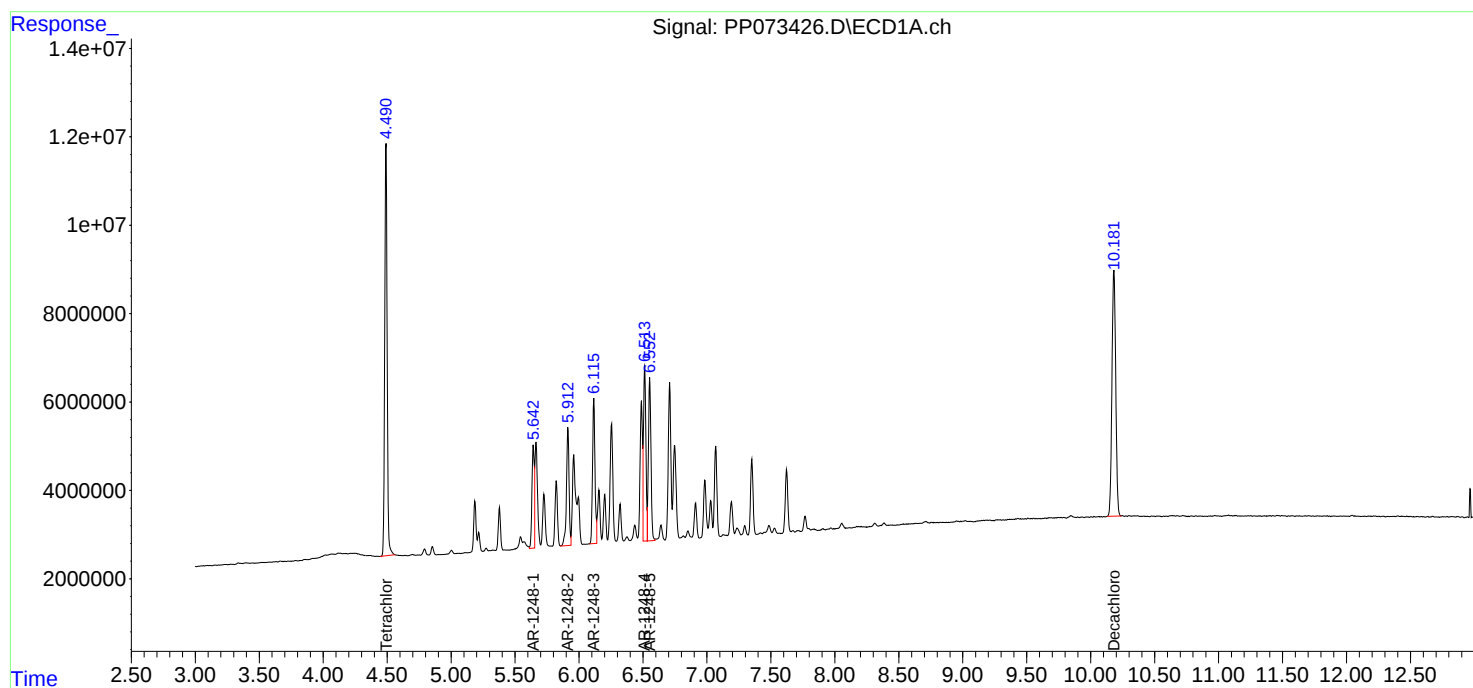
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:39
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
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\PP070125\
 Data File : PP073427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:55
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 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...	4.489	3.785	77587091	82653452	50.000	50.000
2) SA Decachlor...	10.180	8.790	73944063	66181018	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.640	4.864	18631218	19557888	500.000	500.000
22) L5 AR-1248-2	5.912	5.101	24413627	26544856	500.000	500.000
23) L5 AR-1248-3	6.114	5.142	27521049	26692940	500.000	500.000
24) L5 AR-1248-4	6.513	5.314	34554235	31388758	500.000	500.000
25) L5 AR-1248-5	6.551	5.704	36205269	35161187	500.000	500.000

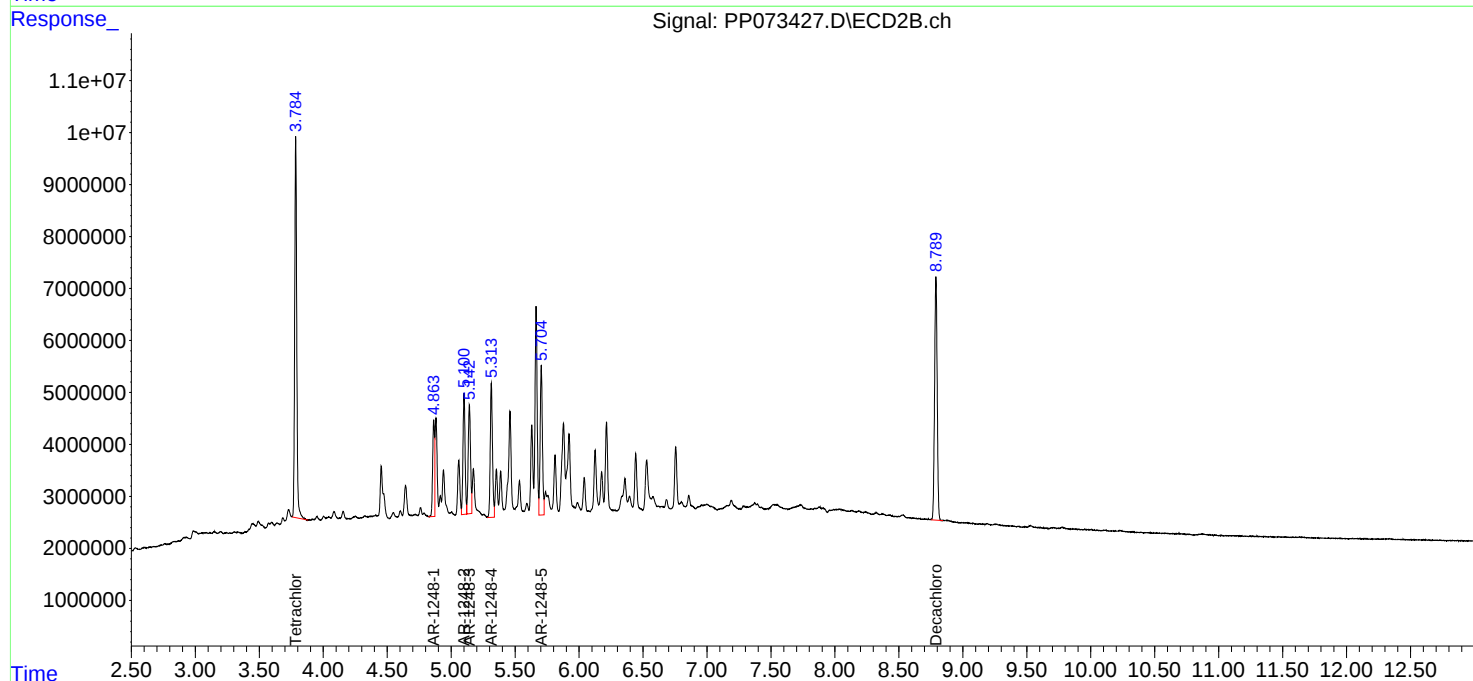
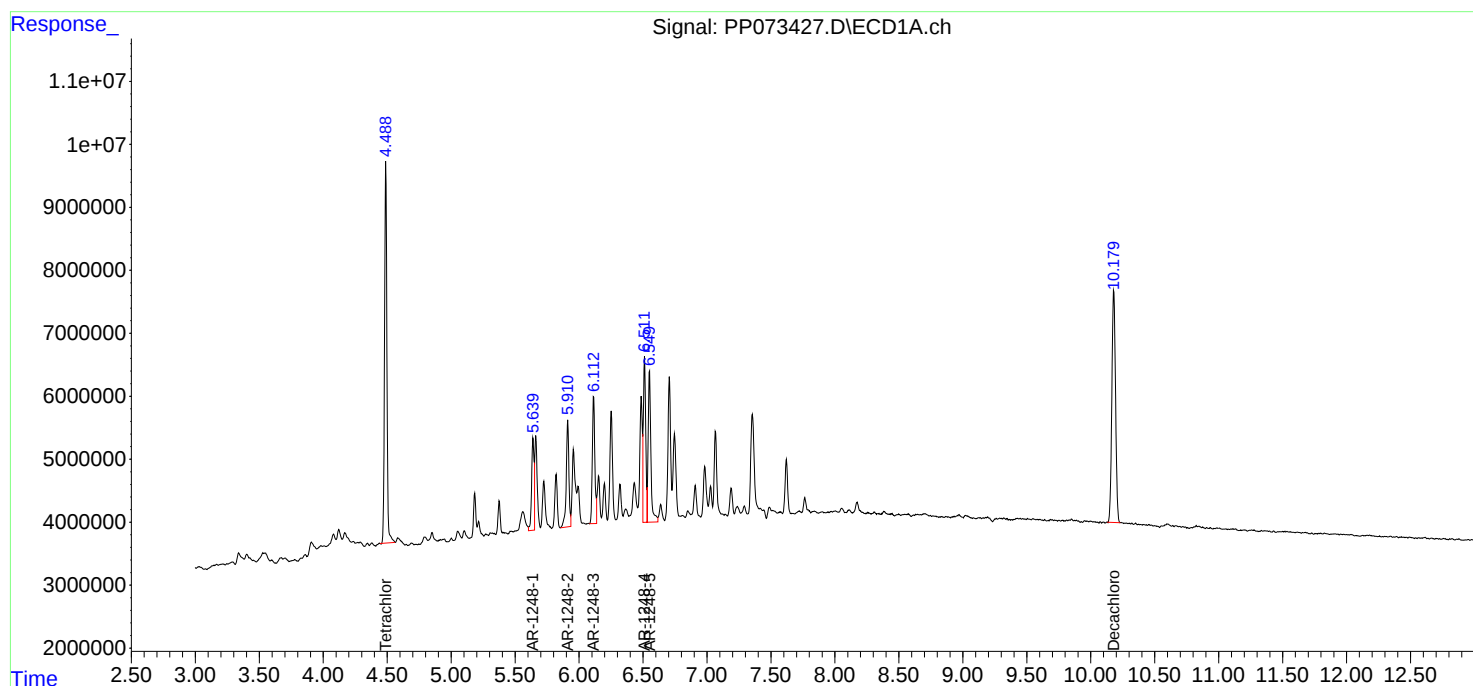
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:55
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
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\PP070125\
 Data File : PP073428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:12
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 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...	4.493	3.784	42016851	45188031	27.077	27.336
2) SA Decachlor...	10.185	8.789	38500242	38634687	26.033	29.189
Target Compounds						
21) L5 AR-1248-1	5.644	4.863	10363024	11555190	278.109	295.410
22) L5 AR-1248-2	5.915	5.100	12944597	15620546	265.110	294.229
23) L5 AR-1248-3	6.117	5.142	15180592	16166933	275.800	302.832
24) L5 AR-1248-4	6.516	5.313	18987735	19169787	274.753	305.361
25) L5 AR-1248-5	6.555	5.704	18969439	19356367	261.971	275.252

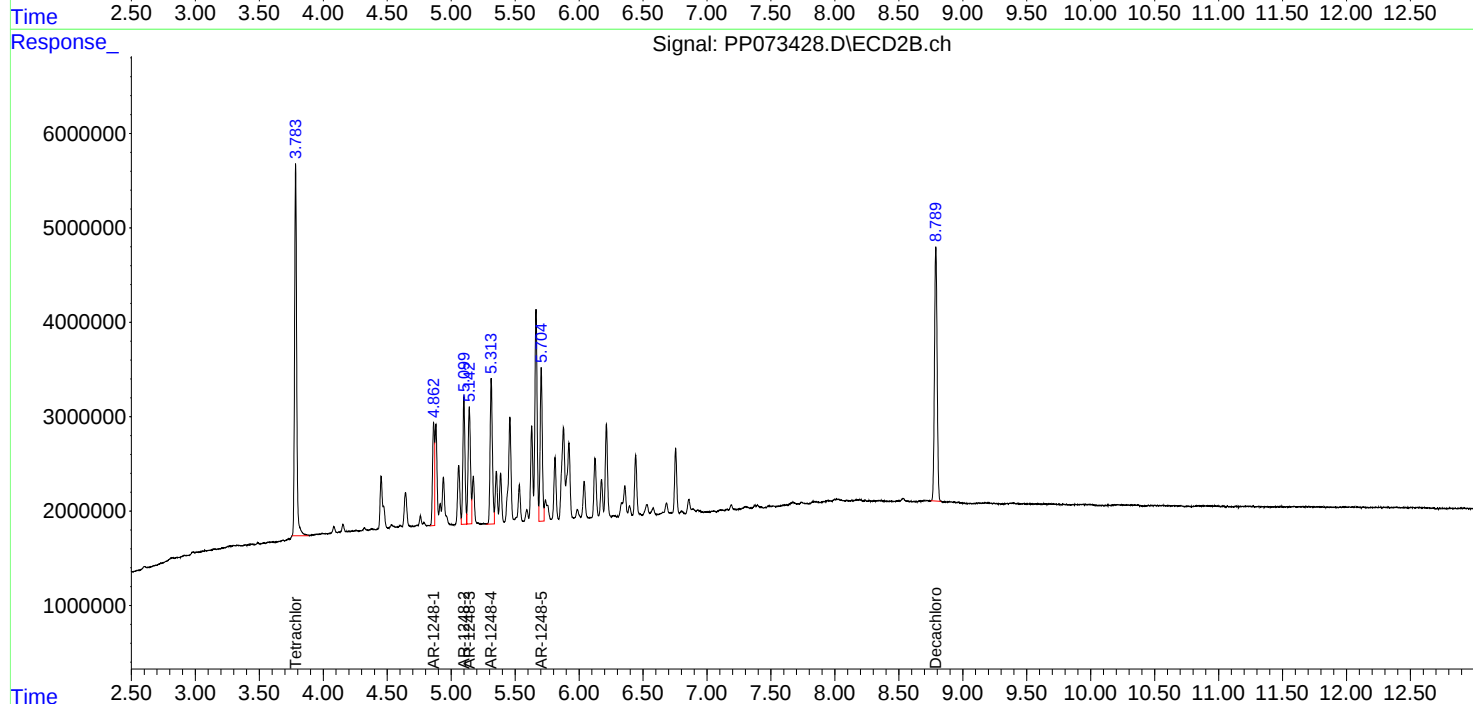
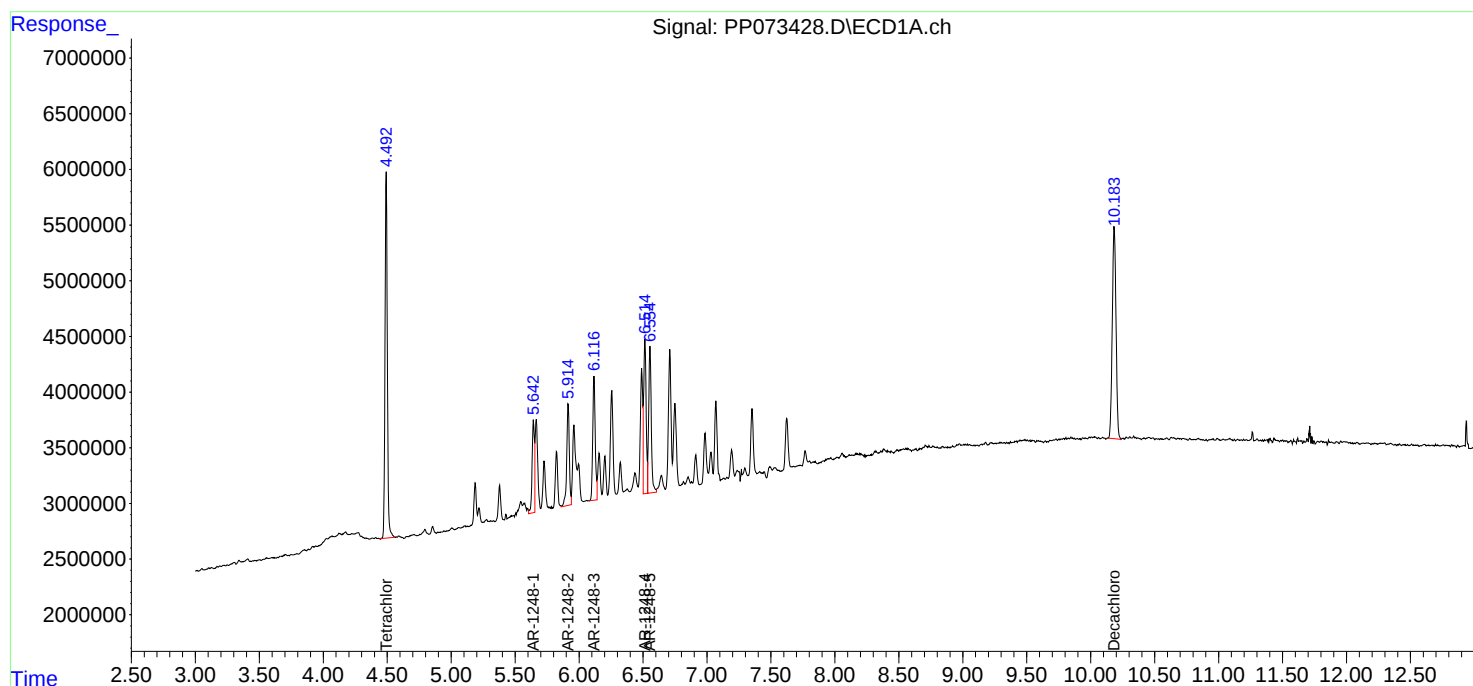
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:12
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
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\PP070125\
 Data File : PP073429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:28
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 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...	4.491	3.784	6974748	8112567	4.495	4.908
2) SA Decachlor...	10.183	8.789	6340354	6776882	4.287	5.120
Target Compounds						
21) L5 AR-1248-1	5.642	4.864	2114319	2437798	56.741	62.323
22) L5 AR-1248-2	5.913	5.100	2928122	3133689	59.969	59.026
23) L5 AR-1248-3	6.115	5.142	2629609	3125553	47.775	58.546
24) L5 AR-1248-4	6.512	5.314	3404488	3727193	49.263m	59.371
25) L5 AR-1248-5	6.551	5.705	3308295	3656054	45.688m	51.990

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:28
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

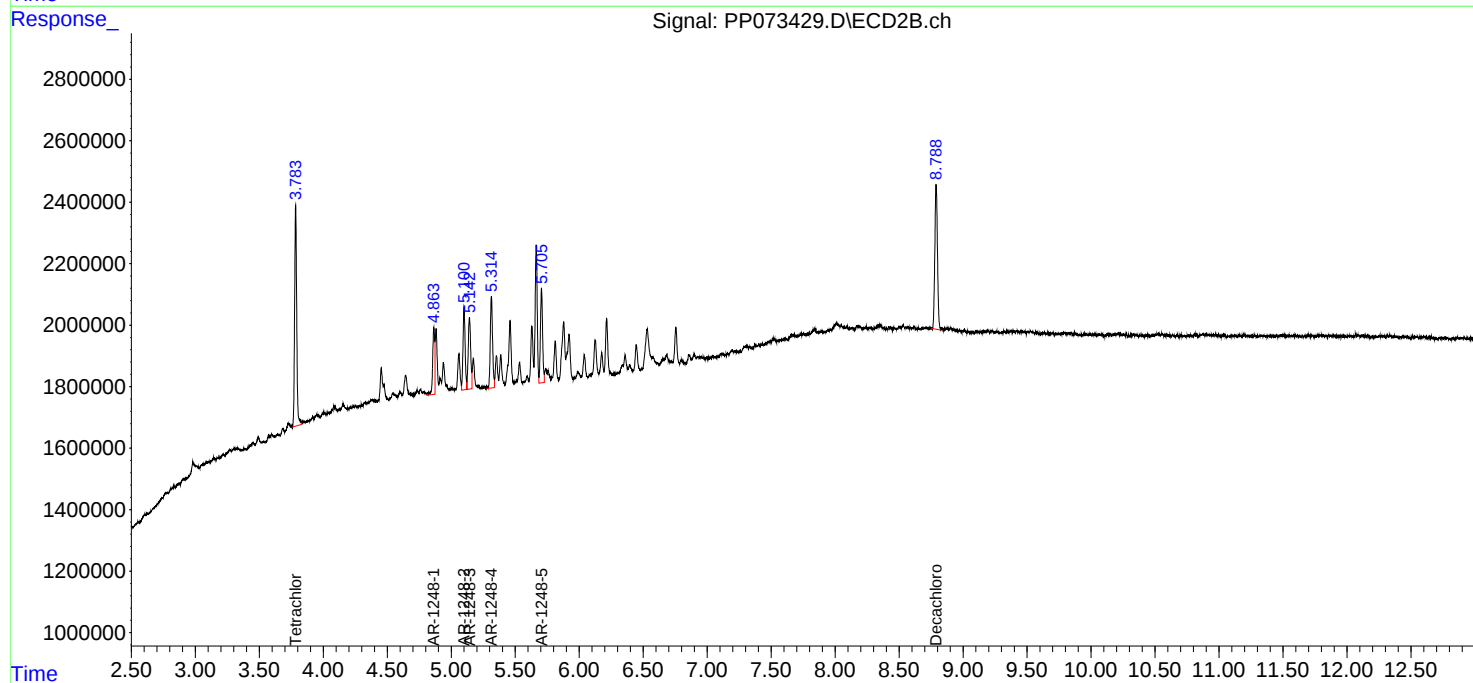
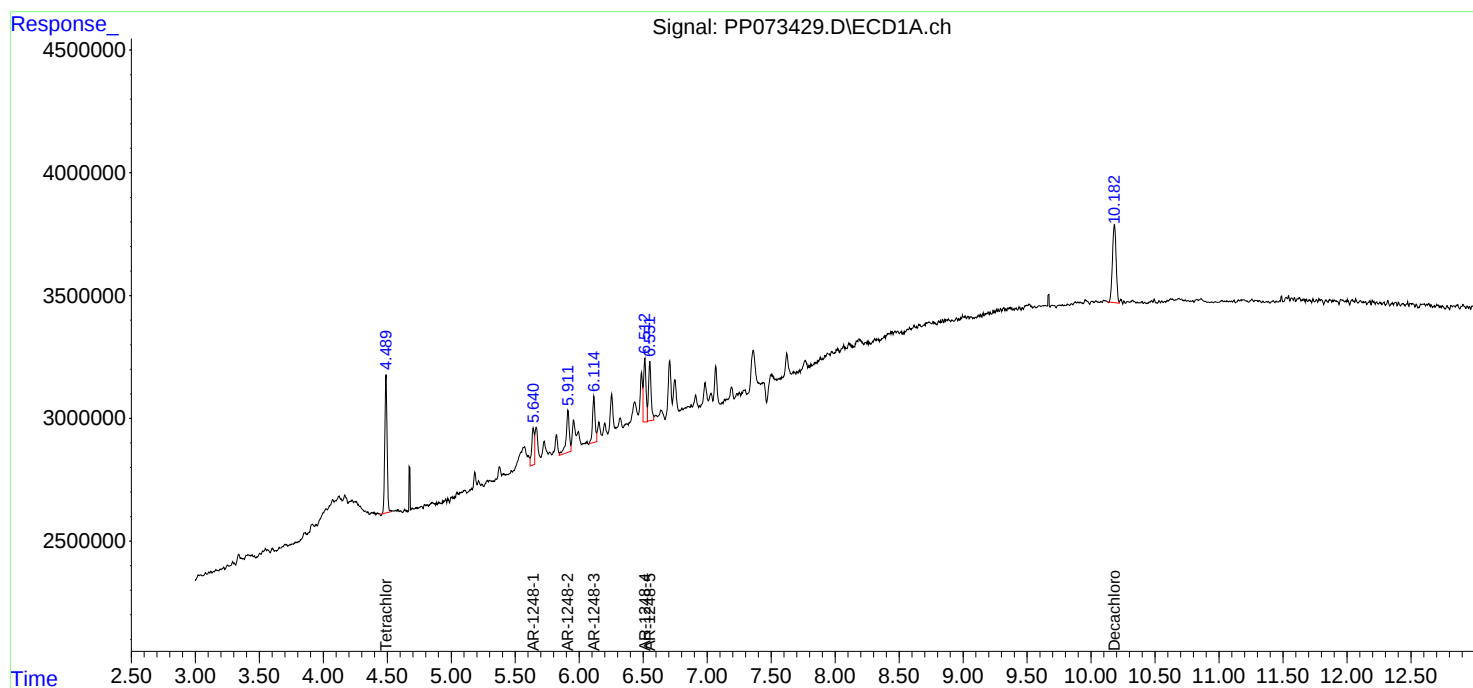
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
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\PP070125\
 Data File : PP073430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 18:45
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 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...	4.488	3.783	157.8E6	175.5E6	93.834	94.941
2) SA Decachlor...	10.178	8.789	148.2E6	136.5E6	95.152	93.158
Target Compounds						
26) L6 AR-1254-1	6.487	5.663	63999015	102.9E6	919.421	944.108
27) L6 AR-1254-2	6.704	5.811	96232579	89245302	935.295	945.717
28) L6 AR-1254-3	7.067	6.214	103.4E6	143.5E6	927.780	971.248
29) L6 AR-1254-4	7.349	6.441	94005550	87925313	946.291	955.936
30) L6 AR-1254-5	7.765	6.857	92682459	128.5E6	949.011	968.943

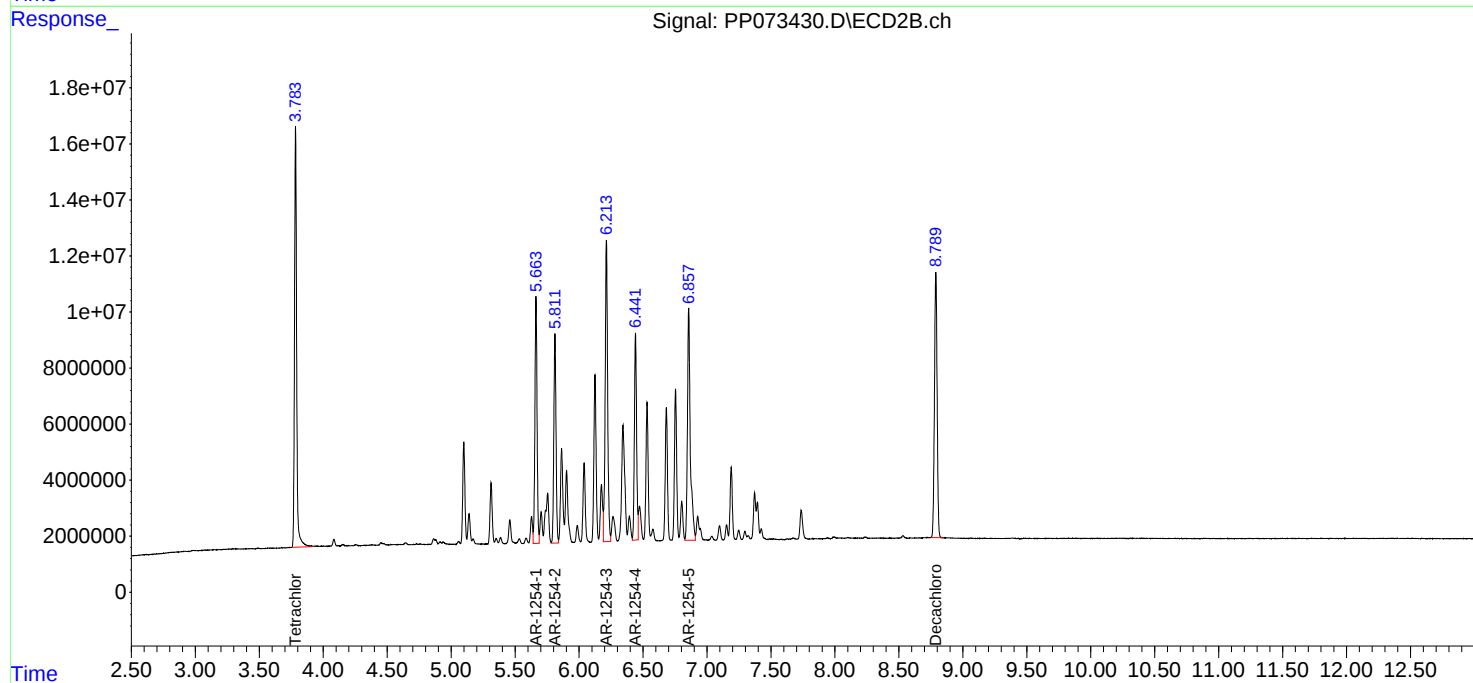
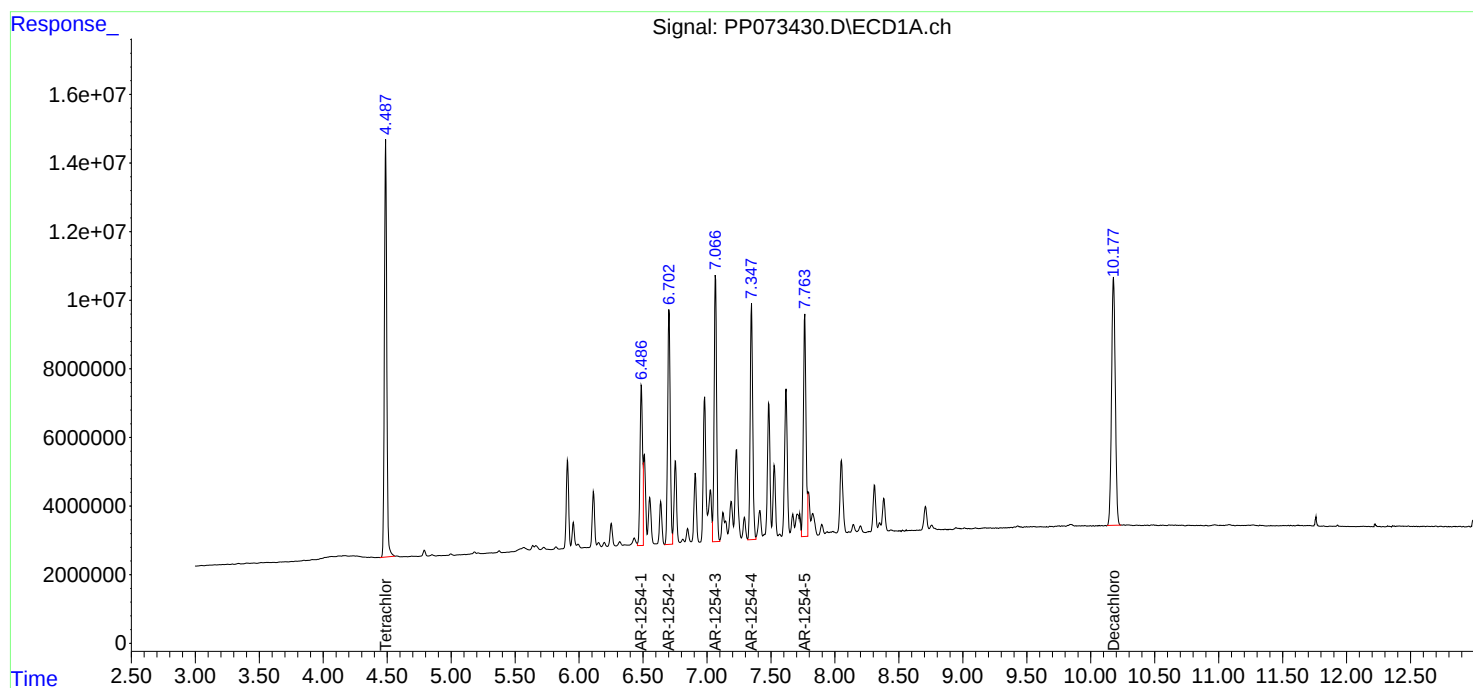
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 18:45
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:01
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 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...	4.492	3.784	123.4E6	136.1E6	73.372	73.604
2)	SA Decachlor...	10.184	8.789	114.3E6	108.1E6	73.438	73.792
Target Compounds							
26)	L6 AR-1254-1	6.491	5.663	50875749	79944383	730.890	733.246
27)	L6 AR-1254-2	6.707	5.811	75727033	69497909	735.999	736.457
28)	L6 AR-1254-3	7.070	6.213	81107828	109.6E6	728.095	741.474
29)	L6 AR-1254-4	7.352	6.442	73247579	69019922	737.334	750.394
30)	L6 AR-1254-5	7.768	6.858	72029008	100.1E6	737.532	754.795

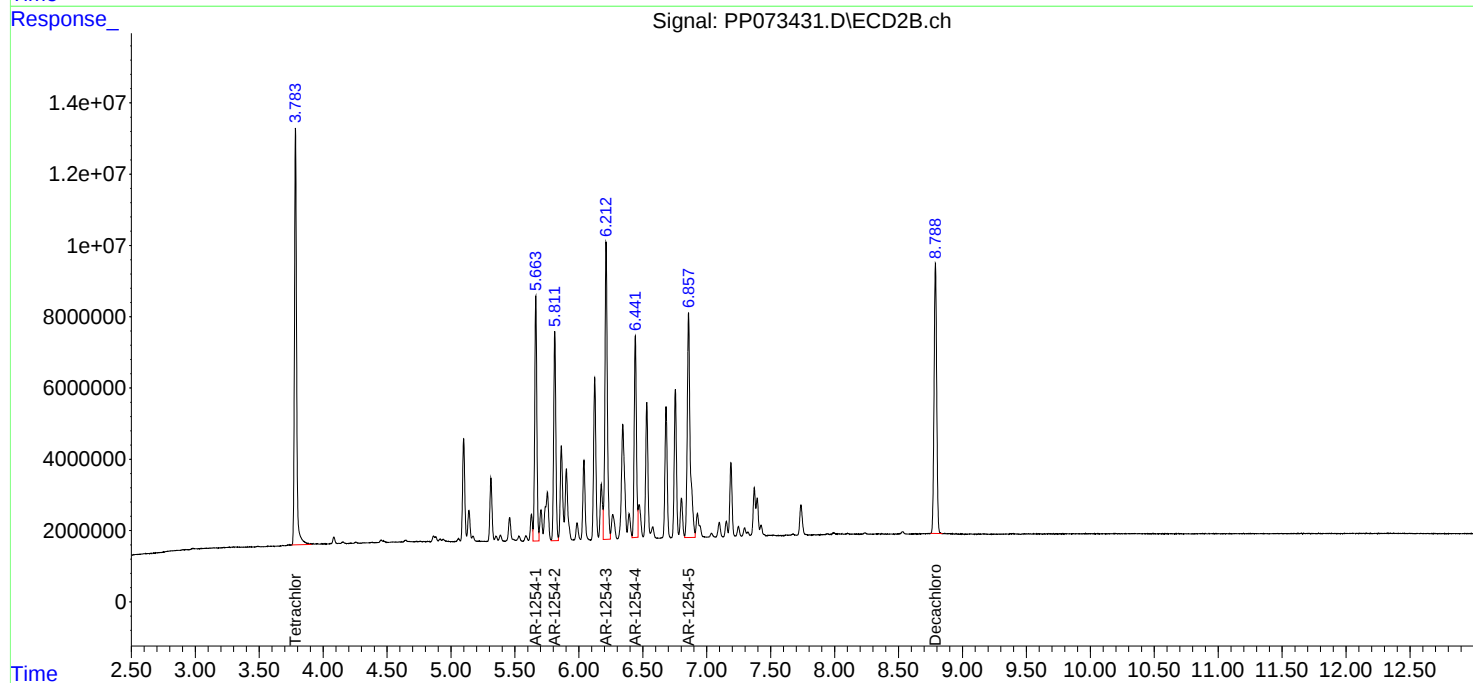
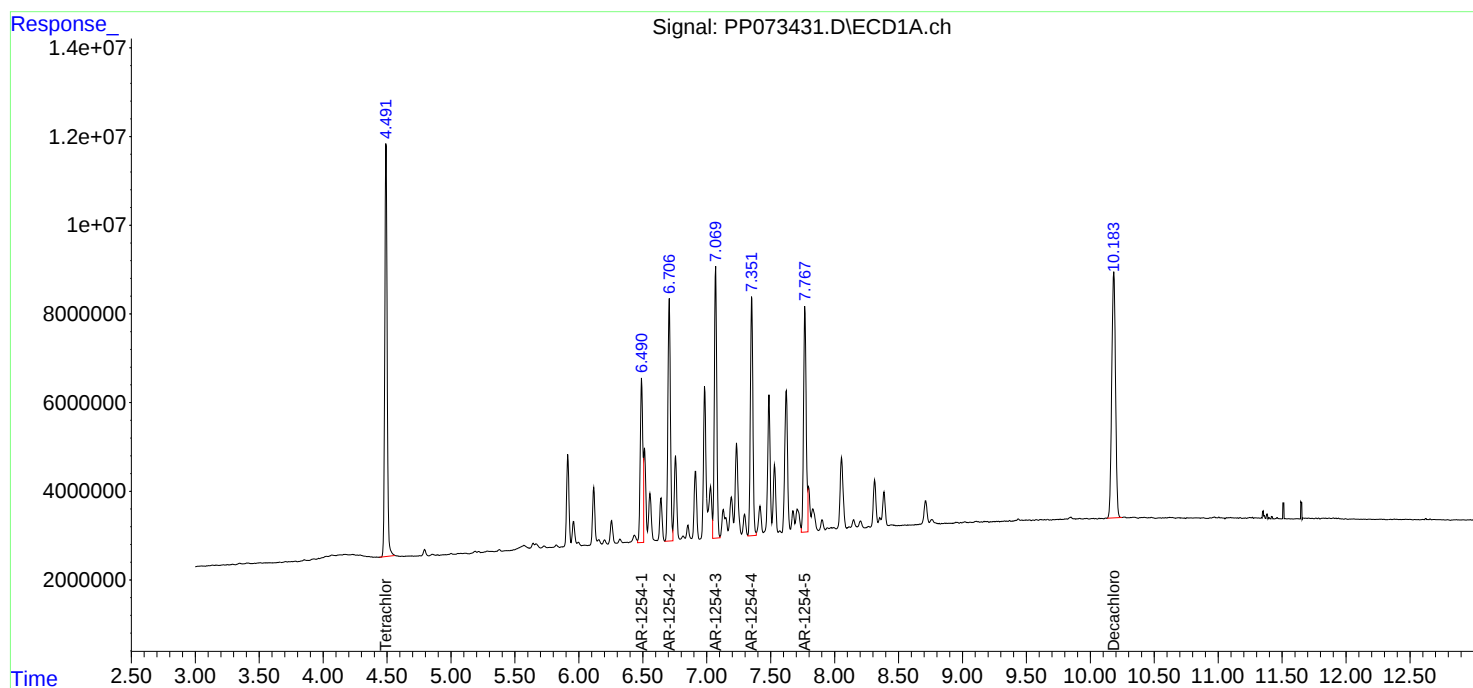
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073431.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:01
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:18
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 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...	4.490	3.784	84066650	92430979	50.000	50.000
2) SA Decachlor...	10.181	8.789	77850371	73277086	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.489	5.663	34803964	54514050	500.000	500.000
27) L6 AR-1254-2	6.705	5.812	51445059	47183929	500.000	500.000
28) L6 AR-1254-3	7.068	6.214	55698629	73891310	500.000	500.000
29) L6 AR-1254-4	7.350	6.442	49670528	45989122	500.000	500.000
30) L6 AR-1254-5	7.766	6.858	48831087	66295418	500.000	500.000

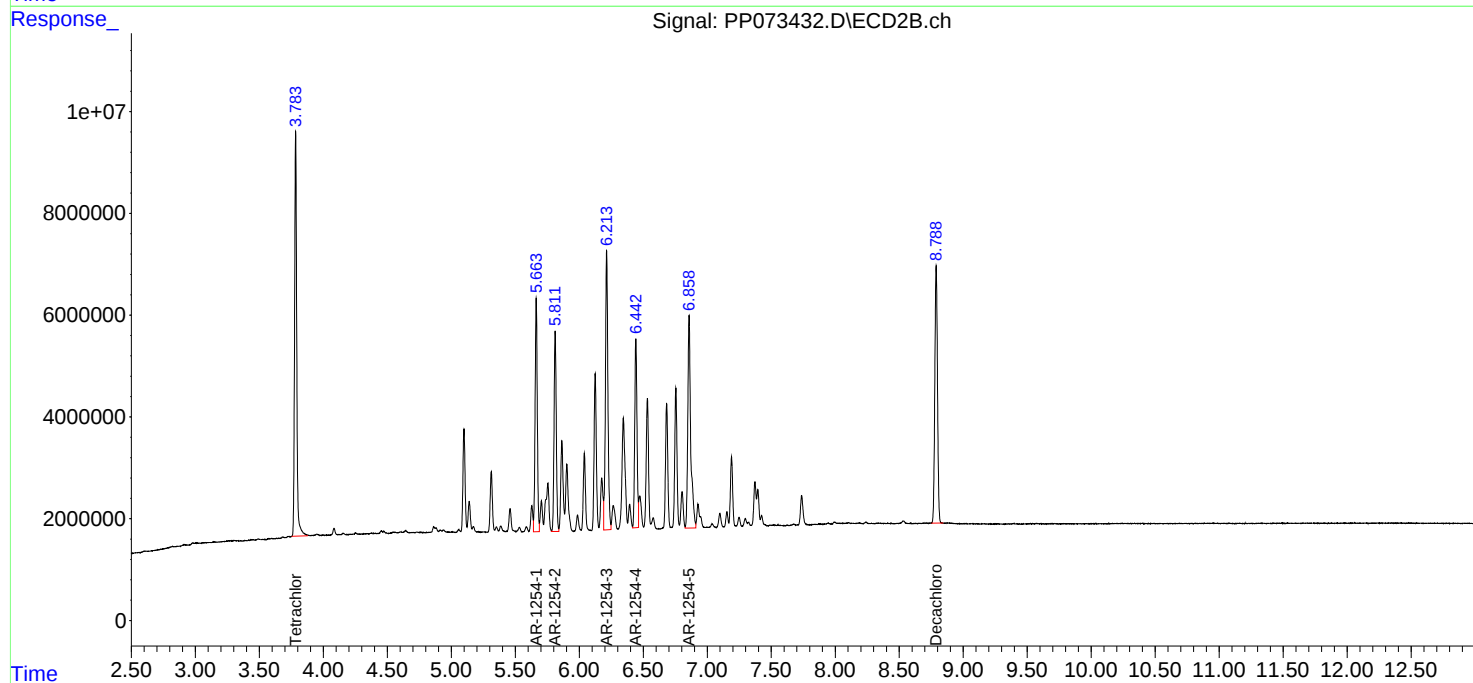
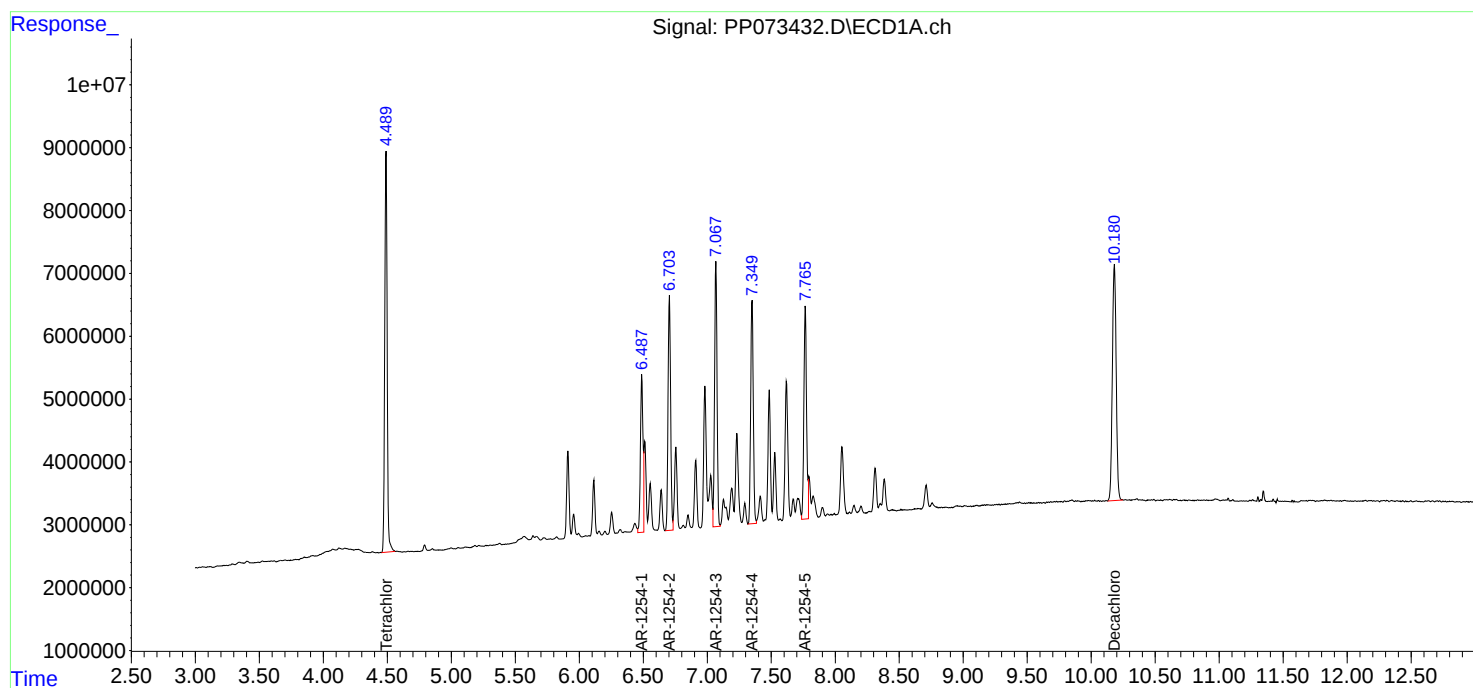
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:18
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:35
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 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...	4.489	3.784	44133317	48213287	26.249	26.081
2) SA Decachlor...	10.179	8.788	39722884	39245134	25.512	26.779
Target Compounds						
26) L6 AR-1254-1	6.488	5.664	19013532	30182932	273.152	276.836
27) L6 AR-1254-2	6.704	5.812	27573021	26319487	267.985	278.903
28) L6 AR-1254-3	7.067	6.213	29220918	40420293	262.313	273.512
29) L6 AR-1254-4	7.349	6.442	25922692	25185924	260.946	273.825
30) L6 AR-1254-5	7.765	6.858	25251815	34861235	258.563	262.923

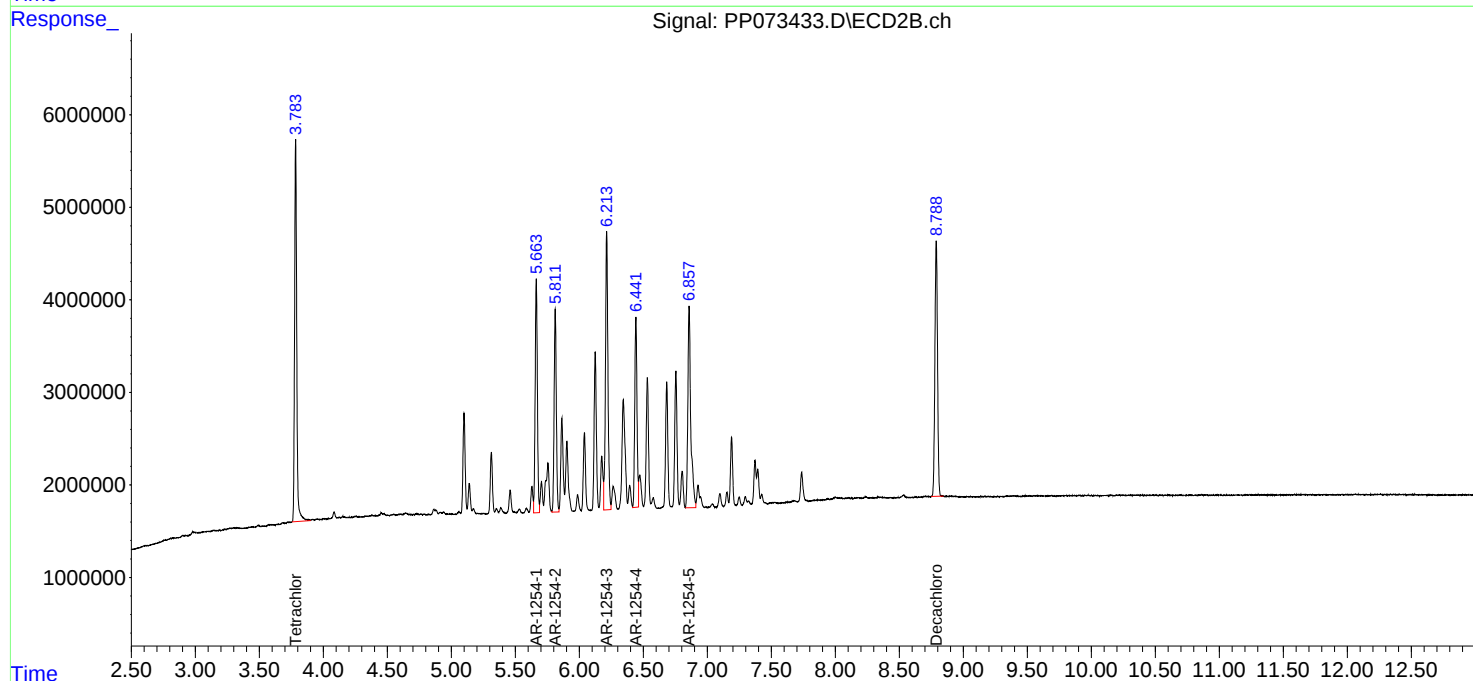
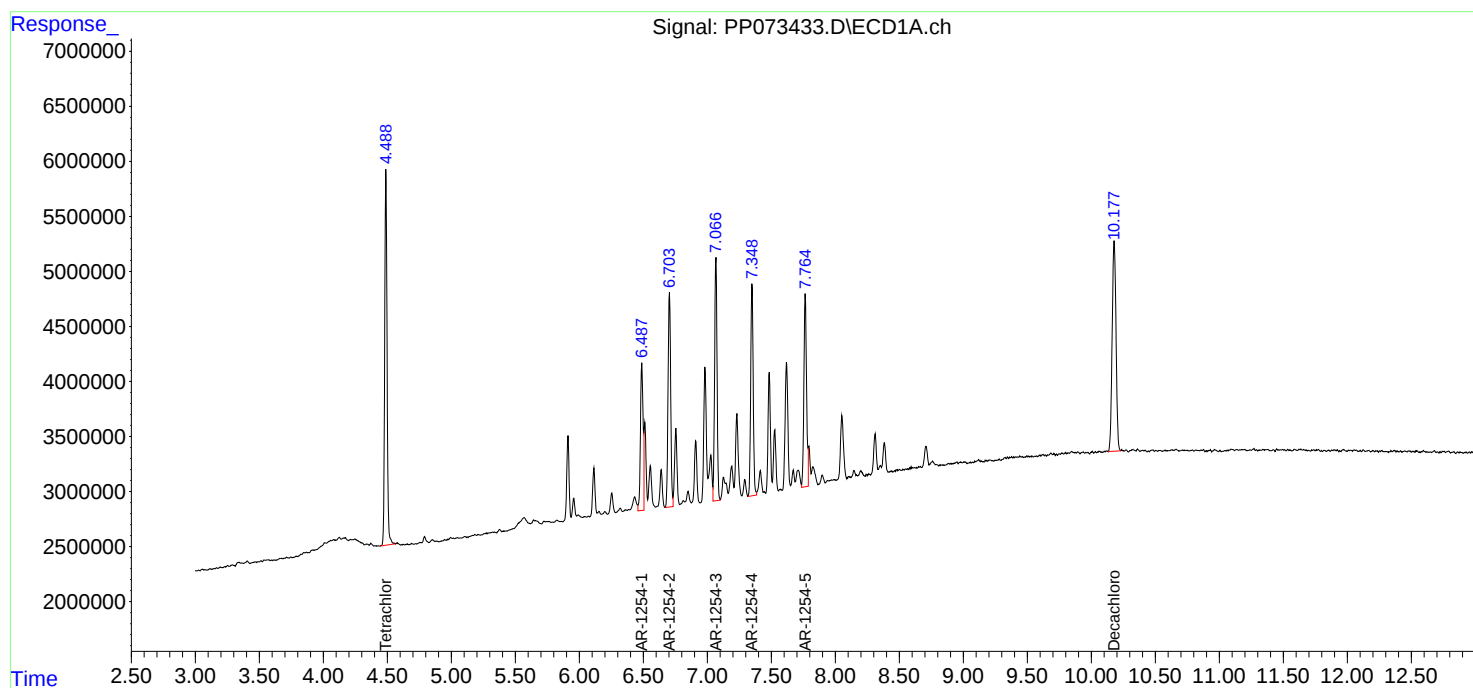
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:35
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 19:51
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:18:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 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...	4.490	3.782	7015780	7573994	4.173	4.097m
2)	SA Decachlor...	10.180	8.788	6301763	7013067	4.047	4.785
Target Compounds							
26)	L6 AR-1254-1	6.487	5.663	3858067	5422793	55.426m	49.738
27)	L6 AR-1254-2	6.703	5.810	5265658	5167702	51.177m	54.761
28)	L6 AR-1254-3	7.066	6.213	6430422	6879717	57.725m	46.553
29)	L6 AR-1254-4	7.349	6.442	5136517	3922527	51.706m	42.646
30)	L6 AR-1254-5	7.765	6.857	4323827	6571519	44.273m	49.562

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 19:51
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

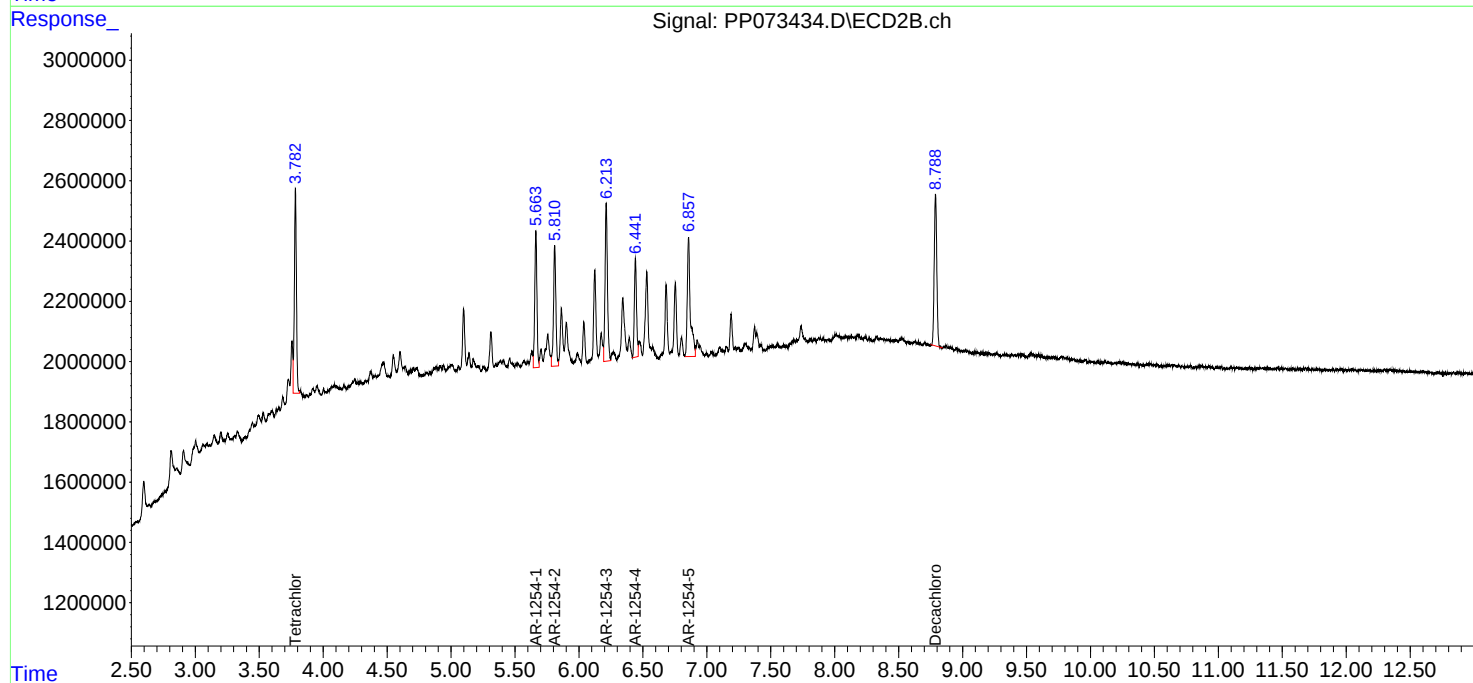
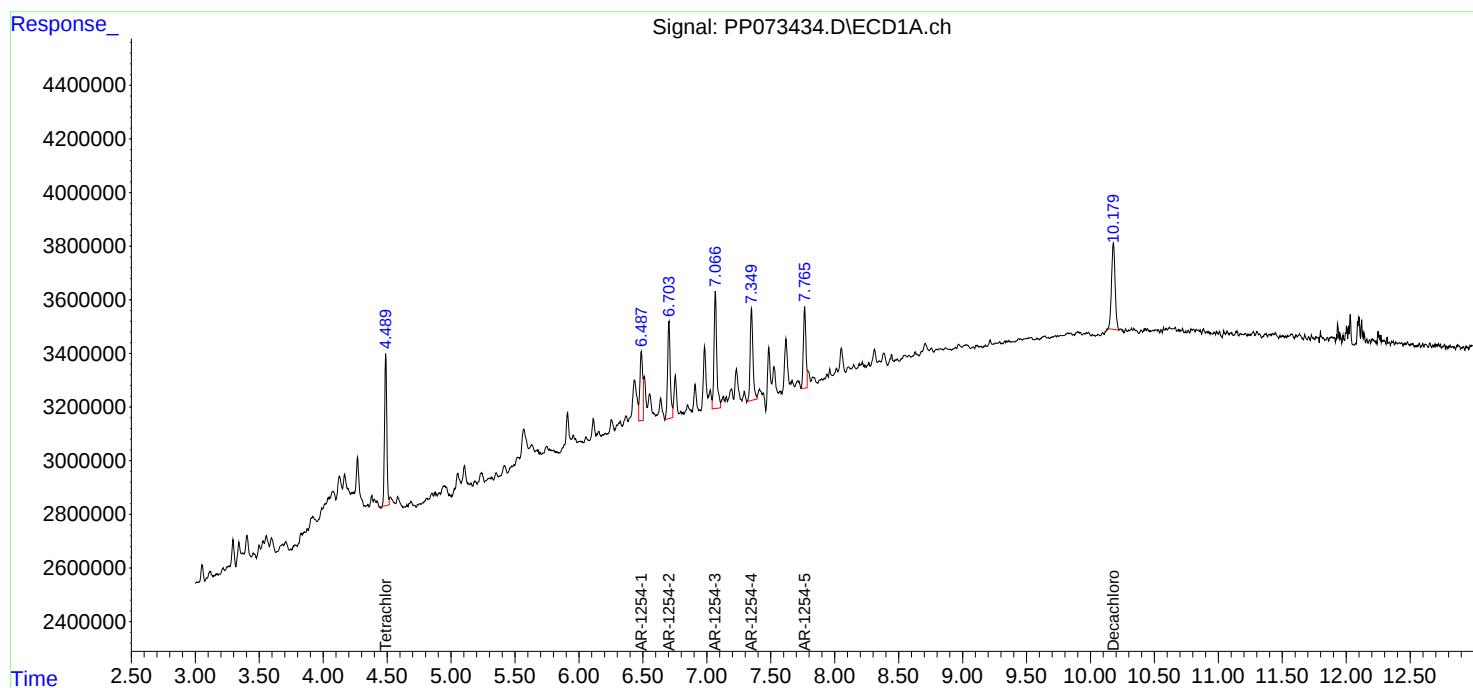
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:18:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
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\PP070125\
 Data File : PP073435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 20:08
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:37:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:37:04 2025
 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...	4.489	3.783	83568540	92029378	50.000	50.000
2) SA Decachlor...	10.180	8.789	77323391	74822430	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.067	6.896	57612317	75026399	500.000	500.000
37) L8 AR-1262-2	8.383	7.153	124.5E6	62416939	500.000	500.000
38) L8 AR-1262-3	8.697	7.676	81646825	55578701	500.000	500.000
39) L8 AR-1262-4	8.783	7.741	61004541	91141537	500.000	500.000
40) L8 AR-1262-5	9.432	8.238	43476865	43600894	500.000	500.000

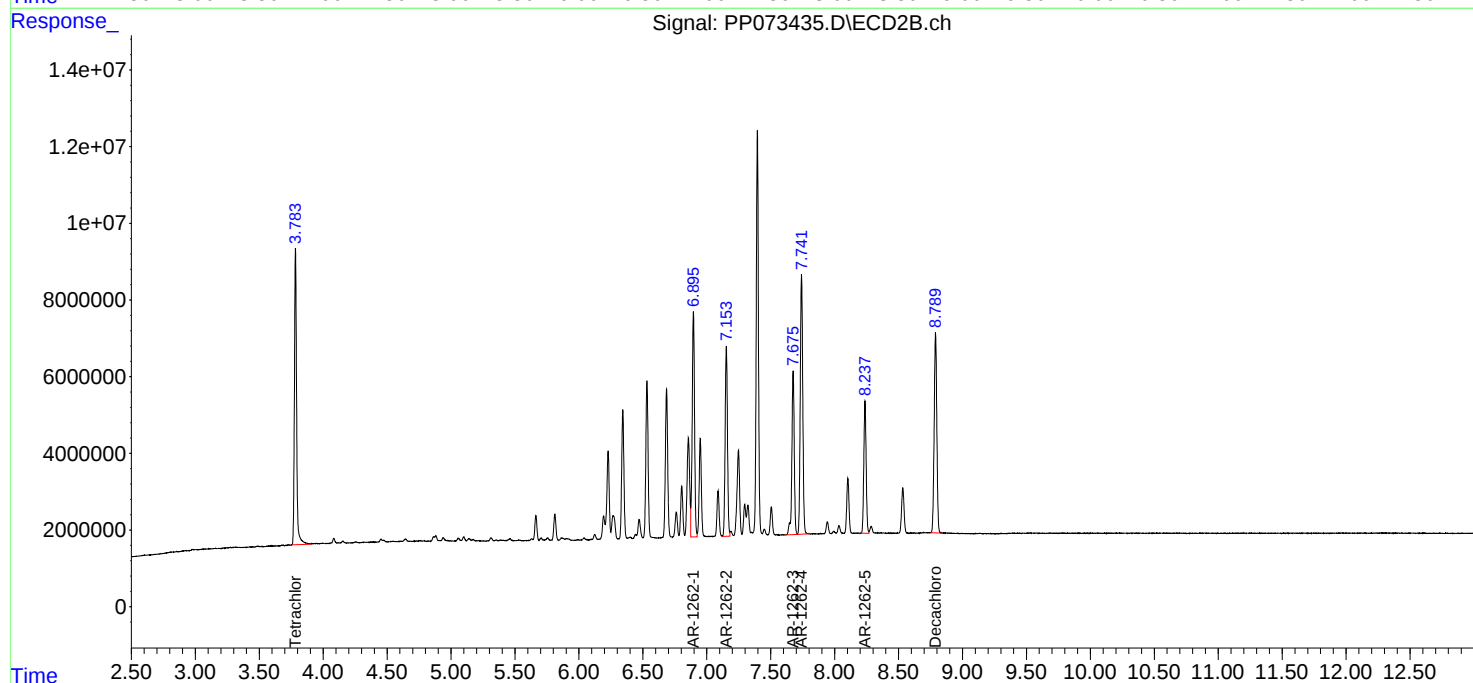
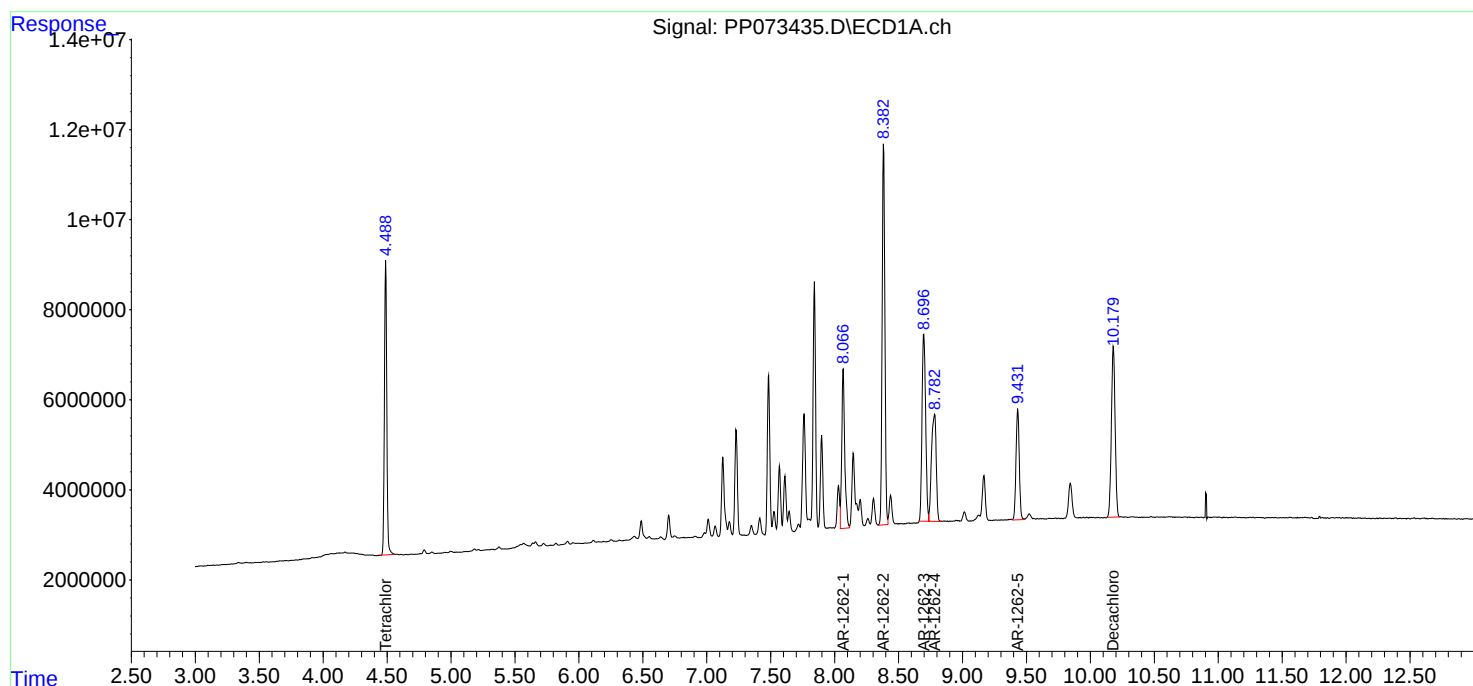
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 20:08
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:37:04 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 20:24
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.490	3.784	161.8E6	183.6E6	93.157	97.537
2) SA Decachlor...	10.181	8.789	265.8E6	250.4E6	93.524	92.709
Target Compounds						
41) L9 AR-1268-1	8.696	7.675	286.6E6	282.6E6	932.133	928.414
42) L9 AR-1268-2	8.789	7.742	247.9E6	251.1E6	931.230	922.957
43) L9 AR-1268-3	9.017	7.943	214.7E6	211.3E6	938.851	917.981
44) L9 AR-1268-4	9.435	8.237	94022064	93313531	953.632	927.151
45) L9 AR-1268-5	9.846	8.534	630.9E6	614.9E6	954.818	951.394

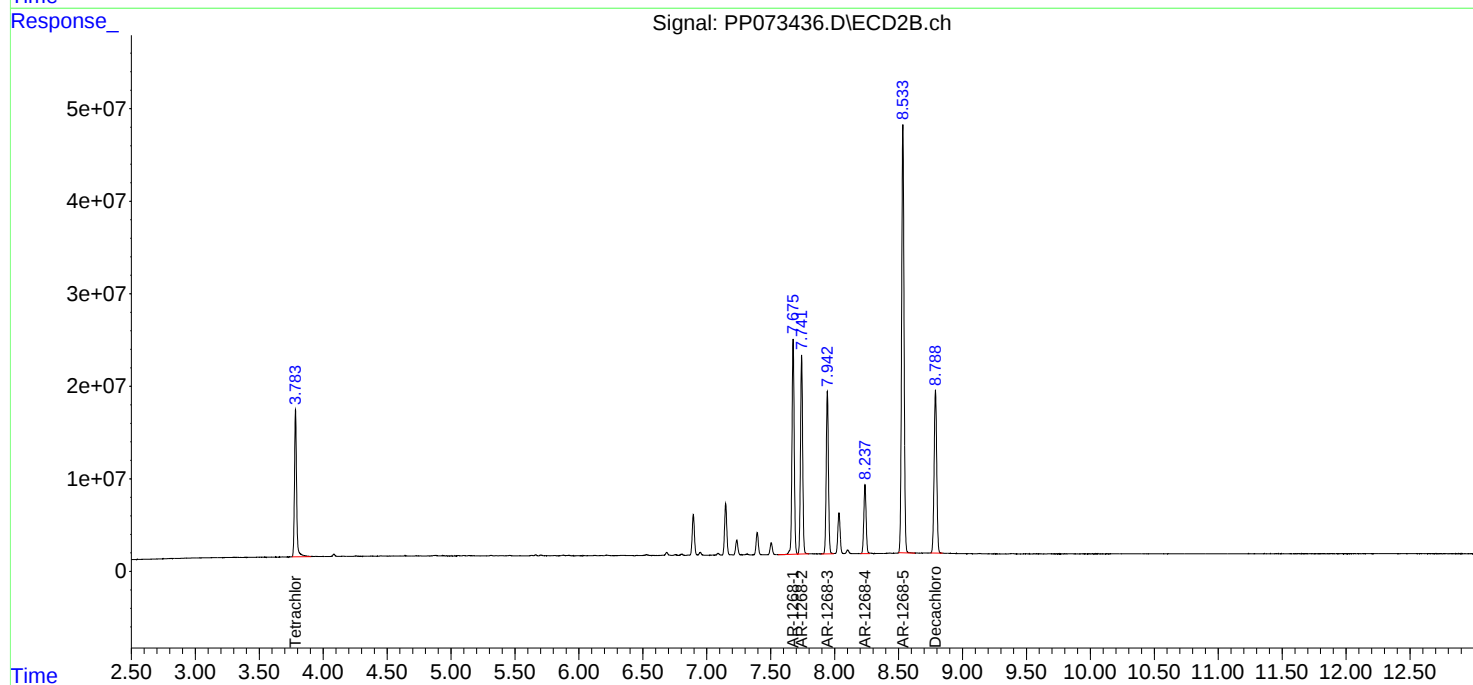
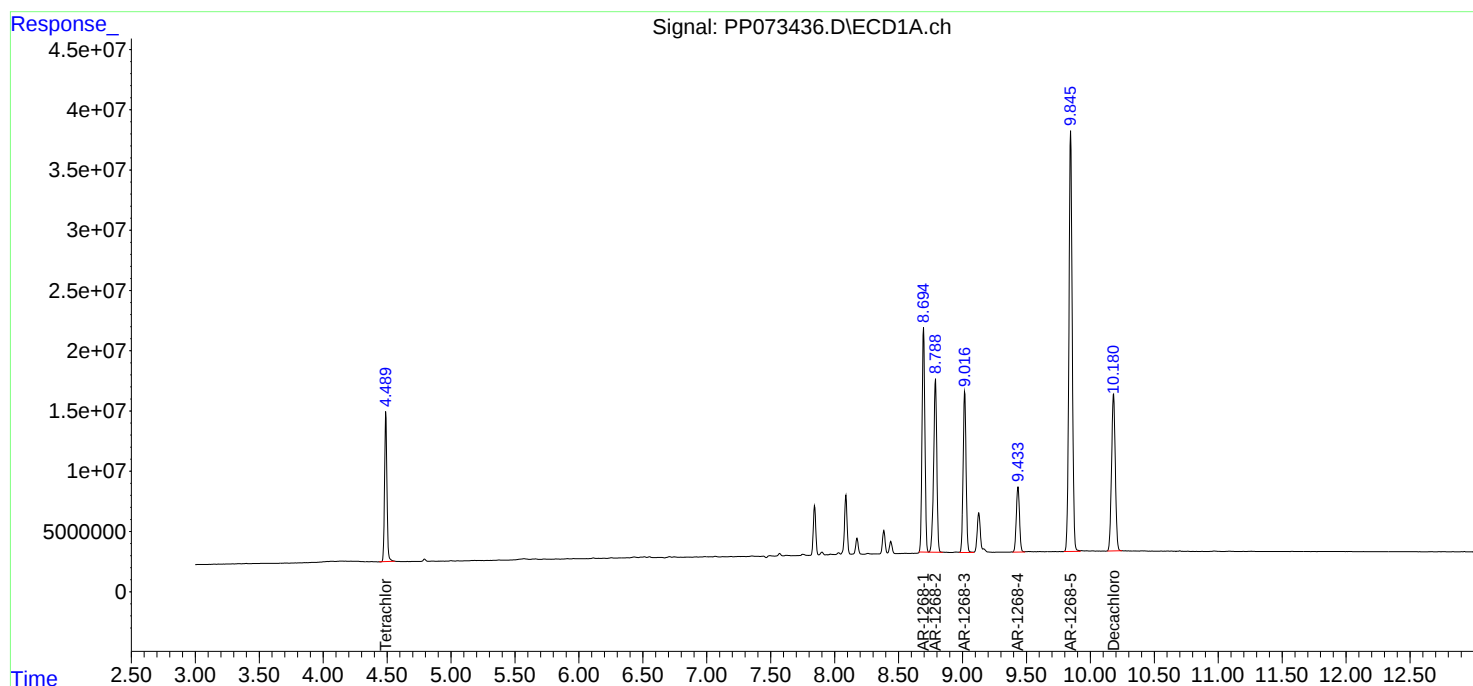
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 20:24
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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\PP070125\
 Data File : PP073437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 20:41
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.488	3.783	123.0E6	137.6E6	70.856	73.102
2) SA Decachlor...	10.178	8.789	202.2E6	196.7E6	71.171	72.811
Target Compounds						
41) L9 AR-1268-1	8.693	7.675	216.8E6	228.0E6	705.044	748.877
42) L9 AR-1268-2	8.786	7.741	188.5E6	203.0E6	708.117	745.955
43) L9 AR-1268-3	9.014	7.943	163.2E6	171.5E6	713.641	745.245
44) L9 AR-1268-4	9.432	8.237	71120936	74365023	721.354	738.881
45) L9 AR-1268-5	9.842	8.533	477.4E6	483.1E6	722.531	747.483

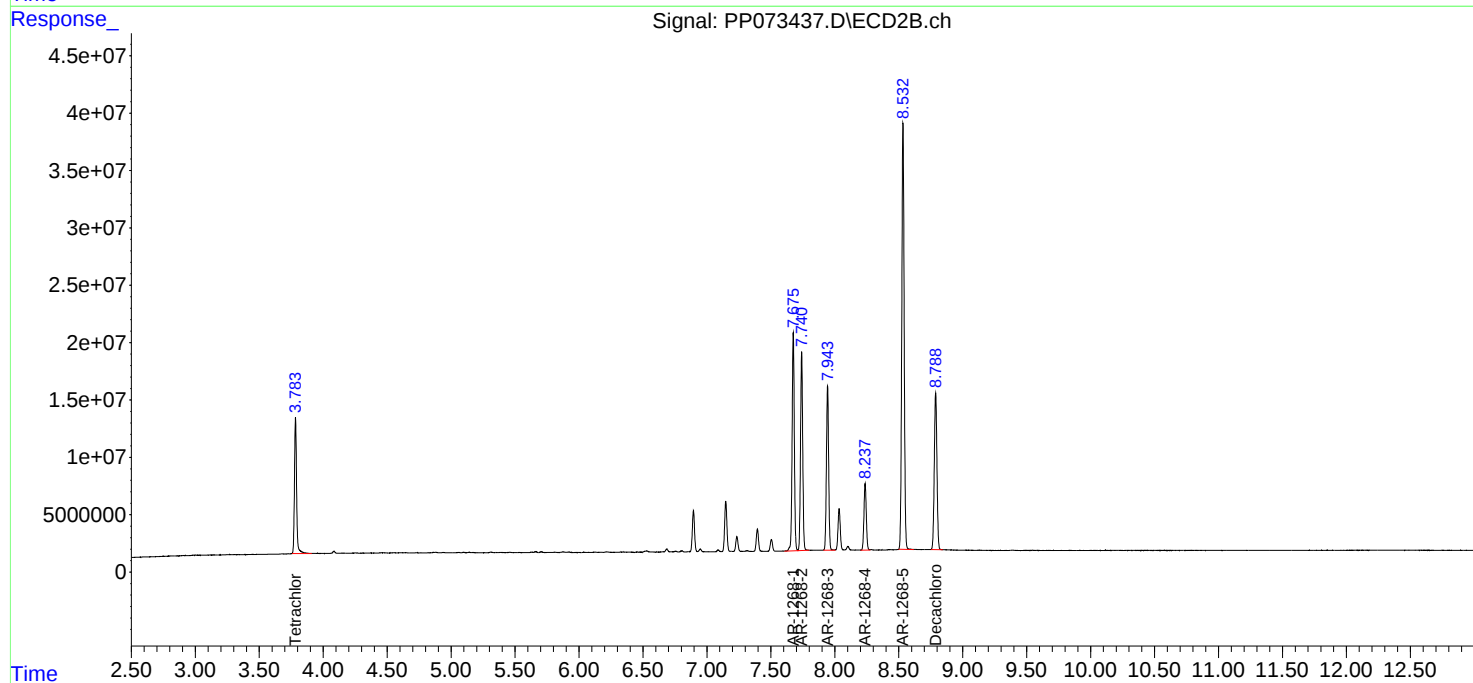
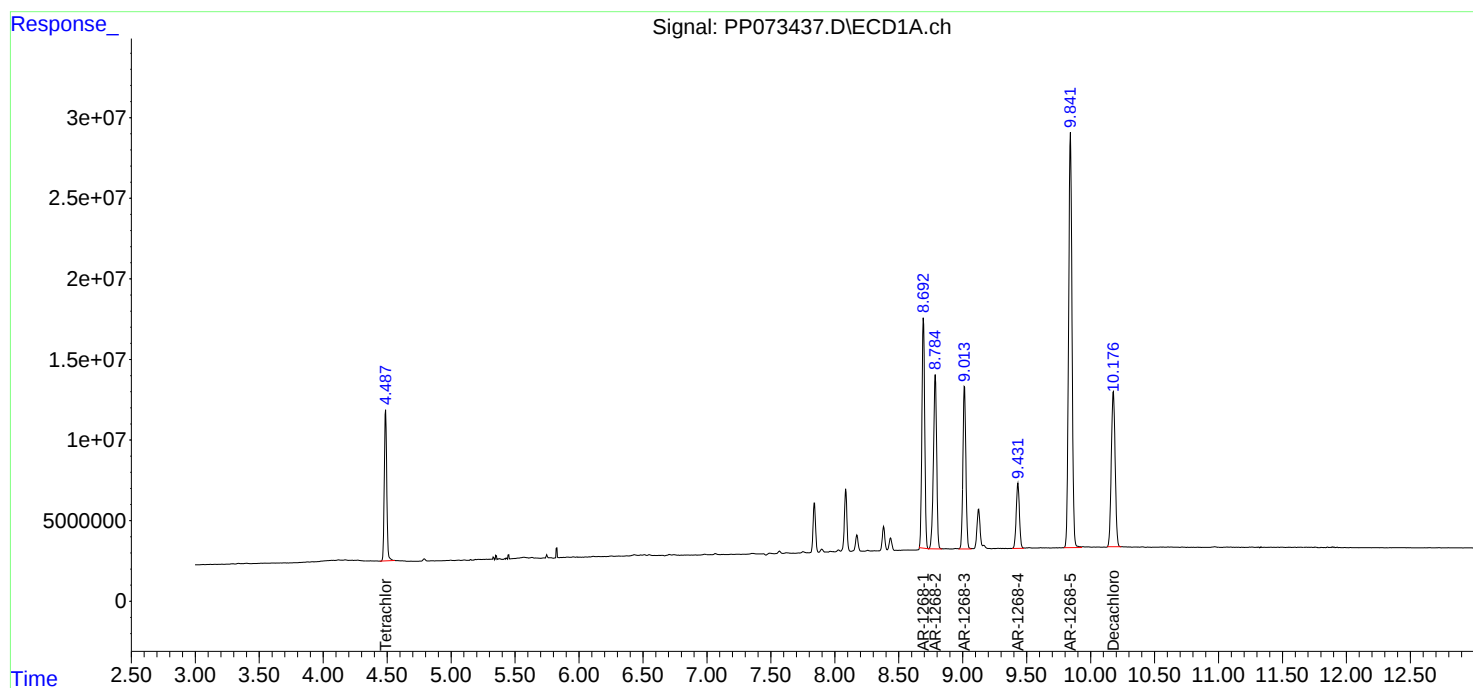
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 20:41
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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\PP070125\
 Data File : PP073438.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 20:57
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.491	3.784	86820038	94141773	50.000	50.000
2) SA Decachlor...	10.183	8.788	142.1E6	135.0E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.697	7.675	153.7E6	152.2E6	500.000	500.000
42) L9 AR-1268-2	8.790	7.741	133.1E6	136.0E6	500.000	500.000
43) L9 AR-1268-3	9.019	7.943	114.3E6	115.1E6	500.000	500.000
44) L9 AR-1268-4	9.435	8.238	49296838	50322704	500.000	500.000
45) L9 AR-1268-5	9.847	8.533	330.4E6	323.1E6	500.000	500.000

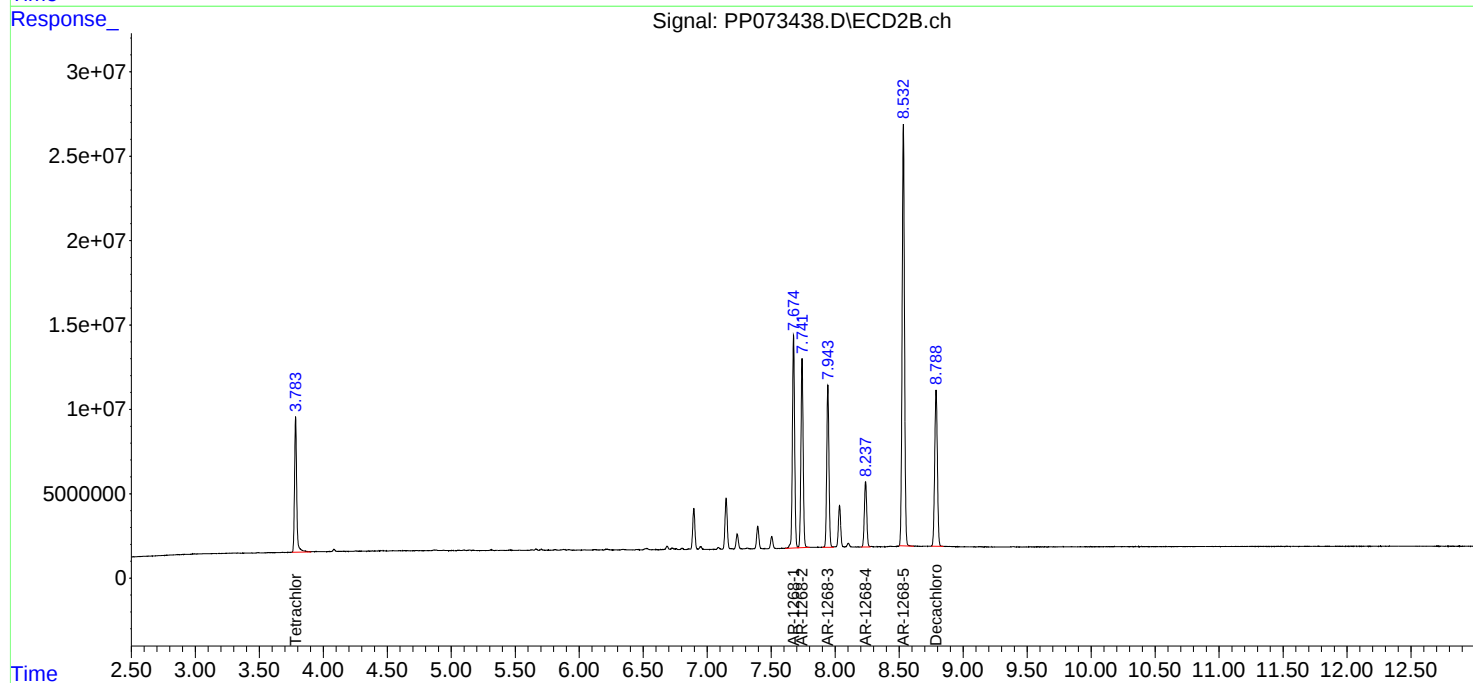
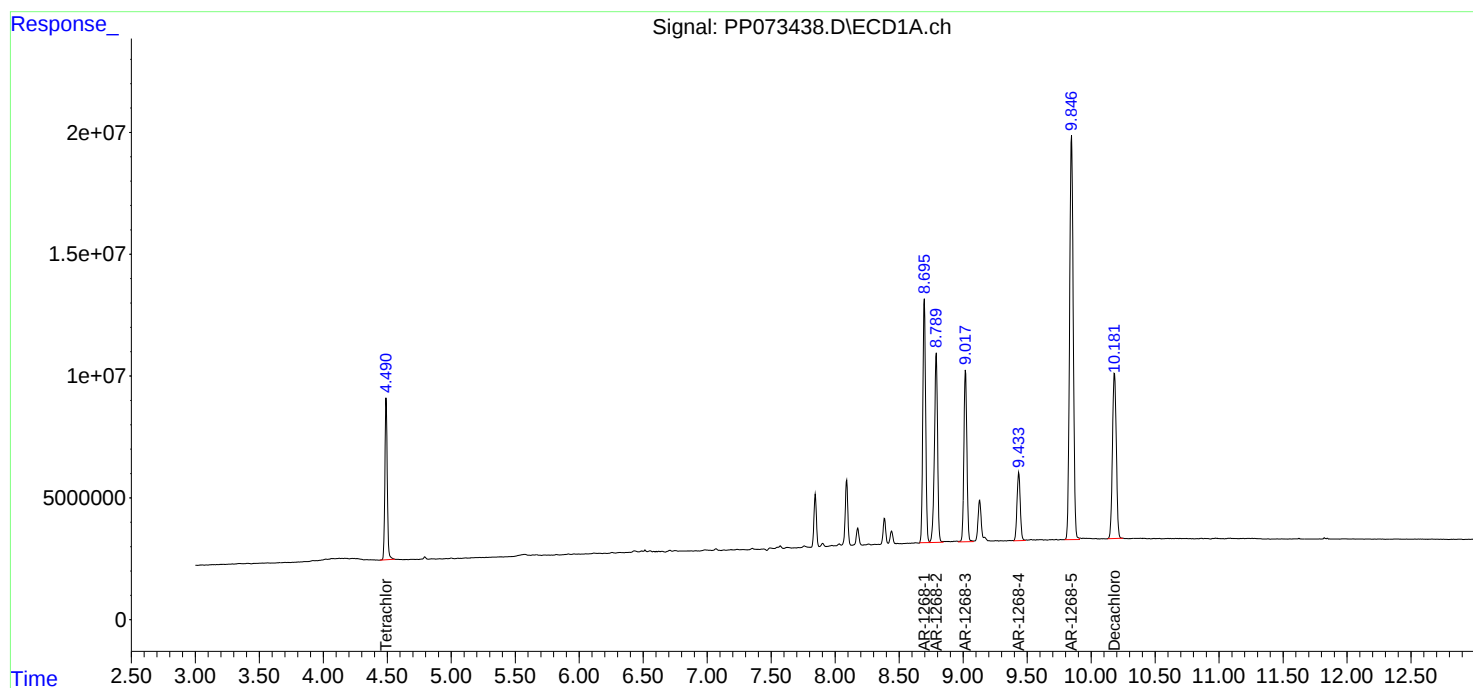
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073438.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 20:57
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 21:14
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:41:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.489	3.782	39126171	39187367	22.533	20.813m
2) SA Decachlor...	10.180	8.787	69735289	66347585	24.541	24.565
Target Compounds						
41) L9 AR-1268-1	8.694	7.674	73712811	74965666	239.729	246.269
42) L9 AR-1268-2	8.787	7.740	63591302	66877318	238.863	245.788
43) L9 AR-1268-3	9.016	7.942	56197159	54434352	245.739	236.484
44) L9 AR-1268-4	9.433	8.237	24190508	23208454	245.356	230.596
45) L9 AR-1268-5	9.843	8.533	161.0E6	152.3E6	243.602	235.668

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 21:14
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

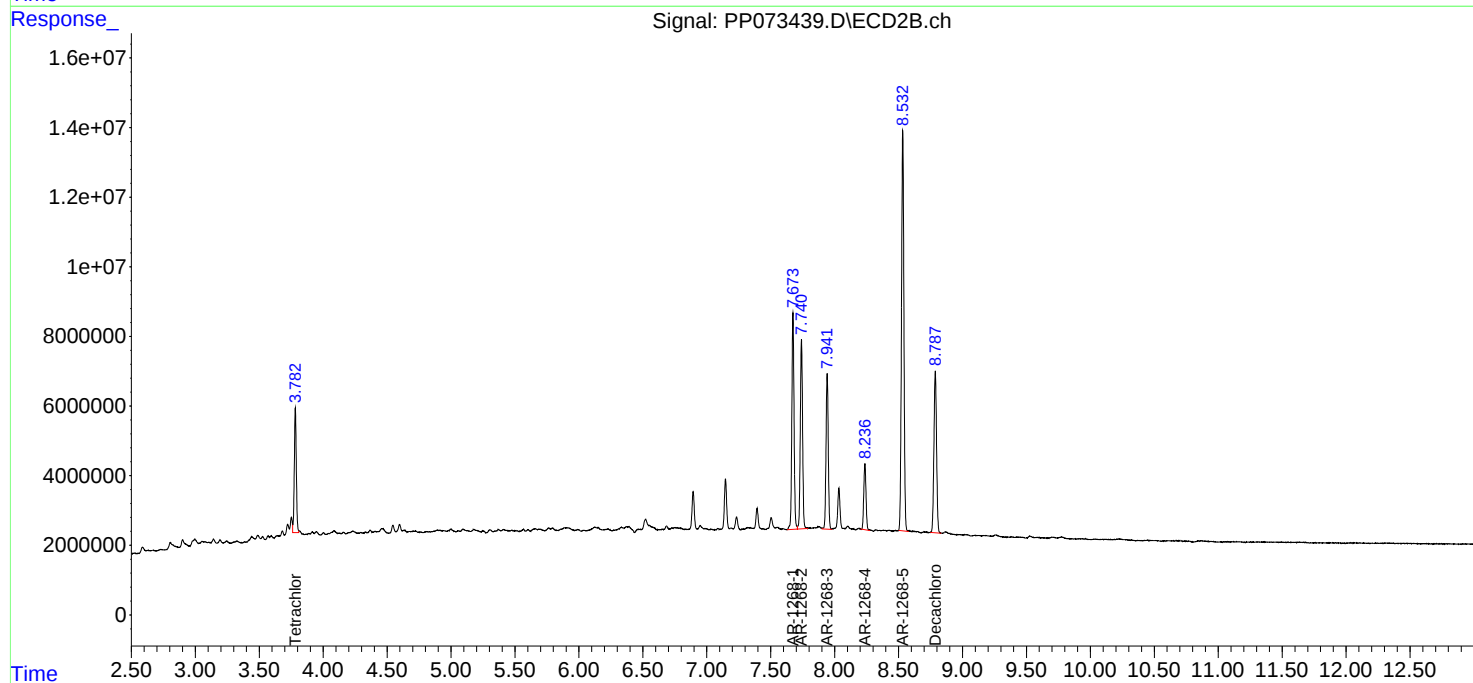
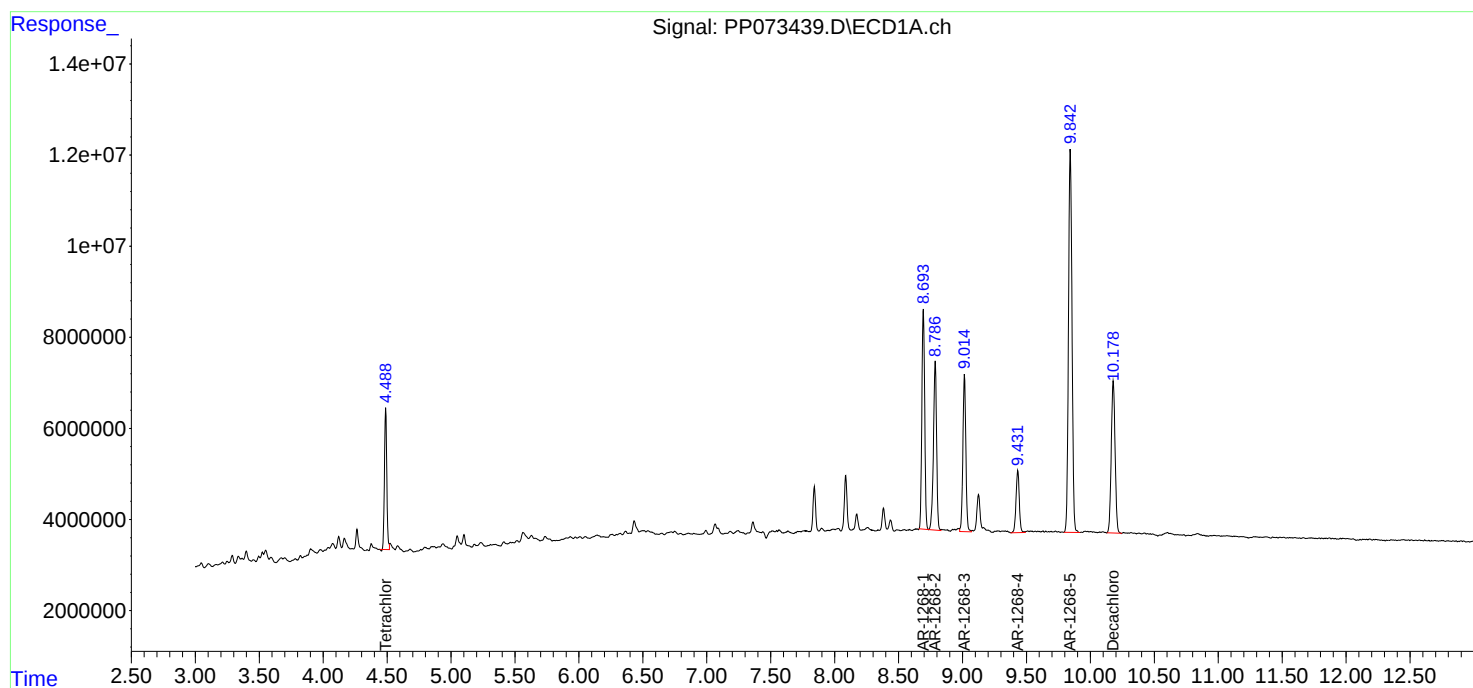
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:41:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 21:30
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:41:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.488	3.783	7071913	8604940	4.073	4.570m
2) SA Decachlor...	10.179	8.787	12907064	12405676	4.542	4.593
Target Compounds						
41) L9 AR-1268-1	8.692	7.675	13068224	14314257	42.501	47.024
42) L9 AR-1268-2	8.786	7.740	11397379	12415180	42.811	45.628
43) L9 AR-1268-3	9.013	7.942	10713035	10408465	46.846	45.218
44) L9 AR-1268-4	9.431	8.237	4757314	4358808	48.252	43.309
45) L9 AR-1268-5	9.842	8.533	27316653	29208824	41.341	45.195

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 21:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

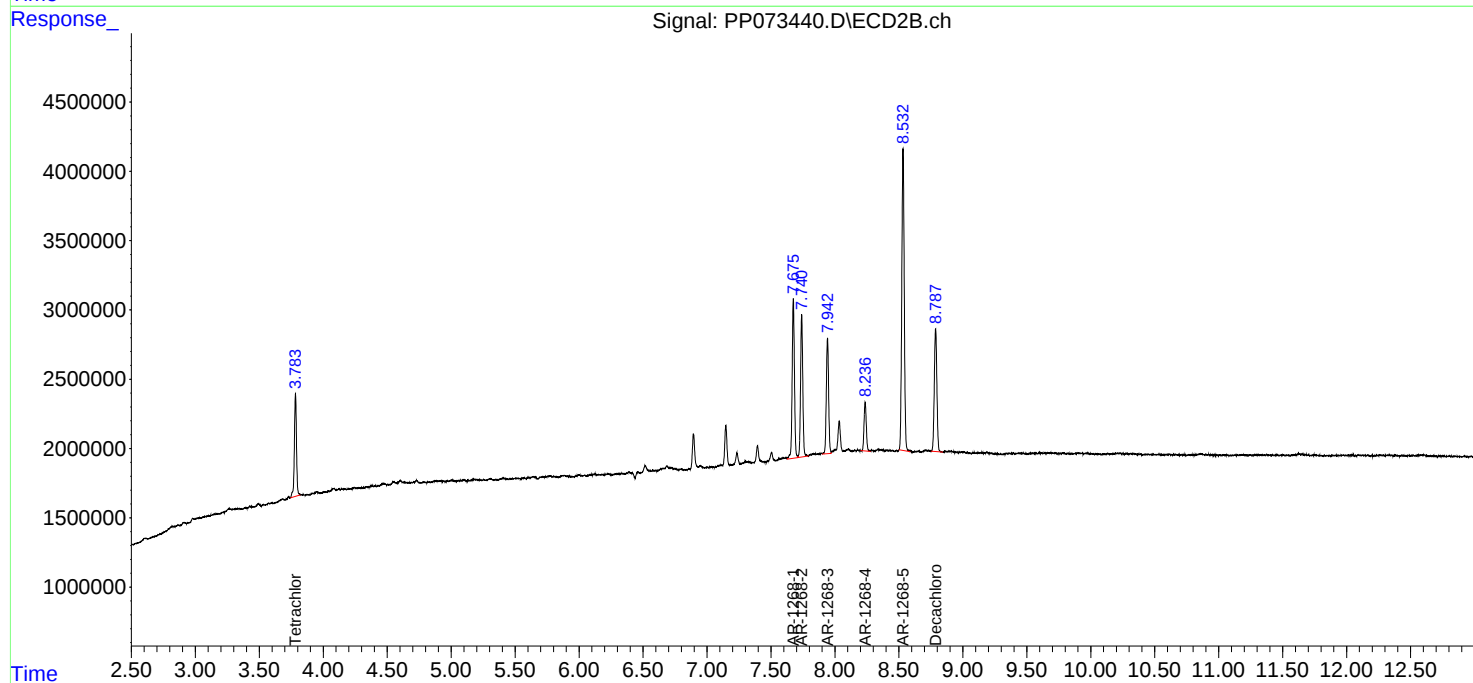
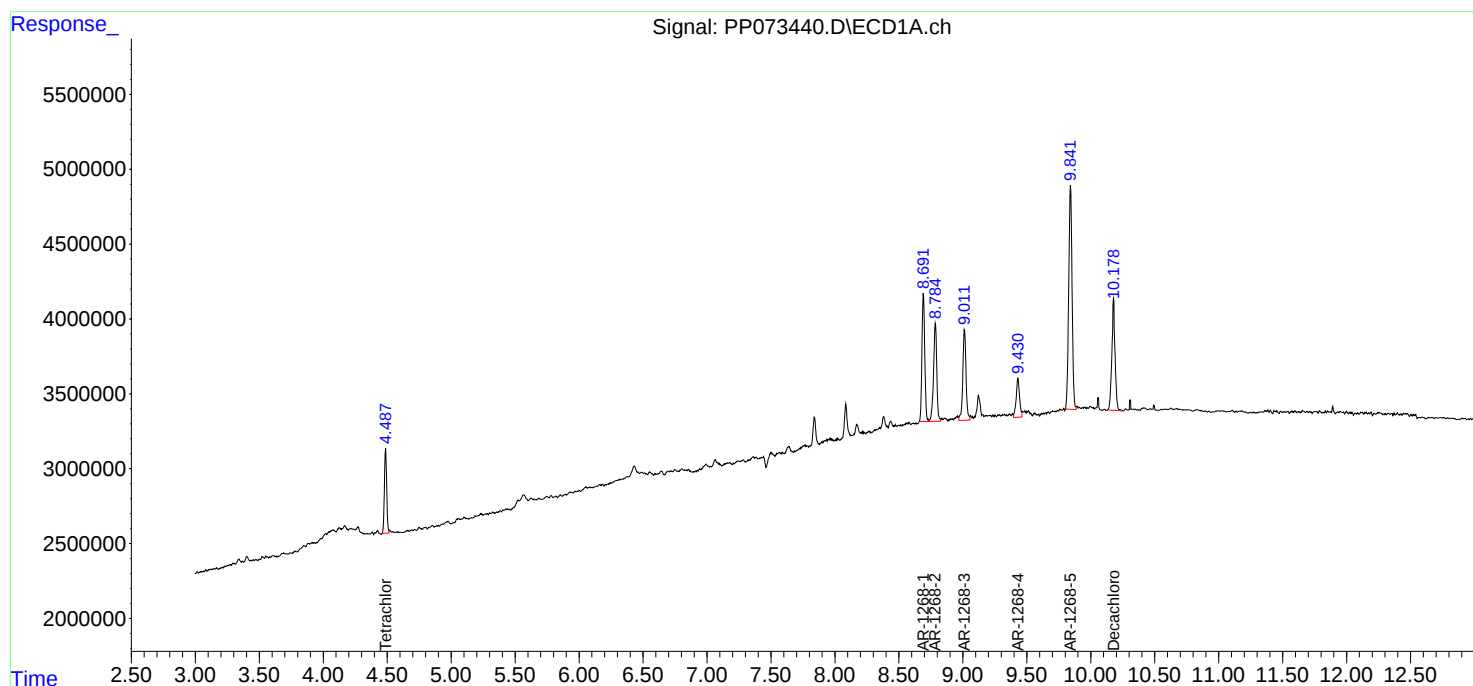
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2025
Supervised By :mohammad ahmed 07/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:41:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 21:47
 Operator : YP\AJ
 Sample : PP070125ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:11:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.488	3.782	79756277	78739880	49.963	44.397
2) SA Decachlor...	10.179	8.787	74528317	73775488	52.448	53.319
Target Compounds						
3) L1 AR-1016-1	5.640	4.862	27771524	30880828	506.962	480.021
4) L1 AR-1016-2	5.661	4.879	42091827	46218474	508.652	484.942
5) L1 AR-1016-3	5.723	5.056	25821491	24372616	489.475	483.393
6) L1 AR-1016-4	5.820	5.097	21022724	19923577	477.526	490.056
7) L1 AR-1016-5	6.112	5.311	19526702	25250919	485.652	492.728
31) L7 AR-1260-1	7.229	6.342	36667380	44677247	514.175	484.156
32) L7 AR-1260-2	7.483	6.530	51670814	54933839	491.582	444.471
33) L7 AR-1260-3	7.841	6.682	47182790	49217551	512.000	491.812
34) L7 AR-1260-4	8.065	7.152	43584441	41907926	493.268	482.715
35) L7 AR-1260-5	8.383	7.394	99564844	106.2E6	505.068	486.605

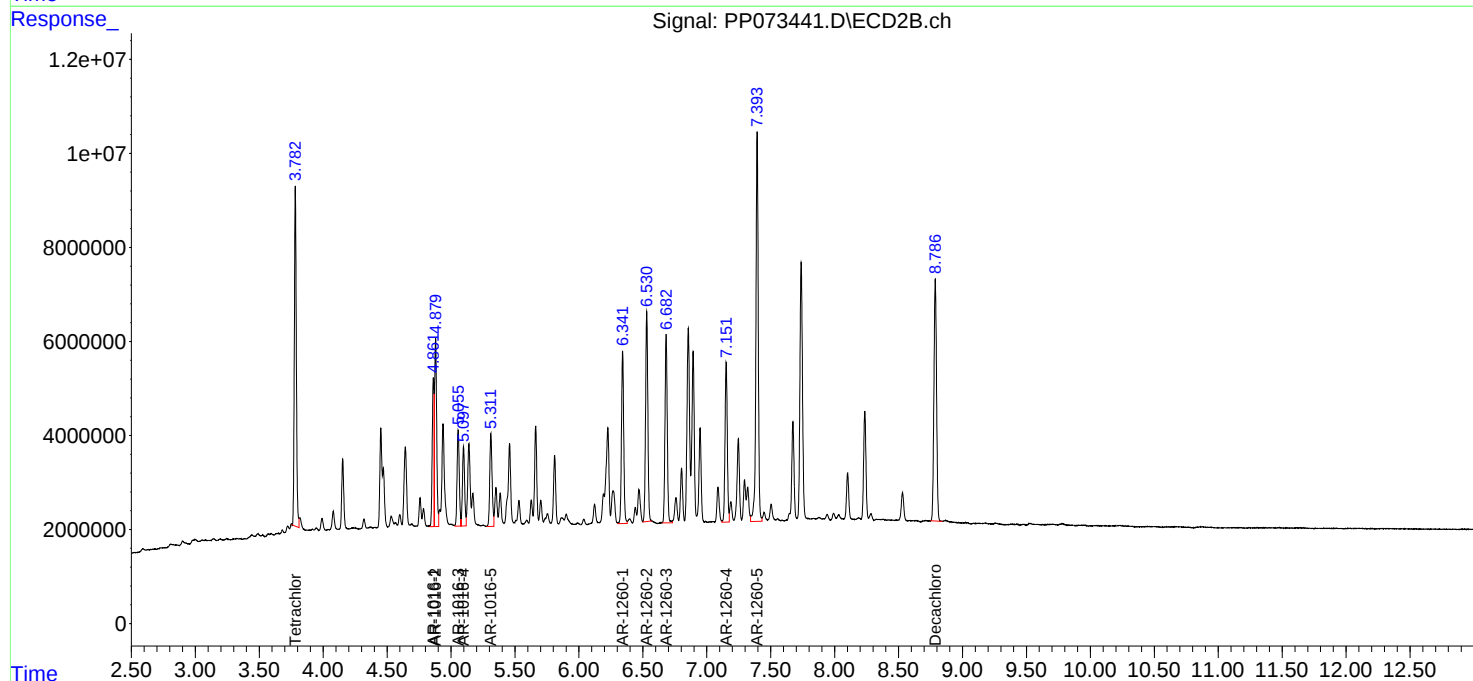
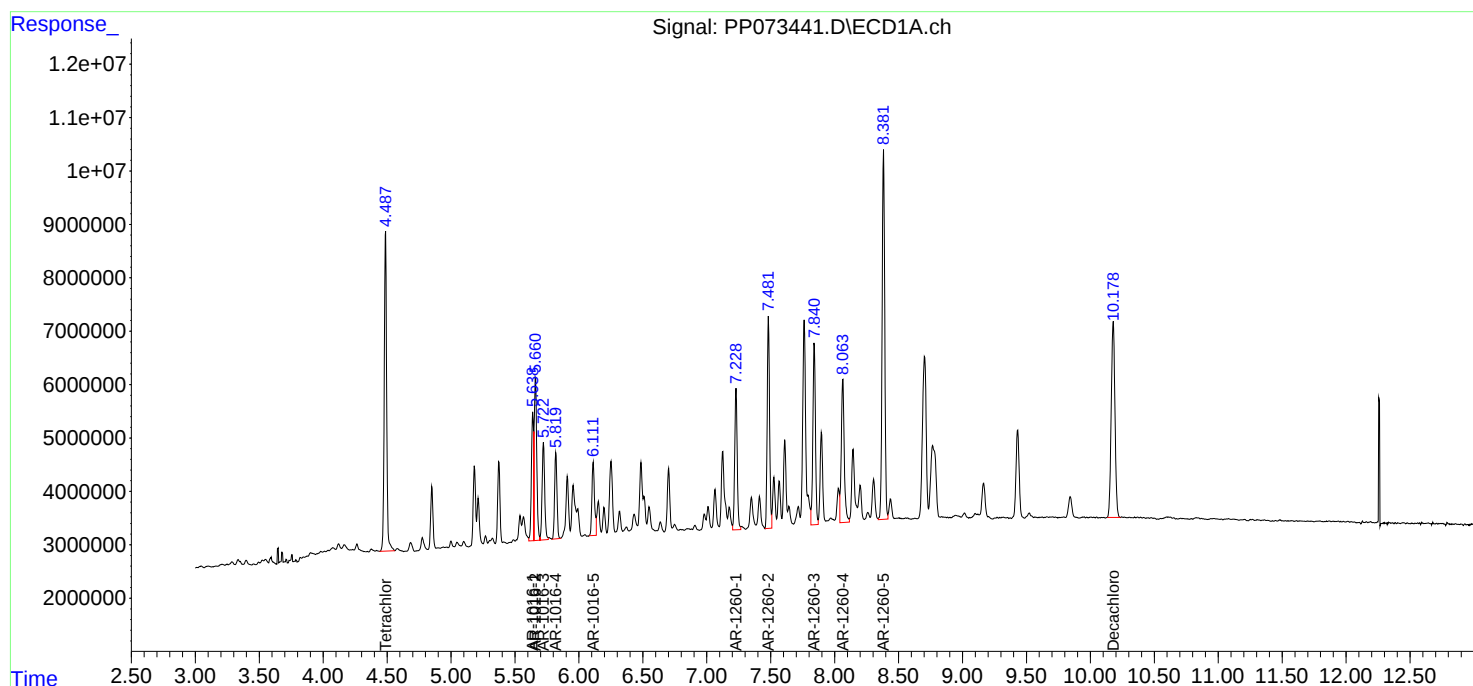
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 21:47
Operator : YP\AJ
Sample : PP070125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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\PP070125\
 Data File : PP073442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 22:20
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:11:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.490	3.783	80737707	83576859	50.578	47.124
2) SA Decachlor...	10.179	8.787	73477299	71883222	51.708	51.952
Target Compounds						
16) L4 AR-1242-1	5.641	4.862	23897960	26878900	470.333	460.250
17) L4 AR-1242-2	5.663	4.880	36394658	40236174	479.984	466.365
18) L4 AR-1242-3	5.725	5.056	22138123	21476078	460.855	468.047
19) L4 AR-1242-4	5.822	5.140	18939211	20480665	491.851	466.424
20) L4 AR-1242-5	6.551	5.661	22659749	26002530	533.123	475.222

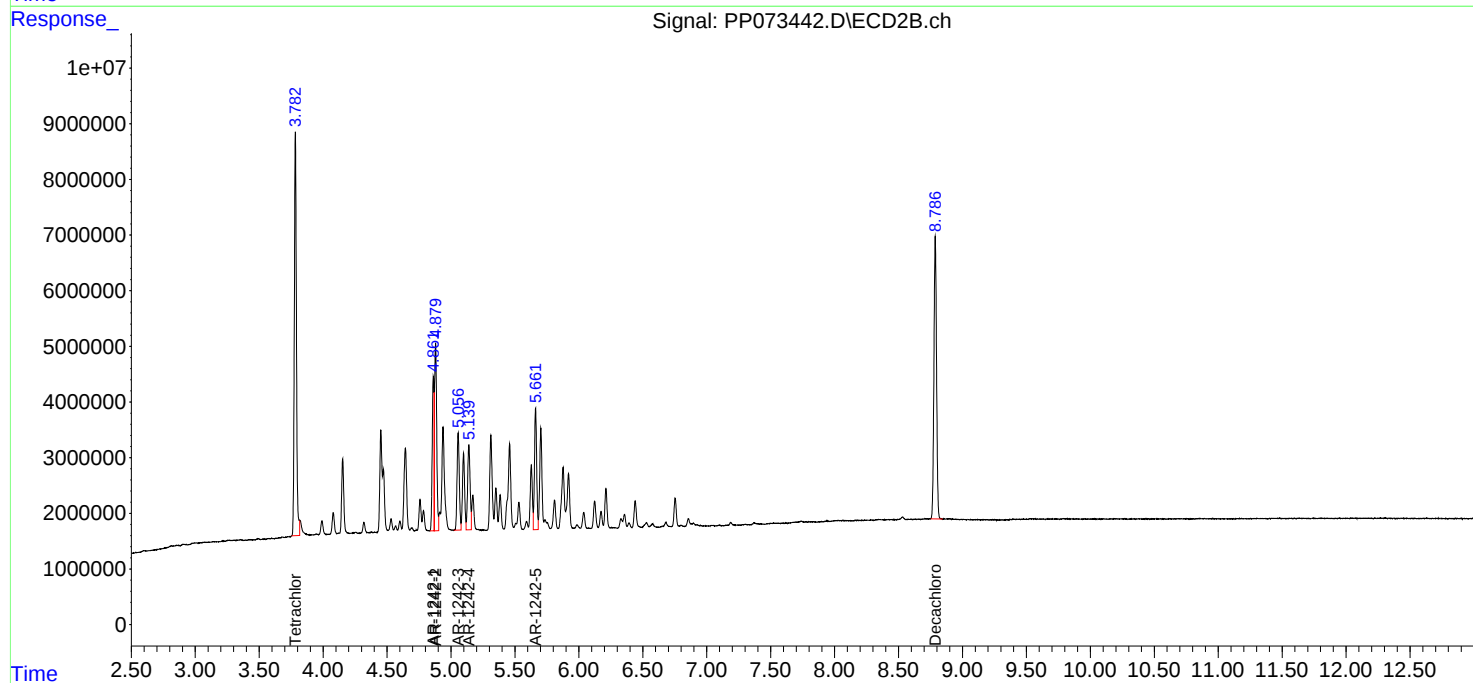
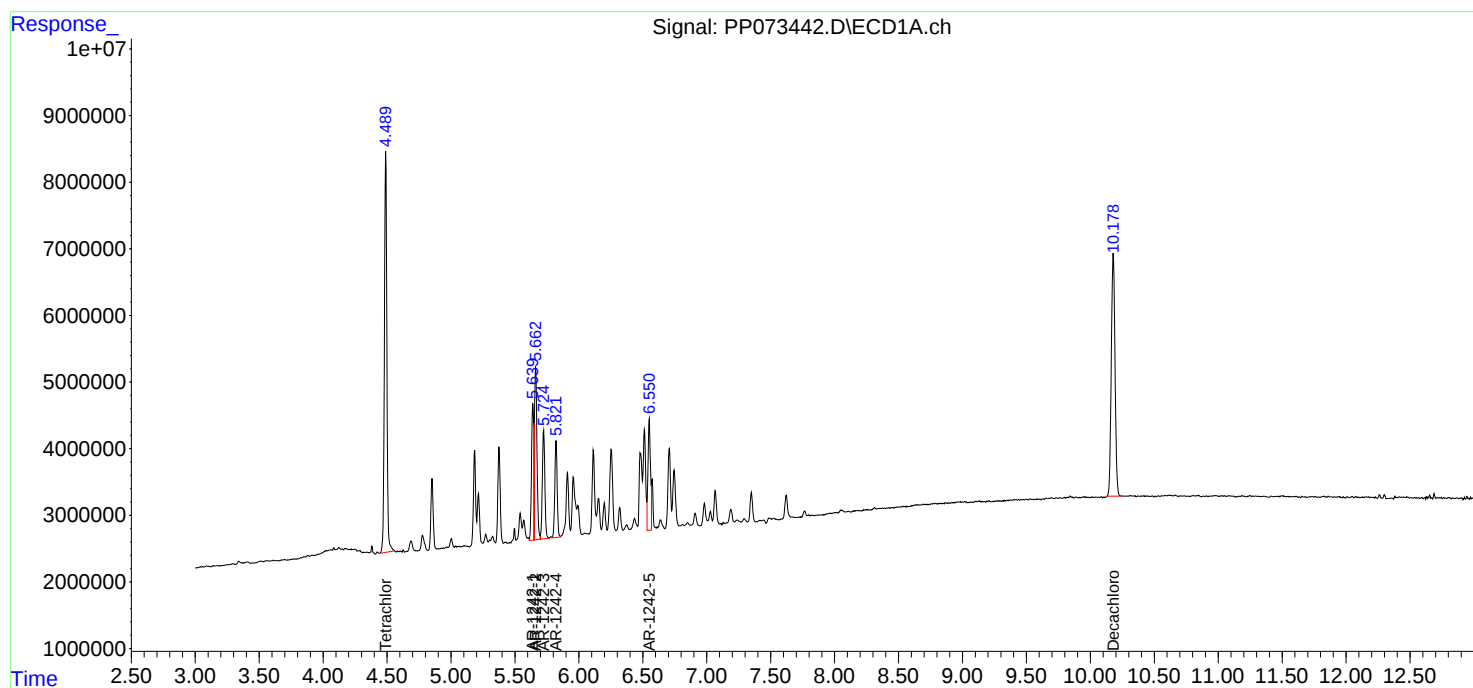
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:20
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:11:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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\PP070125\
 Data File : PP073443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 22:53
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:12:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.488	3.783	80010673	89280321	50.123	50.340
2) SA Decachlor...	10.177	8.788	74147600	72639372	52.180	52.498
Target Compounds						
21) L5 AR-1248-1	5.638	4.863	18943873	22139958	484.271	503.257
22) L5 AR-1248-2	5.910	5.099	24632723	30105430	477.294	511.078
23) L5 AR-1248-3	6.112	5.140	28322098	31363874	499.797	519.648
24) L5 AR-1248-4	6.511	5.312	34757638	36602556	493.827	513.241
25) L5 AR-1248-5	6.549	5.703	33686584	36853891	481.316	501.071

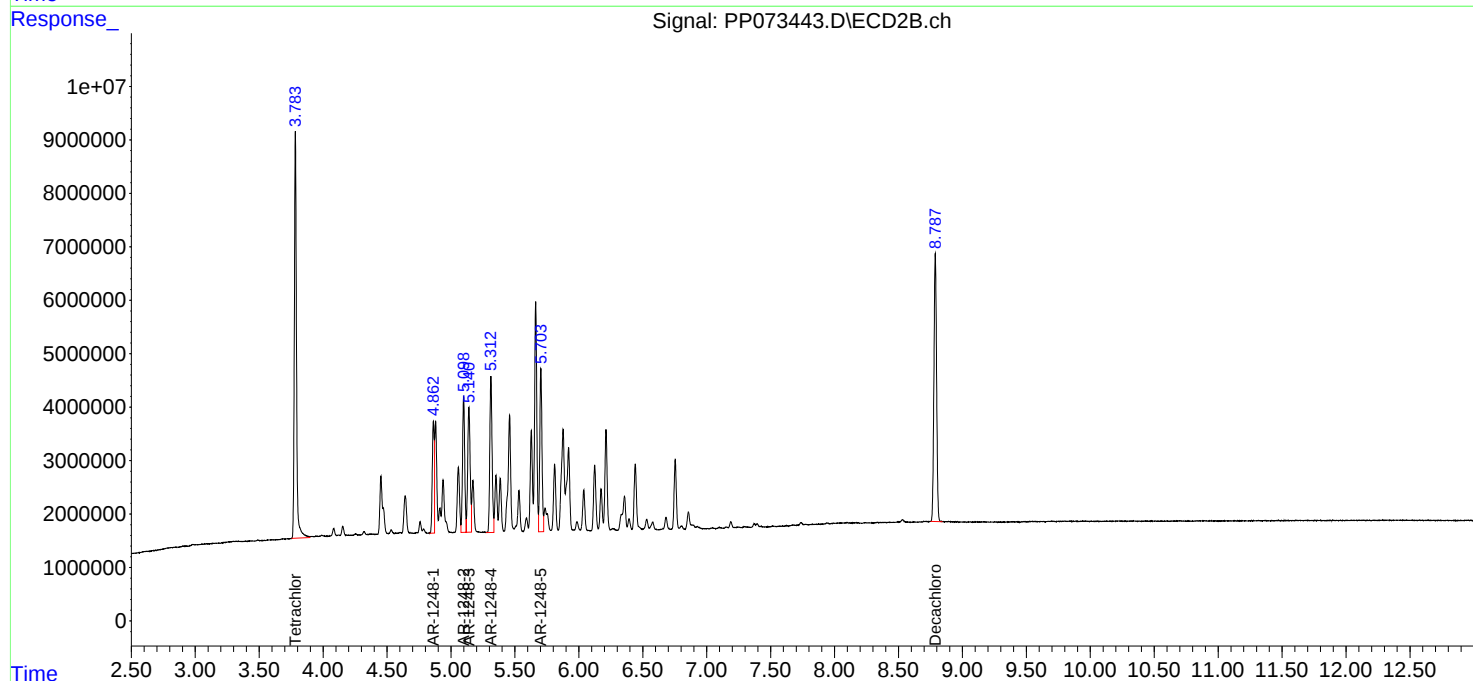
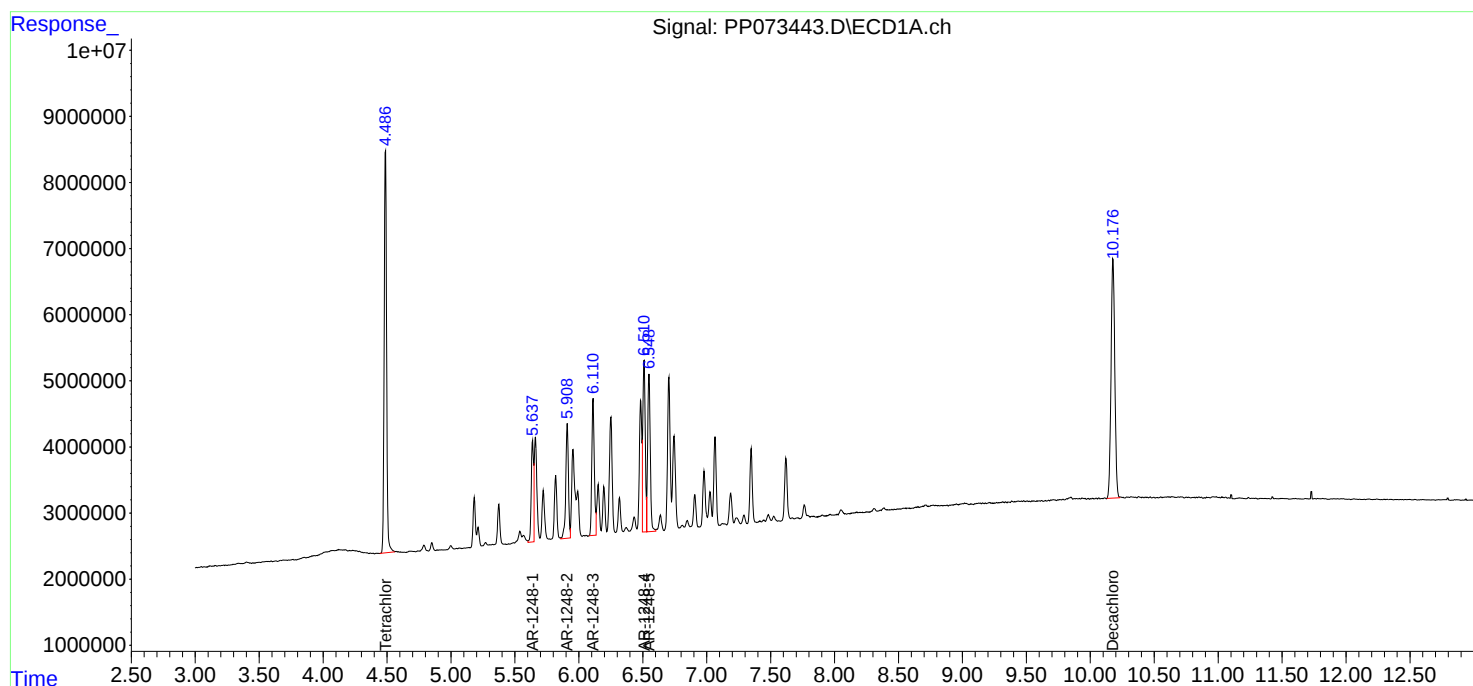
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:53
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:12:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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\PP070125\
 Data File : PP073444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 23:26
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:12:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.490	3.783	80763993	92576135	50.595	52.199
2)	SA Decachlor...	10.180	8.787	74808906	75047776	52.646	54.239
Target Compounds							
26)	L6 AR-1254-1	6.488	5.663	33519998	53942389	472.570	492.406
27)	L6 AR-1254-2	6.704	5.811	50206123	46467508	486.779	479.136
28)	L6 AR-1254-3	7.067	6.212	53602205	73052767	471.531	495.815
29)	L6 AR-1254-4	7.349	6.440	47185958	46063600	474.296	510.542
30)	L6 AR-1254-5	7.766	6.857	46763616	67153053	493.425	504.624

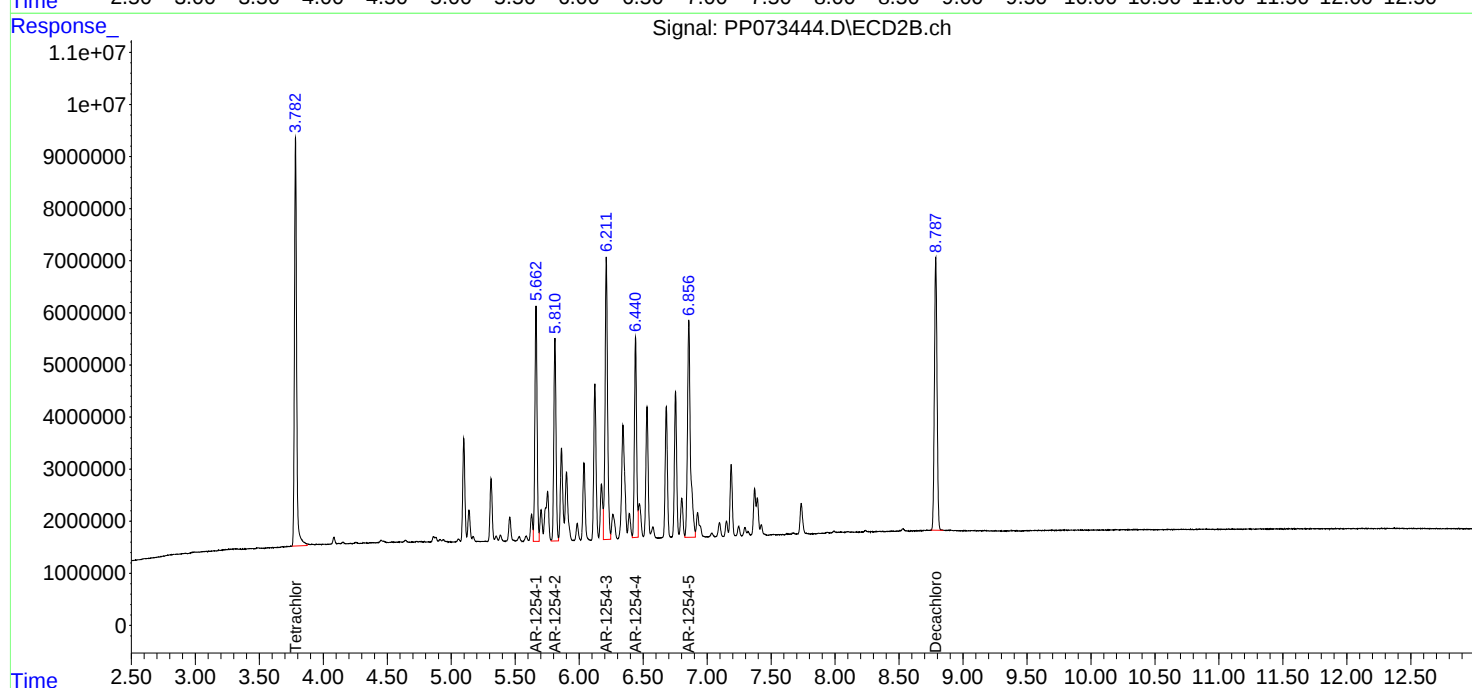
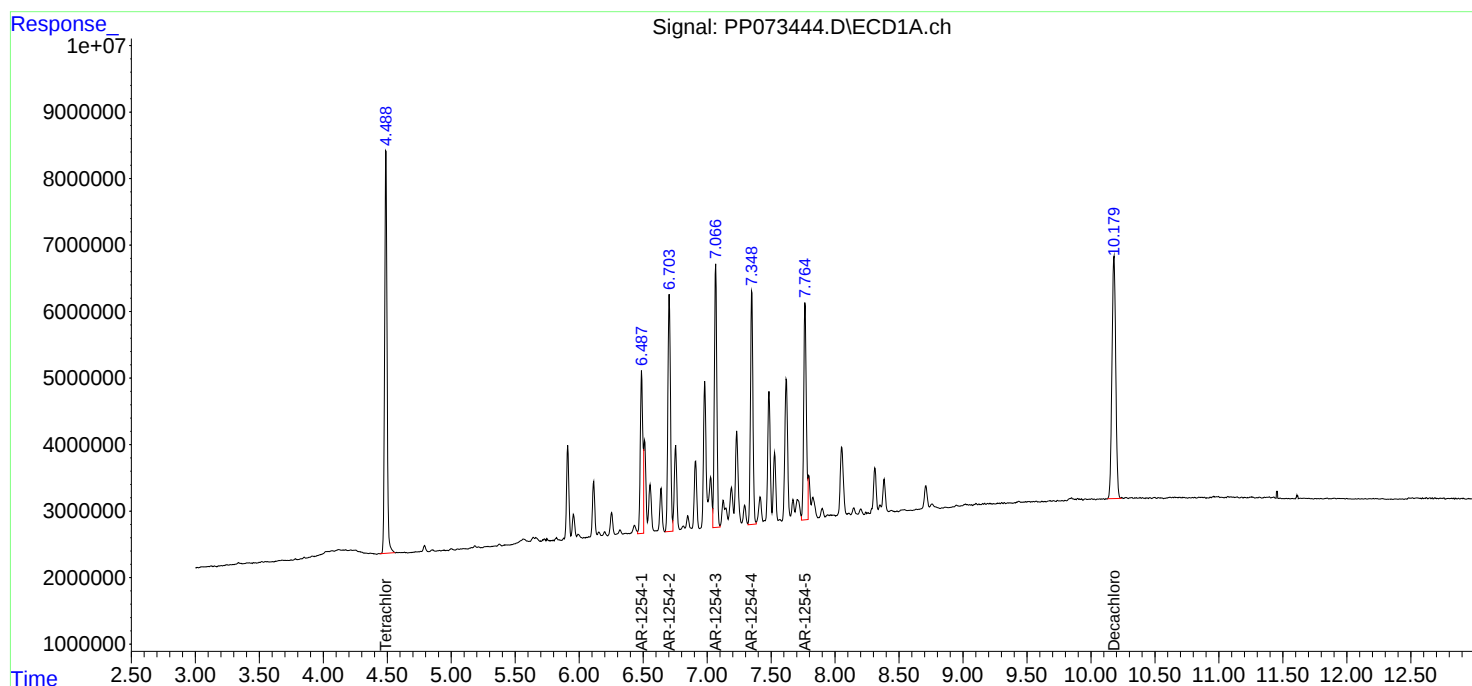
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 23:26
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:12:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 00:00
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:41:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 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...	4.487	3.783	82710201	89216684	47.633	47.384
2) SA Decachlor...	10.177	8.787	136.0E6	133.6E6	47.873	49.461
Target Compounds						
41) L9 AR-1268-1	8.692	7.674	144.9E6	148.5E6	471.285	487.982
42) L9 AR-1268-2	8.785	7.741	125.9E6	132.8E6	472.766	487.954
43) L9 AR-1268-3	9.013	7.943	109.9E6	112.6E6	480.579	489.046
44) L9 AR-1268-4	9.430	8.237	47469689	49610168	481.468	492.920
45) L9 AR-1268-5	9.841	8.533	317.1E6	318.4E6	479.888	492.589

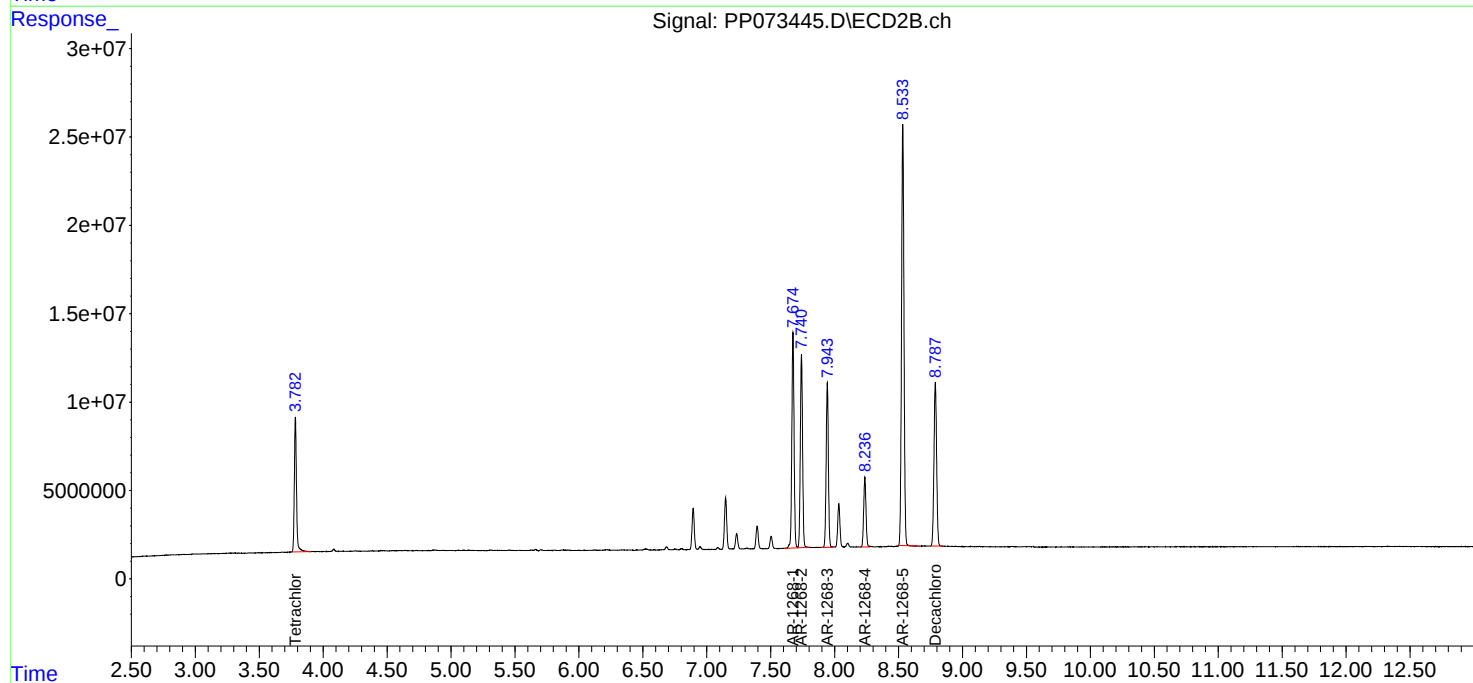
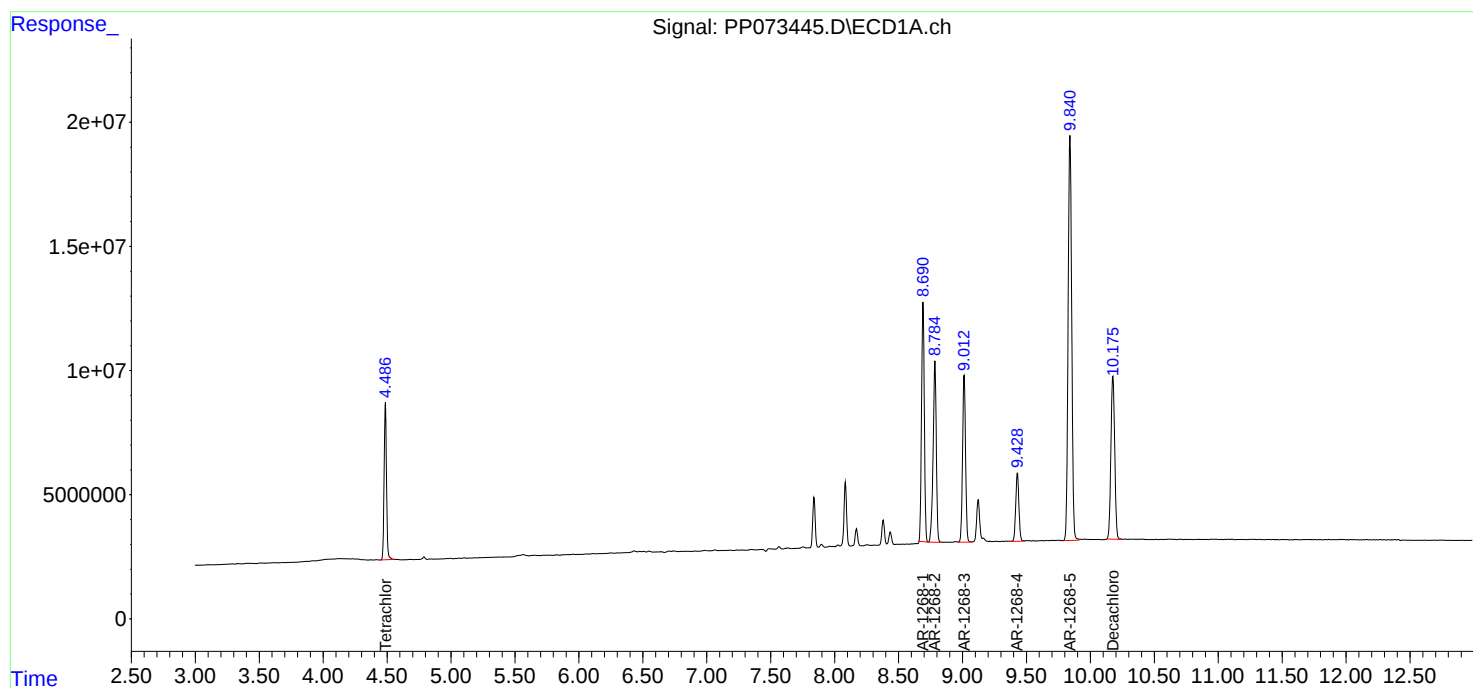
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 00:00
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:41:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
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





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 14:42

Initial Calibration Time(s): 10:40 19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 14:42

Initial Calibration Time(s): 10:40 19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.42	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111928.D **Time Analyzed:** 14:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.762	4.666	4.866	476.070	500.000	-4.8
Aroclor-1016-2	4.781	4.684	4.884	494.350	500.000	-1.1
Aroclor-1016-3	4.838	4.741	4.941	479.610	500.000	-4.1
Aroclor-1016-4	4.958	4.861	5.061	482.220	500.000	-3.6
Aroclor-1016-5	5.215	5.118	5.318	496.660	500.000	-0.7
Aroclor-1260-1	6.254	6.157	6.357	469.840	500.000	-6.0
Aroclor-1260-2	6.444	6.346	6.546	522.650	500.000	4.5
Aroclor-1260-3	6.810	6.713	6.913	549.430	500.000	9.9
Aroclor-1260-4	7.070	6.972	7.172	550.580	500.000	10.1
Aroclor-1260-5	7.313	7.216	7.416	503.270	500.000	0.7
Decachlorobiphenyl	8.709	8.612	8.812	41.680	50.000	-16.6
Tetrachloro-m-xylene	3.675	3.577	3.777	52.290	50.000	4.6



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111928.D **Time Analyzed:** 14:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.749	4.651	4.851	504.840	500.000	1.0
Aroclor-1016-2	4.767	4.669	4.869	516.010	500.000	3.2
Aroclor-1016-3	4.942	4.844	5.044	508.300	500.000	1.7
Aroclor-1016-4	4.985	4.887	5.087	505.240	500.000	1.0
Aroclor-1016-5	5.197	5.099	5.299	503.640	500.000	0.7
Aroclor-1260-1	6.227	6.129	6.329	487.640	500.000	-2.5
Aroclor-1260-2	6.415	6.316	6.516	501.580	500.000	0.3
Aroclor-1260-3	6.567	6.469	6.669	473.250	500.000	-5.4
Aroclor-1260-4	7.037	6.939	7.139	460.290	500.000	-7.9
Aroclor-1260-5	7.278	7.181	7.381	459.400	500.000	-8.1
Decachlorobiphenyl	8.658	8.561	8.761	45.950	50.000	-8.1
Tetrachloro-m-xylene	3.672	3.573	3.773	50.710	50.000	1.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:42
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:44:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	301.2E6	284.9E6	52.295	50.710
2) SA Decachlor...	8.709	8.658	218.8E6	81688637	41.684	45.953
Target Compounds						
3) L1 AR-1016-1	4.762	4.749	113.6E6	99335540	476.067	504.838
4) L1 AR-1016-2	4.781	4.767	164.5E6	147.0E6	494.348	516.006
5) L1 AR-1016-3	4.838	4.942	110.4E6	76366098	479.605	508.296
6) L1 AR-1016-4	4.958	4.985	89434260	61531778	482.222	505.240
7) L1 AR-1016-5	5.215	5.197	92698664	80179433	496.662	503.644
31) L7 AR-1260-1	6.254	6.227	166.9E6	122.4E6	469.840	487.644
32) L7 AR-1260-2	6.444	6.415	246.9E6	147.5E6	522.649	501.576
33) L7 AR-1260-3	6.810	6.567	233.3E6	126.4E6	549.426	473.247
34) L7 AR-1260-4	7.070	7.037	173.1E6	87498500	550.575	460.285
35) L7 AR-1260-5	7.313	7.278	414.6E6	195.3E6	503.271	459.397

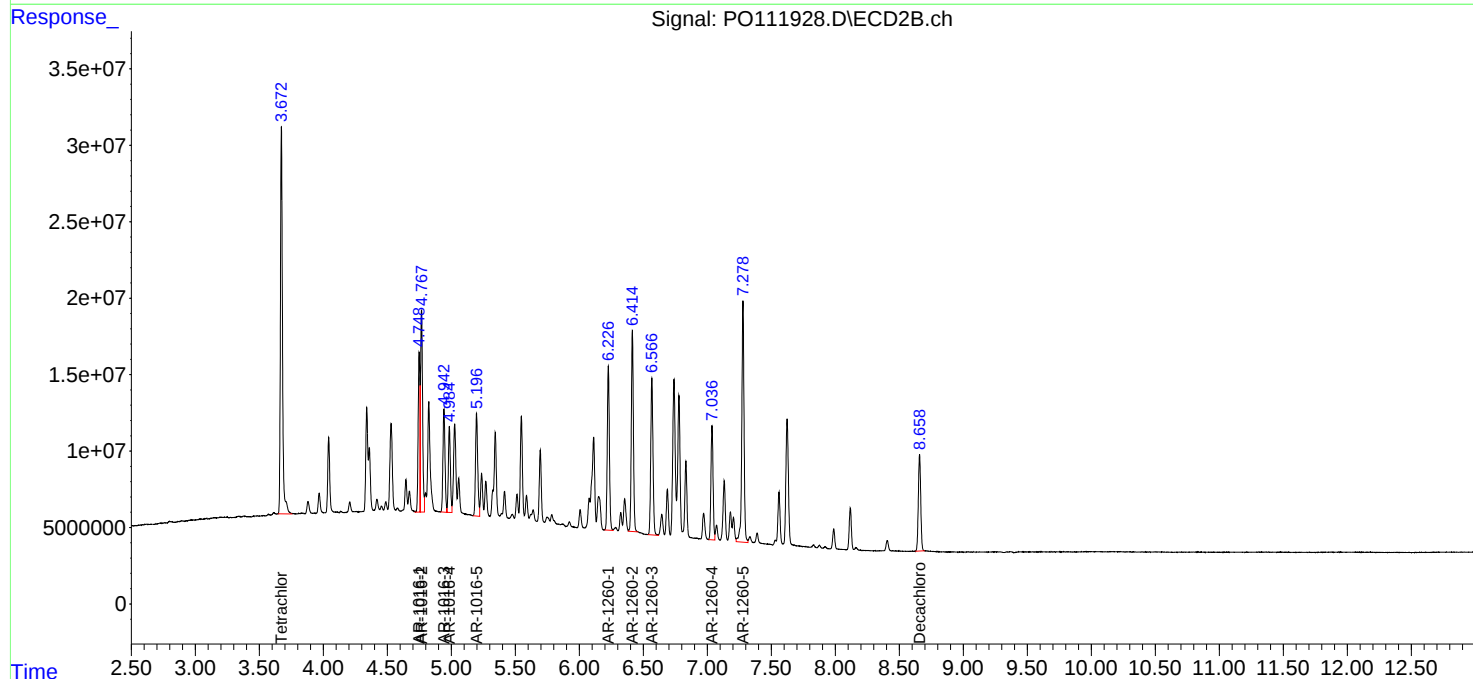
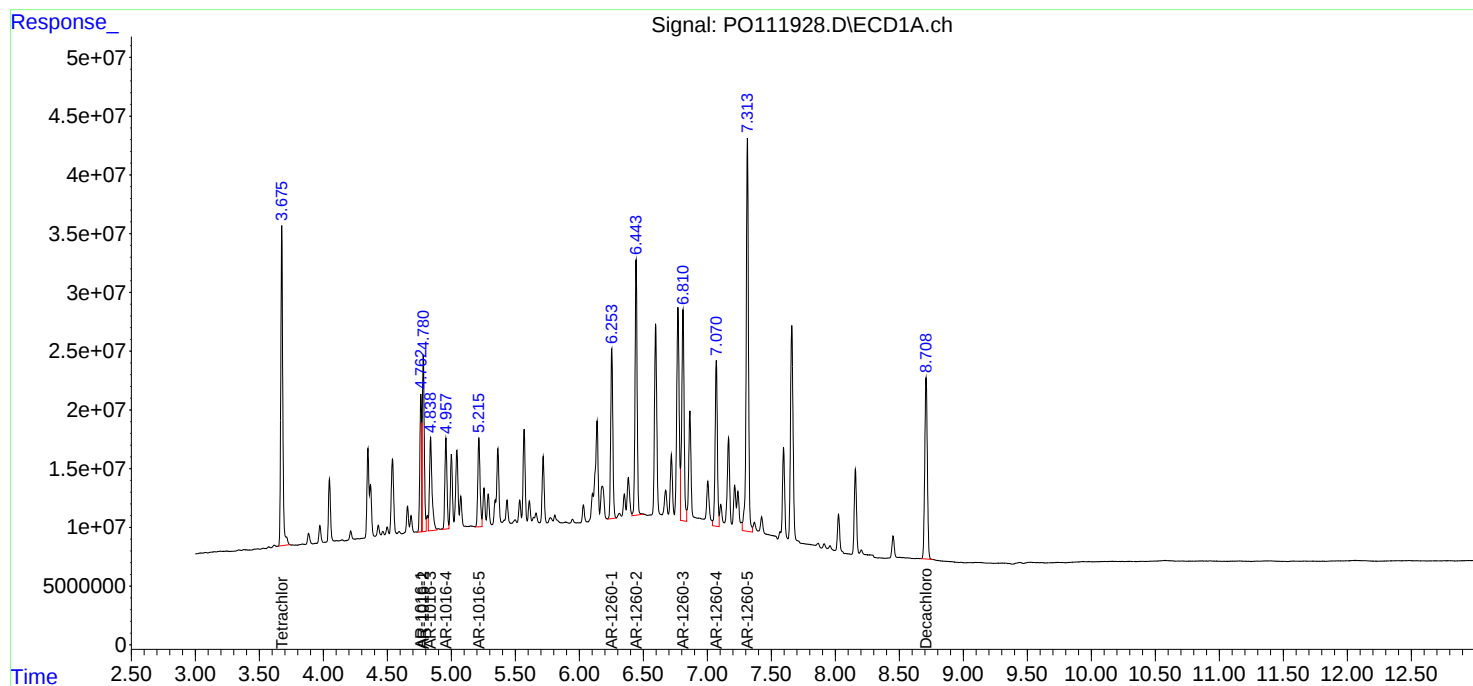
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:42
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:44:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 20:10

Initial Calibration Time(s): 10:40 19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/01/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 20:10

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111944.D **Time Analyzed:** 20:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.762	4.666	4.866	481.590	500.000	-3.7
Aroclor-1016-2	4.781	4.684	4.884	485.830	500.000	-2.8
Aroclor-1016-3	4.838	4.741	4.941	491.600	500.000	-1.7
Aroclor-1016-4	4.957	4.861	5.061	474.670	500.000	-5.1
Aroclor-1016-5	5.215	5.118	5.318	476.220	500.000	-4.8
Aroclor-1260-1	6.253	6.157	6.357	431.680	500.000	-13.7
Aroclor-1260-2	6.443	6.346	6.546	470.870	500.000	-5.8
Aroclor-1260-3	6.809	6.713	6.913	508.620	500.000	1.7
Aroclor-1260-4	7.068	6.972	7.172	514.070	500.000	2.8
Aroclor-1260-5	7.312	7.216	7.416	448.590	500.000	-10.3
Decachlorobiphenyl	8.707	8.612	8.812	43.790	50.000	-12.4
Tetrachloro-m-xylene	3.675	3.577	3.777	51.830	50.000	3.7



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111944.D **Time Analyzed:** 20:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.748	4.651	4.851	522.410	500.000	4.5
Aroclor-1016-2	4.767	4.669	4.869	521.020	500.000	4.2
Aroclor-1016-3	4.941	4.844	5.044	512.090	500.000	2.4
Aroclor-1016-4	4.984	4.887	5.087	505.020	500.000	1.0
Aroclor-1016-5	5.197	5.099	5.299	493.120	500.000	-1.4
Aroclor-1260-1	6.226	6.129	6.329	466.400	500.000	-6.7
Aroclor-1260-2	6.414	6.316	6.516	481.910	500.000	-3.6
Aroclor-1260-3	6.566	6.469	6.669	456.130	500.000	-8.8
Aroclor-1260-4	7.036	6.939	7.139	443.290	500.000	-11.3
Aroclor-1260-5	7.278	7.181	7.381	442.190	500.000	-11.6
Decachlorobiphenyl	8.656	8.561	8.761	50.680	50.000	1.4
Tetrachloro-m-xylene	3.672	3.573	3.773	51.750	50.000	3.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 20:10
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:50:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	298.5E6	290.7E6	51.830	51.749
2)	SA Decachlor...	8.707	8.656	229.8E6	90091557	43.787	50.680
Target Compounds							
3)	L1 AR-1016-1	4.762	4.748	114.9E6	102.8E6	481.586	522.412
4)	L1 AR-1016-2	4.781	4.767	161.7E6	148.4E6	485.827	521.020
5)	L1 AR-1016-3	4.838	4.941	113.1E6	76936236	491.598	512.091
6)	L1 AR-1016-4	4.957	4.984	88033206	61505553	474.668	505.024
7)	L1 AR-1016-5	5.215	5.197	88883367	78504580	476.220	493.124
31)	L7 AR-1260-1	6.253	6.226	153.4E6	117.0E6	431.683	466.401
32)	L7 AR-1260-2	6.443	6.414	222.5E6	141.7E6	470.866	481.906
33)	L7 AR-1260-3	6.809	6.566	216.0E6	121.9E6	508.621	456.127
34)	L7 AR-1260-4	7.068	7.036	161.6E6	84268076	514.071	443.292
35)	L7 AR-1260-5	7.312	7.278	369.5E6	187.9E6	448.590	442.186

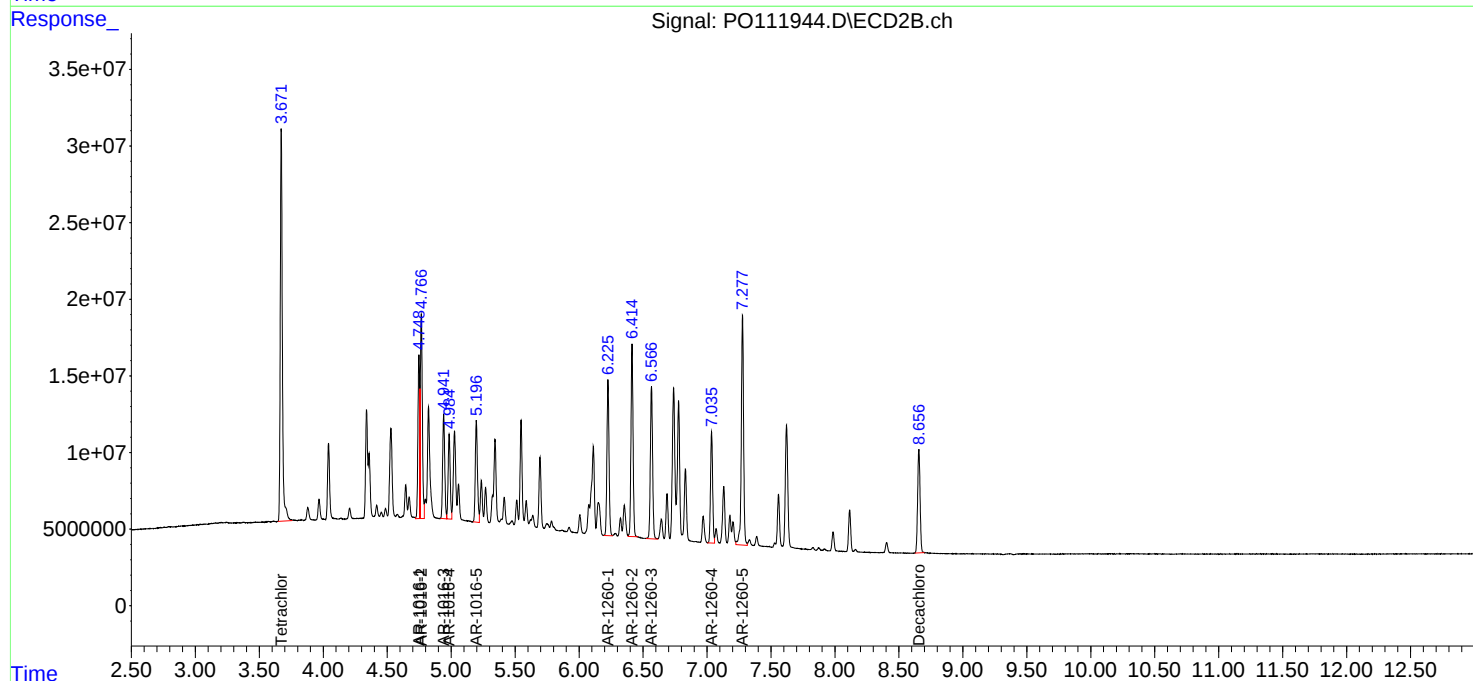
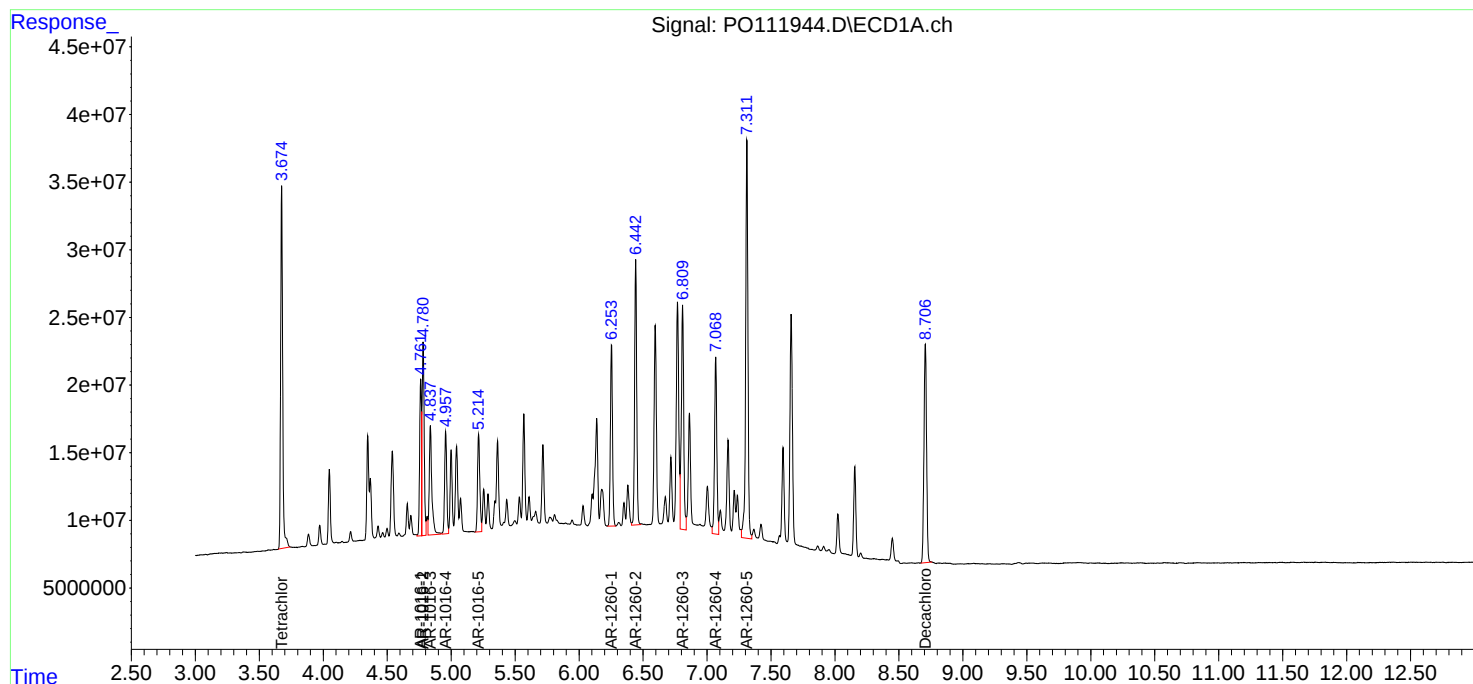
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 20:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:50:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 02:18

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 02:18

Initial Calibration Time(s): 10:40 19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111960.D **Time Analyzed:** 02:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.762	4.666	4.866	450.250	500.000	-10.0
Aroclor-1016-2	4.781	4.684	4.884	464.190	500.000	-7.2
Aroclor-1016-3	4.838	4.741	4.941	444.110	500.000	-11.2
Aroclor-1016-4	4.957	4.861	5.061	448.910	500.000	-10.2
Aroclor-1016-5	5.214	5.118	5.318	450.750	500.000	-9.9
Aroclor-1260-1	6.252	6.157	6.357	447.020	500.000	-10.6
Aroclor-1260-2	6.443	6.346	6.546	496.200	500.000	-0.8
Aroclor-1260-3	6.809	6.713	6.913	525.580	500.000	5.1
Aroclor-1260-4	7.068	6.972	7.172	537.260	500.000	7.5
Aroclor-1260-5	7.311	7.216	7.416	499.020	500.000	-0.2
Decachlorobiphenyl	8.707	8.612	8.812	46.690	50.000	-6.6
Tetrachloro-m-xylene	3.675	3.577	3.777	48.500	50.000	-3.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111960.D **Time Analyzed:** 02:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.748	4.651	4.851	491.900	500.000	-1.6
Aroclor-1016-2	4.767	4.669	4.869	492.070	500.000	-1.6
Aroclor-1016-3	4.942	4.844	5.044	482.310	500.000	-3.5
Aroclor-1016-4	4.984	4.887	5.087	482.180	500.000	-3.6
Aroclor-1016-5	5.196	5.099	5.299	473.350	500.000	-5.3
Aroclor-1260-1	6.225	6.129	6.329	479.740	500.000	-4.1
Aroclor-1260-2	6.413	6.316	6.516	499.200	500.000	-0.2
Aroclor-1260-3	6.565	6.469	6.669	470.920	500.000	-5.8
Aroclor-1260-4	7.036	6.939	7.139	453.320	500.000	-9.3
Aroclor-1260-5	7.277	7.181	7.381	465.200	500.000	-7.0
Decachlorobiphenyl	8.656	8.561	8.761	51.950	50.000	3.9
Tetrachloro-m-xylene	3.672	3.573	3.773	47.570	50.000	-4.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 02:18
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	279.4E6	267.2E6	48.504	47.572
2)	SA Decachlor...	8.707	8.656	245.1E6	92345900	46.695	51.948
Target Compounds							
3)	L1 AR-1016-1	4.762	4.748	107.4E6	96789728	450.254	491.900
4)	L1 AR-1016-2	4.781	4.767	154.5E6	140.2E6	464.194	492.074
5)	L1 AR-1016-3	4.838	4.942	102.2E6	72461595	444.112	482.308
6)	L1 AR-1016-4	4.957	4.984	83255688	58723387	448.908	482.180
7)	L1 AR-1016-5	5.214	5.196	84128893	75357164	450.746	473.354
31)	L7 AR-1260-1	6.252	6.225	158.8E6	120.4E6	447.021	479.743
32)	L7 AR-1260-2	6.443	6.413	234.4E6	146.8E6	496.202	499.203
33)	L7 AR-1260-3	6.809	6.565	223.2E6	125.8E6	525.582	470.916
34)	L7 AR-1260-4	7.068	7.036	168.9E6	86175028	537.259	453.323
35)	L7 AR-1260-5	7.311	7.277	411.1E6	197.7E6	499.016	465.199

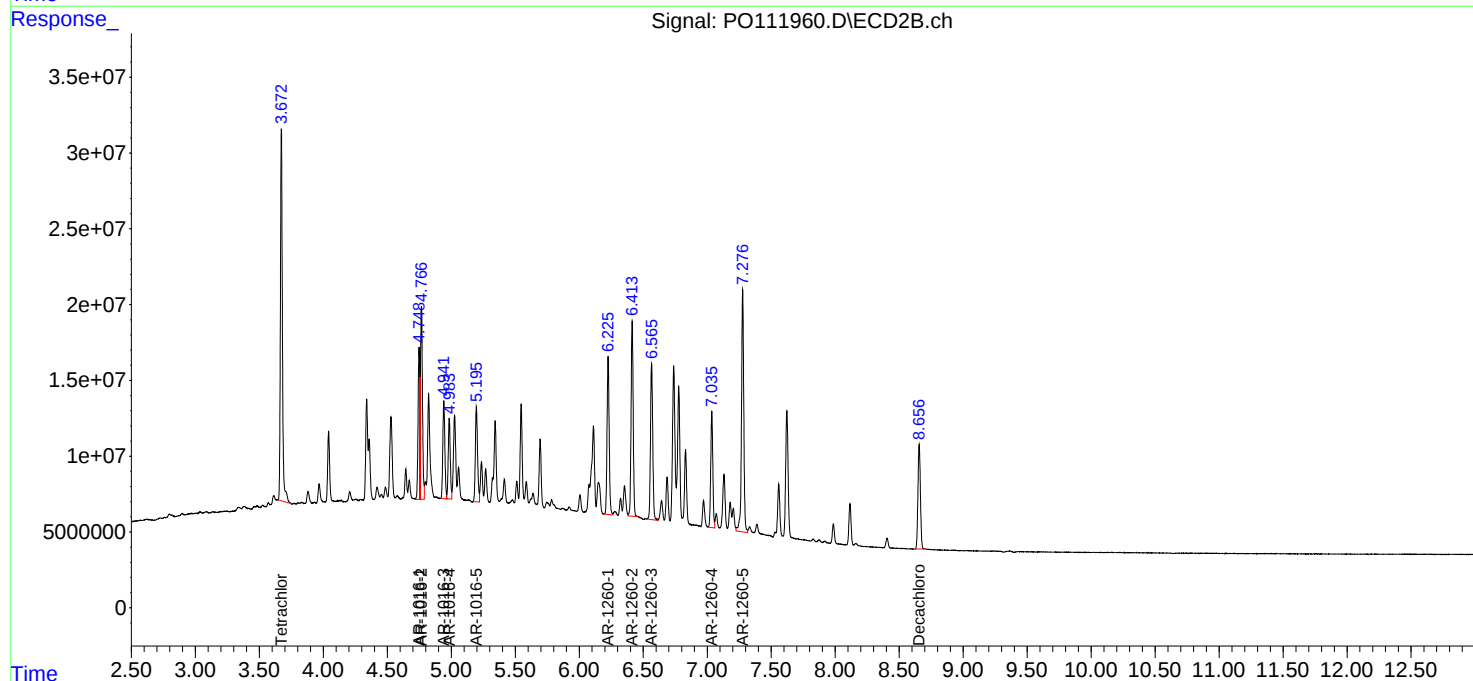
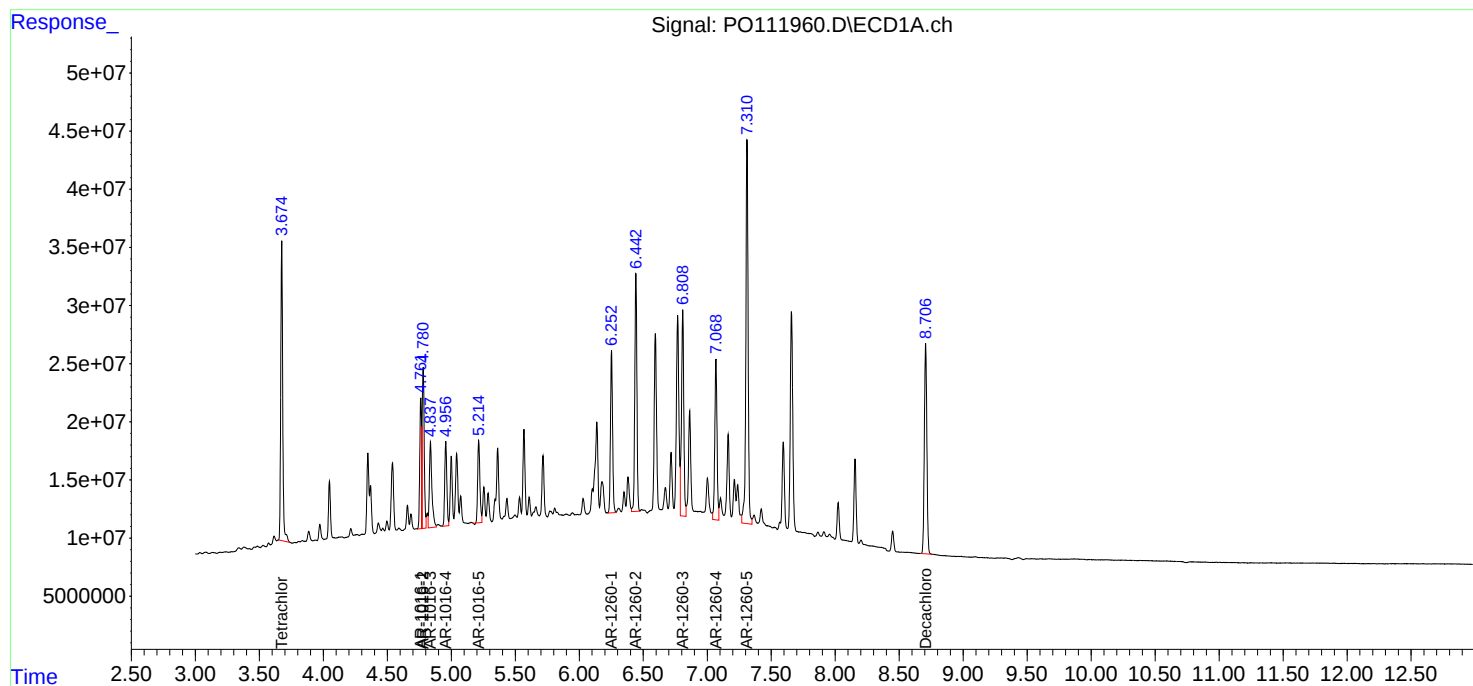
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 02:18
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 10:56

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 10:56

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.19	5.20	5.10	5.30	0.01
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-4	(4)	7.03	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111967.D **Time Analyzed:** 10:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.763	4.666	4.866	499.470	500.000	-0.1
Aroclor-1016-2	4.781	4.684	4.884	523.980	500.000	4.8
Aroclor-1016-3	4.838	4.741	4.941	502.290	500.000	0.5
Aroclor-1016-4	4.958	4.861	5.061	505.900	500.000	1.2
Aroclor-1016-5	5.215	5.118	5.318	532.110	500.000	6.4
Aroclor-1260-1	6.253	6.157	6.357	524.450	500.000	4.9
Aroclor-1260-2	6.443	6.346	6.546	567.730	500.000	13.5
Aroclor-1260-3	6.809	6.713	6.913	592.080	500.000	18.4
Aroclor-1260-4	7.070	6.972	7.172	583.190	500.000	16.6
Aroclor-1260-5	7.312	7.216	7.416	566.850	500.000	13.4
Decachlorobiphenyl	8.708	8.612	8.812	47.330	50.000	-5.3
Tetrachloro-m-xylene	3.675	3.577	3.777	53.730	50.000	7.5



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111967.D **Time Analyzed:** 10:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.746	4.651	4.851	524.840	500.000	5.0
Aroclor-1016-2	4.765	4.669	4.869	539.070	500.000	7.8
Aroclor-1016-3	4.940	4.844	5.044	527.680	500.000	5.5
Aroclor-1016-4	4.983	4.887	5.087	528.380	500.000	5.7
Aroclor-1016-5	5.194	5.099	5.299	521.700	500.000	4.3
Aroclor-1260-1	6.225	6.129	6.329	536.180	500.000	7.2
Aroclor-1260-2	6.413	6.316	6.516	547.830	500.000	9.6
Aroclor-1260-3	6.564	6.469	6.669	524.840	500.000	5.0
Aroclor-1260-4	7.034	6.939	7.139	510.430	500.000	2.1
Aroclor-1260-5	7.276	7.181	7.381	517.150	500.000	3.4
Decachlorobiphenyl	8.656	8.561	8.761	49.900	50.000	-0.2
Tetrachloro-m-xylene	3.671	3.573	3.773	52.020	50.000	4.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 10:56
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 13:53:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.671	309.4E6	292.2E6	53.726	52.015
2) SA Decachlor...	8.708	8.656	248.4E6	88704526	47.326	49.900
Target Compounds						
3) L1 AR-1016-1	4.763	4.746	119.2E6	103.3E6	499.474	524.838
4) L1 AR-1016-2	4.781	4.765	174.4E6	153.6E6	523.978	539.074
5) L1 AR-1016-3	4.838	4.940	115.6E6	79278773	502.292	527.683
6) L1 AR-1016-4	4.958	4.983	93826313	64349386	505.904	528.375
7) L1 AR-1016-5	5.215	5.194	99315123	83053218	532.111	521.696
31) L7 AR-1260-1	6.253	6.225	186.3E6	134.5E6	524.454	536.184
32) L7 AR-1260-2	6.443	6.413	268.2E6	161.1E6	567.730	547.829
33) L7 AR-1260-3	6.809	6.564	251.4E6	140.2E6	592.080	524.838
34) L7 AR-1260-4	7.070	7.034	183.4E6	97030886	583.195	510.430
35) L7 AR-1260-5	7.312	7.276	466.9E6	219.8E6	566.847	517.152

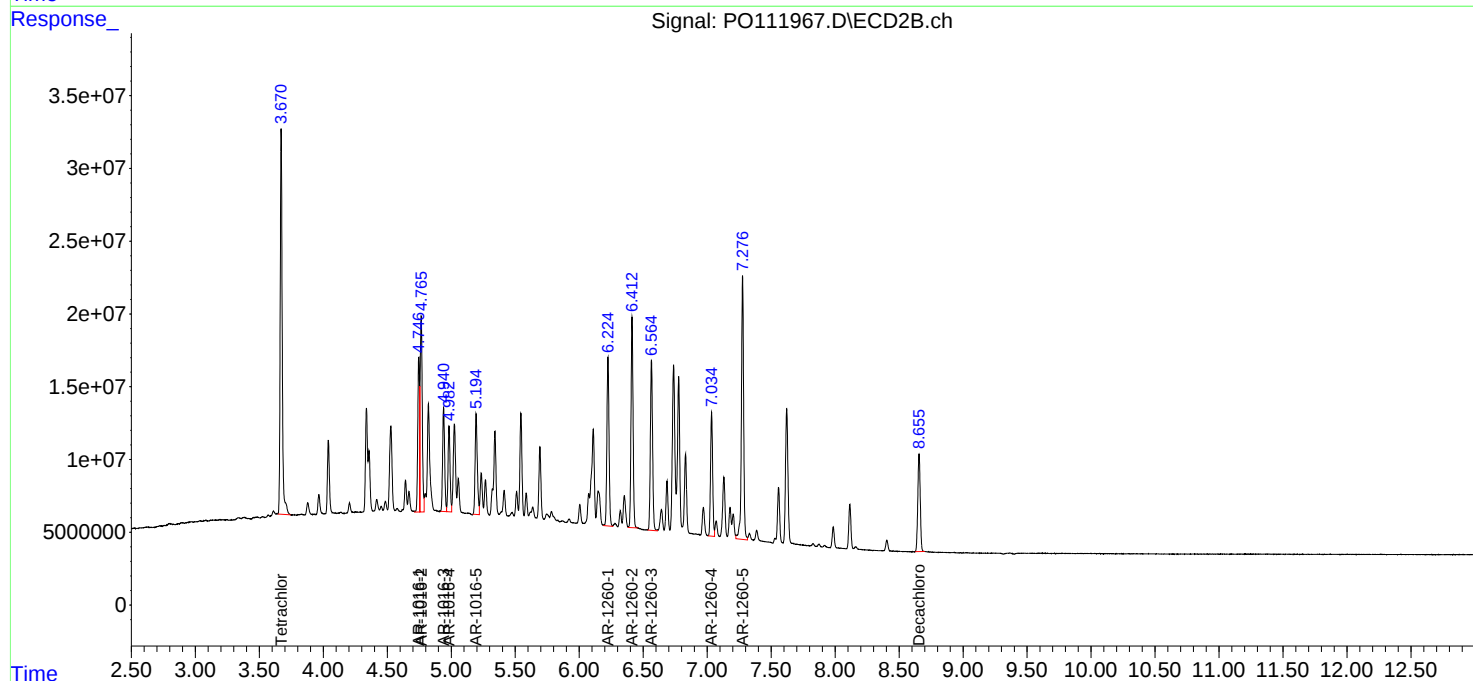
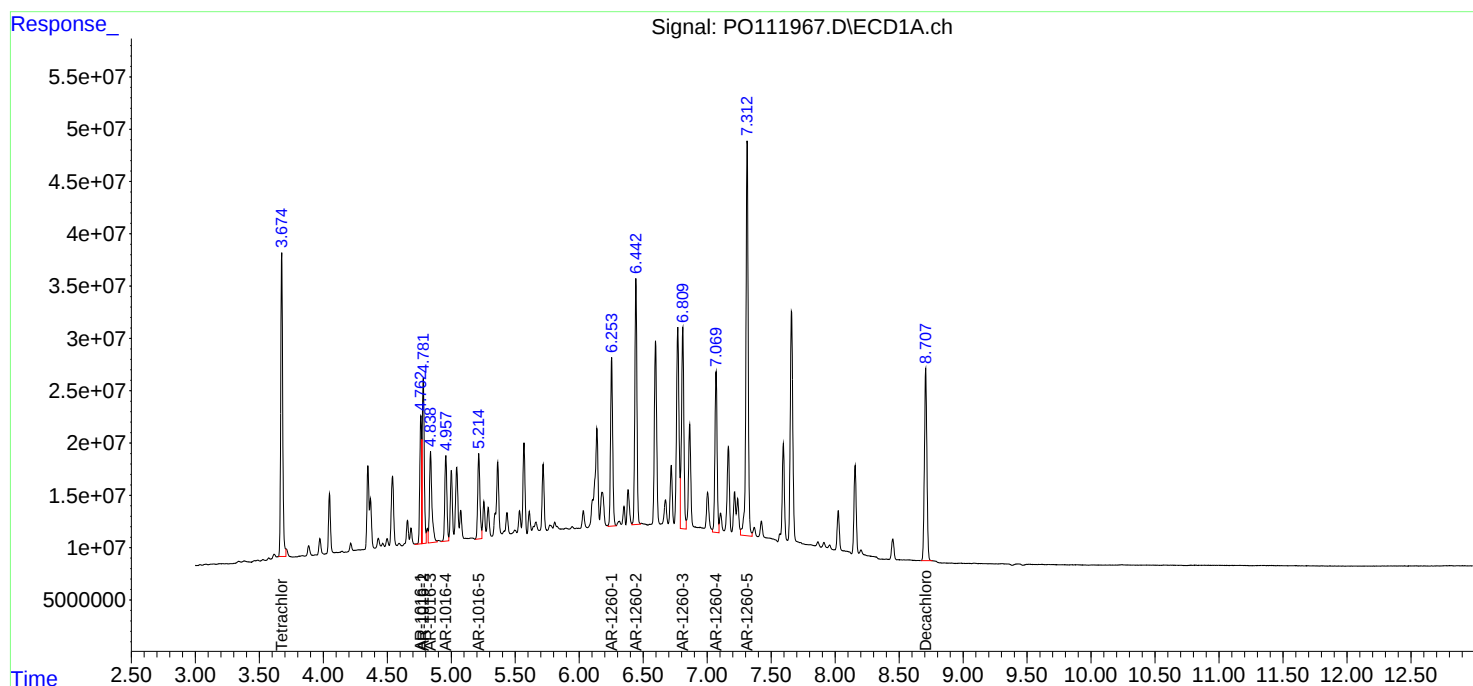
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 10:56
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:53:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 16:19

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 16:19

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.56	6.57	6.47	6.67	0.01
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111981.D **Time Analyzed:** 16:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.763	4.666	4.866	494.270	500.000	-1.1
Aroclor-1016-2	4.782	4.684	4.884	498.670	500.000	-0.3
Aroclor-1016-3	4.838	4.741	4.941	493.110	500.000	-1.4
Aroclor-1016-4	4.958	4.861	5.061	499.120	500.000	-0.2
Aroclor-1016-5	5.215	5.118	5.318	509.150	500.000	1.8
Aroclor-1260-1	6.253	6.157	6.357	497.320	500.000	-0.5
Aroclor-1260-2	6.442	6.346	6.546	530.770	500.000	6.2
Aroclor-1260-3	6.809	6.713	6.913	543.990	500.000	8.8
Aroclor-1260-4	7.069	6.972	7.172	529.570	500.000	5.9
Aroclor-1260-5	7.312	7.216	7.416	514.080	500.000	2.8
Decachlorobiphenyl	8.707	8.612	8.812	44.820	50.000	-10.4
Tetrachloro-m-xylene	3.676	3.577	3.777	53.460	50.000	6.9



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111981.D **Time Analyzed:** 16:19

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.746	4.651	4.851	531.680	500.000	6.3
Aroclor-1016-2	4.765	4.669	4.869	540.660	500.000	8.1
Aroclor-1016-3	4.940	4.844	5.044	533.100	500.000	6.6
Aroclor-1016-4	4.983	4.887	5.087	532.020	500.000	6.4
Aroclor-1016-5	5.195	5.099	5.299	523.140	500.000	4.6
Aroclor-1260-1	6.224	6.129	6.329	531.030	500.000	6.2
Aroclor-1260-2	6.412	6.316	6.516	552.990	500.000	10.6
Aroclor-1260-3	6.564	6.469	6.669	523.940	500.000	4.8
Aroclor-1260-4	7.035	6.939	7.139	515.020	500.000	3.0
Aroclor-1260-5	7.276	7.181	7.381	524.740	500.000	4.9
Decachlorobiphenyl	8.656	8.561	8.761	51.330	50.000	2.7
Tetrachloro-m-xylene	3.671	3.573	3.773	52.280	50.000	4.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 16:19
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:39:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.676	3.671	307.9E6	293.6E6	53.465	52.276
2)	SA Decachlor...	8.707	8.656	235.2E6	91241869	44.815	51.327
Target Compounds							
3)	L1 AR-1016-1	4.763	4.746	117.9E6	104.6E6	494.266	531.677
4)	L1 AR-1016-2	4.782	4.765	165.9E6	154.0E6	498.674	540.657
5)	L1 AR-1016-3	4.838	4.940	113.5E6	80093019	493.107	533.103
6)	L1 AR-1016-4	4.958	4.983	92568315	64793593	499.121	532.023
7)	L1 AR-1016-5	5.215	5.195	95030215	83283504	509.154	523.143
31)	L7 AR-1260-1	6.253	6.224	176.7E6	133.2E6	497.325	531.033
32)	L7 AR-1260-2	6.442	6.412	250.8E6	162.6E6	530.775	552.987
33)	L7 AR-1260-3	6.809	6.564	231.0E6	140.0E6	543.994	523.944
34)	L7 AR-1260-4	7.069	7.035	166.5E6	97903802	529.569	515.022
35)	L7 AR-1260-5	7.312	7.276	423.5E6	223.0E6	514.083	524.745

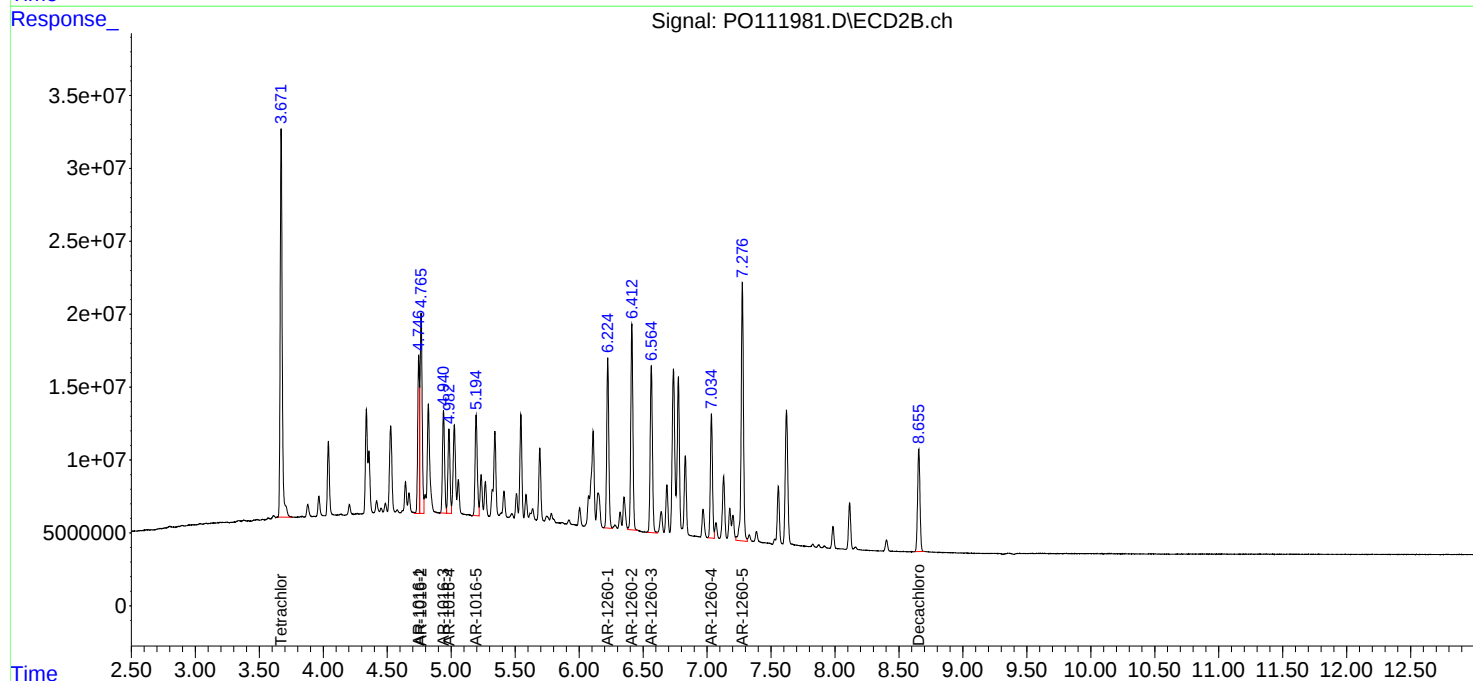
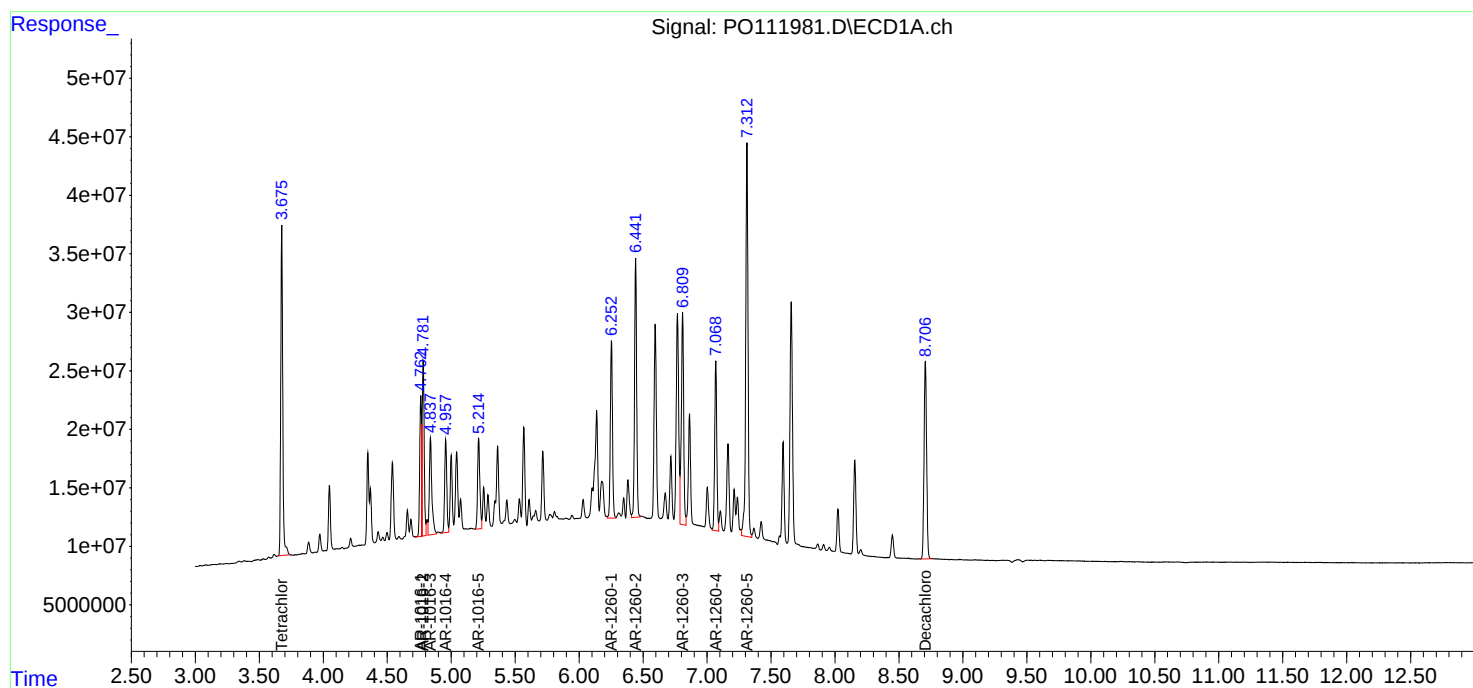
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 16:19
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:39:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 21:16

Initial Calibration Time(s): 10:40 19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.21	5.22	5.12	5.32	0.01
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.67	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 06/11/2025

06/11/2025

Continuing Calib Time: 21:16

Initial Calibration Time(s): 10:40

19:07

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.01
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111995.D **Time Analyzed:** 21:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.760	4.666	4.866	471.790	500.000	-5.6
Aroclor-1016-2	4.779	4.684	4.884	484.590	500.000	-3.1
Aroclor-1016-3	4.836	4.741	4.941	471.150	500.000	-5.8
Aroclor-1016-4	4.956	4.861	5.061	476.110	500.000	-4.8
Aroclor-1016-5	5.213	5.118	5.318	489.260	500.000	-2.1
Aroclor-1260-1	6.251	6.157	6.357	464.360	500.000	-7.1
Aroclor-1260-2	6.441	6.346	6.546	498.640	500.000	-0.3
Aroclor-1260-3	6.807	6.713	6.913	496.090	500.000	-0.8
Aroclor-1260-4	7.066	6.972	7.172	479.720	500.000	-4.1
Aroclor-1260-5	7.309	7.216	7.416	482.380	500.000	-3.5
Decachlorobiphenyl	8.705	8.612	8.812	41.570	50.000	-16.9
Tetrachloro-m-xylene	3.673	3.577	3.777	52.800	50.000	5.6



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO111995.D **Time Analyzed:** 21:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.747	4.651	4.851	515.550	500.000	3.1
Aroclor-1016-2	4.765	4.669	4.869	531.230	500.000	6.2
Aroclor-1016-3	4.940	4.844	5.044	519.890	500.000	4.0
Aroclor-1016-4	4.982	4.887	5.087	517.080	500.000	3.4
Aroclor-1016-5	5.195	5.099	5.299	512.770	500.000	2.6
Aroclor-1260-1	6.224	6.129	6.329	513.060	500.000	2.6
Aroclor-1260-2	6.413	6.316	6.516	534.530	500.000	6.9
Aroclor-1260-3	6.565	6.469	6.669	504.350	500.000	0.9
Aroclor-1260-4	7.035	6.939	7.139	485.350	500.000	-2.9
Aroclor-1260-5	7.277	7.181	7.381	502.790	500.000	0.6
Decachlorobiphenyl	8.656	8.561	8.761	48.520	50.000	-3.0
Tetrachloro-m-xylene	3.670	3.573	3.773	52.260	50.000	4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 21:16
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:44:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.673	3.670	304.1E6	293.6E6	52.802	52.262
2) SA Decachlor...	8.705	8.656	218.2E6	86246388	41.571	48.517
Target Compounds						
3) L1 AR-1016-1	4.760	4.747	112.5E6	101.4E6	471.789	515.554
4) L1 AR-1016-2	4.779	4.765	161.2E6	151.3E6	484.591	531.235
5) L1 AR-1016-3	4.836	4.940	108.4E6	78108620	471.150	519.895
6) L1 AR-1016-4	4.956	4.982	88300066	62973820	476.107	517.080
7) L1 AR-1016-5	5.213	5.195	91316811	81632970	489.258	512.775
31) L7 AR-1260-1	6.251	6.224	165.0E6	128.7E6	464.360	513.056
32) L7 AR-1260-2	6.441	6.413	235.6E6	157.2E6	498.641	534.529
33) L7 AR-1260-3	6.807	6.565	210.7E6	134.8E6	496.093	504.351
34) L7 AR-1260-4	7.066	7.035	150.8E6	92262976	479.723	485.349
35) L7 AR-1260-5	7.309	7.277	397.4E6	213.7E6	482.381	502.788

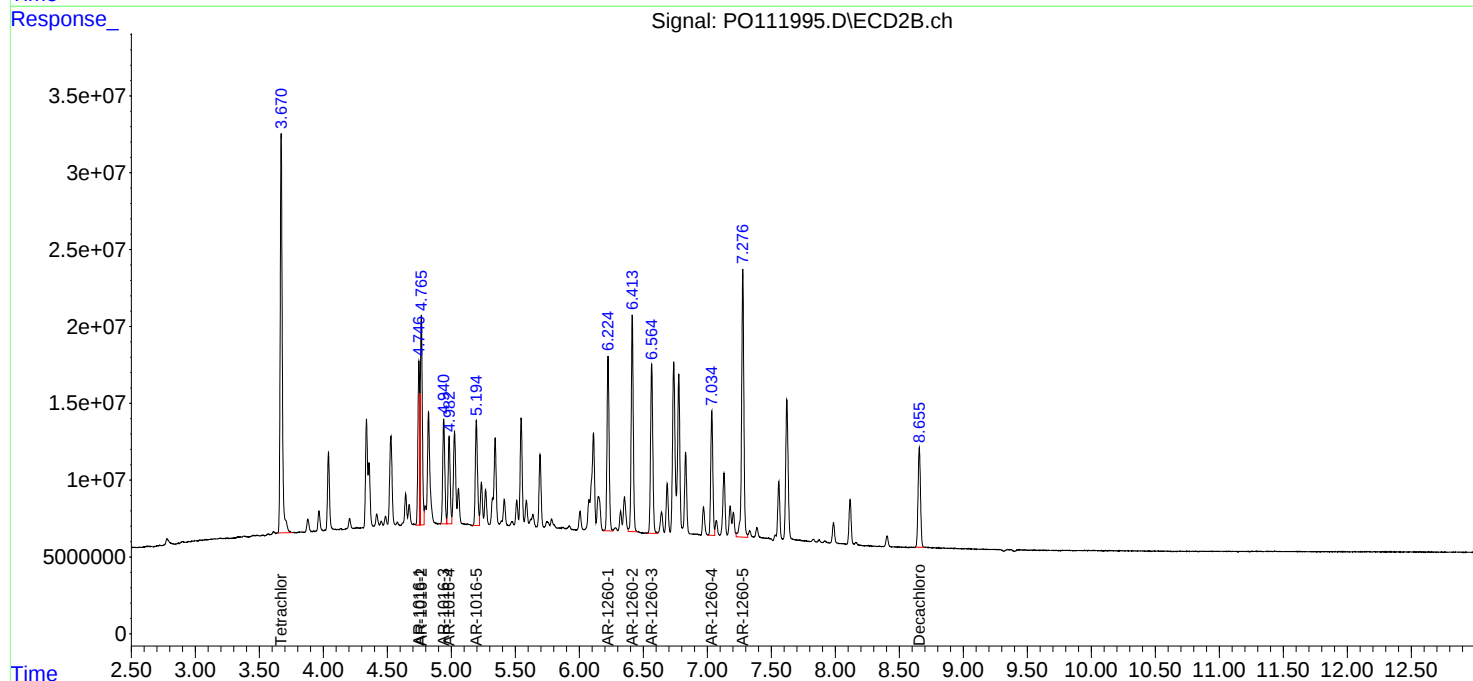
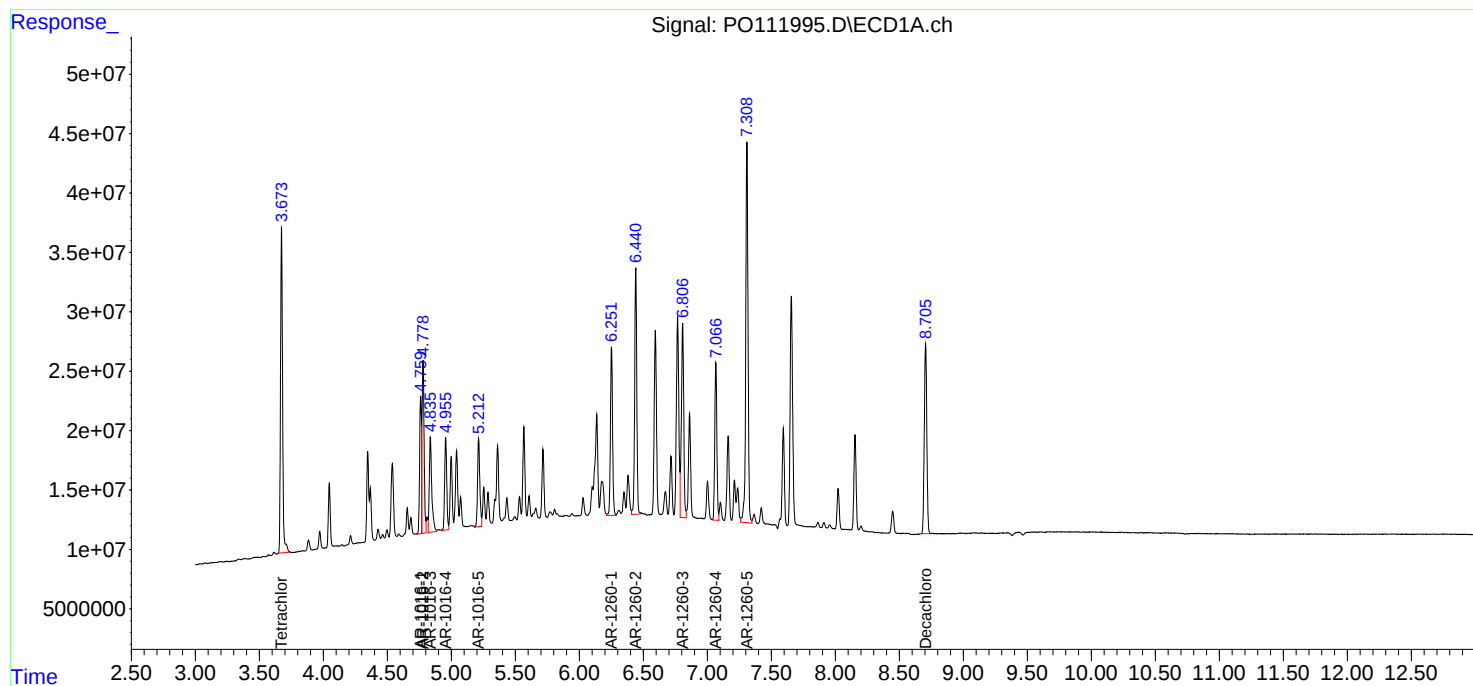
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 21:16
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:44:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 07/01/2025

07/01/2025

Continuing Calib Time: 18:47

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 07/01/2025

07/01/2025

Continuing Calib Time: 18:47

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.79	8.69	8.89	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073463.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.640	5.544	5.744	511.530	500.000	2.3
Aroclor-1016-2	5.662	5.566	5.766	527.050	500.000	5.4
Aroclor-1016-3	5.724	5.629	5.829	489.140	500.000	-2.2
Aroclor-1016-4	5.822	5.726	5.926	517.580	500.000	3.5
Aroclor-1016-5	6.114	6.018	6.218	501.770	500.000	0.4
Aroclor-1260-1	7.231	7.134	7.334	498.660	500.000	-0.3
Aroclor-1260-2	7.484	7.389	7.589	488.000	500.000	-2.4
Aroclor-1260-3	7.843	7.746	7.946	468.290	500.000	-6.3
Aroclor-1260-4	8.066	7.971	8.171	450.520	500.000	-9.9
Aroclor-1260-5	8.384	8.289	8.489	473.490	500.000	-5.3
Decachlorobiphenyl	10.181	10.086	10.286	48.200	50.000	-3.6
Tetrachloro-m-xylene	4.490	4.393	4.593	51.140	50.000	2.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073463.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.862	4.764	4.964	559.790	500.000	12.0
Aroclor-1016-2	4.880	4.782	4.982	561.770	500.000	12.4
Aroclor-1016-3	5.056	4.958	5.158	573.400	500.000	14.7
Aroclor-1016-4	5.098	5.000	5.200	575.300	500.000	15.1
Aroclor-1016-5	5.311	5.214	5.414	583.620	500.000	16.7
Aroclor-1260-1	6.342	6.244	6.444	528.760	500.000	5.8
Aroclor-1260-2	6.531	6.433	6.633	492.230	500.000	-1.6
Aroclor-1260-3	6.682	6.585	6.785	538.520	500.000	7.7
Aroclor-1260-4	7.152	7.054	7.254	518.690	500.000	3.7
Aroclor-1260-5	7.394	7.297	7.497	512.140	500.000	2.4
Decachlorobiphenyl	8.788	8.690	8.890	54.400	50.000	8.8
Tetrachloro-m-xylene	3.782	3.685	3.885	54.540	50.000	9.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
 Data File : PP073463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 18:47
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 06:44:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.490	3.782	81635059	96731121	51.140	54.541
2) SA Decachlor...	10.181	8.788	68495343	75273415	48.203	54.402
Target Compounds						
3) L1 AR-1016-1	5.640	4.862	28021713	36012459	511.529	559.789
4) L1 AR-1016-2	5.662	4.880	43614470	53540886	527.052	561.771
5) L1 AR-1016-3	5.724	5.056	25803753	28910964	489.139	573.405
6) L1 AR-1016-4	5.822	5.098	22786276	23389216	517.585	575.300
7) L1 AR-1016-5	6.114	5.311	20174898	29908621	501.774	583.615m
31) L7 AR-1260-1	7.231	6.342	35560840	48793276	498.658	528.761
32) L7 AR-1260-2	7.484	6.531	51294344	60837142	488.000	492.234
33) L7 AR-1260-3	7.843	6.682	43154749	53892017	468.290	538.522
34) L7 AR-1260-4	8.066	7.152	39807019	45031229	450.517	518.690
35) L7 AR-1260-5	8.384	7.394	93339654	111.7E6	473.489	512.138

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 18:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

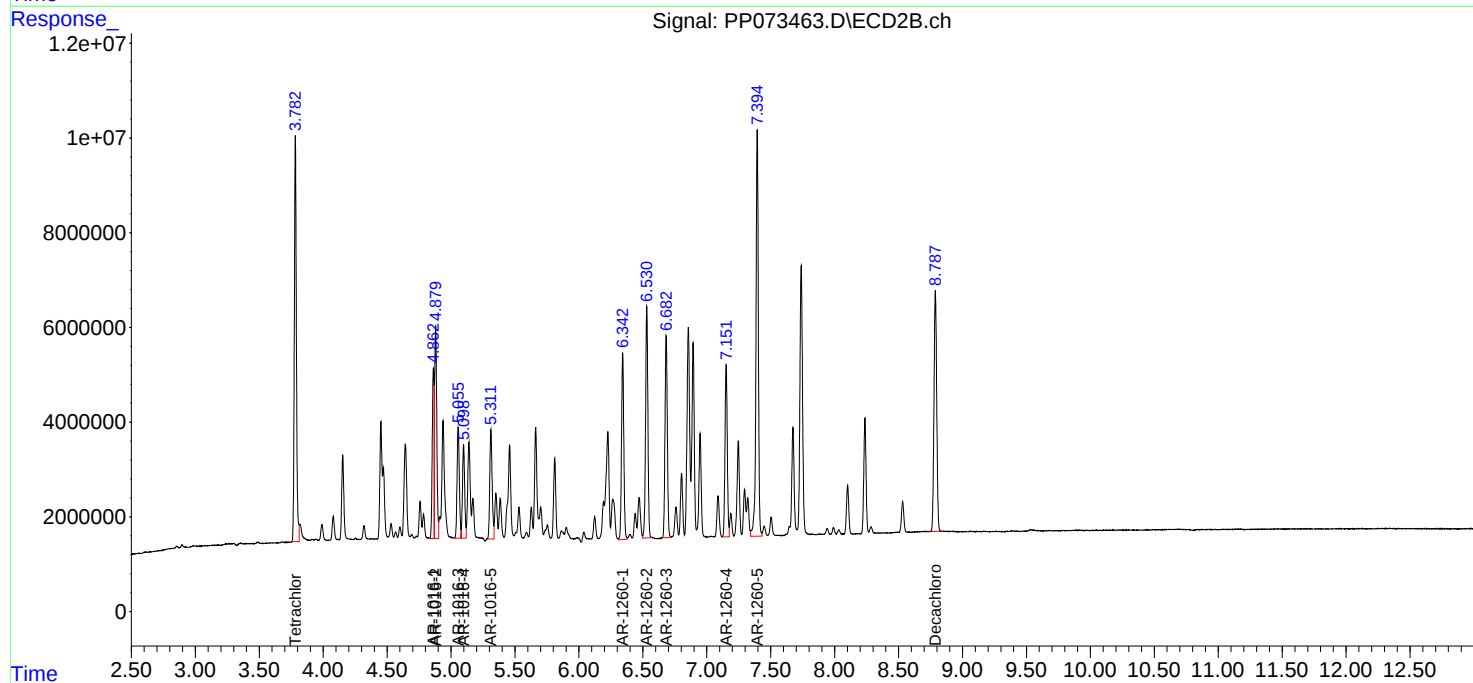
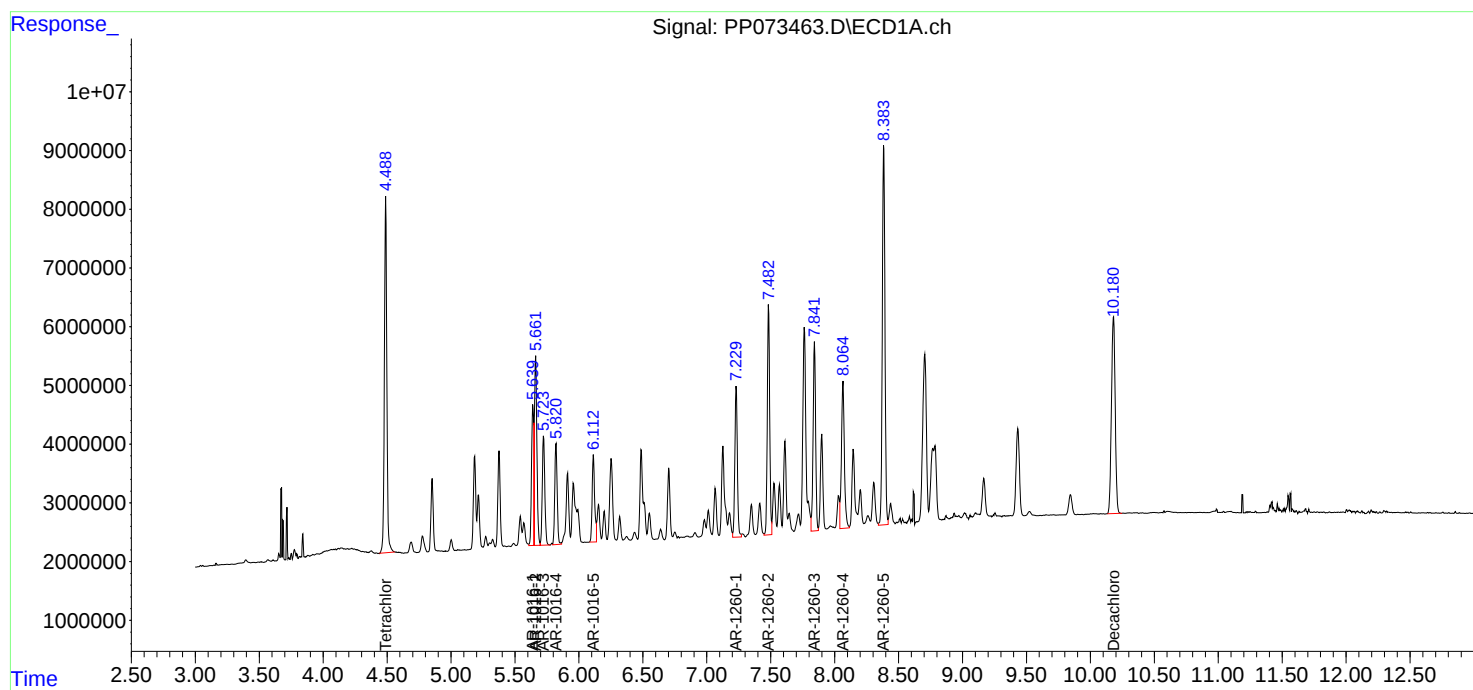
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 06:44:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 07/01/2025

07/01/2025

Continuing Calib Time: 23:58

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Continuing Calib Date: 07/02/2025

Initial Calibration Date(s): 07/01/2025

07/01/2025

Continuing Calib Time: 23:58

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.79	8.69	8.89	0.00



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073478.D **Time Analyzed:** 23:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.640	5.544	5.744	476.200	500.000	-4.8
Aroclor-1016-2	5.661	5.566	5.766	500.870	500.000	0.2
Aroclor-1016-3	5.723	5.629	5.829	476.170	500.000	-4.8
Aroclor-1016-4	5.821	5.726	5.926	488.130	500.000	-2.4
Aroclor-1016-5	6.113	6.018	6.218	484.430	500.000	-3.1
Aroclor-1260-1	7.230	7.134	7.334	484.390	500.000	-3.1
Aroclor-1260-2	7.484	7.389	7.589	474.470	500.000	-5.1
Aroclor-1260-3	7.842	7.746	7.946	451.690	500.000	-9.7
Aroclor-1260-4	8.065	7.971	8.171	432.530	500.000	-13.5
Aroclor-1260-5	8.384	8.289	8.489	440.260	500.000	-11.9
Decachlorobiphenyl	10.178	10.086	10.286	45.850	50.000	-8.3
Tetrachloro-m-xylene	4.489	4.393	4.593	48.710	50.000	-2.6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2458
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL08 **Date Analyzed:** 07/02/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073478.D **Time Analyzed:** 23:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.861	4.764	4.964	553.770	500.000	10.8
Aroclor-1016-2	4.879	4.782	4.982	561.550	500.000	12.3
Aroclor-1016-3	5.056	4.958	5.158	576.960	500.000	15.4
Aroclor-1016-4	5.097	5.000	5.200	578.510	500.000	15.7
Aroclor-1016-5	5.311	5.214	5.414	591.760	500.000	18.4
Aroclor-1260-1	6.342	6.244	6.444	550.610	500.000	10.1
Aroclor-1260-2	6.529	6.433	6.633	510.620	500.000	2.1
Aroclor-1260-3	6.682	6.585	6.785	544.940	500.000	9.0
Aroclor-1260-4	7.151	7.054	7.254	545.010	500.000	9.0
Aroclor-1260-5	7.394	7.297	7.497	520.370	500.000	4.1
Decachlorobiphenyl	8.786	8.690	8.890	54.310	50.000	8.6
Tetrachloro-m-xylene	3.783	3.685	3.885	53.770	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
 Data File : PP073478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 23:58
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 07:08:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.489	3.783	77755755	95360178	48.710	53.768
2) SA Decachlor...	10.178	8.786	65156171	75145515	45.853	54.310
Target Compounds						
3) L1 AR-1016-1	5.640	4.861	26086258	35625204	476.198	553.769
4) L1 AR-1016-2	5.661	4.879	41447483	53519965	500.866	561.552
5) L1 AR-1016-3	5.723	5.056	25119752	29090314	476.173	576.962
6) L1 AR-1016-4	5.821	5.097	21489403	23519535	488.127	578.505
7) L1 AR-1016-5	6.113	5.311	19477653	30326182	484.432	591.763m
31) L7 AR-1260-1	7.230	6.342	34543554	50809533	484.393	550.610
32) L7 AR-1260-2	7.484	6.529	49872270	63109906	474.471	510.623
33) L7 AR-1260-3	7.842	6.682	41624984	54534603	451.690	544.943
34) L7 AR-1260-4	8.065	7.151	38217781	47315833	432.531	545.005 #
35) L7 AR-1260-5	8.384	7.394	86789455	113.5E6	440.261	520.372

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 23:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

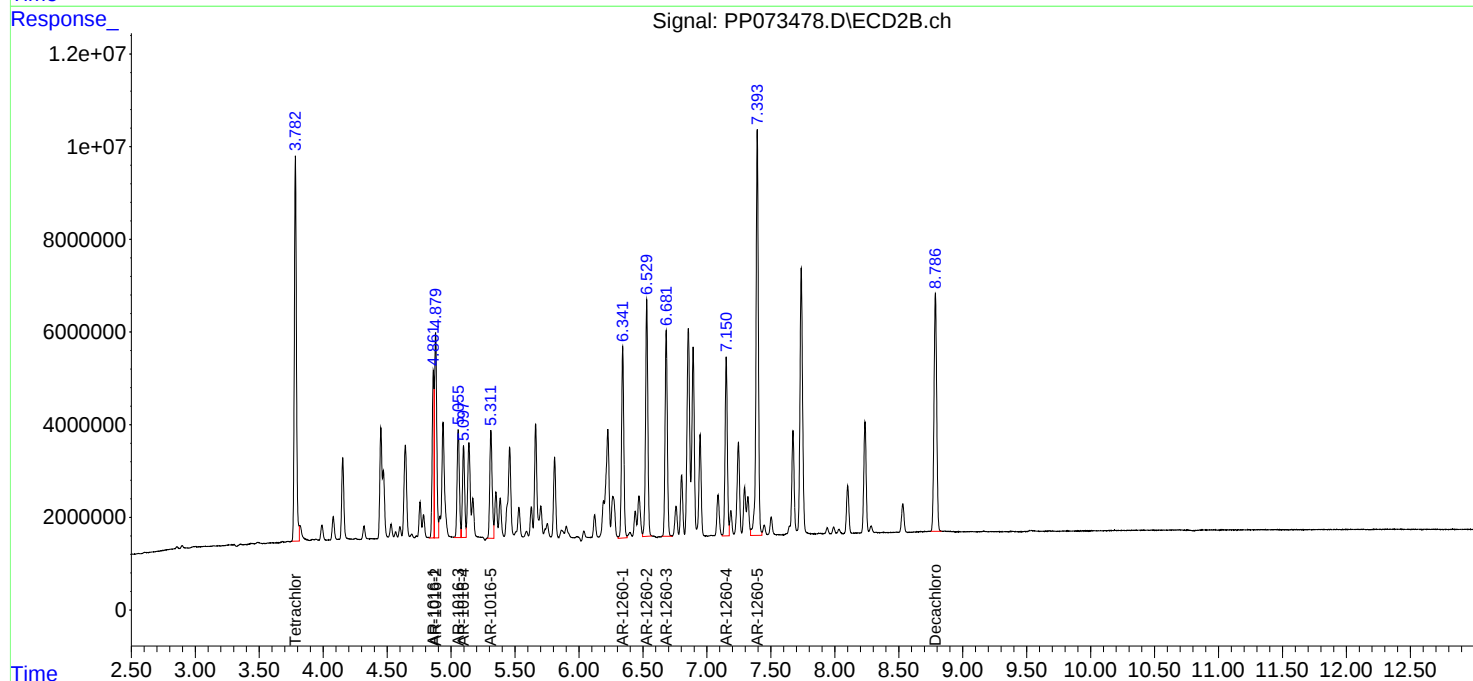
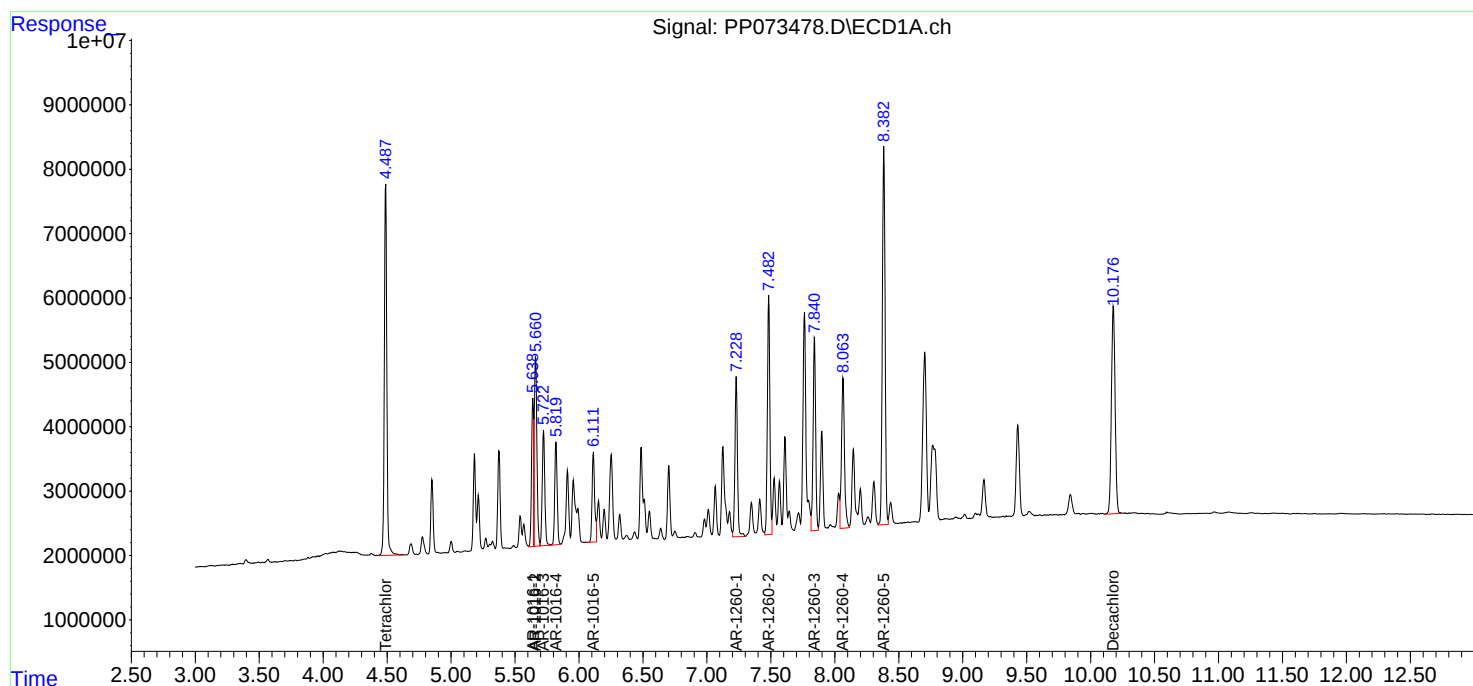
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 07:08:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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



Analytical Sequence

Client: CDM Smith

SDG No.: Q2458

Project: South River WM Replacement

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/11/2025

06/11/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/11/2025	10:21	PO111586.D	8.71	3.68
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.71	3.68
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.71	3.68
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.71	3.68
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.71	3.68
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.71	3.68
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.71	3.68
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.71	3.68
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.71	3.68
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.71	3.68
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.71	3.68
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.71	3.68
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.71	3.68
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.71	3.68
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.71	3.68
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.71	3.68
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.71	3.68
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.71	3.68
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.71	3.68
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.71	3.68
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.71	3.68
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.71	3.68
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.71	3.68
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.71	3.68
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.71	3.68
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.71	3.68
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.71	3.68
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.71	3.68
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.71	3.68
AR1660CCC500	AR1660CCC500	07/01/2025	14:42	PO111928.D	8.71	3.68
IBLK	IBLK	07/01/2025	16:10	PO111933.D	8.71	3.68
PB168671BL	PB168671BL	07/01/2025	16:27	PO111934.D	8.71	3.68
PB168671BS	PB168671BS	07/01/2025	16:45	PO111935.D	8.71	3.68
TP-76	Q2458-01	07/01/2025	17:02	PO111936.D	8.71	3.68
TP-55	Q2458-02	07/01/2025	17:19	PO111937.D	8.71	3.68
TP-55MS	Q2458-02MS	07/01/2025	17:37	PO111938.D	8.71	3.68
TP-55MSD	Q2458-02MSD	07/01/2025	17:54	PO111939.D	8.71	3.68
TP-68	Q2458-03	07/01/2025	18:12	PO111940.D	8.71	3.68
TP-67	Q2458-04	07/01/2025	18:29	PO111941.D	8.71	3.67
TP-66	Q2458-05	07/01/2025	18:47	PO111942.D	8.71	3.67
TP-60	Q2458-06	07/01/2025	19:04	PO111943.D	8.71	3.67
AR1660CCC500	AR1660CCC500	07/01/2025	20:10	PO111944.D	8.71	3.68

Analytical Sequence

LBLK	LBLK	07/01/2025	22:13	PO111949.D	8.71	3.68
TP-62	Q2458-07	07/01/2025	22:31	PO111950.D	8.71	3.68
TP-63	Q2458-08	07/01/2025	22:48	PO111951.D	8.71	3.68
AR1660CCC500	AR1660CCC500	07/02/2025	02:18	PO111960.D	8.71	3.68
LBLK	LBLK	07/02/2025	04:26	PO111965.D	8.71	3.68
AR1660CCC500	AR1660CCC500	07/02/2025	10:56	PO111967.D	8.71	3.68
LBLK	LBLK	07/02/2025	12:08	PO111971.D	8.71	3.67
TP-59	Q2458-09	07/02/2025	13:37	PO111976.D	8.71	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	16:19	PO111981.D	8.71	3.68
LBLK	LBLK	07/02/2025	17:28	PO111985.D	8.71	3.67
PB168704BL	PB168704BL	07/02/2025	17:45	PO111986.D	8.71	3.67
PB168704BS	PB168704BS	07/02/2025	18:03	PO111987.D	8.71	3.68
PB168704BSD	PB168704BSD	07/02/2025	18:20	PO111988.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	21:16	PO111995.D	8.71	3.67
LBLK	LBLK	07/02/2025	23:05	PO111999.D	8.71	3.68
LBLK	LBLK	07/01/2025	13:46	PP073412.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/01/2025	14:04	PP073413.D	10.19	4.50
AR1660ICC750	AR1660ICC750	07/01/2025	14:21	PP073414.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/01/2025	14:37	PP073415.D	10.19	4.49
AR1660ICC250	AR1660ICC250	07/01/2025	14:54	PP073416.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/01/2025	15:10	PP073417.D	10.18	4.49
AR1221ICC500	AR1221ICC500	07/01/2025	15:26	PP073418.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/01/2025	15:43	PP073419.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/01/2025	15:59	PP073420.D	10.19	4.49
AR1242ICC750	AR1242ICC750	07/01/2025	16:16	PP073421.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/01/2025	16:33	PP073422.D	10.19	4.49
AR1242ICC250	AR1242ICC250	07/01/2025	16:49	PP073423.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/01/2025	17:05	PP073424.D	10.19	4.49
AR1248ICC1000	AR1248ICC1000	07/01/2025	17:22	PP073425.D	10.18	4.49
AR1248ICC750	AR1248ICC750	07/01/2025	17:39	PP073426.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/01/2025	17:55	PP073427.D	10.18	4.49
AR1248ICC250	AR1248ICC250	07/01/2025	18:12	PP073428.D	10.19	4.49
AR1248ICC050	AR1248ICC050	07/01/2025	18:28	PP073429.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	07/01/2025	18:45	PP073430.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/01/2025	19:01	PP073431.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/01/2025	19:18	PP073432.D	10.18	4.49
AR1254ICC250	AR1254ICC250	07/01/2025	19:35	PP073433.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/01/2025	19:51	PP073434.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/01/2025	20:08	PP073435.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/01/2025	20:24	PP073436.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/01/2025	20:41	PP073437.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/01/2025	20:57	PP073438.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/01/2025	21:14	PP073439.D	10.18	4.49
AR1268ICC050	AR1268ICC050	07/01/2025	21:30	PP073440.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/02/2025	18:47	PP073463.D	10.18	4.49
LBLK	LBLK	07/02/2025	19:53	PP073467.D	10.18	4.49
FB-06272025	Q2458-10	07/02/2025	21:47	PP073474.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/02/2025	23:58	PP073478.D	10.18	4.49
LBLK	LBLK	07/03/2025	01:04	PP073482.D	10.18	4.49

Analytical Sequence

Client: CDM Smith

SDG No.: Q2458

Project: South River WM Replacement

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/11/2025

06/11/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/11/2025	10:21	PO111586.D	8.66	3.67
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.66	3.67
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.66	3.67
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.66	3.67
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.66	3.67
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.66	3.67
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.66	3.67
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.66	3.67
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.66	3.67
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.66	3.67
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.66	3.67
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.66	3.67
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.66	3.67
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.66	3.67
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.66	3.67
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.66	3.67
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.66	3.67
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.66	3.67
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.66	3.67
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.66	3.67
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.66	3.67
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.66	3.67
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.66	3.67
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.66	3.67
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.66	3.67
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.66	3.67
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.66	3.67
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.66	3.67
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/01/2025	14:42	PO111928.D	8.66	3.67
IBLK	IBLK	07/01/2025	16:10	PO111933.D	8.66	3.67
PB168671BL	PB168671BL	07/01/2025	16:27	PO111934.D	8.66	3.67
PB168671BS	PB168671BS	07/01/2025	16:45	PO111935.D	8.66	3.67
TP-76	Q2458-01	07/01/2025	17:02	PO111936.D	8.66	3.67
TP-55	Q2458-02	07/01/2025	17:19	PO111937.D	8.66	3.67
TP-55MS	Q2458-02MS	07/01/2025	17:37	PO111938.D	8.66	3.67
TP-55MSD	Q2458-02MSD	07/01/2025	17:54	PO111939.D	8.66	3.67
TP-68	Q2458-03	07/01/2025	18:12	PO111940.D	8.66	3.67
TP-67	Q2458-04	07/01/2025	18:29	PO111941.D	8.66	3.67
TP-66	Q2458-05	07/01/2025	18:47	PO111942.D	8.66	3.67
TP-60	Q2458-06	07/01/2025	19:04	PO111943.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/01/2025	20:10	PO111944.D	8.66	3.67

Analytical Sequence

I.BLK	I.BLK	07/01/2025	22:13	PO111949.D	8.66	3.67
TP-62	Q2458-07	07/01/2025	22:31	PO111950.D	8.66	3.67
TP-63	Q2458-08	07/01/2025	22:48	PO111951.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	02:18	PO111960.D	8.66	3.67
I.BLK	I.BLK	07/02/2025	04:26	PO111965.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	10:56	PO111967.D	8.66	3.67
I.BLK	I.BLK	07/02/2025	12:08	PO111971.D	8.66	3.67
TP-59	Q2458-09	07/02/2025	13:37	PO111976.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	16:19	PO111981.D	8.66	3.67
I.BLK	I.BLK	07/02/2025	17:28	PO111985.D	8.66	3.67
PB168704BL	PB168704BL	07/02/2025	17:45	PO111986.D	8.66	3.67
PB168704BS	PB168704BS	07/02/2025	18:03	PO111987.D	8.66	3.67
PB168704BSD	PB168704BSD	07/02/2025	18:20	PO111988.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	21:16	PO111995.D	8.66	3.67
I.BLK	I.BLK	07/02/2025	23:05	PO111999.D	8.66	3.67
I.BLK	I.BLK	07/01/2025	13:46	PP073412.D	8.79	3.78
AR1660ICC1000	AR1660ICC1000	07/01/2025	14:04	PP073413.D	8.79	3.79
AR1660ICC750	AR1660ICC750	07/01/2025	14:21	PP073414.D	8.79	3.79
AR1660ICC500	AR1660ICC500	07/01/2025	14:37	PP073415.D	8.79	3.79
AR1660ICC250	AR1660ICC250	07/01/2025	14:54	PP073416.D	8.79	3.78
AR1660ICC050	AR1660ICC050	07/01/2025	15:10	PP073417.D	8.79	3.78
AR1221ICC500	AR1221ICC500	07/01/2025	15:26	PP073418.D	8.79	3.78
AR1232ICC500	AR1232ICC500	07/01/2025	15:43	PP073419.D	8.79	3.78
AR1242ICC1000	AR1242ICC1000	07/01/2025	15:59	PP073420.D	8.79	3.79
AR1242ICC750	AR1242ICC750	07/01/2025	16:16	PP073421.D	8.79	3.79
AR1242ICC500	AR1242ICC500	07/01/2025	16:33	PP073422.D	8.79	3.79
AR1242ICC250	AR1242ICC250	07/01/2025	16:49	PP073423.D	8.79	3.78
AR1242ICC050	AR1242ICC050	07/01/2025	17:05	PP073424.D	8.79	3.78
AR1248ICC1000	AR1248ICC1000	07/01/2025	17:22	PP073425.D	8.79	3.78
AR1248ICC750	AR1248ICC750	07/01/2025	17:39	PP073426.D	8.79	3.79
AR1248ICC500	AR1248ICC500	07/01/2025	17:55	PP073427.D	8.79	3.79
AR1248ICC250	AR1248ICC250	07/01/2025	18:12	PP073428.D	8.79	3.78
AR1248ICC050	AR1248ICC050	07/01/2025	18:28	PP073429.D	8.79	3.78
AR1254ICC1000	AR1254ICC1000	07/01/2025	18:45	PP073430.D	8.79	3.78
AR1254ICC750	AR1254ICC750	07/01/2025	19:01	PP073431.D	8.79	3.78
AR1254ICC500	AR1254ICC500	07/01/2025	19:18	PP073432.D	8.79	3.78
AR1254ICC250	AR1254ICC250	07/01/2025	19:35	PP073433.D	8.79	3.78
AR1254ICC050	AR1254ICC050	07/01/2025	19:51	PP073434.D	8.79	3.78
AR1262ICC500	AR1262ICC500	07/01/2025	20:08	PP073435.D	8.79	3.78
AR1268ICC1000	AR1268ICC1000	07/01/2025	20:24	PP073436.D	8.79	3.78
AR1268ICC750	AR1268ICC750	07/01/2025	20:41	PP073437.D	8.79	3.78
AR1268ICC500	AR1268ICC500	07/01/2025	20:57	PP073438.D	8.79	3.78
AR1268ICC250	AR1268ICC250	07/01/2025	21:14	PP073439.D	8.79	3.78
AR1268ICC050	AR1268ICC050	07/01/2025	21:30	PP073440.D	8.79	3.78
AR1660CCC500	AR1660CCC500	07/02/2025	18:47	PP073463.D	8.79	3.78
I.BLK	I.BLK	07/02/2025	19:53	PP073467.D	8.79	3.78
FB-06272025	Q2458-10	07/02/2025	21:47	PP073474.D	8.79	3.78
AR1660CCC500	AR1660CCC500	07/02/2025	23:58	PP073478.D	8.79	3.78
I.BLK	I.BLK	07/03/2025	01:04	PP073482.D	8.79	3.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168671BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168671BS

Date(s) Analyzed: 07/01/2025 07/01/2025

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 PO111935.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.762	4.712	4.812	154	156	4.39
COLUMN 1	2	4.781	4.731	4.831	160		
	3	4.838	4.788	4.888	154		
	4	4.958	4.908	5.008	156		
	5	5.215	5.165	5.265	155		
COLUMN 2	1	4.749	4.699	4.799	165	163	
	2	4.767	4.717	4.817	166		
	3	4.942	4.892	4.992	164		
	4	4.984	4.934	5.034	161		
	5	5.197	5.147	5.247	157		
Aroclor-1260	1	6.254	6.204	6.304	172	167	3.04
COLUMN 1	2	6.443	6.393	6.493	181		
	3	6.81	6.76	6.86	156		
	4	7.069	7.019	7.119	160		
	5	7.312	7.262	7.362	165		
COLUMN 2	1	6.226	6.176	6.276	174	162	
	2	6.414	6.364	6.464	176		
	3	6.566	6.516	6.616	170		
	4	7.037	6.987	7.087	147		
	5	7.278	7.228	7.328	144		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-55MS

Lab Name: Alliance
Lab Code: ACE
Lab Sample ID: Q2458-02MS
Instrument ID (1): ECD_O

Contract: CAMP02
SDG NO.: Q2458
Date(s) Analyzed: 07/01/2025 07/01/2025
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 PO111938.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.762	4.712	4.812	151	150	3.28
COLUMN 1	2	4.78	4.73	4.83	152		
	3	4.838	4.788	4.888	155		
	4	4.957	4.907	5.007	154		
	5	5.215	5.165	5.265	139		
	1	4.748	4.698	4.798	161		
COLUMN 2	2	4.767	4.717	4.817	161	155	
	3	4.942	4.892	4.992	157		
	4	4.984	4.934	5.034	153		
	5	5.197	5.147	5.247	143		
Aroclor-1260	1	6.253	6.203	6.303	156	133	4.41
COLUMN 1	2	6.442	6.392	6.492	151		
	3	6.809	6.759	6.859	119		
	4	7.069	7.019	7.119	119		
	5	7.312	7.262	7.362	119		
	1	6.226	6.176	6.276	156		
COLUMN 2	2	6.414	6.364	6.464	152	139	
	3	6.565	6.515	6.615	142		
	4	7.036	6.986	7.086	121		
	5	7.278	7.228	7.328	121		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-55MSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-02MSD

Date(s) Analyzed: 07/01/2025 07/01/2025

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 PO111939.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.763	4.713	4.813	172	172	9.12
COLUMN 1	2	4.782	4.732	4.832	164		
	3	4.838	4.788	4.888	189		
	4	4.958	4.908	5.008	184		
	5	5.215	5.165	5.265	148		
	1	4.748	4.698	4.798	165		
COLUMN 2	2	4.767	4.717	4.817	163	157	
	3	4.942	4.892	4.992	154		
	4	4.985	4.935	5.035	158		
	5	5.196	5.146	5.246	147		
Aroclor-1260	1	6.254	6.204	6.304	160	133	5.84
COLUMN 1	2	6.443	6.393	6.493	153		
	3	6.809	6.759	6.859	118		
	4	7.069	7.019	7.119	119		
	5	7.312	7.262	7.362	117		
	1	6.226	6.176	6.276	161		
COLUMN 2	2	6.414	6.364	6.464	153	141	
	3	6.566	6.516	6.616	143		
	4	7.036	6.986	7.086	122		
	5	7.278	7.228	7.328	123		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-63

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: Q2458-08

Date(s) Analyzed: 07/01/2025 07/01/2025

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 PO111951.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	5.57	5.52	5.62	14.2	8.30	4.94
COLUMN 1	2	5.716	5.666	5.766	6.60		
	3	6.121	6.071	6.171	4.28		
	4	6.35	6.3	6.4	6.61		
	5	6.768	6.718	6.818	10.0		
	1	5.549	5.499	5.599	11.0		
COLUMN 2	2	5.694	5.644	5.744	6.32	7.90	
	3	6.095	6.045	6.145	4.04		
	4	6.323	6.273	6.373	6.61		
	5	6.738	6.688	6.788	11.8		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168704BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168704BS

Date(s) Analyzed: 07/02/2025 07/02/2025

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 PO111987.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.761	4.711	4.811	4.63	4.70	6.19
COLUMN 1	2	4.78	4.73	4.83	4.74		
	3	4.838	4.788	4.888	4.69		
	4	4.957	4.907	5.007	4.72		
	5	5.214	5.164	5.264	4.59		
COLUMN 2	1	4.747	4.697	4.797	5.04	5.00	
	2	4.766	4.716	4.816	5.07		
	3	4.941	4.891	4.991	5.04		
	4	4.984	4.934	5.034	4.85		
	5	5.196	5.146	5.246	4.77		
Aroclor-1260	1	6.252	6.202	6.302	4.87	4.80	4.08
COLUMN 1	2	6.442	6.392	6.492	5.13		
	3	6.809	6.759	6.859	4.56		
	4	7.068	7.018	7.118	4.73		
	5	7.311	7.261	7.361	4.50		
COLUMN 2	1	6.225	6.175	6.275	5.36	5.00	
	2	6.413	6.363	6.463	5.46		
	3	6.565	6.515	6.615	5.23		
	4	7.035	6.985	7.085	4.59		
	5	7.277	7.227	7.327	4.56		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168704BSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2458

Lab Sample ID: PB168704BSD

Date(s) Analyzed: 07/02/2025 07/02/2025

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 PO111988.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.761	4.711	4.811	4.59	4.60	6.32
COLUMN 1	2	4.78	4.73	4.83	4.69		
	3	4.837	4.787	4.887	4.59		
	4	4.957	4.907	5.007	4.64		
	5	5.214	5.164	5.264	4.53		
	1	4.747	4.697	4.797	5.02		
COLUMN 2	2	4.766	4.716	4.816	5.00	4.90	
	3	4.941	4.891	4.991	4.97		
	4	4.983	4.933	5.033	4.84		
	5	5.195	5.145	5.245	4.71		
Aroclor-1260	1	6.252	6.202	6.302	4.77	4.60	8.33
COLUMN 1	2	6.441	6.391	6.491	5.02		
	3	6.807	6.757	6.857	4.44		
	4	7.067	7.017	7.117	4.61		
	5	7.309	7.259	7.359	4.38		
	1	6.225	6.175	6.275	5.22		
COLUMN 2	2	6.412	6.362	6.462	5.43	5.00	
	3	6.564	6.514	6.614	5.14		
	4	7.035	6.985	7.085	4.52		
	5	7.276	7.226	7.326	4.47		



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168671BL	SDG No.:	Q2458
Lab Sample ID:	PB168671BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111934.D	1	07/01/25 08:30	07/01/25 16:27	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		32 - 175	100%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
Data File : PO111934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:27
Operator : YP/AJ
Sample : PB168671BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168671BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:46:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.675	3.672	115.1E6	105.8E6	19.992	18.843
2) SA Decachlor...	8.708	8.657	98196225	35400907	18.707	19.914

Target Compounds

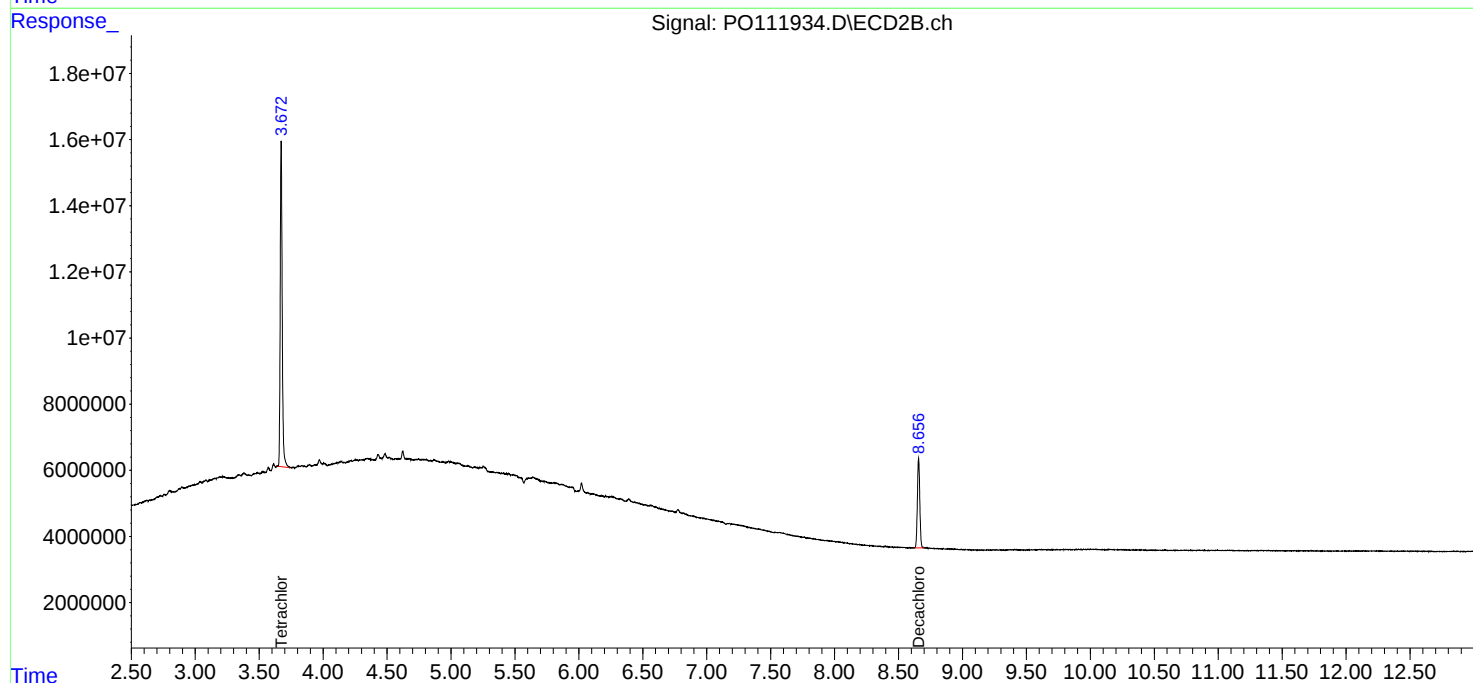
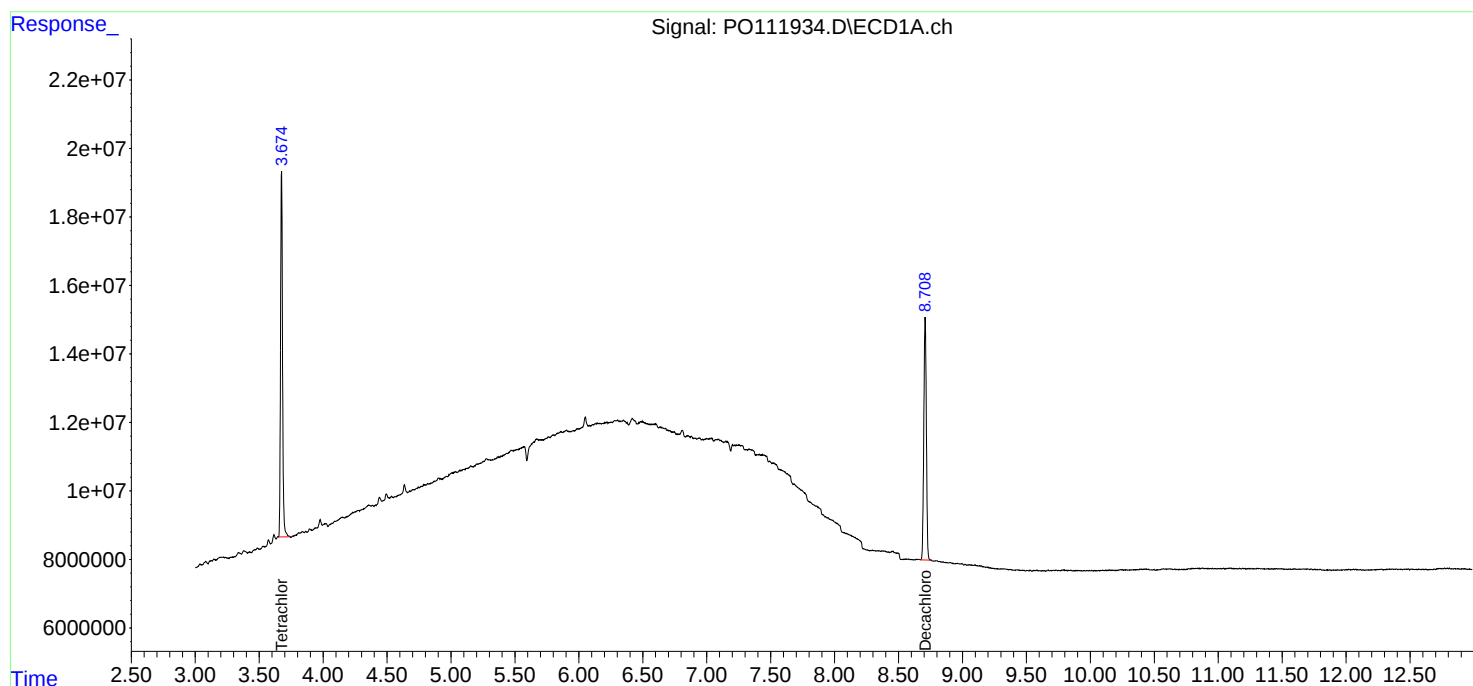
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

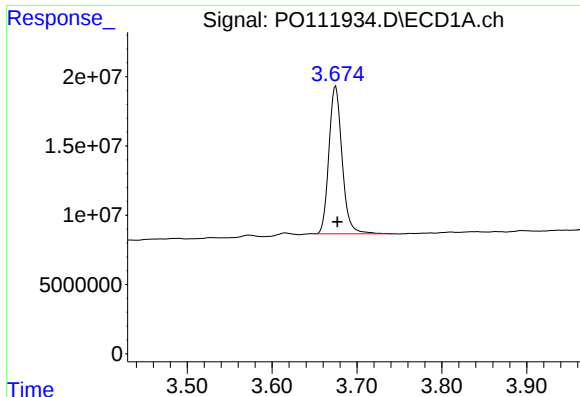
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:27
Operator : YP/AJ
Sample : PB168671BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168671BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:46:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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

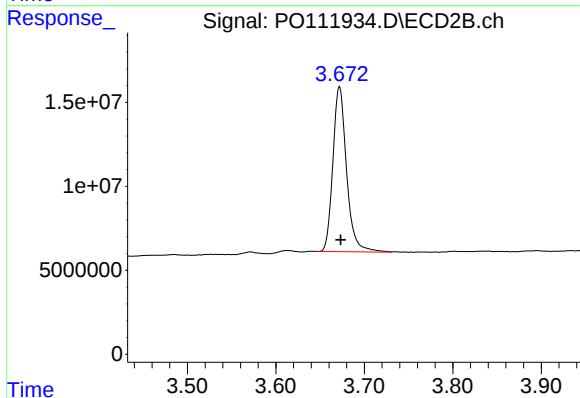




#1 Tetrachloro-m-xylene

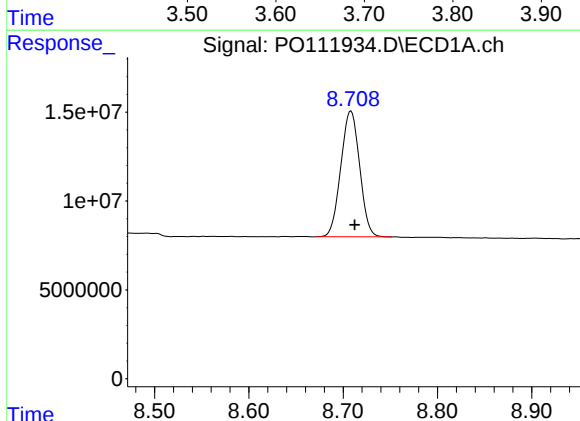
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 115144258
Conc: 19.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168671BL



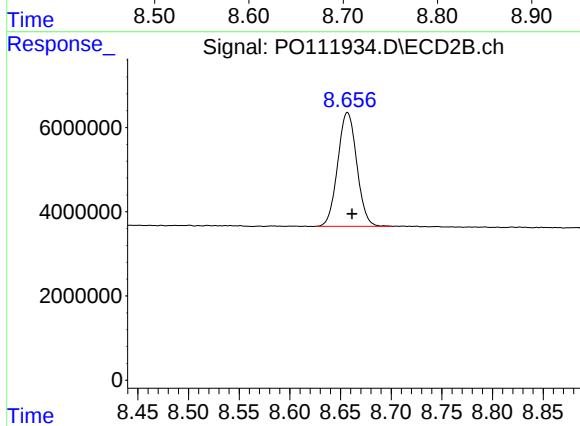
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 105847631
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 98196225
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.657 min
Delta R.T.: -0.004 min
Response: 35400907
Conc: 19.91 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168704BL	SDG No.:	Q2458
Lab Sample ID:	PB168704BL	Matrix:	WATER
Analytical Method:	8082A	% 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
PO111986.D	1	07/02/25 12:10	07/02/25 17:45	PB168704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		30 - 173	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		10 - 173	99%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
Data File : PO111986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:45
Operator : YP/AJ
Sample : PB168704BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168704BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.674	3.671	113.2E6	104.5E6	19.655	18.599
2) SA Decachlor...	8.706	8.656	91187716	35171350	17.372	19.785

Target Compounds

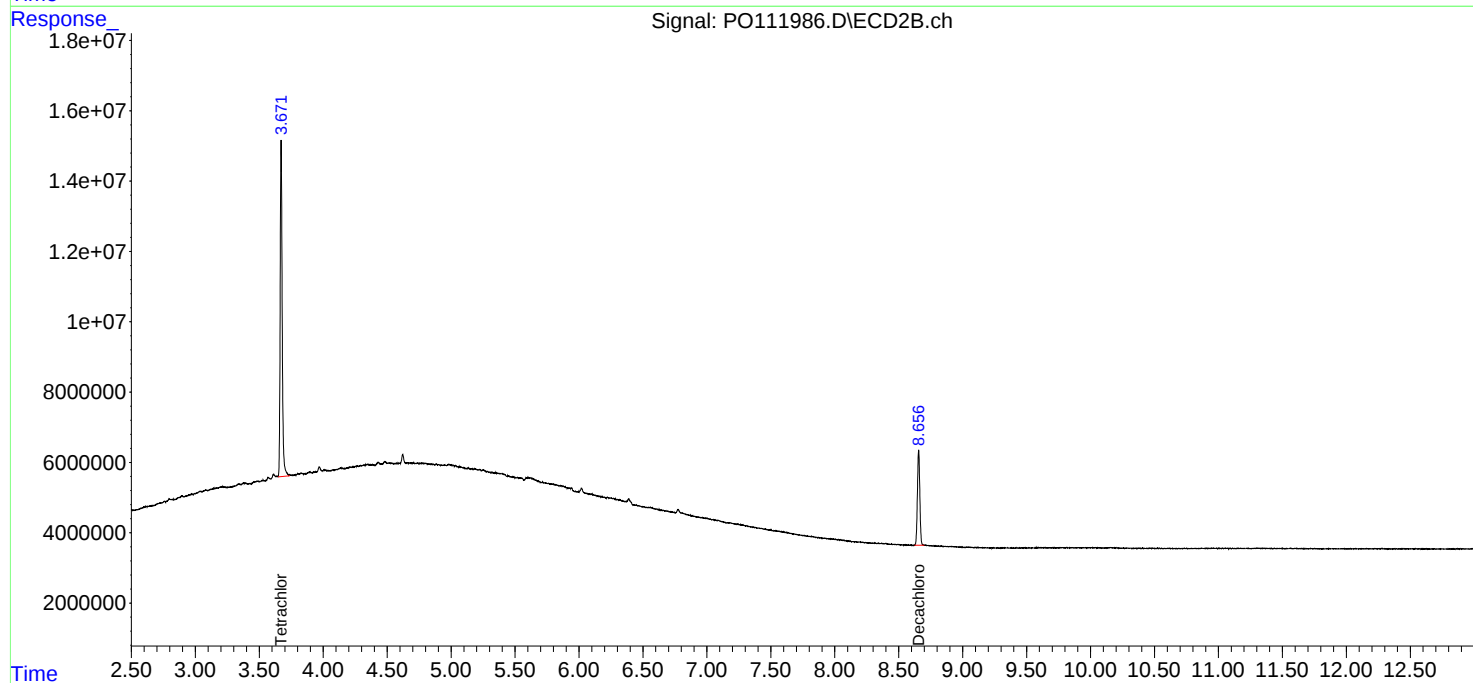
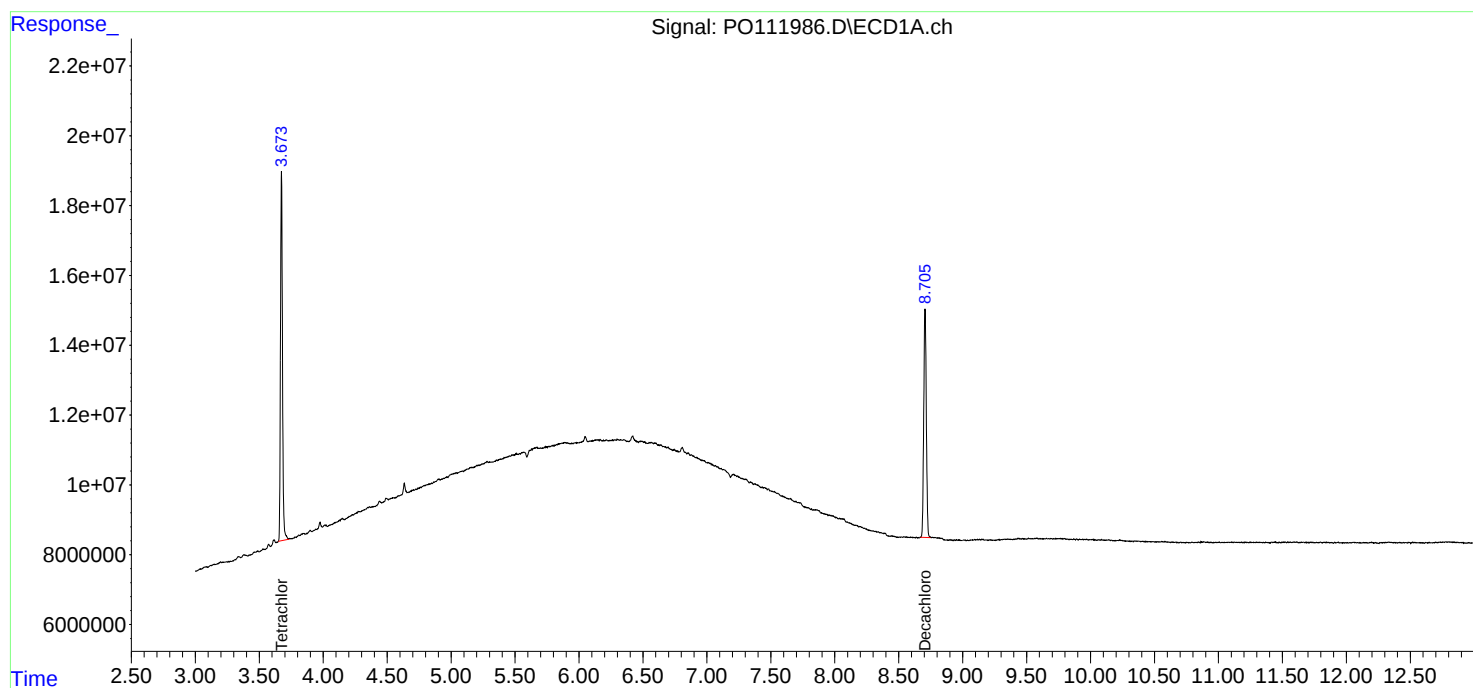
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

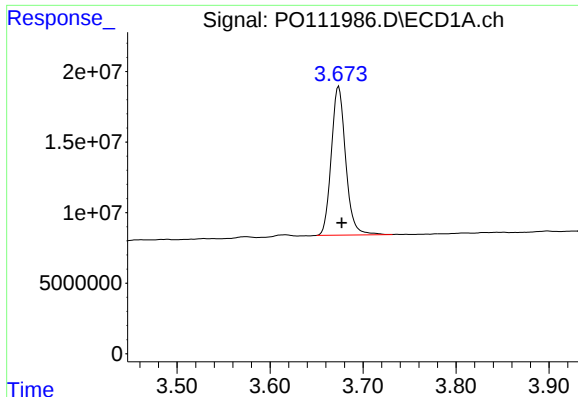
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:45
Operator : YP/AJ
Sample : PB168704BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168704BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

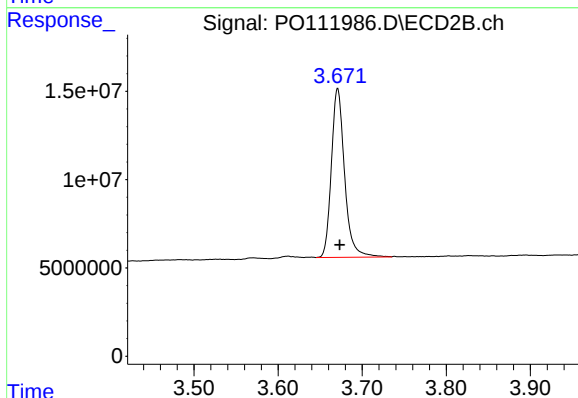




#1 Tetrachloro-m-xylene

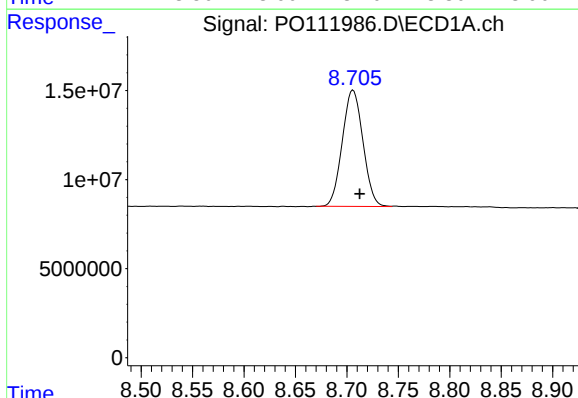
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 113201840
Conc: 19.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168704BL



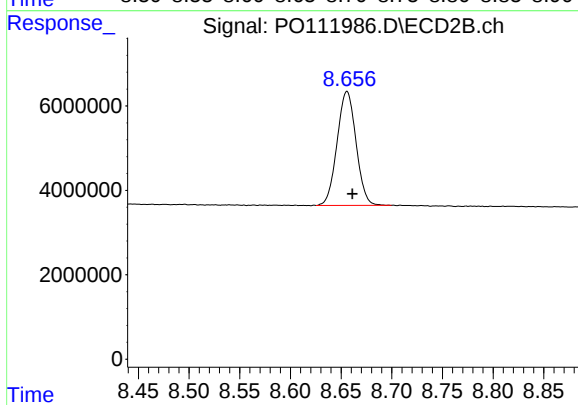
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 104473590
Conc: 18.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.006 min
Response: 91187716
Conc: 17.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 35171350
Conc: 19.79 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	06/11/25
Project:	South River WM Replacement	Date Received:	06/11/25
Client Sample ID:	PIBLK-PO111586.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111586.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111586.D	1		06/11/25	po061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	103%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
 Data File : PO111586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 10:21
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:10:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:09:32 2025
 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...	3.677	3.673	117.0E6	106.8E6	20.308	19.004
2) SA Decachlor...	8.713	8.662	108.8E6	36486352	20.730	20.525

Target Compounds

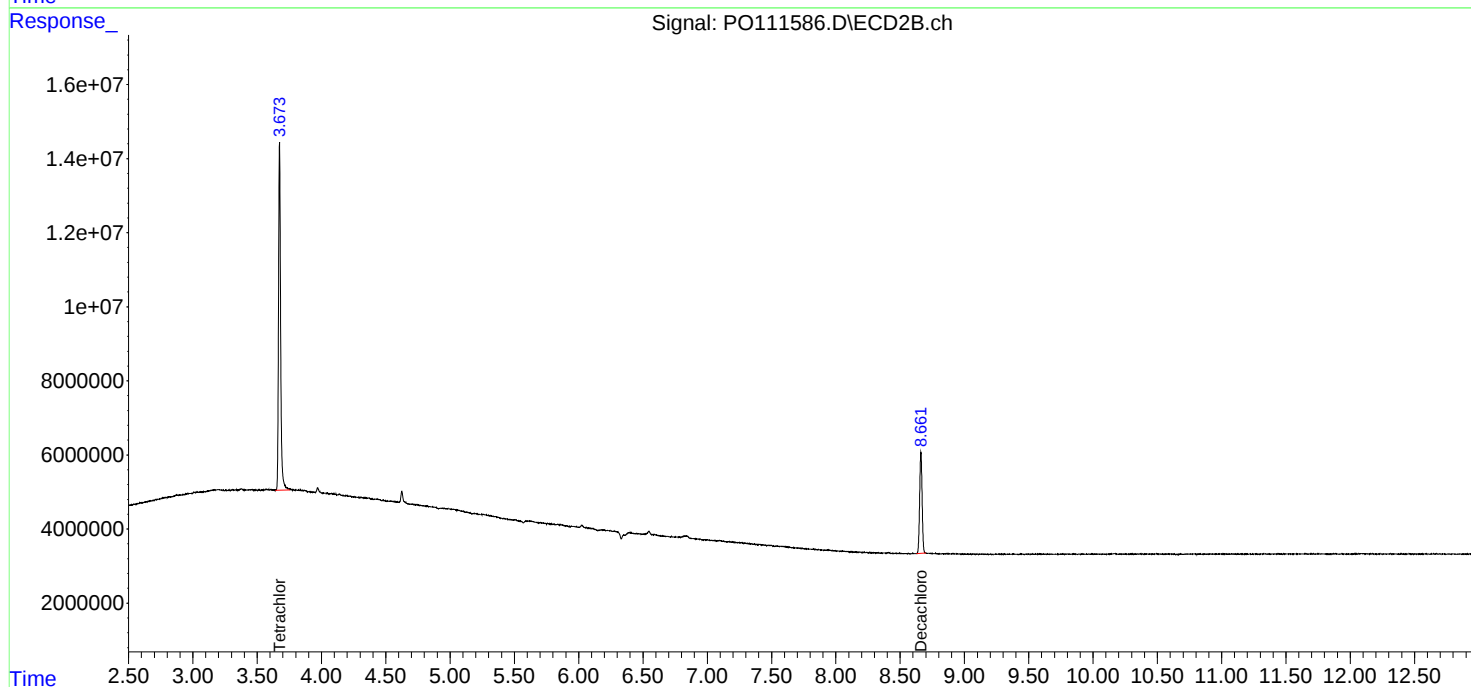
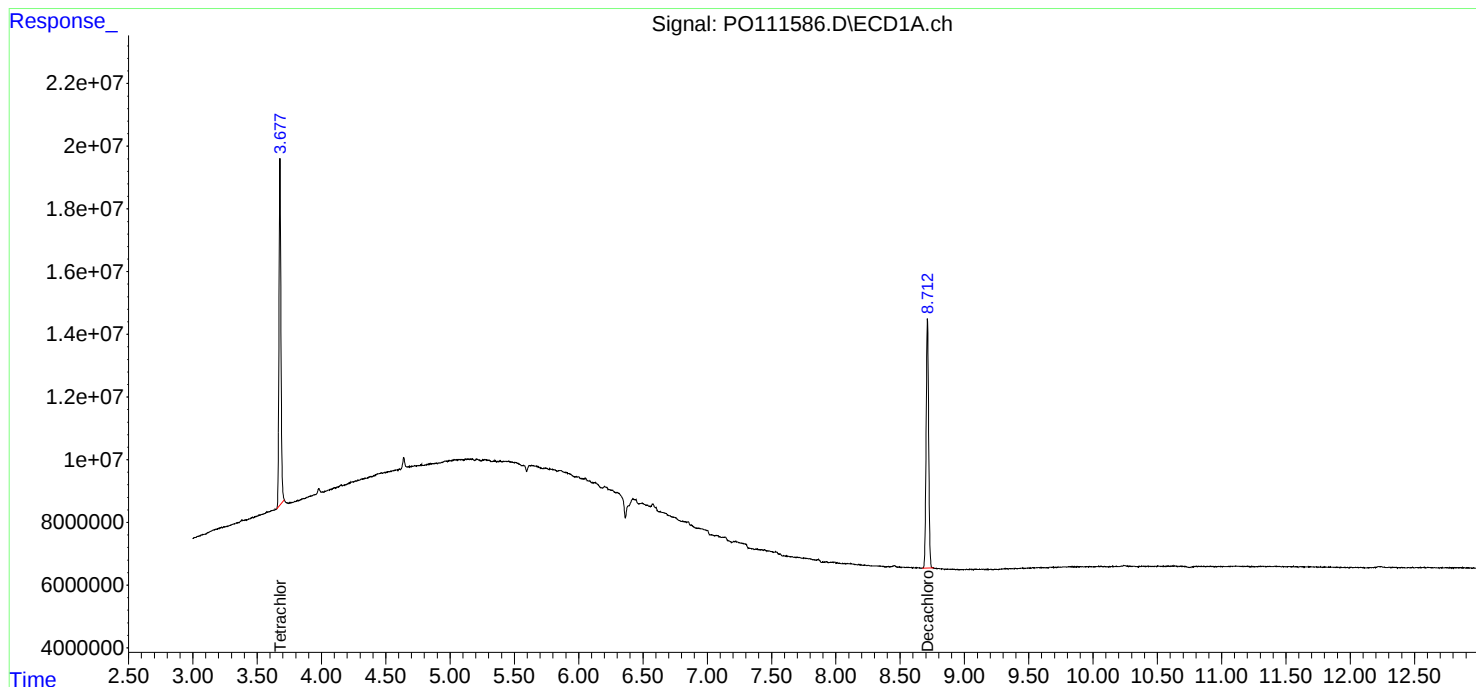
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

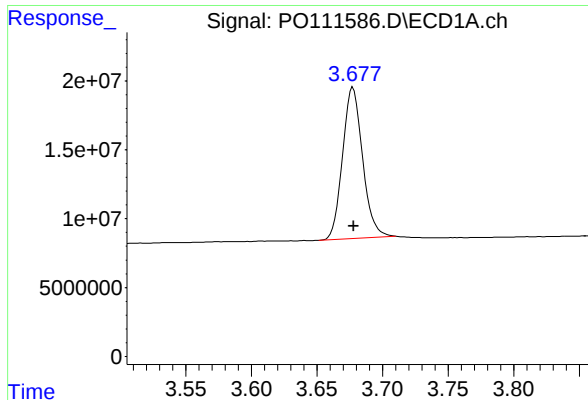
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:10:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:09:32 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

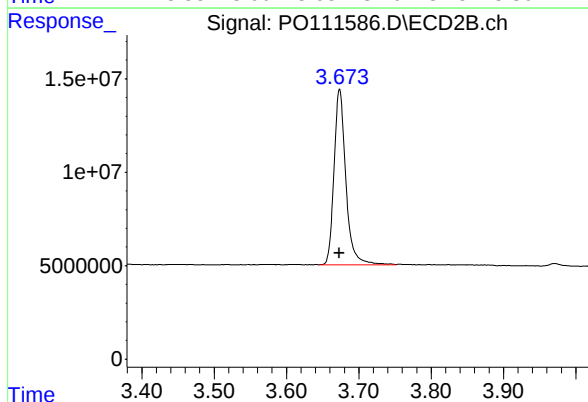




#1 Tetrachloro-m-xylene

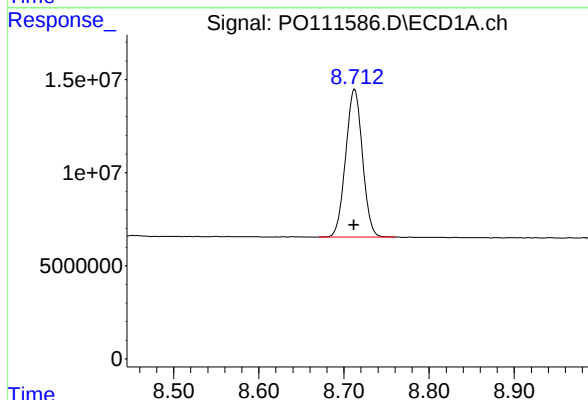
R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 116962361
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



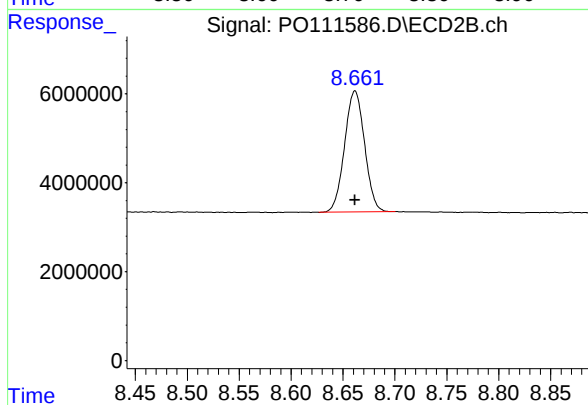
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 106750459
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.713 min
Delta R.T.: 0.001 min
Response: 108816924
Conc: 20.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 36486352
Conc: 20.52 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PO111933.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111933.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111933.D	1		07/01/25	po070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.6		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	86%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
Data File : PO111933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:10
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:46:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.675	3.672	108.3E6	98767991	18.796	17.583
2) SA Decachlor...	8.708	8.658	89804563	32728293	17.108	18.411

Target Compounds

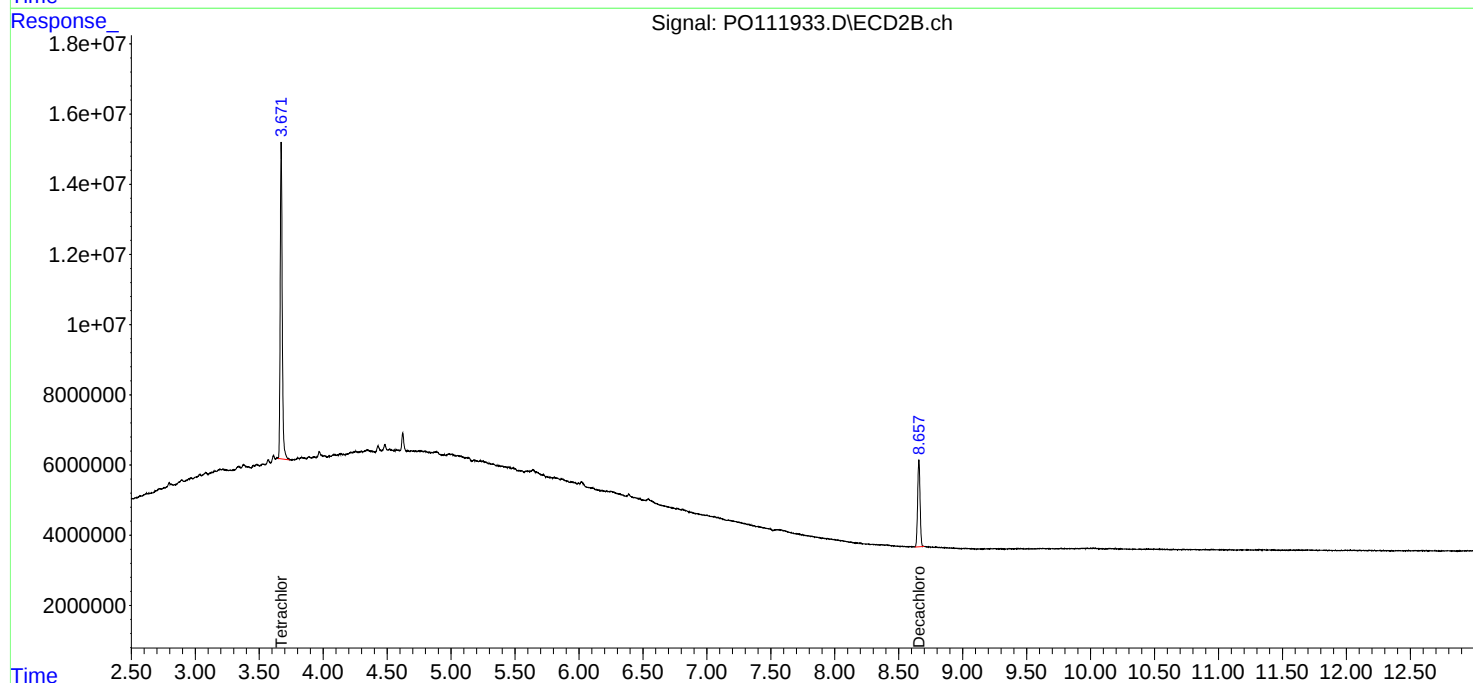
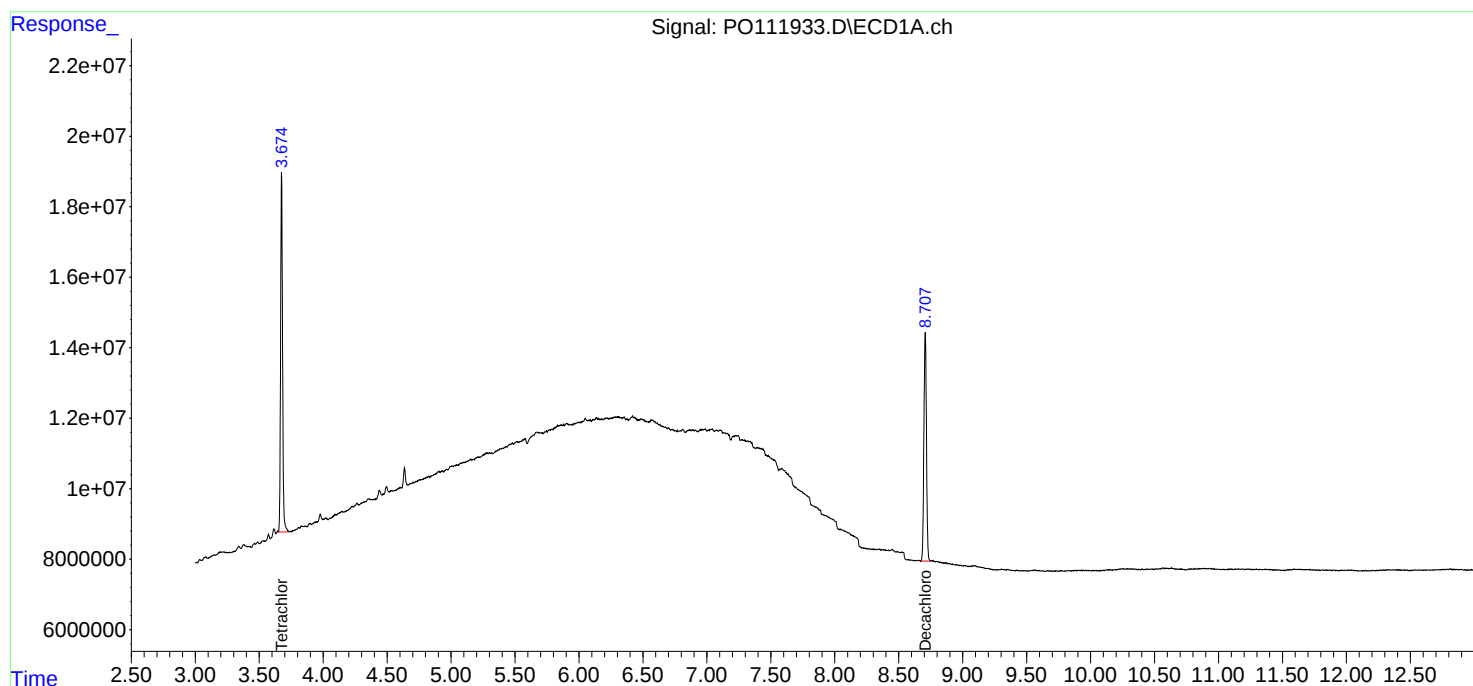
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

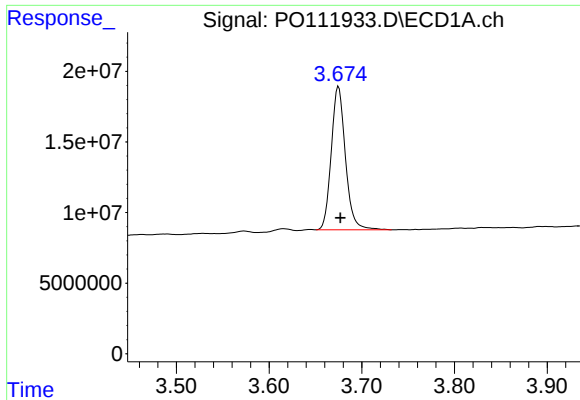
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:10
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:46:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

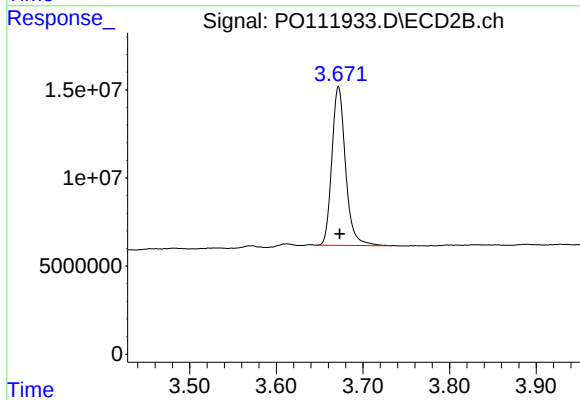




#1 Tetrachloro-m-xylene

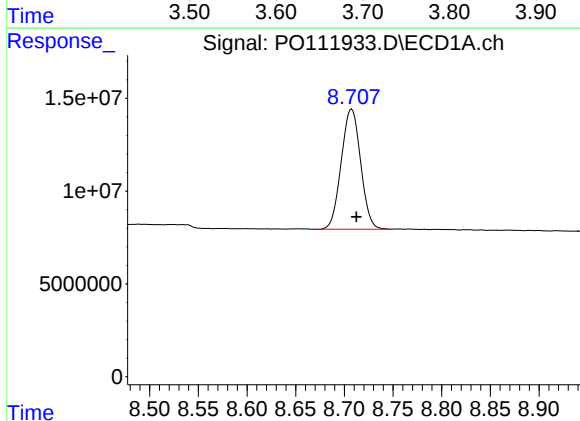
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 108252161
Conc: 18.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



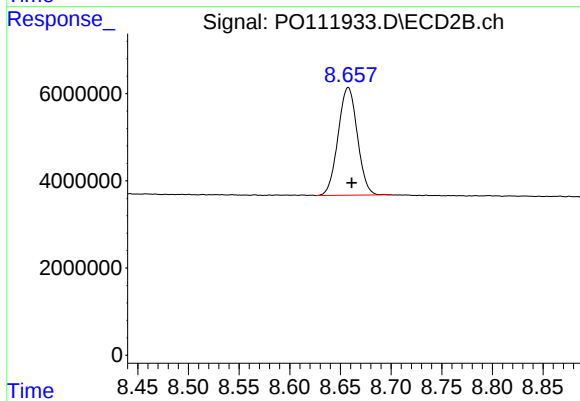
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.002 min
Response: 98767991
Conc: 17.58 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: -0.005 min
Response: 89804563
Conc: 17.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 32728293
Conc: 18.41 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PO111949.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111949.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111949.D	1		07/01/25	po070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.6		60 - 140	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 140	79%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
Data File : PO111949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:13
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.675	3.672	109.2E6	98991260	18.965	17.623
2) SA Decachlor...	8.707	8.655	83394599	32150943	15.887	18.086

Target Compounds

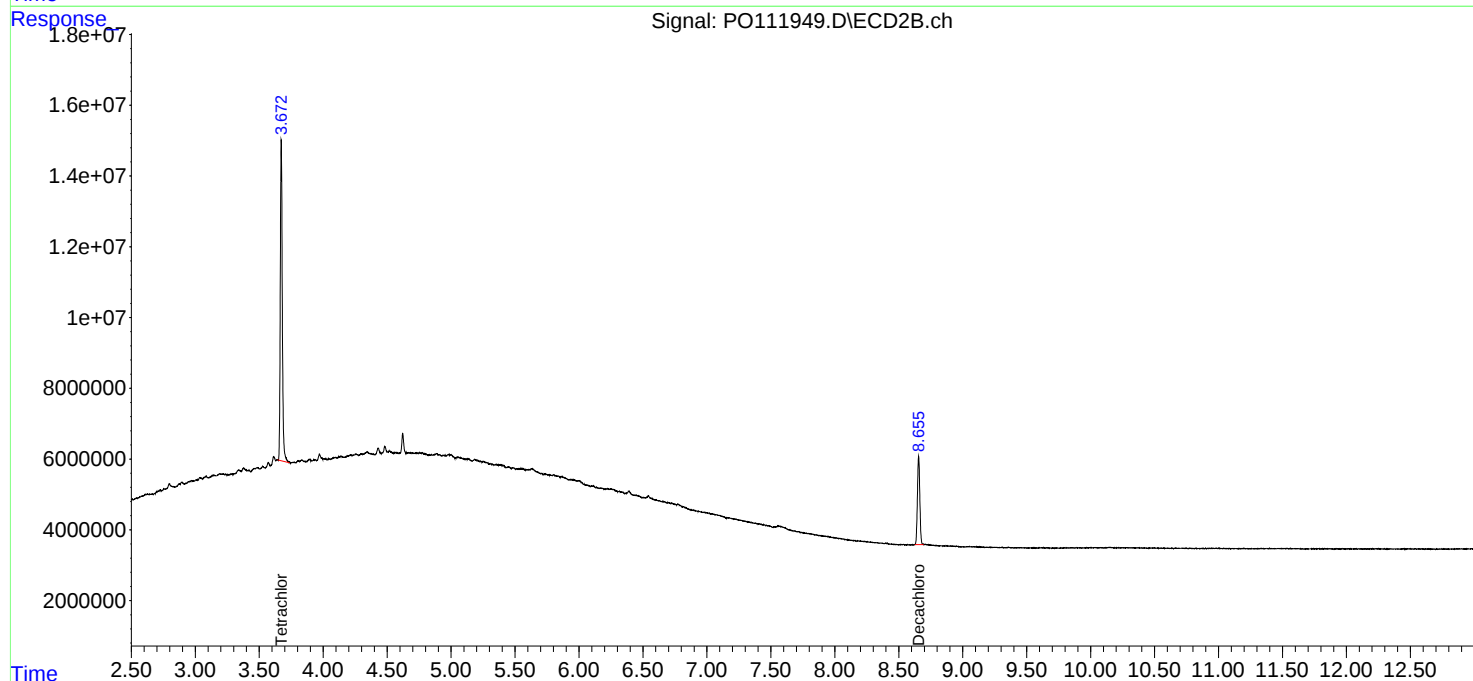
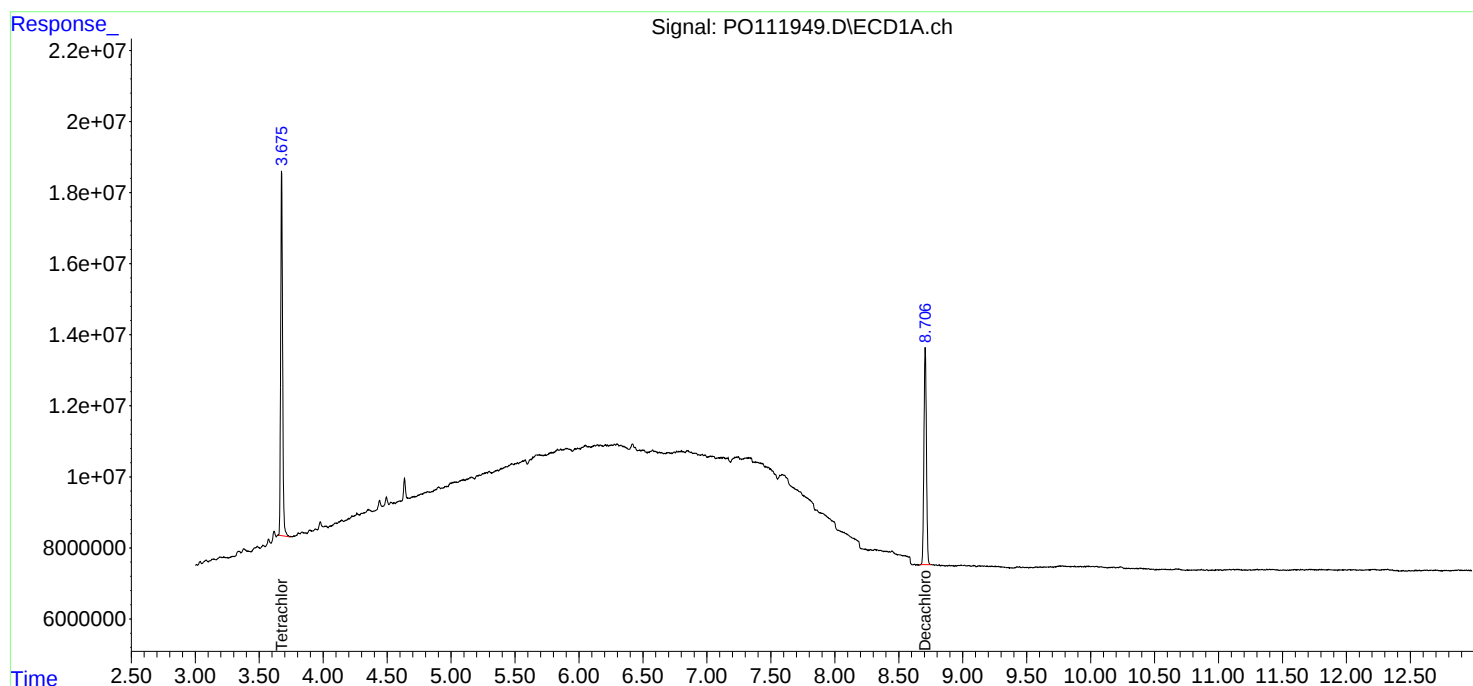
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

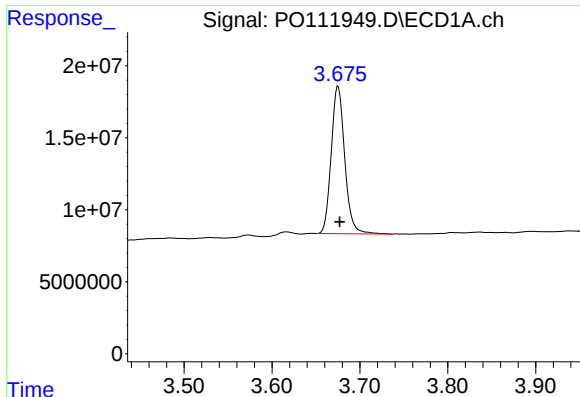
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 22:13
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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

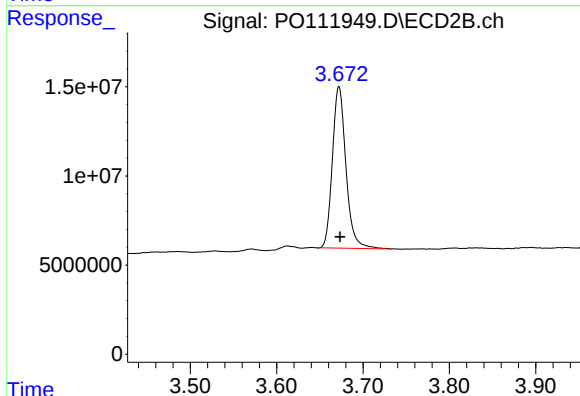




#1 Tetrachloro-m-xylene

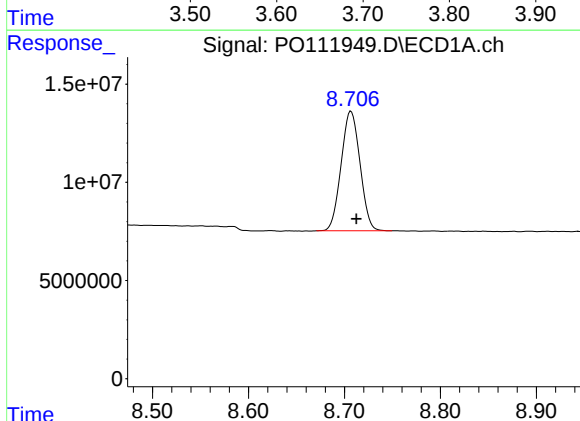
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 109225461
Conc: 18.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



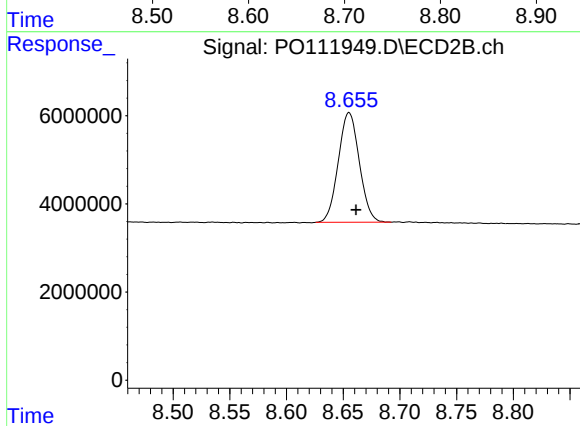
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 98991260
Conc: 17.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.006 min
Response: 83394599
Conc: 15.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 32150943
Conc: 18.09 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111965.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111965.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111965.D	1		07/02/25	po070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		60 - 140	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		60 - 140	89%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
Data File : PO111965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 04:26
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 05:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.676	3.671	115.7E6	102.9E6	20.095	18.313
2) SA Decachlor...	8.709	8.656	93908019	33688987	17.890	18.951

Target Compounds

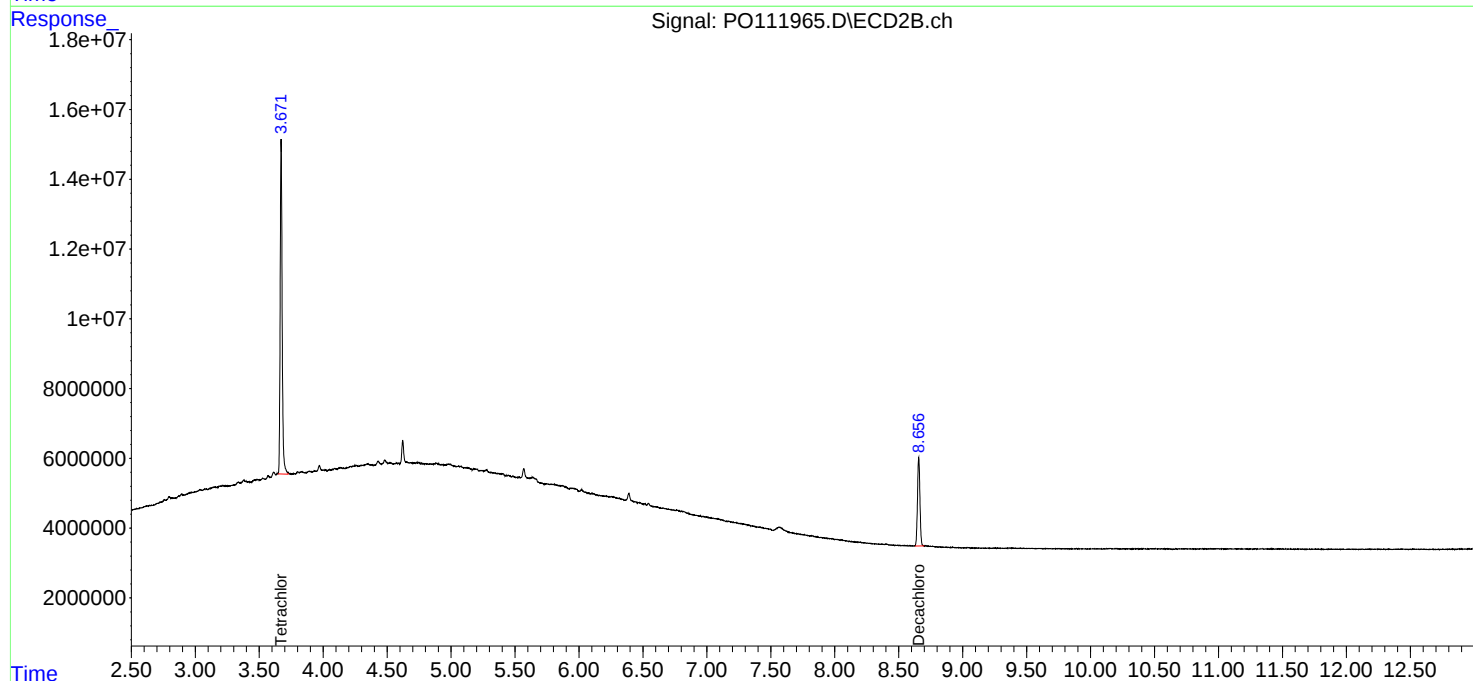
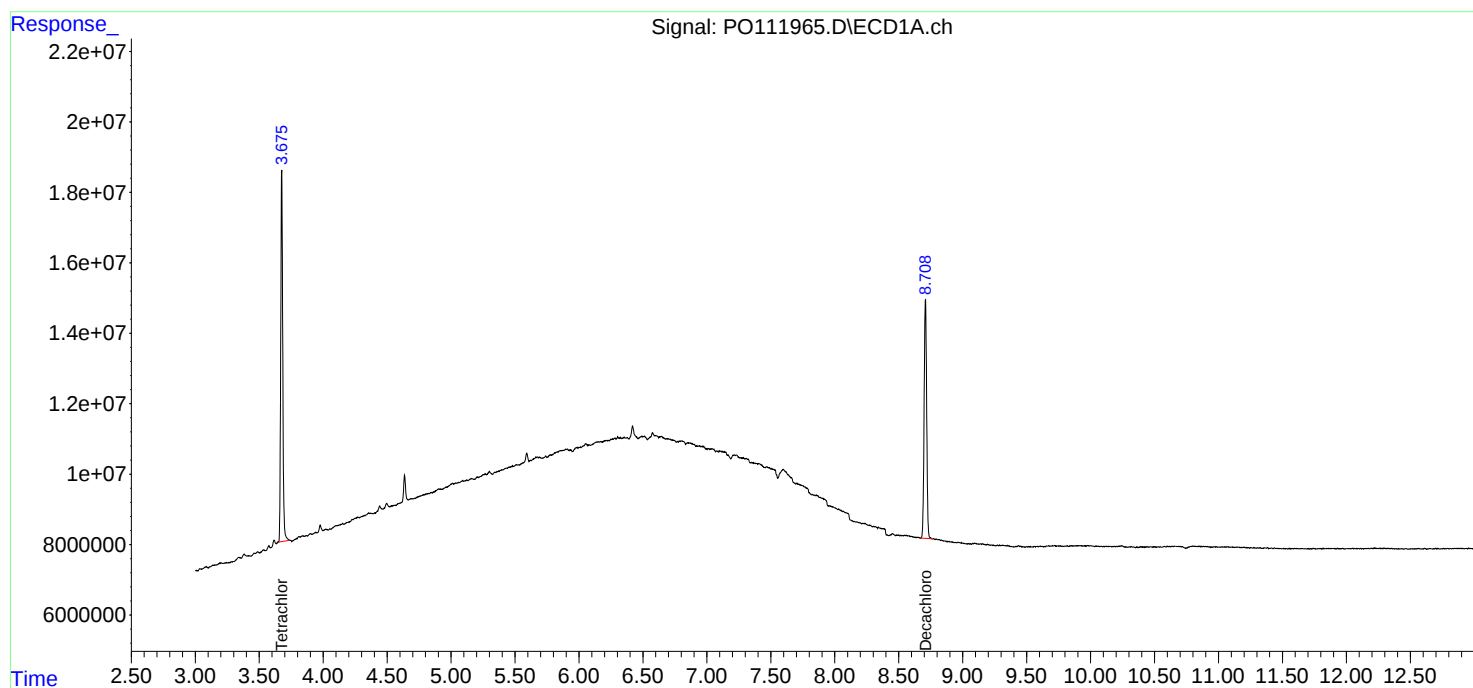
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

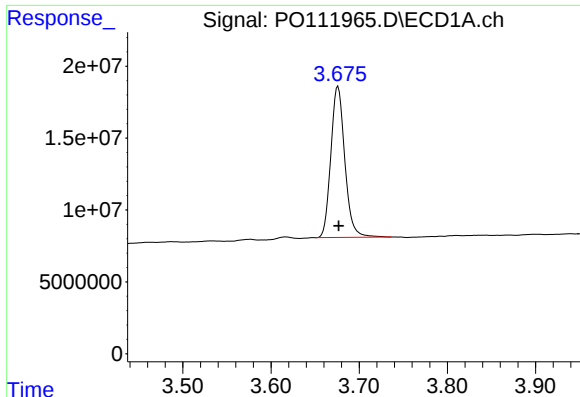
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO070125\
Data File : PO111965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 04:26
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 05:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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

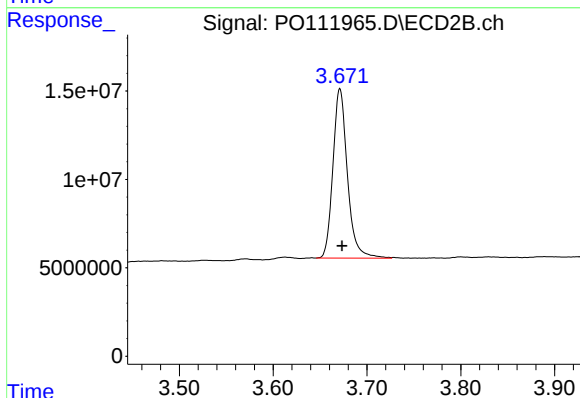




#1 Tetrachloro-m-xylene

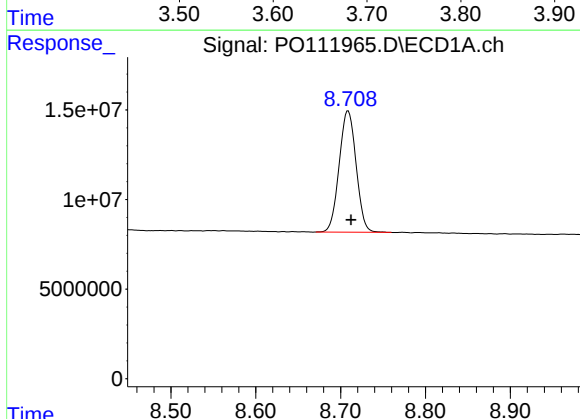
R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 115736767
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



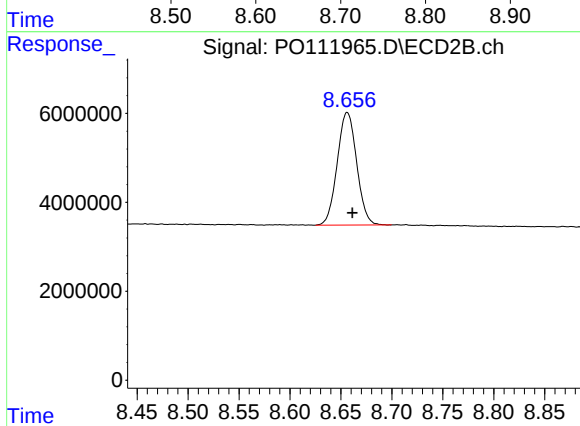
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 102870552
Conc: 18.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 93908019
Conc: 17.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 33688987
Conc: 18.95 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111971.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111971.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111971.D	1		07/02/25	PO070225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		60 - 140	91%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 12:08
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 13:56:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.674	3.671	116.1E6	105.4E6	20.153	18.766
2) SA Decachlor...	8.706	8.656	95663280	34441434	18.224	19.375

Target Compounds

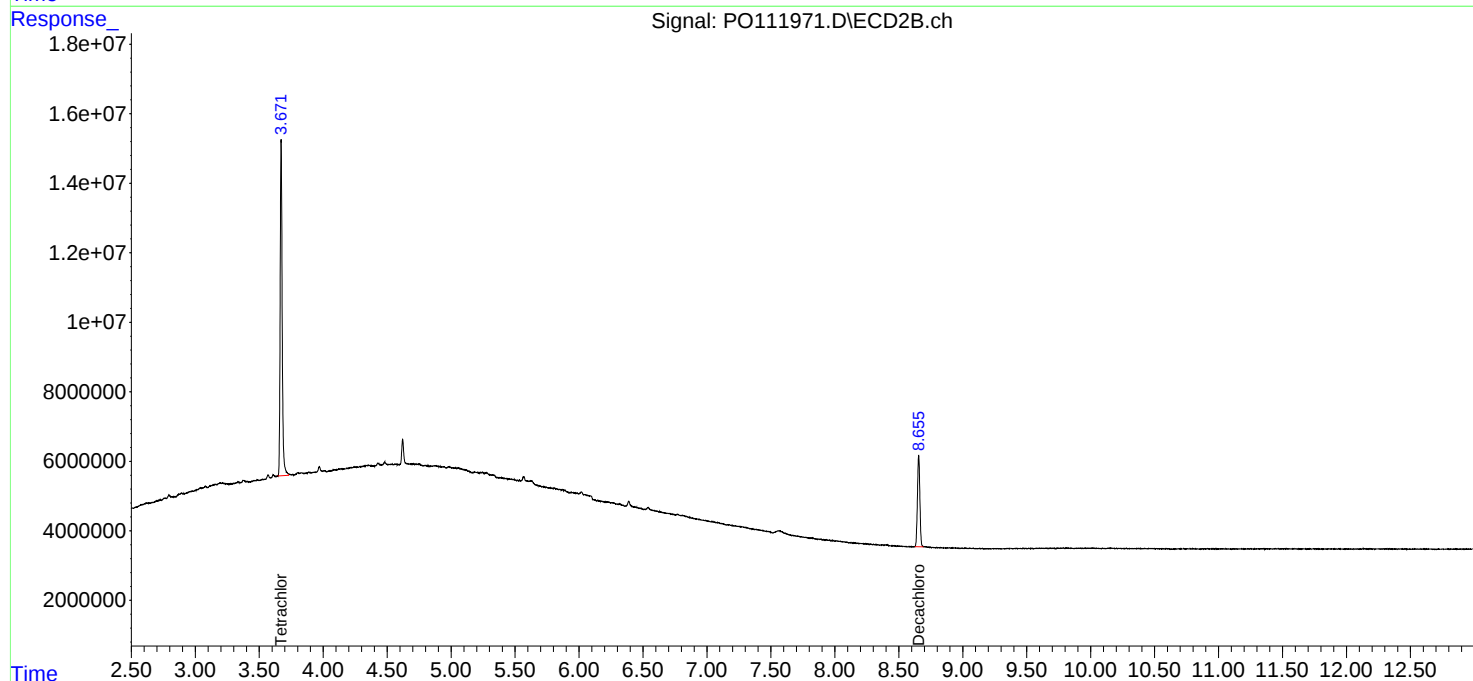
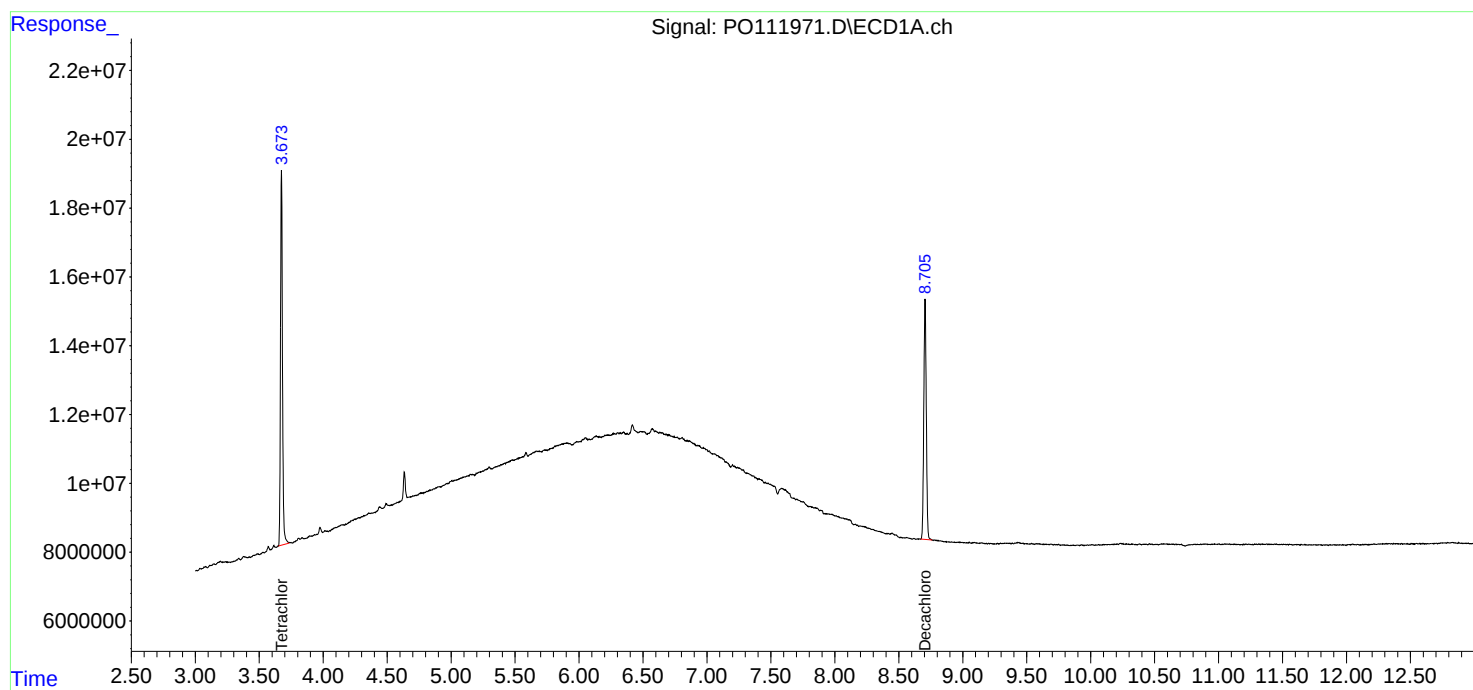
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

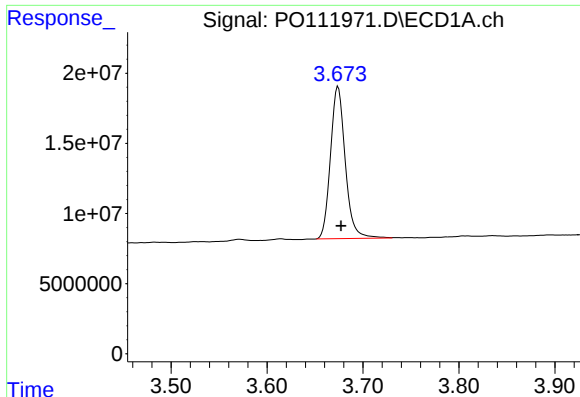
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 12:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:56:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

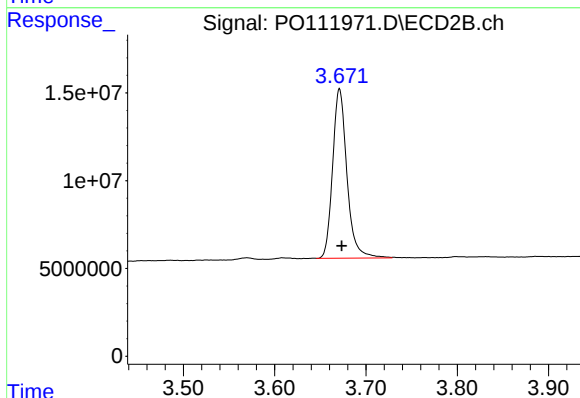




#1 Tetrachloro-m-xylene

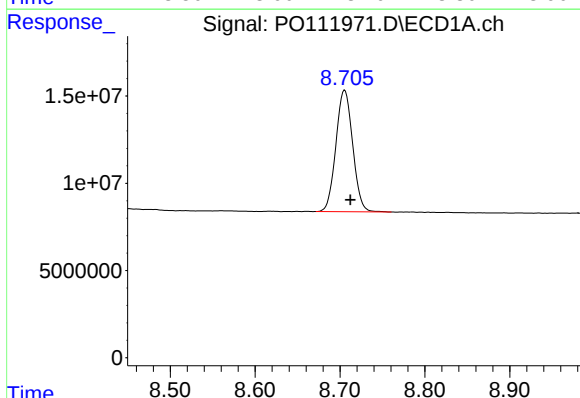
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 116072073
Conc: 20.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



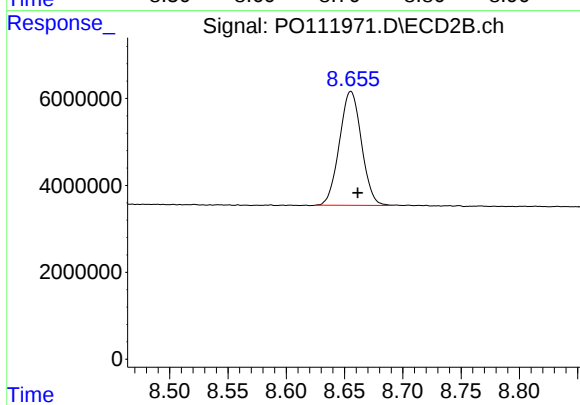
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 105413165
Conc: 18.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.007 min
Response: 95663280
Conc: 18.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.006 min
Response: 34441434
Conc: 19.37 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111985.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111985.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111985.D	1		07/02/25	po070225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		60 - 140	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 140	89%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
Data File : PO111985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.674	3.671	117.2E6	107.9E6	20.341	19.208
2) SA Decachlor...	8.705	8.655	92979220	35979045	17.713	20.240

Target Compounds

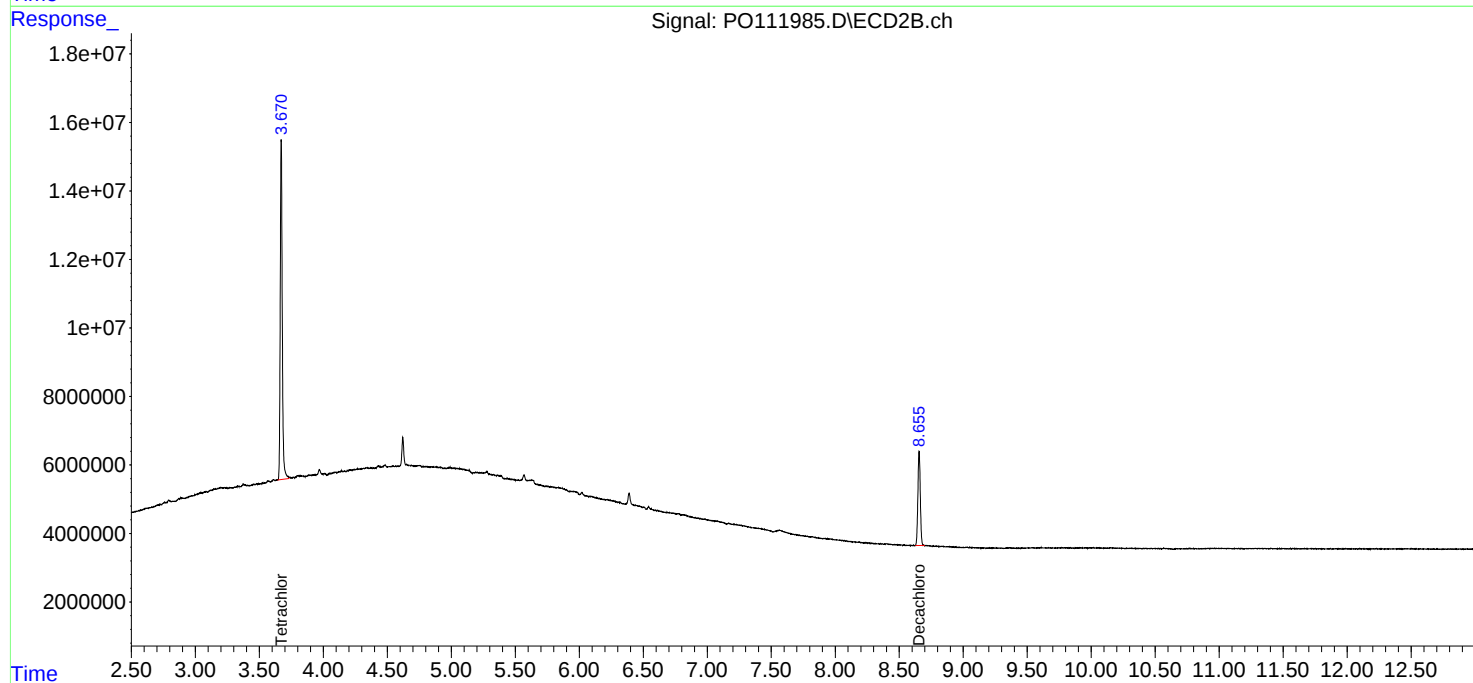
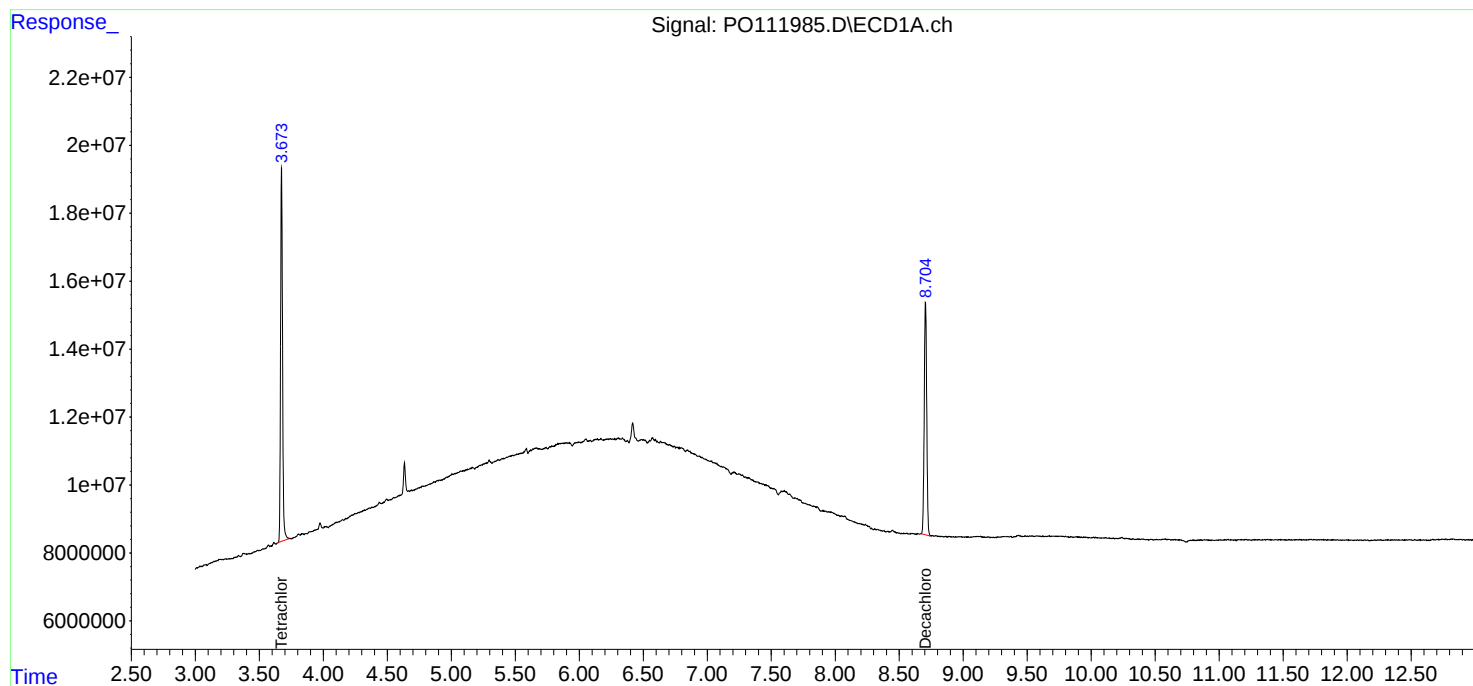
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

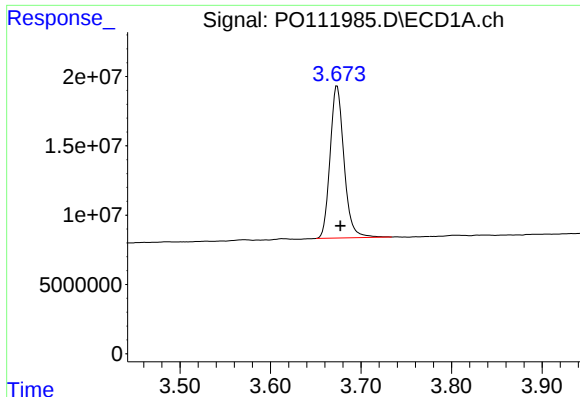
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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

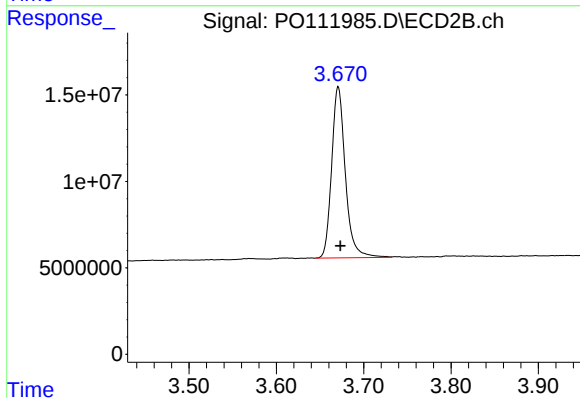




#1 Tetrachloro-m-xylene

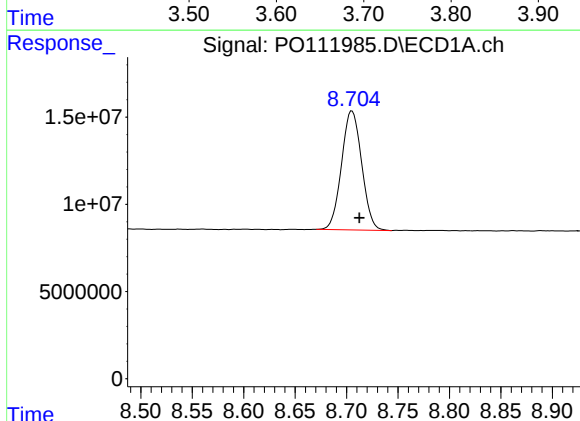
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 117153735
Conc: 20.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



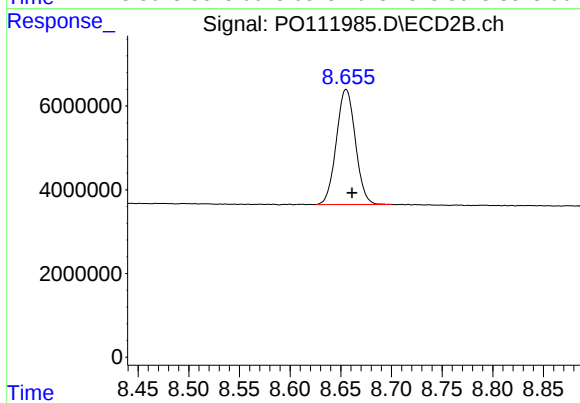
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 107896477
Conc: 19.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 92979220
Conc: 17.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 35979045
Conc: 20.24 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111999.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PO111999.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111999.D	1		07/02/25	po070225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
Data File : PO111999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 23:05
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:46:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.675	3.671	118.4E6	106.5E6	20.558	18.960
2) SA Decachlor...	8.708	8.656	89679593	33832930	17.084	19.032

Target Compounds

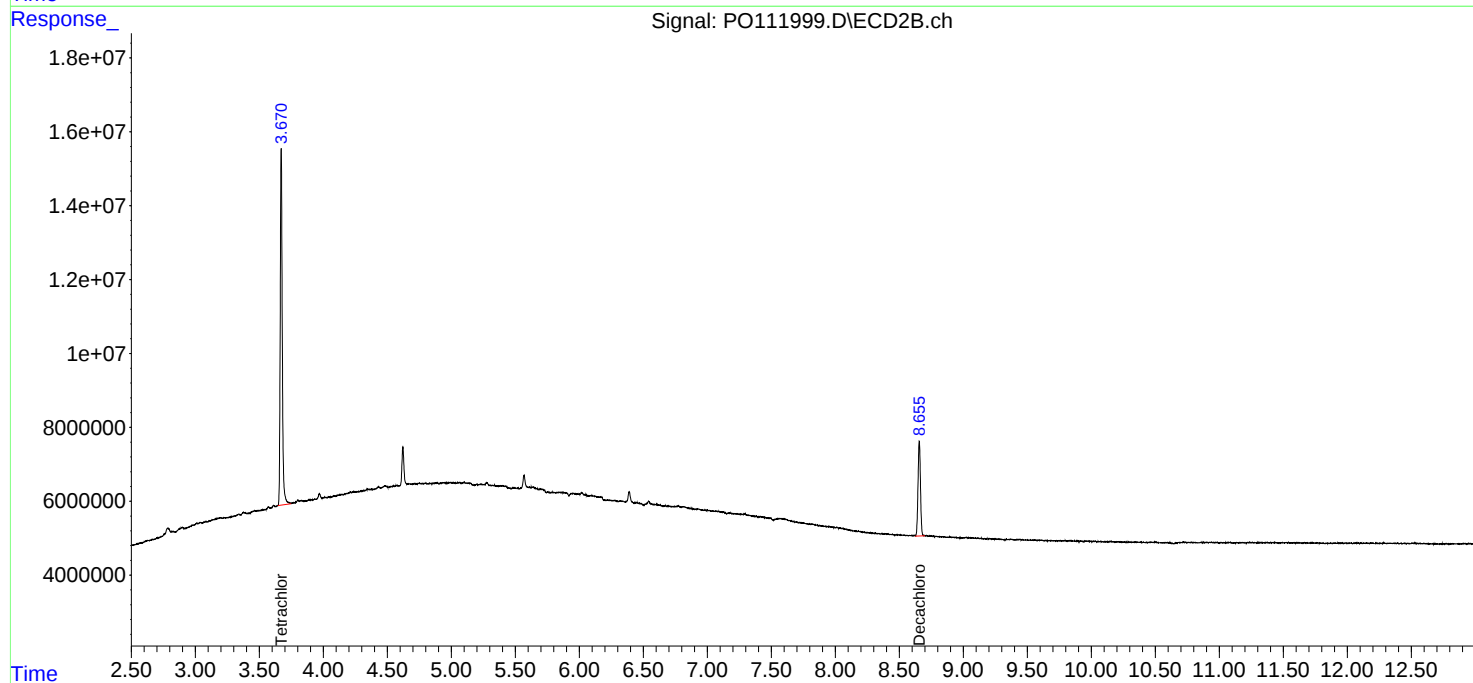
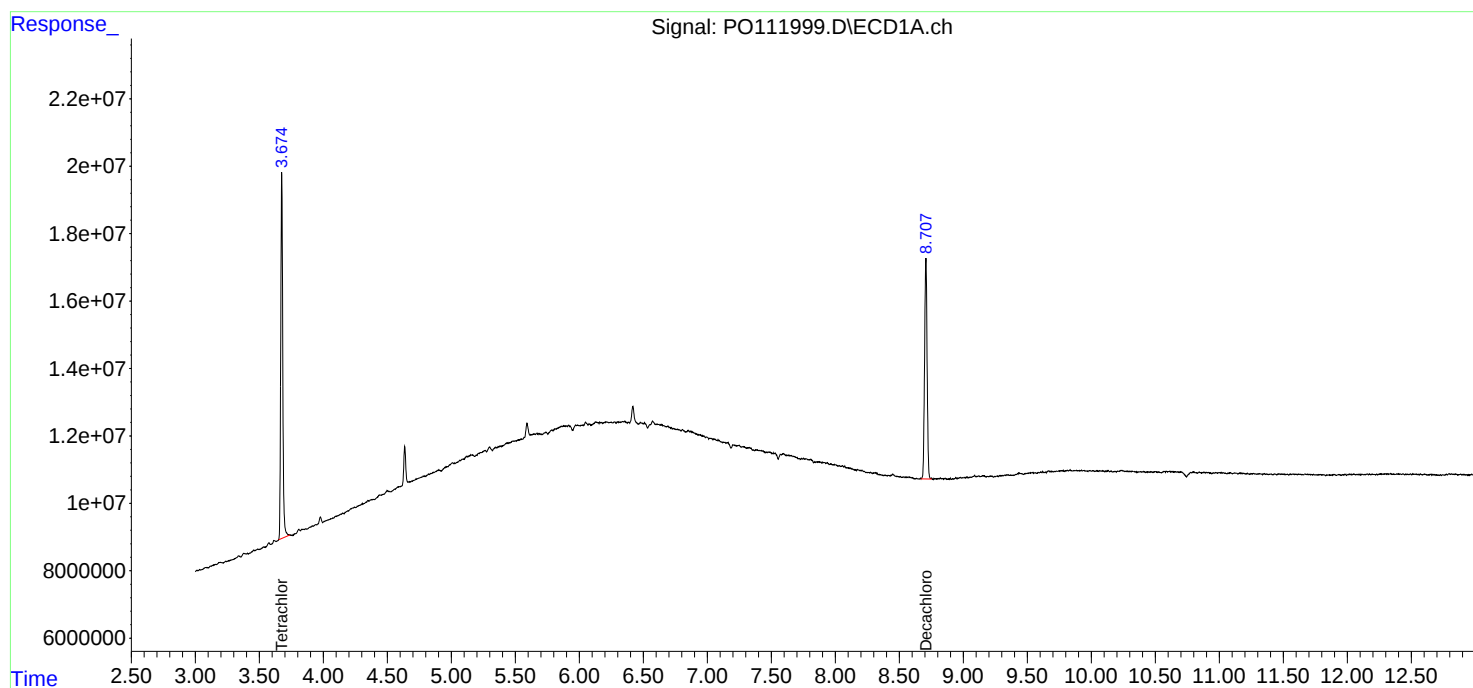
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

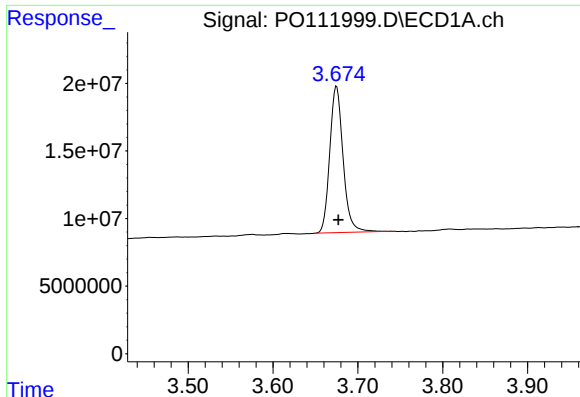
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 23:05
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:46:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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

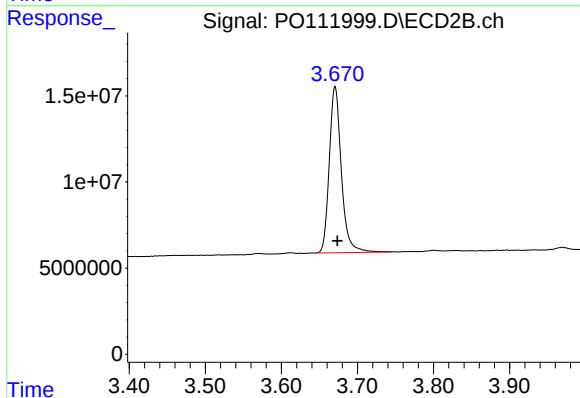




#1 Tetrachloro-m-xylene

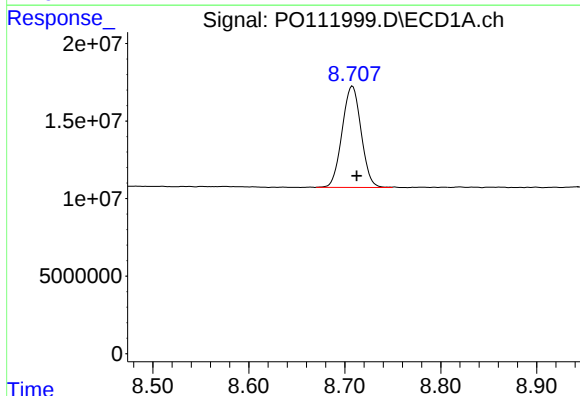
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 118403646
Conc: 20.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



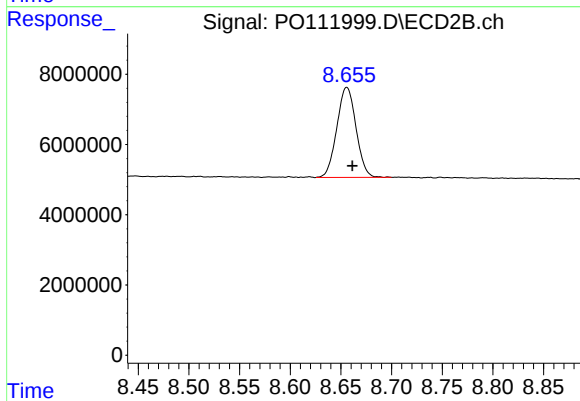
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.003 min
Response: 106504848
Conc: 18.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 89679593
Conc: 17.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 33832930
Conc: 19.03 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/01/25
Project:	South River WM Replacement	Date Received:	07/01/25
Client Sample ID:	PIBLK-PP073412.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PP073412.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073412.D	1		07/01/25	PP070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.5		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		60 - 140	78%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
 Data File : PP073412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 13:46
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:10:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 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...	4.489	3.784	26444267	29255152	16.566	16.495
2) SA Decachlor...	10.180	8.789	22280074	22785456	15.679	16.468

Target Compounds

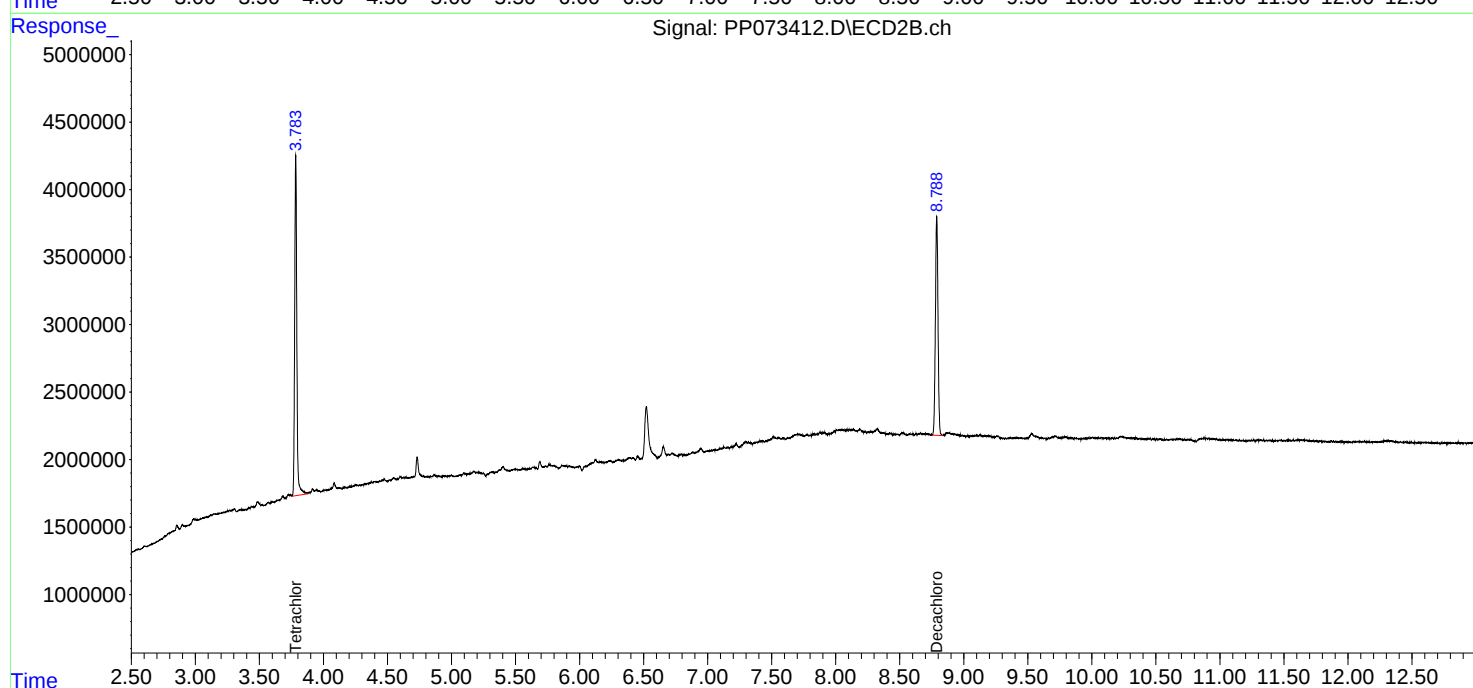
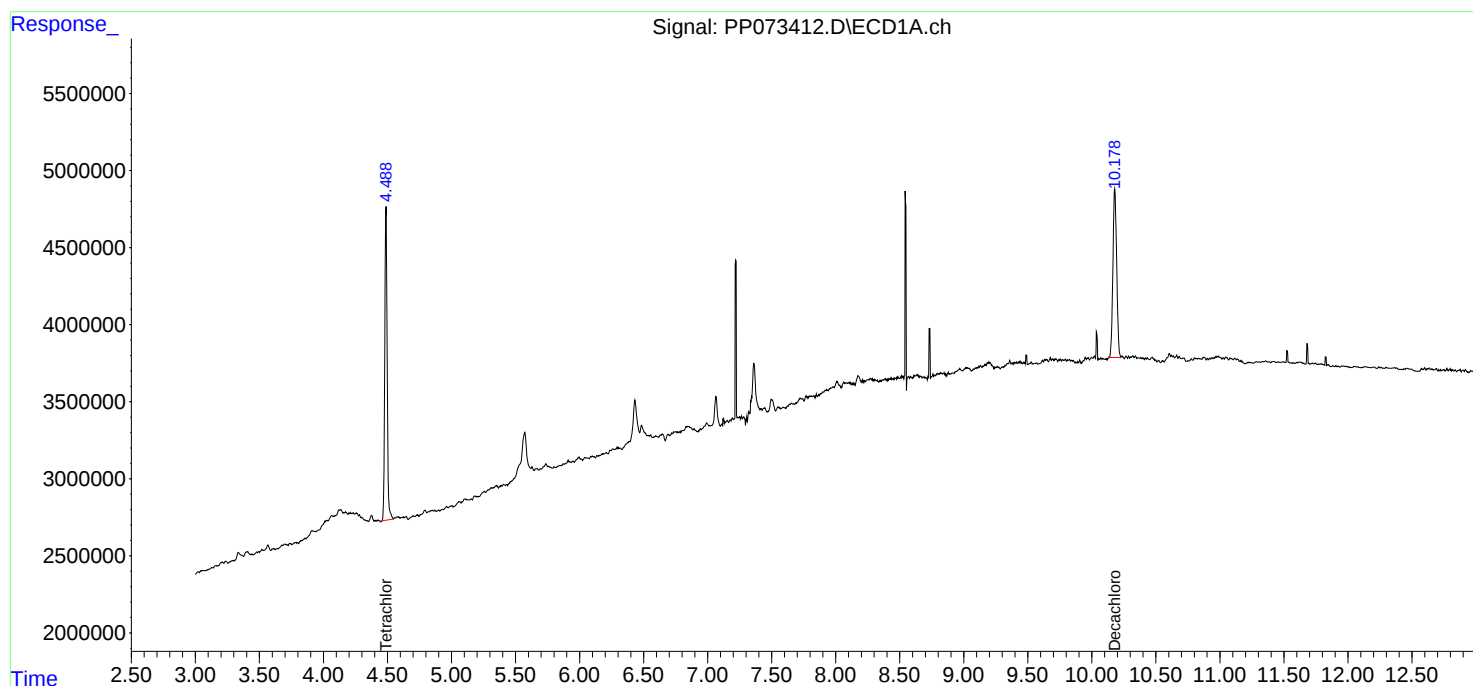
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

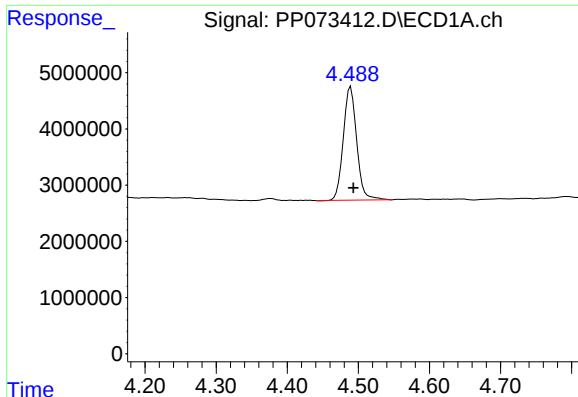
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 13:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:10:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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

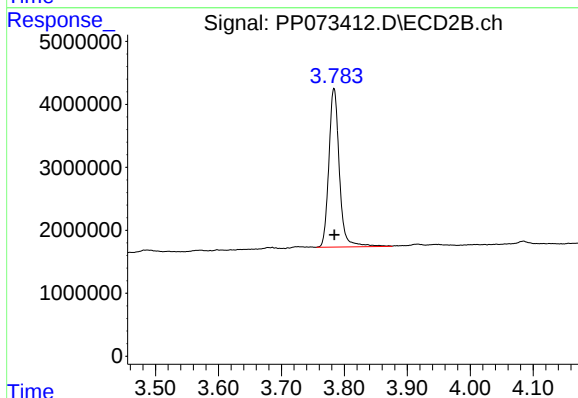




#1 Tetrachloro-m-xylene

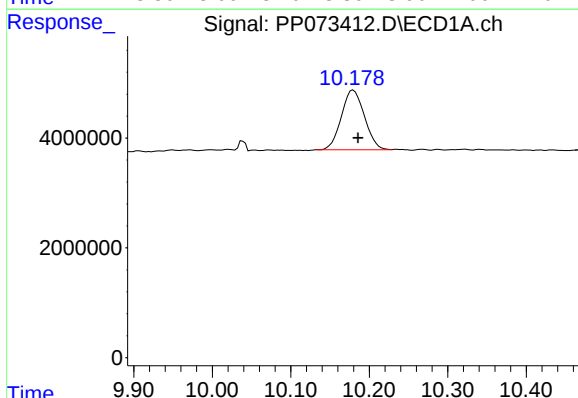
R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 26444267
Conc: 16.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



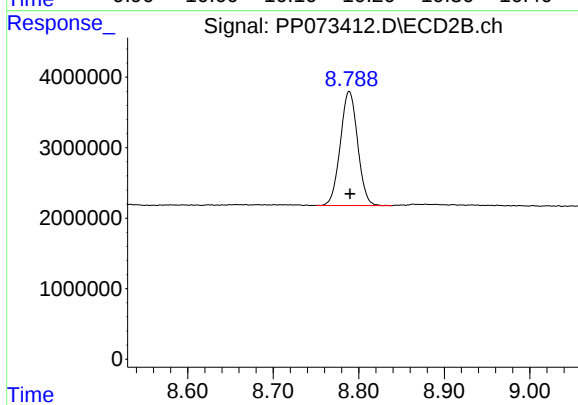
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 29255152
Conc: 16.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.006 min
Response: 22280074
Conc: 15.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 22785456
Conc: 16.47 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/02/25
Project:	South River WM Replacement	Date Received:	07/02/25
Client Sample ID:	PIBLK-PP073467.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PP073467.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073467.D	1		07/02/25	PP070225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		60 - 140	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		60 - 140	79%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 19:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 09:09:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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

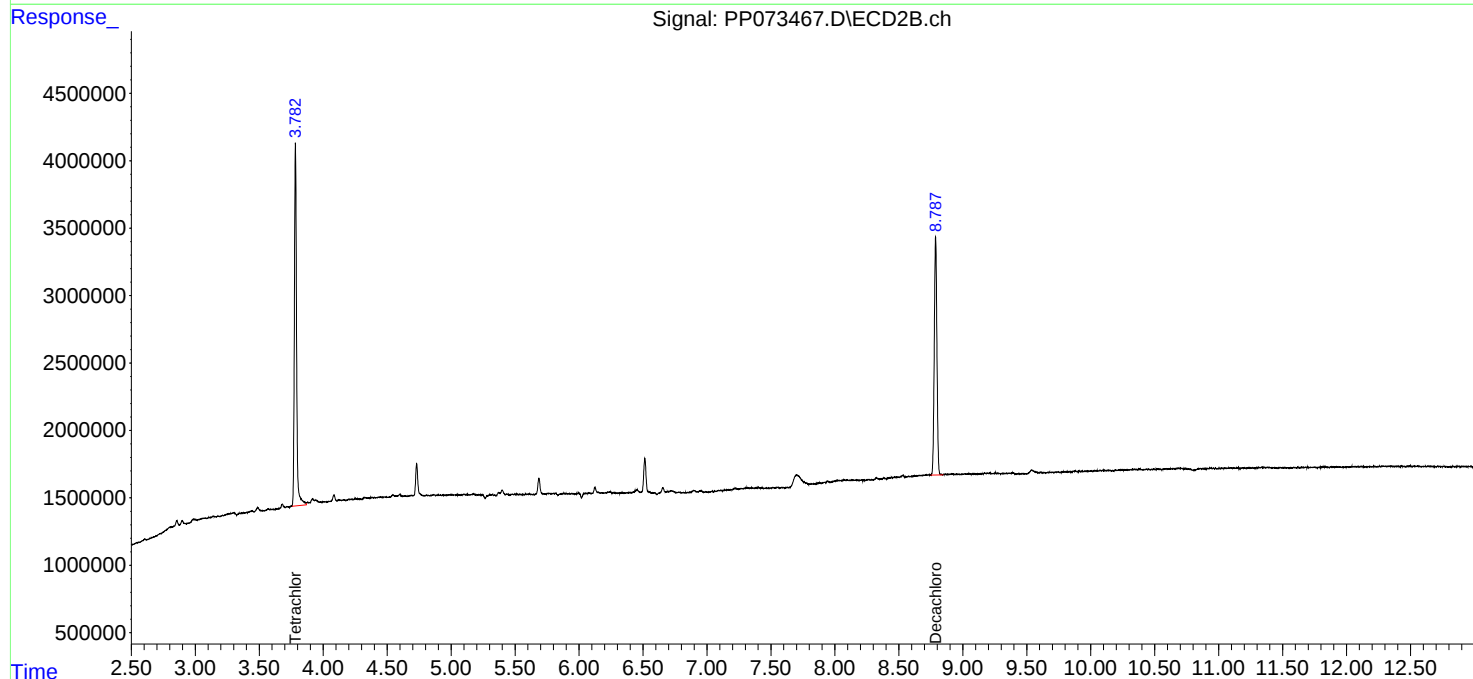
System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	26671801	32041805	16.709	18.067
2) SA Decachlor...	10.181	8.787	22448882	25290543	15.798	18.278

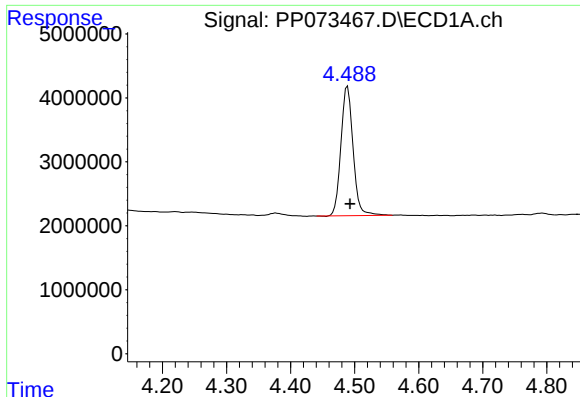
Target Compounds

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

Instrument :
ECD_P
ClientSampleId :
I.BLK

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

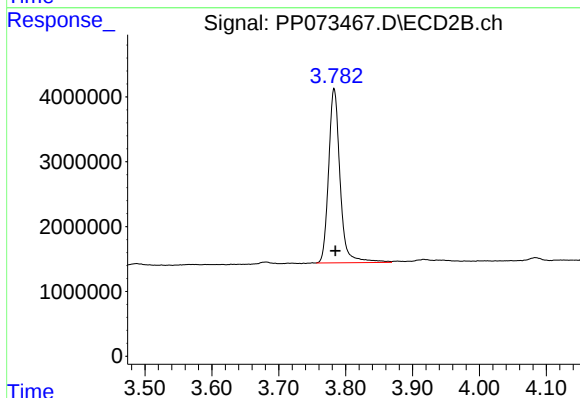




#1 Tetrachloro-m-xylene

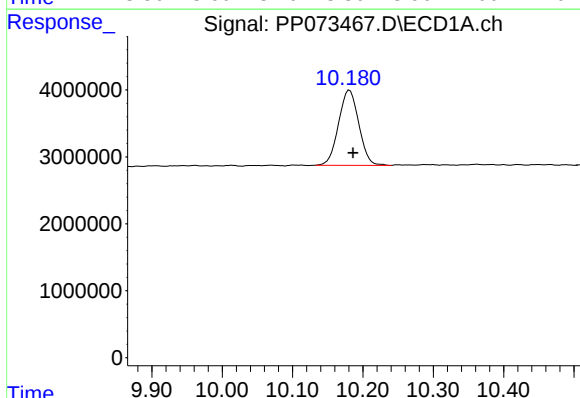
R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 26671801
Conc: 16.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



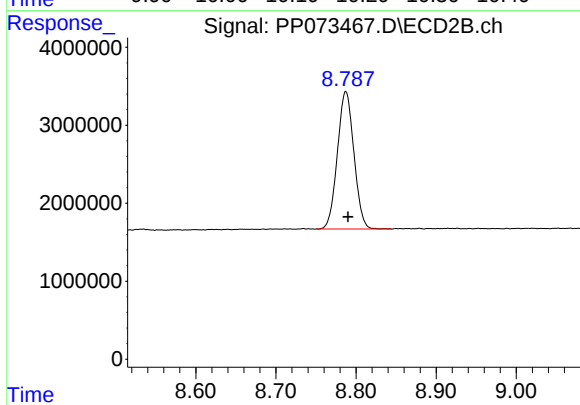
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 32041805
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.005 min
Response: 22448882
Conc: 15.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.003 min
Response: 25290543
Conc: 18.28 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/03/25
Client Sample ID:	PIBLK-PP073482.D	SDG No.:	Q2458
Lab Sample ID:	I.BLK-PP073482.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073482.D	1		07/03/25	PP070225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		60 - 140	72%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 01:04
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 07:09:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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...	4.487	3.782	25242118	31495822	15.813	17.759
2) SA Decachlor...	10.175	8.786	20503901	25862672	14.429	18.692 #

Target Compounds

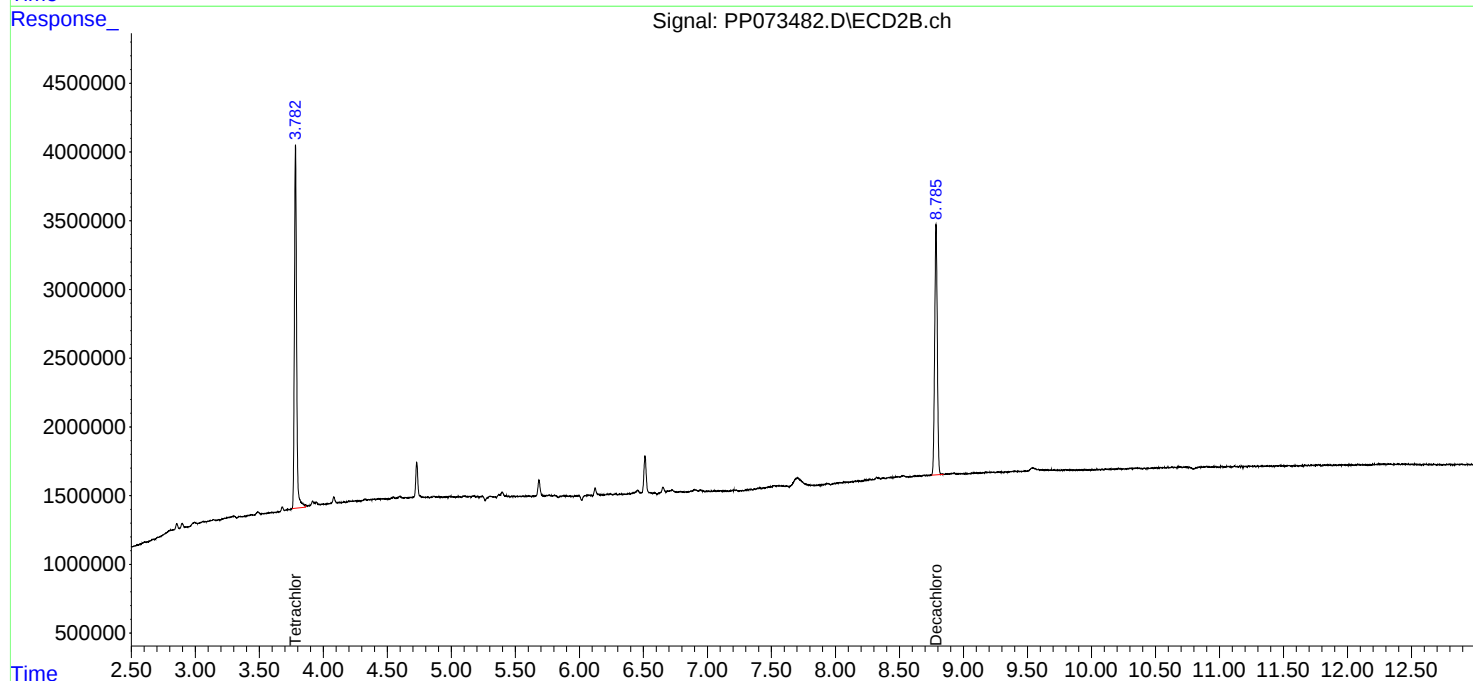
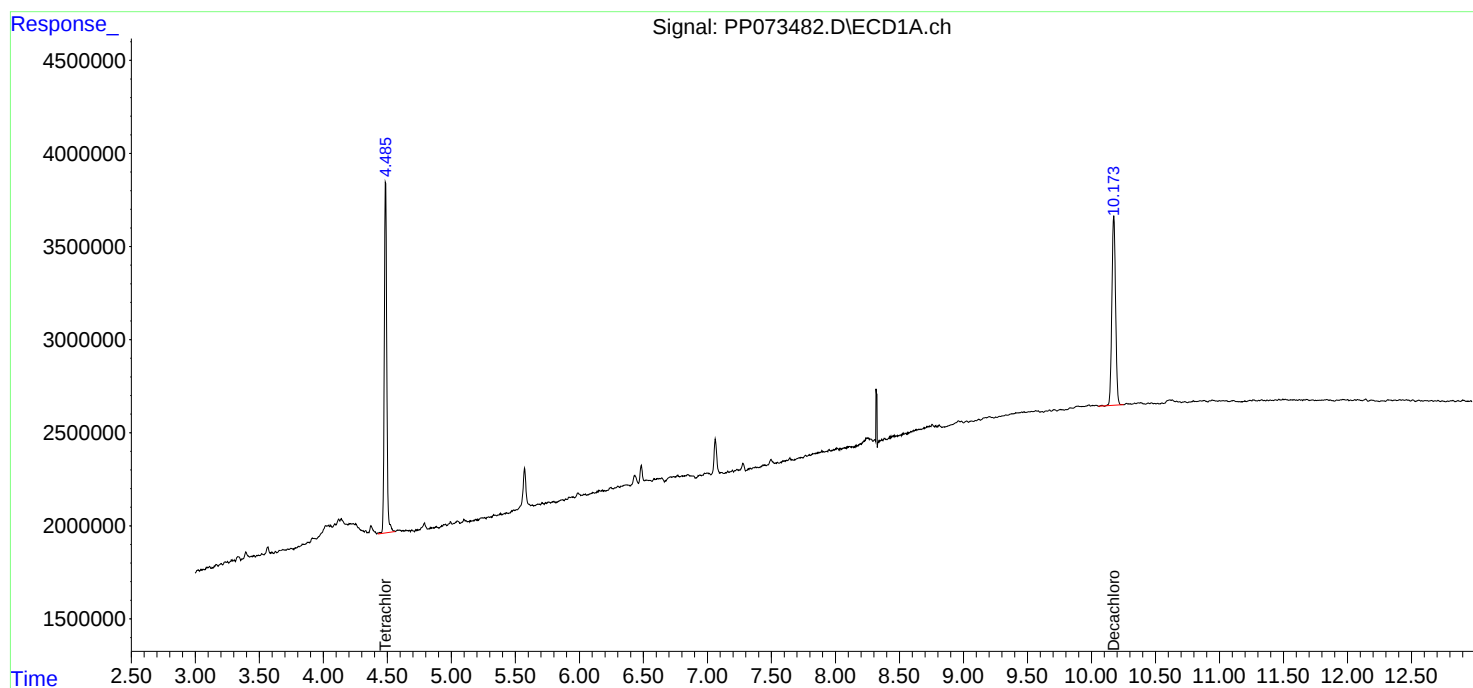
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070225\
Data File : PP073482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 01:04
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

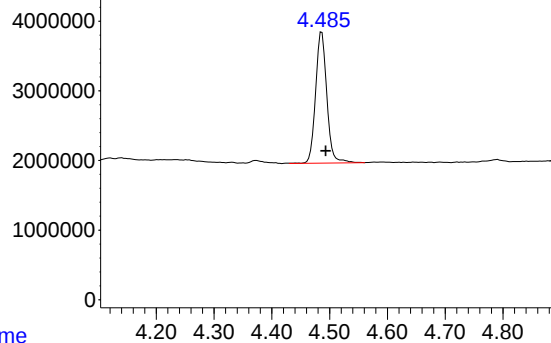
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 07:09:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP073482.D\ECD1A.ch

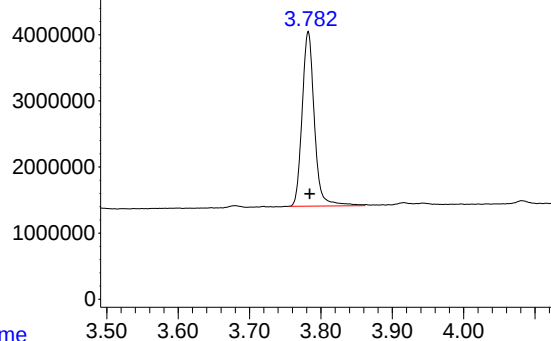


#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.006 min
Response: 25242118
Conc: 15.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

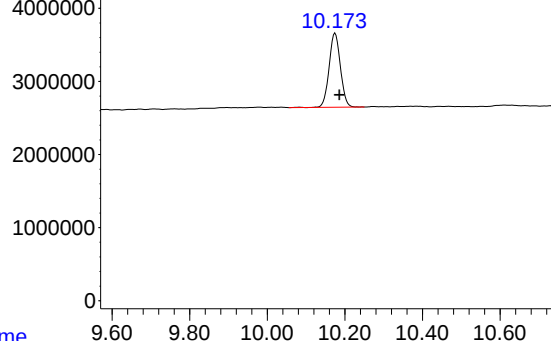
Time Response_ Signal: PP073482.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 31495822
Conc: 17.76 ng/ml

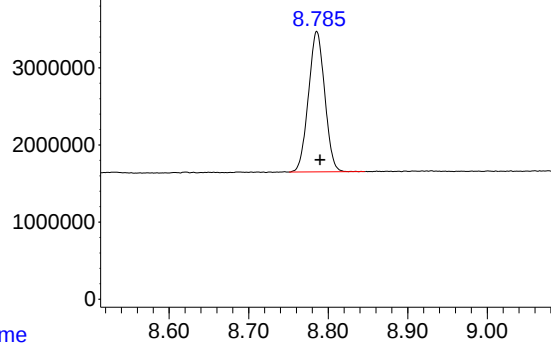
Time Response_ Signal: PP073482.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.011 min
Response: 20503901
Conc: 14.43 ng/ml

Time Response_ Signal: PP073482.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.004 min
Response: 25862672
Conc: 18.69 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168671BS	SDG No.:	Q2458
Lab Sample ID:	PB168671BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111935.D	1	07/01/25 08:30	07/01/25 16:45	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	163		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	167		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:45
 Operator : YP/AJ
 Sample : PB168671BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168671BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:47:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	115.6E6	104.8E6	20.066	18.661
2) SA Decachlor...	8.708	8.657	101.6E6	36382986	19.361	20.467
Target Compounds						
3) L1 AR-1016-1	4.762	4.749	110.3E6	97617500	462.532	496.107
4) L1 AR-1016-2	4.781	4.767	160.0E6	142.1E6	480.998	498.900
5) L1 AR-1016-3	4.838	4.942	106.1E6	74171351	461.103	493.688
6) L1 AR-1016-4	4.958	4.984	86803036	58733416	468.035	482.262
7) L1 AR-1016-5	5.215	5.197	86695411	74805973	464.497	469.891
31) L7 AR-1260-1	6.254	6.226	183.2E6	131.4E6	515.591	523.543
32) L7 AR-1260-2	6.443	6.414	256.6E6	155.2E6	543.053	527.784
33) L7 AR-1260-3	6.810	6.566	199.0E6	136.1E6	468.540	509.358
34) L7 AR-1260-4	7.069	7.037	151.4E6	83739432	481.341	440.511
35) L7 AR-1260-5	7.312	7.278	407.8E6	184.0E6	495.057	432.960

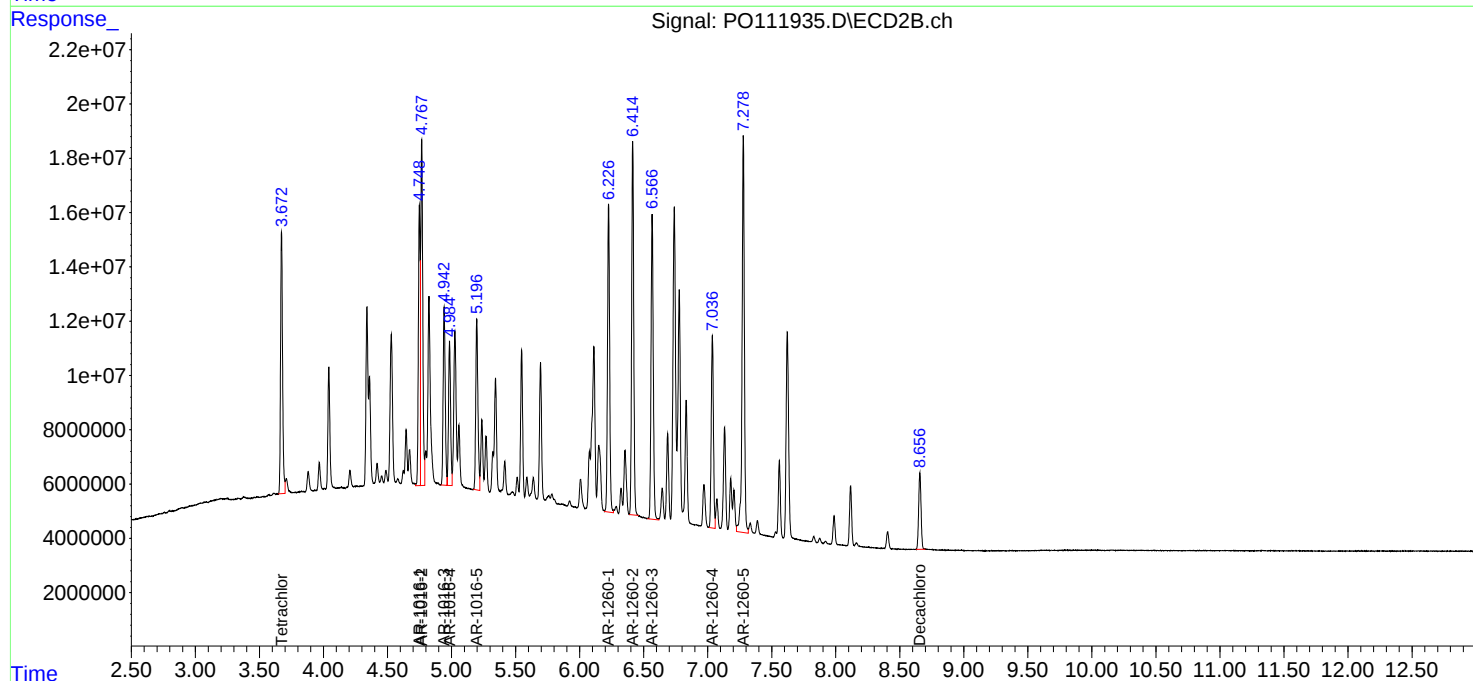
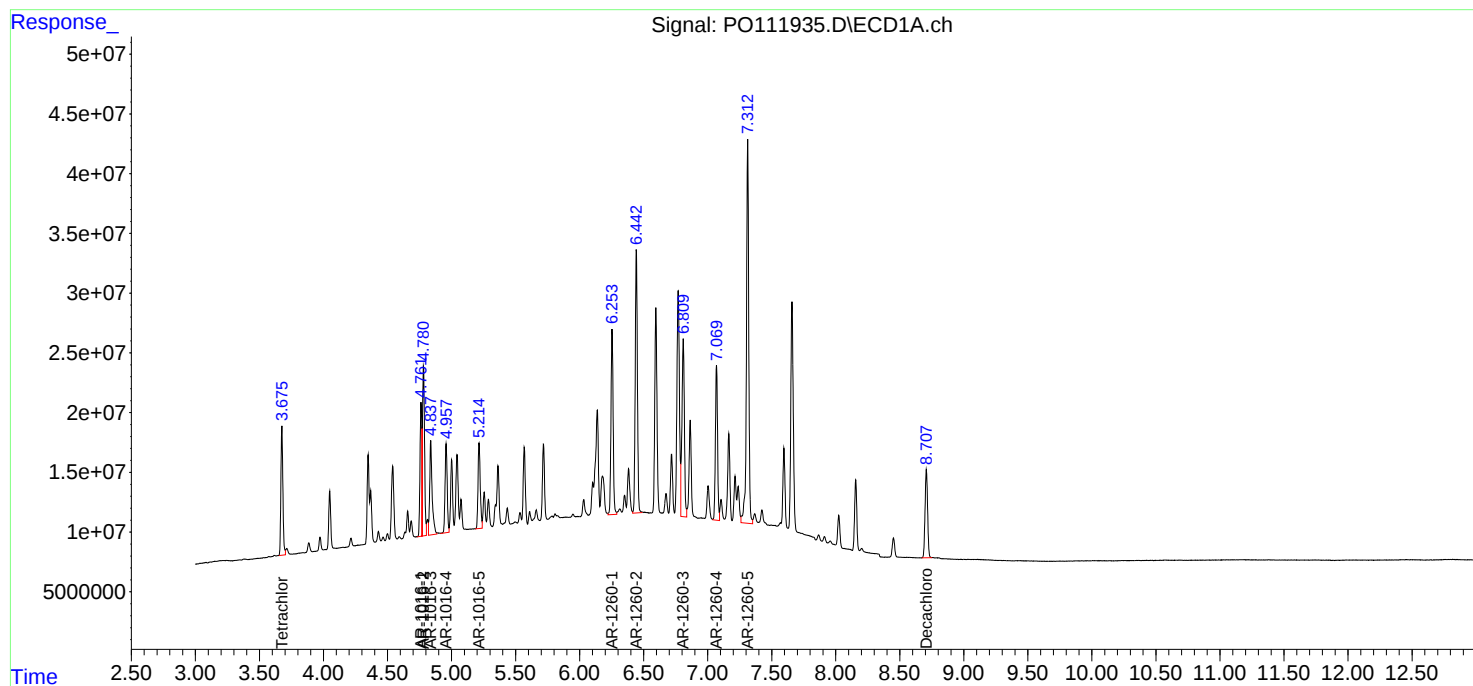
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:45
Operator : YP/AJ
Sample : PB168671BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168671BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:47:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168704BS	SDG No.:	Q2458
Lab Sample ID:	PB168704BS	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111987.D	1	07/02/25 12:10	07/02/25 18:03	PB168704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	5.00		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		30 - 173	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		10 - 173	104%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 18:03
 Operator : YP/AJ
 Sample : PB168704BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168704BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:41:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	113.6E6	103.1E6	19.725	18.357
2) SA Decachlor...	8.707	8.656	95199992	36825377	18.136	20.716
Target Compounds						
3) L1 AR-1016-1	4.761	4.747	110.5E6	99220409	463.245	504.253
4) L1 AR-1016-2	4.780	4.766	157.6E6	144.4E6	473.702	506.922
5) L1 AR-1016-3	4.838	4.941	107.9E6	75689968	468.876	503.796
6) L1 AR-1016-4	4.957	4.984	87447506	59040092	471.510	484.780
7) L1 AR-1016-5	5.214	5.196	85717268	75895054	459.257	476.732
31) L7 AR-1260-1	6.252	6.225	173.2E6	134.5E6	487.335	535.839
32) L7 AR-1260-2	6.442	6.413	242.5E6	160.5E6	513.161	545.986
33) L7 AR-1260-3	6.809	6.565	193.6E6	139.7E6	455.908	522.973
34) L7 AR-1260-4	7.068	7.035	148.7E6	87346446	472.967	459.485
35) L7 AR-1260-5	7.311	7.277	370.9E6	193.7E6	450.315	455.681

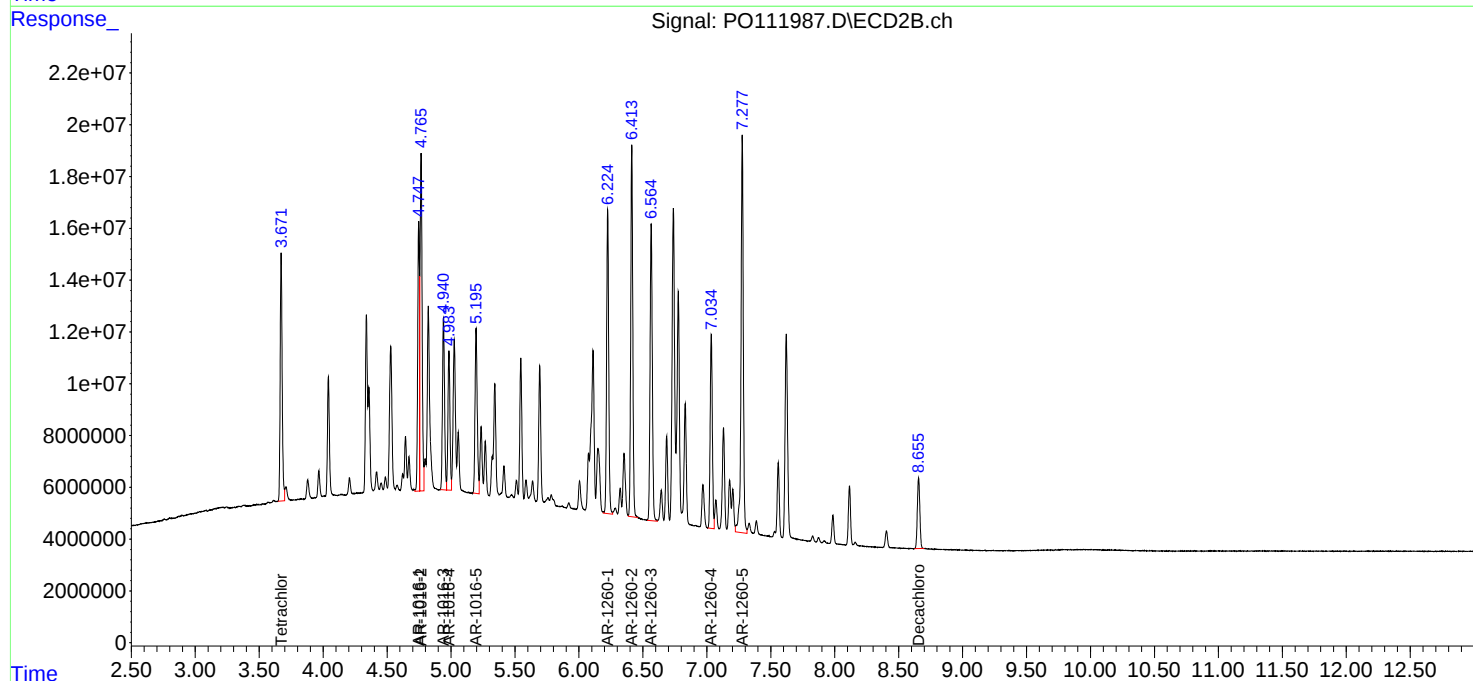
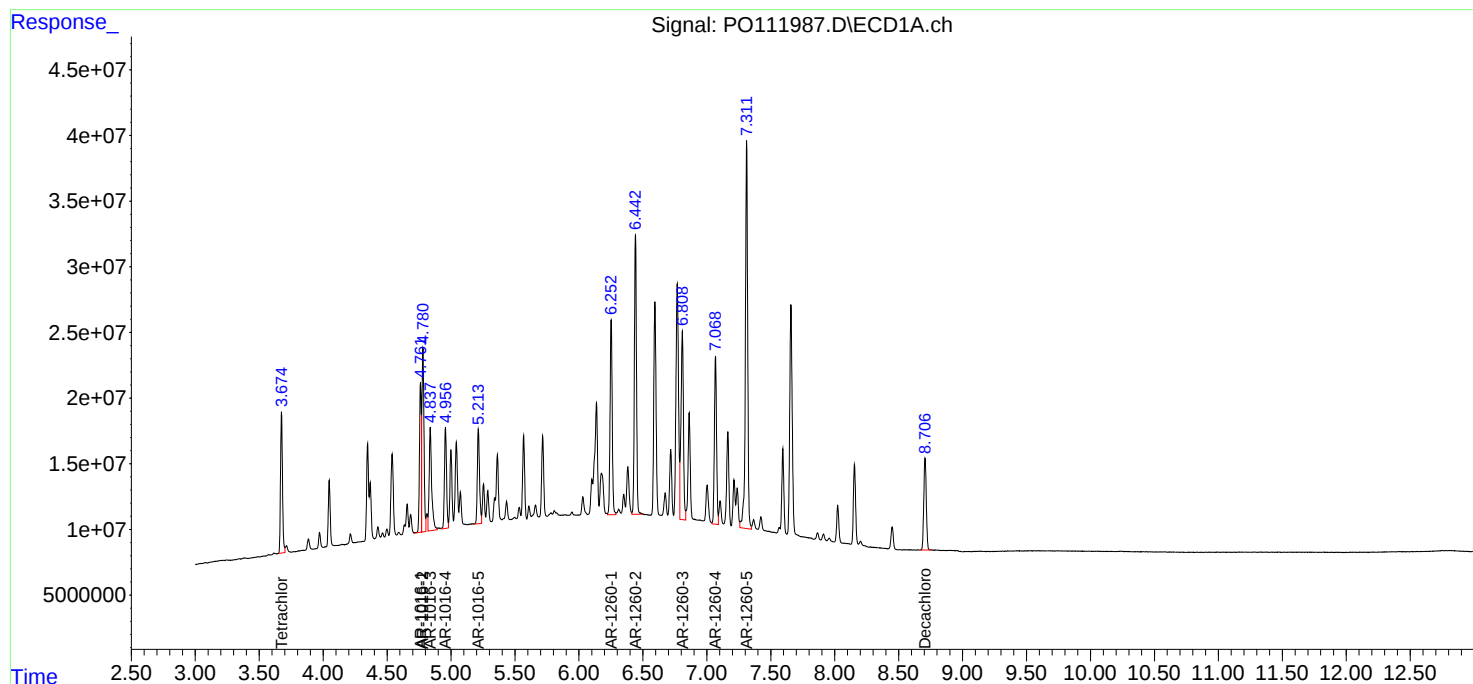
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 18:03
Operator : YP/AJ
Sample : PB168704BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168704BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:41:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168704BSD	SDG No.:	Q2458
Lab Sample ID:	PB168704BSD	Matrix:	WATER
Analytical Method:	8082A	% 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
PO111988.D	1	07/02/25 12:10	07/02/25 18:20	PB168704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	5.00		0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		30 - 173	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		10 - 173	103%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
 Data File : PO111988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 18:20
 Operator : YP/AJ
 Sample : PB168704BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168704BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:42:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.674	3.671	113.1E6	102.6E6	19.633	18.269
2)	SA Decachlor...	8.703	8.655	94622760	36664607	18.026	20.625
Target Compounds							
3)	L1 AR-1016-1	4.761	4.747	109.4E6	98822300	458.807	502.230
4)	L1 AR-1016-2	4.780	4.766	155.9E6	142.5E6	468.643	500.153
5)	L1 AR-1016-3	4.837	4.941	105.7E6	74685735	459.437	497.112
6)	L1 AR-1016-4	4.957	4.983	86090856	58997392	464.195	484.430
7)	L1 AR-1016-5	5.214	5.195	84637993	75028247	453.474	471.287
31)	L7 AR-1260-1	6.252	6.225	169.5E6	131.1E6	477.071	522.444
32)	L7 AR-1260-2	6.441	6.412	237.1E6	159.6E6	501.765	542.712
33)	L7 AR-1260-3	6.807	6.564	188.5E6	137.4E6	443.887	514.233
34)	L7 AR-1260-4	7.067	7.035	145.1E6	85978787	461.416	452.291
35)	L7 AR-1260-5	7.309	7.276	361.1E6	189.9E6	438.421	446.830

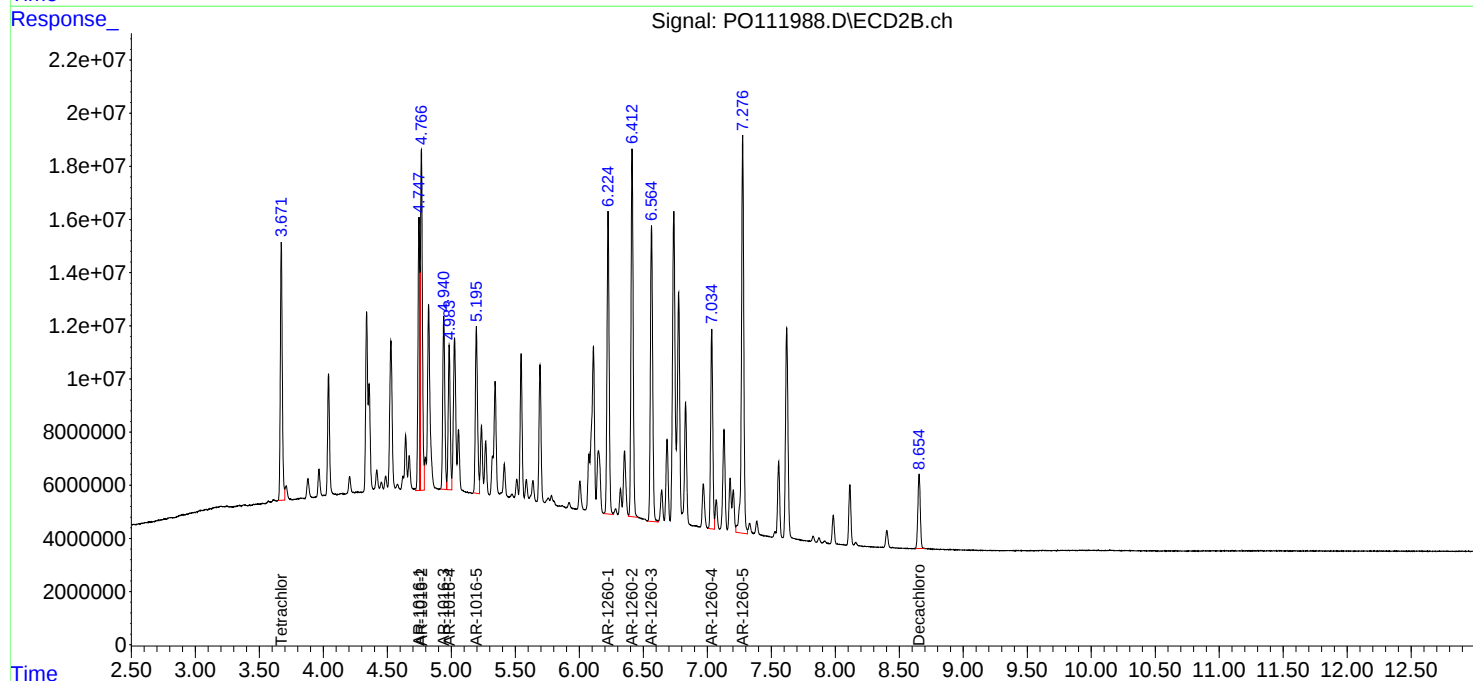
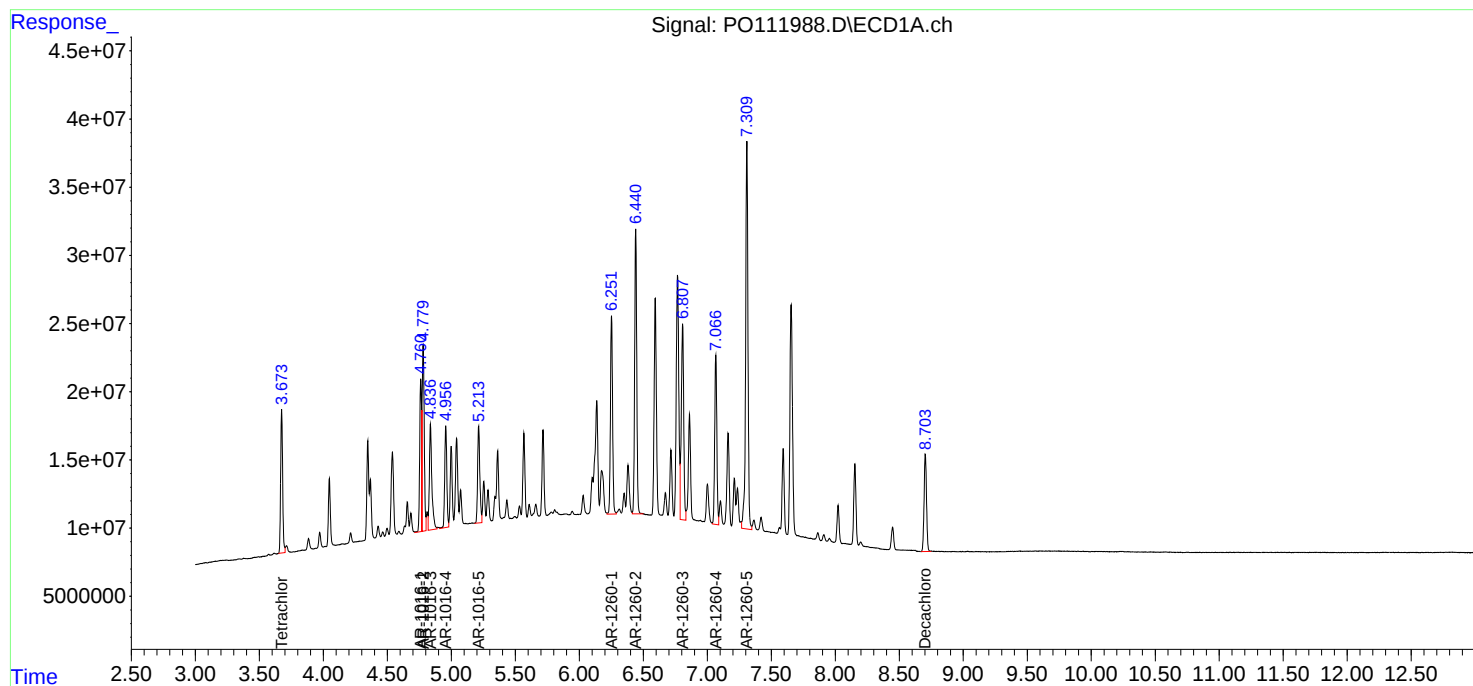
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 18:20
Operator : YP/AJ
Sample : PB168704BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168704BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:42:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-55MS	SDG No.:	Q2458
Lab Sample ID:	Q2458-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111938.D	1	07/01/25 08:30	07/01/25 17:37	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	155		4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	139		3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		32 - 175	76%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:37
 Operator : YP/AJ
 Sample : Q2458-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-55MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:48:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	110.0E6	96181925	19.094	17.123
2) SA Decachlor...	8.708	8.656	66510427	26928138	12.670	15.148
Target Compounds						
3) L1 AR-1016-1	4.762	4.748	98858319	87156075	414.407	442.940
4) L1 AR-1016-2	4.780	4.767	139.1E6	125.9E6	418.098	441.790
5) L1 AR-1016-3	4.838	4.942	98099537	64741961	426.259	430.926
6) L1 AR-1016-4	4.957	4.984	78651500	51334967	424.082	421.513
7) L1 AR-1016-5	5.215	5.197	71167209	62695287	381.300	393.818
31) L7 AR-1260-1	6.253	6.226	152.8E6	107.9E6	429.937	430.215
32) L7 AR-1260-2	6.442	6.414	196.7E6	123.1E6	416.299	418.837
33) L7 AR-1260-3	6.809	6.565	139.3E6	104.4E6	327.907	390.813
34) L7 AR-1260-4	7.069	7.036	102.8E6	63486063	326.873	333.968
35) L7 AR-1260-5	7.312	7.278	268.6E6	141.4E6	326.054	332.624

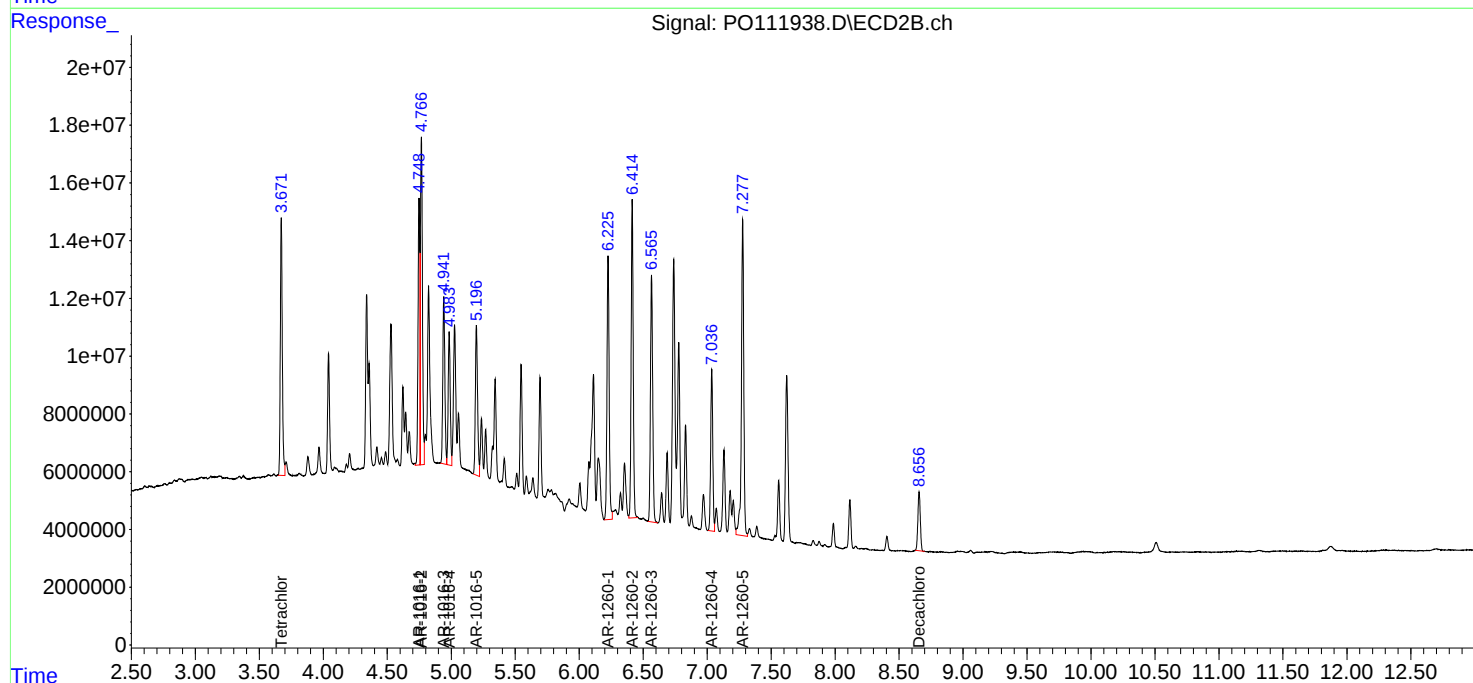
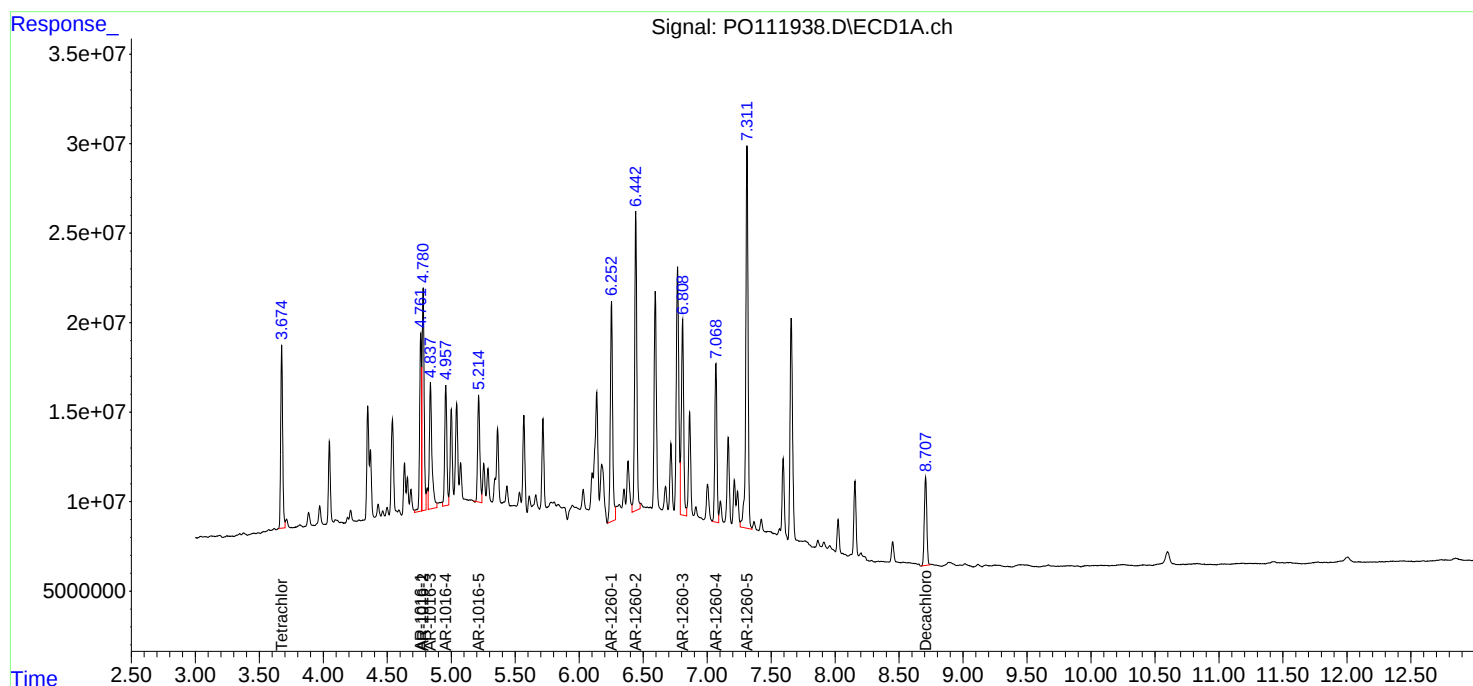
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:37
Operator : YP/AJ
Sample : Q2458-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-55MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:48:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	TP-55MSD	SDG No.:	Q2458
Lab Sample ID:	Q2458-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111939.D	1	07/01/25 08:30	07/01/25 17:54	PB168671

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	172		4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	141		3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		32 - 175	77%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070125\
 Data File : PO111939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 17:54
 Operator : YP/AJ
 Sample : Q2458-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-55MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:48:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.675	3.672	117.3E6	104.6E6	20.364	18.622
2) SA Decachlor...	8.707	8.658	66952099	27282566	12.755	15.347
Target Compounds						
3) L1 AR-1016-1	4.763	4.748	112.8E6	89272299	472.776	453.695
4) L1 AR-1016-2	4.782	4.767	149.9E6	127.8E6	450.565	448.486
5) L1 AR-1016-3	4.838	4.942	119.4E6	63472021	518.707	422.473
6) L1 AR-1016-4	4.958	4.985	93903016	52705018	506.317	432.763
7) L1 AR-1016-5	5.215	5.196	76069919	64242199	407.568	403.535
31) L7 AR-1260-1	6.254	6.226	156.1E6	111.0E6	439.289	442.456
32) L7 AR-1260-2	6.443	6.414	199.0E6	123.9E6	421.116	421.252
33) L7 AR-1260-3	6.809	6.566	137.8E6	104.7E6	324.511	391.795
34) L7 AR-1260-4	7.069	7.036	102.5E6	63858998	326.044	335.930
35) L7 AR-1260-5	7.312	7.278	265.1E6	143.9E6	321.774	338.634

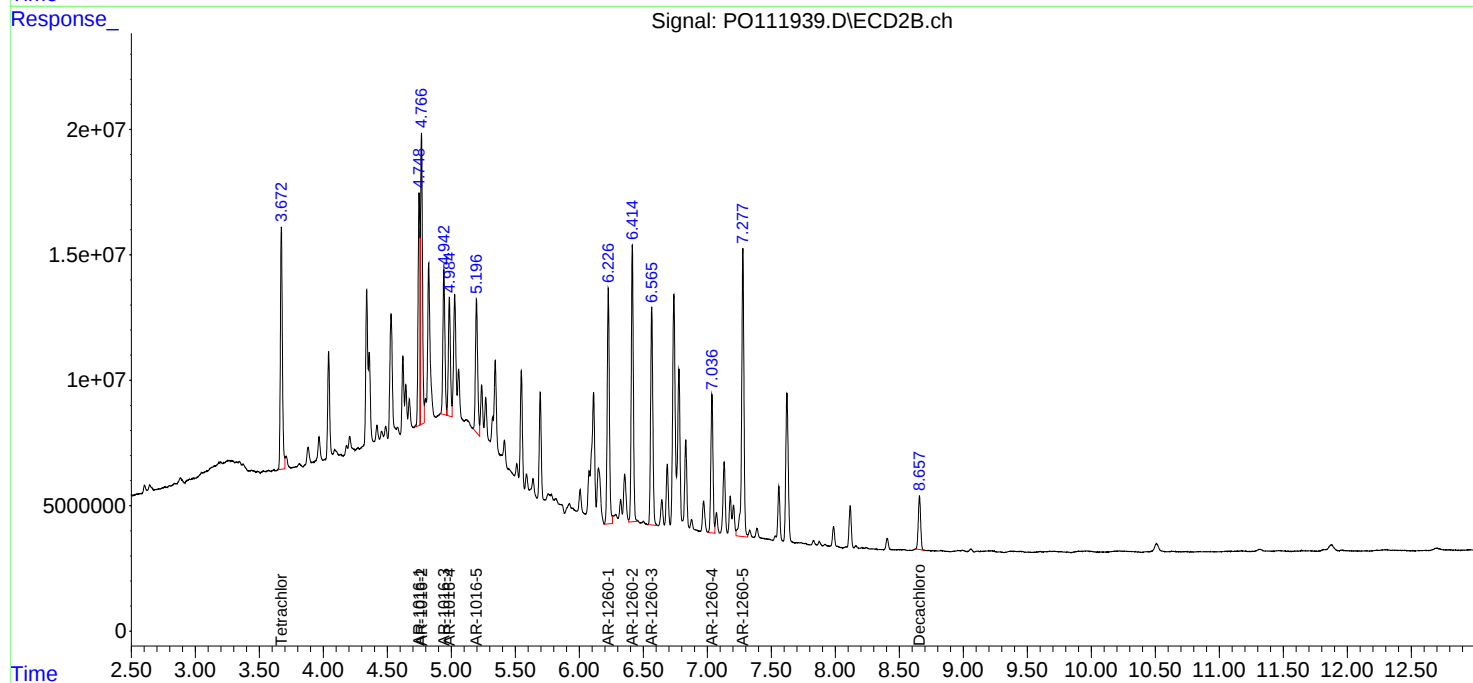
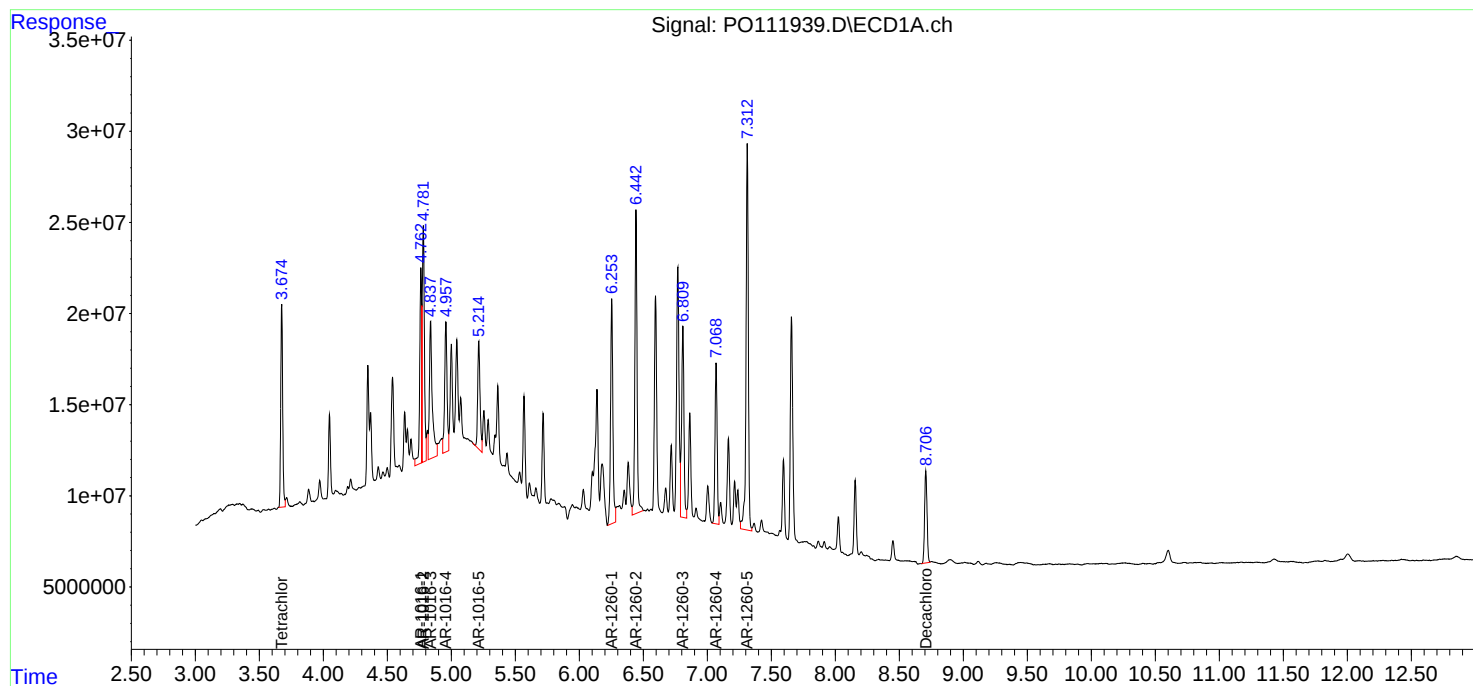
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070125\
Data File : PO111939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 17:54
Operator : YP/AJ
Sample : Q2458-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-55MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:48:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



Manual Integration Report

Sequence:	po061125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO111591.D	AR-1016-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-3	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-4	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-5	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-1	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-2	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-3	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-4	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software

Manual Integration Report

Sequence:	po061125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO111598.D	AR-1242-5	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-1	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-3	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-4	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-5	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1254ICC750	PO111605.D	Tetrachloro-m-xylene	yogesh	6/12/2025 8:55:45 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC1000	PO111610.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:46 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-4 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICV500	PO111619.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:50 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software

Manual Integration Report

Sequence:	PO070125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268CCC500	PO111917.D	AR-1268-5 #2	yogesh	7/2/2025 7:26:10 AM	mohammad	7/2/2025 7:44:38	Peak Integrated by Software
AR1268CCC500	PO111932.D	AR-1268-5 #2	yogesh	7/2/2025 10:17:09 AM	 	 	Peak Integrated by Software
Q2458-03	PO111940.D	Decachlorobiphenyl #2	yogesh	7/2/2025 10:08:41 AM	 	 	Peak Integrated by Software
Q2458-04	PO111941.D	Tetrachloro-m-xylene	yogesh	7/2/2025 10:08:43 AM	 	 	Peak Integrated by Software
Q2458-04	PO111941.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 10:08:43 AM	 	 	Peak Integrated by Software
Q2458-05	PO111942.D	Decachlorobiphenyl #2	yogesh	7/2/2025 10:08:44 AM	 	 	Peak Integrated by Software
AR1268CCC500	PO111948.D	AR-1268-5 #2	yogesh	7/2/2025 10:08:45 AM	 	 	Peak Integrated by Software
Q2458-07	PO111950.D	Decachlorobiphenyl	yogesh	7/2/2025 10:08:47 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-1	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-1 #2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-2 #2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-3	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	PO070125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2458-08	PO111951.D	AR-1254-3 #2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-4	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	AR-1254-4 #2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
Q2458-08	PO111951.D	Decachlorobiphenyl #2	yogesh	7/2/2025 10:08:49 AM	 	 	Peak Integrated by Software
AR1242CCC500	PO111961.D	AR-1242-2 #2	yogesh	7/2/2025 10:09:02 AM	 	 	Peak Integrated by Software
AR1242CCC500	PO111961.D	AR-1242-3 #2	yogesh	7/2/2025 10:09:02 AM	 	 	Peak Integrated by Software
AR1242CCC500	PO111961.D	AR-1242-4 #2	yogesh	7/2/2025 10:09:02 AM	 	 	Peak Integrated by Software
AR1242CCC500	PO111961.D	Decachlorobiphenyl #2	yogesh	7/2/2025 10:09:02 AM	 	 	Peak Integrated by Software
AR1242CCC500	PO111961.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 10:09:02 AM	 	 	Peak Integrated by Software
AR1254CCC500	PO111963.D	AR-1254-1 #2	yogesh	7/2/2025 10:09:03 AM	 	 	Peak Integrated by Software
AR1254CCC500	PO111963.D	Decachlorobiphenyl #2	yogesh	7/2/2025 10:09:03 AM	 	 	Peak Integrated by Software
AR1268CCC500	PO111964.D	AR-1268-5 #2	yogesh	7/2/2025 10:09:05 AM	 	 	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

PO070125

Instrument

ECD_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO070225	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PO111982.D	AR-1242-5 #2	yogesh	7/3/2025 8:30:04 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

PP070125

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP073417.D	AR-1016-1	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1016-2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1016-3	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-1	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-1 #2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-2 #2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-3	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-4	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1242ICC050	PP073424.D	AR-1242-5	yogesh	7/2/2025 7:26:51 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1248ICC050	PP073429.D	AR-1248-4	yogesh	7/2/2025 7:26:53 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1248ICC050	PP073429.D	AR-1248-5	yogesh	7/2/2025 7:26:53 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-1	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software

Manual Integration Report

Sequence:

PP070125

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073434.D	AR-1254-2	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-3	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-4	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-5	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1268ICC250	PP073439.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:56 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1268ICC050	PP073440.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:57 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:

PP070225

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073463.D	AR-1016-5 #2	yogesh	7/3/2025 11:32:20 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073478.D	AR-1016-5 #2	yogesh	7/3/2025 11:32:31 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111585.D	11 Jun 2025 10:03	YP/AJ	Ok
2	I.BLK	PO111586.D	11 Jun 2025 10:21	YP/AJ	Ok
3	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40	YP/AJ	Ok
4	AR1660ICC750	PO111588.D	11 Jun 2025 10:58	YP/AJ	Ok
5	AR1660ICC500	PO111589.D	11 Jun 2025 11:17	YP/AJ	Ok
6	AR1660ICC250	PO111590.D	11 Jun 2025 11:35	YP/AJ	Ok
7	AR1660ICC050	PO111591.D	11 Jun 2025 11:53	YP/AJ	Ok,M
8	AR1221ICC500	PO111592.D	11 Jun 2025 12:12	YP/AJ	Ok
9	AR1232ICC500	PO111593.D	11 Jun 2025 12:30	YP/AJ	Ok
10	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48	YP/AJ	Ok
11	AR1242ICC750	PO111595.D	11 Jun 2025 13:07	YP/AJ	Ok
12	AR1242ICC500	PO111596.D	11 Jun 2025 13:25	YP/AJ	Ok
13	AR1242ICC250	PO111597.D	11 Jun 2025 13:44	YP/AJ	Ok
14	AR1242ICC050	PO111598.D	11 Jun 2025 14:02	YP/AJ	Ok,M
15	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20	YP/AJ	Ok
16	AR1248ICC750	PO111600.D	11 Jun 2025 14:39	YP/AJ	Ok
17	AR1248ICC500	PO111601.D	11 Jun 2025 15:14	YP/AJ	Ok
18	AR1248ICC250	PO111602.D	11 Jun 2025 15:32	YP/AJ	Ok
19	AR1248ICC050	PO111603.D	11 Jun 2025 15:49	YP/AJ	Ok,M
20	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06	YP/AJ	Ok
21	AR1254ICC750	PO111605.D	11 Jun 2025 16:25	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO111606.D	11 Jun 2025 16:43	YP/AJ	Ok
23	AR1254ICC250	PO111607.D	11 Jun 2025 17:00	YP/AJ	Ok
24	AR1254ICC050	PO111608.D	11 Jun 2025 17:18	YP/AJ	Ok
25	AR1262ICC500	PO111609.D	11 Jun 2025 17:36	YP/AJ	Ok
26	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55	YP/AJ	Ok,M
27	AR1268ICC750	PO111611.D	11 Jun 2025 18:13	YP/AJ	Ok
28	AR1268ICC500	PO111612.D	11 Jun 2025 18:31	YP/AJ	Ok
29	AR1268ICC250	PO111613.D	11 Jun 2025 18:50	YP/AJ	Ok,M
30	AR1268ICC050	PO111614.D	11 Jun 2025 19:07	YP/AJ	Ok
31	PO061125ICV500	PO111615.D	11 Jun 2025 19:25	YP/AJ	Ok
32	AR1242ICV500	PO111616.D	11 Jun 2025 20:02	YP/AJ	Ok
33	AR1248ICV500	PO111617.D	11 Jun 2025 20:39	YP/AJ	Ok
34	AR1254ICV500	PO111618.D	11 Jun 2025 21:16	YP/AJ	Ok
35	AR1268ICV500	PO111619.D	11 Jun 2025 21:52	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111912.D	01 Jul 2025 09:06	YP/AJ	Ok
2	AR1660CCC500	PO111913.D	01 Jul 2025 09:23	YP/AJ	Ok
3	AR1242CCC500	PO111914.D	01 Jul 2025 09:42	YP/AJ	Ok
4	AR1248CCC500	PO111915.D	01 Jul 2025 10:00	YP/AJ	Ok
5	AR1254CCC500	PO111916.D	01 Jul 2025 10:19	YP/AJ	Ok
6	AR1268CCC500	PO111917.D	01 Jul 2025 10:36	YP/AJ	Ok,M
7	I.BLK	PO111918.D	01 Jul 2025 10:54	YP/AJ	Ok
8	Q2448-01	PO111919.D	01 Jul 2025 11:11	YP/AJ	Ok,M
9	Q2451-03	PO111920.D	01 Jul 2025 11:28	YP/AJ	Ok,M
10	Q2451-04	PO111921.D	01 Jul 2025 11:46	YP/AJ	Ok,M
11	Q2451-05	PO111922.D	01 Jul 2025 12:03	YP/AJ	Ok,M
12	Q2451-06	PO111923.D	01 Jul 2025 12:20	YP/AJ	Ok,M
13	Q2451-07	PO111924.D	01 Jul 2025 12:39	YP/AJ	Ok,M
14	Q2451-08	PO111925.D	01 Jul 2025 12:57	YP/AJ	Ok,M
15	Q2446-03	PO111926.D	01 Jul 2025 13:15	YP/AJ	Ok,M
16	Q2446-01	PO111927.D	01 Jul 2025 13:32	YP/AJ	Ok,M
17	AR1660CCC500	PO111928.D	01 Jul 2025 14:42	YP/AJ	Ok
18	AR1242CCC500	PO111929.D	01 Jul 2025 14:59	YP/AJ	Ok
19	AR1248CCC500	PO111930.D	01 Jul 2025 15:18	YP/AJ	Ok
20	AR1254CCC500	PO111931.D	01 Jul 2025 15:35	YP/AJ	Ok
21	AR1268CCC500	PO111932.D	01 Jul 2025 15:52	YP/AJ	Ok,NS

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PO111933.D	01 Jul 2025 16:10	YP/AJ	Ok
23	PB168671BL	PO111934.D	01 Jul 2025 16:27	YP/AJ	Ok
24	PB168671BS	PO111935.D	01 Jul 2025 16:45	YP/AJ	Ok
25	Q2458-01	PO111936.D	01 Jul 2025 17:02	YP/AJ	Ok
26	Q2458-02	PO111937.D	01 Jul 2025 17:19	YP/AJ	Ok
27	Q2458-02MS	PO111938.D	01 Jul 2025 17:37	YP/AJ	Ok
28	Q2458-02MSD	PO111939.D	01 Jul 2025 17:54	YP/AJ	Ok
29	Q2458-03	PO111940.D	01 Jul 2025 18:12	YP/AJ	Ok,NS
30	Q2458-04	PO111941.D	01 Jul 2025 18:29	YP/AJ	Ok,NS
31	Q2458-05	PO111942.D	01 Jul 2025 18:47	YP/AJ	Ok,NS
32	Q2458-06	PO111943.D	01 Jul 2025 19:04	YP/AJ	Ok
33	AR1660CCC500	PO111944.D	01 Jul 2025 20:10	YP/AJ	Ok
34	AR1242CCC500	PO111945.D	01 Jul 2025 21:03	YP/AJ	Ok
35	AR1248CCC500	PO111946.D	01 Jul 2025 21:20	YP/AJ	Ok
36	AR1254CCC500	PO111947.D	01 Jul 2025 21:38	YP/AJ	Ok
37	AR1268CCC500	PO111948.D	01 Jul 2025 21:56	YP/AJ	Ok,NS
38	I.BLK	PO111949.D	01 Jul 2025 22:13	YP/AJ	Ok
39	Q2458-07	PO111950.D	01 Jul 2025 22:31	YP/AJ	Ok,NS
40	Q2458-08	PO111951.D	01 Jul 2025 22:48	YP/AJ	Ok,NS
41	Q2458-09	PO111952.D	01 Jul 2025 23:07	YP/AJ	Not Ok
42	Q2459-01	PO111953.D	01 Jul 2025 23:24	YP/AJ	Ok,NS
43	Q2462-09	PO111954.D	01 Jul 2025 23:41	YP/AJ	Ok
44	Q2464-01	PO111955.D	02 Jul 2025 00:00	YP/AJ	Ok,NS

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q2469-01	PO111956.D	02 Jul 2025 00:17	YP/AJ	Ok,NS
46	Q2462-04	PO111957.D	02 Jul 2025 00:36	YP/AJ	Not Ok
47	Q2462-05	PO111958.D	02 Jul 2025 00:53	YP/AJ	Ok,NS
48	Q2462-10	PO111959.D	02 Jul 2025 01:10	YP/AJ	Ok,NS
49	AR1660CCC500	PO111960.D	02 Jul 2025 02:18	YP/AJ	Ok
50	AR1242CCC500	PO111961.D	02 Jul 2025 03:12	YP/AJ	Ok,NS
51	AR1248CCC500	PO111962.D	02 Jul 2025 03:30	YP/AJ	Ok
52	AR1254CCC500	PO111963.D	02 Jul 2025 03:49	YP/AJ	Ok,NS
53	AR1268CCC500	PO111964.D	02 Jul 2025 04:07	YP/AJ	Ok,NS
54	I.BLK	PO111965.D	02 Jul 2025 04:26	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111966.D	02 Jul 2025 10:38	YP/AJ	Ok
2	AR1660CCC500	PO111967.D	02 Jul 2025 10:56	YP/AJ	Ok
3	AR1242CCC500	PO111968.D	02 Jul 2025 11:15	YP/AJ	Ok
4	AR1248CCC500	PO111969.D	02 Jul 2025 11:32	YP/AJ	Ok
5	AR1254CCC500	PO111970.D	02 Jul 2025 11:50	YP/AJ	Ok
6	I.BLK	PO111971.D	02 Jul 2025 12:08	YP/AJ	Ok
7	DDT ANALOGUE	PO111972.D	02 Jul 2025 12:26	YP/AJ	Ok
8	PB168671BL	PO111973.D	02 Jul 2025 12:45	YP/AJ	Ok
9	PB168691BL	PO111974.D	02 Jul 2025 13:02	YP/AJ	Ok
10	PB168691BS	PO111975.D	02 Jul 2025 13:19	YP/AJ	Ok
11	Q2458-09	PO111976.D	02 Jul 2025 13:37	YP/AJ	Ok
12	Q2467-01	PO111977.D	02 Jul 2025 13:54	YP/AJ	Ok
13	Q2462-04	PO111978.D	02 Jul 2025 14:12	YP/AJ	Ok
14	Q2475-01	PO111979.D	02 Jul 2025 15:05	YP/AJ	Ok,NS
15	Q2478-01	PO111980.D	02 Jul 2025 15:23	YP/AJ	Ok
16	AR1660CCC500	PO111981.D	02 Jul 2025 16:19	YP/AJ	Ok
17	AR1242CCC500	PO111982.D	02 Jul 2025 16:36	YP/AJ	Ok,NS
18	AR1248CCC500	PO111983.D	02 Jul 2025 16:53	YP/AJ	Ok
19	AR1254CCC500	PO111984.D	02 Jul 2025 17:11	YP/AJ	Ok
20	I.BLK	PO111985.D	02 Jul 2025 17:28	YP/AJ	Ok
21	PB168704BL	PO111986.D	02 Jul 2025 17:45	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB168704BS	PO111987.D	02 Jul 2025 18:03	YP/AJ	Ok
23	PB168704BSD	PO111988.D	02 Jul 2025 18:20	YP/AJ	Ok
24	Q2462-01	PO111989.D	02 Jul 2025 18:39	YP/AJ	Ok
25	Q2463-01	PO111990.D	02 Jul 2025 18:56	YP/AJ	Not Ok
26	Q2465-04	PO111991.D	02 Jul 2025 19:14	YP/AJ	Ok,NS
27	Q2481-02	PO111992.D	02 Jul 2025 19:31	YP/AJ	Not Ok
28	Q2481-03	PO111993.D	02 Jul 2025 19:48	YP/AJ	Not Ok
29	Q2481-05	PO111994.D	02 Jul 2025 20:07	YP/AJ	Not Ok
30	AR1660CCC500	PO111995.D	02 Jul 2025 21:16	YP/AJ	Ok
31	AR1242CCC500	PO111996.D	02 Jul 2025 22:11	YP/AJ	Ok
32	AR1248CCC500	PO111997.D	02 Jul 2025 22:28	YP/AJ	Ok
33	AR1254CCC500	PO111998.D	02 Jul 2025 22:46	YP/AJ	Ok
34	I.BLK	PO111999.D	02 Jul 2025 23:05	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073411.D	01 Jul 2025 13:30	YP\AJ	Ok
2	I.BLK	PP073412.D	01 Jul 2025 13:46	YP\AJ	Ok
3	AR1660ICC1000	PP073413.D	01 Jul 2025 14:04	YP\AJ	Ok
4	AR1660ICC750	PP073414.D	01 Jul 2025 14:21	YP\AJ	Ok
5	AR1660ICC500	PP073415.D	01 Jul 2025 14:37	YP\AJ	Ok
6	AR1660ICC250	PP073416.D	01 Jul 2025 14:54	YP\AJ	Ok
7	AR1660ICC050	PP073417.D	01 Jul 2025 15:10	YP\AJ	Ok,M
8	AR1221ICC500	PP073418.D	01 Jul 2025 15:26	YP\AJ	Ok
9	AR1232ICC500	PP073419.D	01 Jul 2025 15:43	YP\AJ	Ok
10	AR1242ICC1000	PP073420.D	01 Jul 2025 15:59	YP\AJ	Ok
11	AR1242ICC750	PP073421.D	01 Jul 2025 16:16	YP\AJ	Ok
12	AR1242ICC500	PP073422.D	01 Jul 2025 16:33	YP\AJ	Ok
13	AR1242ICC250	PP073423.D	01 Jul 2025 16:49	YP\AJ	Ok
14	AR1242ICC050	PP073424.D	01 Jul 2025 17:05	YP\AJ	Ok,M
15	AR1248ICC1000	PP073425.D	01 Jul 2025 17:22	YP\AJ	Ok
16	AR1248ICC750	PP073426.D	01 Jul 2025 17:39	YP\AJ	Ok
17	AR1248ICC500	PP073427.D	01 Jul 2025 17:55	YP\AJ	Ok
18	AR1248ICC250	PP073428.D	01 Jul 2025 18:12	YP\AJ	Ok
19	AR1248ICC050	PP073429.D	01 Jul 2025 18:28	YP\AJ	Ok,M
20	AR1254ICC1000	PP073430.D	01 Jul 2025 18:45	YP\AJ	Ok
21	AR1254ICC750	PP073431.D	01 Jul 2025 19:01	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP073432.D	01 Jul 2025 19:18	YP\AJ	Ok
23	AR1254ICC250	PP073433.D	01 Jul 2025 19:35	YP\AJ	Ok
24	AR1254ICC050	PP073434.D	01 Jul 2025 19:51	YP\AJ	Ok,M
25	AR1262ICC500	PP073435.D	01 Jul 2025 20:08	YP\AJ	Ok
26	AR1268ICC1000	PP073436.D	01 Jul 2025 20:24	YP\AJ	Ok
27	AR1268ICC750	PP073437.D	01 Jul 2025 20:41	YP\AJ	Ok
28	AR1268ICC500	PP073438.D	01 Jul 2025 20:57	YP\AJ	Ok
29	AR1268ICC250	PP073439.D	01 Jul 2025 21:14	YP\AJ	Ok,M
30	AR1268ICC050	PP073440.D	01 Jul 2025 21:30	YP\AJ	Ok,M
31	PP070125ICV500	PP073441.D	01 Jul 2025 21:47	YP\AJ	Ok
32	AR1242ICV500	PP073442.D	01 Jul 2025 22:20	YP\AJ	Ok
33	AR1248ICV500	PP073443.D	01 Jul 2025 22:53	YP\AJ	Ok
34	AR1254ICV500	PP073444.D	01 Jul 2025 23:26	YP\AJ	Ok
35	AR1268ICV500	PP073445.D	02 Jul 2025 00:00	YP\AJ	Ok
36	DDT ANALOGUE	PP073446.D	02 Jul 2025 07:34	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070225

Review By	yogesh	Review On	7/2/2025 10:58:10 AM
Supervise By		Supervise On	
SubDirectory	PP070225	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073447.D	02 Jul 2025 08:57	YP\AJ	Ok
2	AR1660CCC500	PP073448.D	02 Jul 2025 10:07	YP\AJ	Ok
3	AR1242CCC500	PP073449.D	02 Jul 2025 10:27	YP\AJ	Ok
4	AR1248CCC500	PP073450.D	02 Jul 2025 10:44	YP\AJ	Ok
5	AR1254CCC500	PP073451.D	02 Jul 2025 11:00	YP\AJ	Ok
6	I.BLK	PP073452.D	02 Jul 2025 11:17	YP\AJ	Ok
7	DDT ANALOGUE	PP073453.D	02 Jul 2025 11:34	YP\AJ	Ok
8	PB168692BL	PP073454.D	02 Jul 2025 15:14	YP\AJ	Ok
9	PB168692BS	PP073455.D	02 Jul 2025 15:30	YP\AJ	Ok
10	Q2472-01	PP073456.D	02 Jul 2025 15:46	YP\AJ	Ok
11	Q2473-01	PP073457.D	02 Jul 2025 16:03	YP\AJ	Ok,NS
12	Q2473-02	PP073458.D	02 Jul 2025 16:19	YP\AJ	Ok,NS
13	Q2473-03	PP073459.D	02 Jul 2025 16:36	YP\AJ	Ok,NS
14	Q2473-04	PP073460.D	02 Jul 2025 16:53	YP\AJ	Ok,NS
15	Q2473-04MS	PP073461.D	02 Jul 2025 17:09	YP\AJ	Ok,NS
16	Q2473-04MSD	PP073462.D	02 Jul 2025 17:25	YP\AJ	Ok,NS
17	AR1660CCC500	PP073463.D	02 Jul 2025 18:47	YP\AJ	Ok,NS
18	AR1242CCC500	PP073464.D	02 Jul 2025 19:04	YP\AJ	Ok
19	AR1248CCC500	PP073465.D	02 Jul 2025 19:20	YP\AJ	Ok
20	AR1254CCC500	PP073466.D	02 Jul 2025 19:36	YP\AJ	Ok
21	I.BLK	PP073467.D	02 Jul 2025 19:53	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070225

Review By	yogesh	Review On	7/2/2025 10:58:10 AM
Supervise By		Supervise On	
SubDirectory	PP070225	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2484-01	PP073468.D	02 Jul 2025 20:09	YP\AJ	Ok,NS
23	Q2484-02	PP073469.D	02 Jul 2025 20:26	YP\AJ	Ok,NS
24	Q2484-03	PP073470.D	02 Jul 2025 20:42	YP\AJ	Ok
25	Q2484-04	PP073471.D	02 Jul 2025 20:58	YP\AJ	Ok
26	Q2484-05	PP073472.D	02 Jul 2025 21:15	YP\AJ	Ok
27	Q2484-06	PP073473.D	02 Jul 2025 21:31	YP\AJ	Ok
28	Q2458-10	PP073474.D	02 Jul 2025 21:47	YP\AJ	Ok
29	Q2477-01	PP073475.D	02 Jul 2025 22:04	YP\AJ	Ok,NS
30	Q2481-01	PP073476.D	02 Jul 2025 22:20	YP\AJ	Ok,NS
31	Q2481-04	PP073477.D	02 Jul 2025 22:36	YP\AJ	Ok,NS
32	AR1660CCC500	PP073478.D	02 Jul 2025 23:58	YP\AJ	Ok,NS
33	AR1242CCC500	PP073479.D	03 Jul 2025 00:15	YP\AJ	Not Ok
34	AR1248CCC500	PP073480.D	03 Jul 2025 00:31	YP\AJ	Ok
35	AR1254CCC500	PP073481.D	03 Jul 2025 00:47	YP\AJ	Not Ok
36	I.BLK	PP073482.D	03 Jul 2025 01:04	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111585.D	11 Jun 2025 10:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO111586.D	11 Jun 2025 10:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO111588.D	11 Jun 2025 10:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO111589.D	11 Jun 2025 11:17		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO111590.D	11 Jun 2025 11:35		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO111591.D	11 Jun 2025 11:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO111592.D	11 Jun 2025 12:12		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO111593.D	11 Jun 2025 12:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO111595.D	11 Jun 2025 13:07		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO111596.D	11 Jun 2025 13:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO111597.D	11 Jun 2025 13:44		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO111598.D	11 Jun 2025 14:02		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO111600.D	11 Jun 2025 14:39		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO111601.D	11 Jun 2025 15:14		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO111602.D	11 Jun 2025 15:32		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PO111603.D	11 Jun 2025 15:49		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO111605.D	11 Jun 2025 16:25		YP/AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PO111606.D	11 Jun 2025 16:43		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO111607.D	11 Jun 2025 17:00		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO111608.D	11 Jun 2025 17:18		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO111609.D	11 Jun 2025 17:36		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO111611.D	11 Jun 2025 18:13		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO111612.D	11 Jun 2025 18:31		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO111613.D	11 Jun 2025 18:50		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO111614.D	11 Jun 2025 19:07		YP/AJ	Ok
31	PO061125ICV500	ICVPO061125	PO111615.D	11 Jun 2025 19:25		YP/AJ	Ok
32	AR1242ICV500	ICVPO061125AR1242	PO111616.D	11 Jun 2025 20:02		YP/AJ	Ok
33	AR1248ICV500	ICVPO061125AR1248	PO111617.D	11 Jun 2025 20:39		YP/AJ	Ok
34	AR1254ICV500	ICVPO061125AR1254	PO111618.D	11 Jun 2025 21:16		YP/AJ	Ok
35	AR1268ICV500	ICVPO061125AR1268	PO111619.D	11 Jun 2025 21:52		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111912.D	01 Jul 2025 09:06		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO111913.D	01 Jul 2025 09:23		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO111914.D	01 Jul 2025 09:42		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO111915.D	01 Jul 2025 10:00		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO111916.D	01 Jul 2025 10:19		YP/AJ	Ok
6	AR1268CCC500	AR1268CCC500	PO111917.D	01 Jul 2025 10:36		YP/AJ	Ok,M
7	I.BLK	I.BLK	PO111918.D	01 Jul 2025 10:54		YP/AJ	Ok
8	Q2448-01	JEI041K-1-1	PO111919.D	01 Jul 2025 11:11	AR1268 Hit	YP/AJ	Ok,M
9	Q2451-03	Y2307-0279-1-1	PO111920.D	01 Jul 2025 11:28		YP/AJ	Ok,M
10	Q2451-04	Y2307-0279-1-2	PO111921.D	01 Jul 2025 11:46		YP/AJ	Ok,M
11	Q2451-05	KQA08OZ-1-1	PO111922.D	01 Jul 2025 12:03		YP/AJ	Ok,M
12	Q2451-06	KQA08OZ-1-2	PO111923.D	01 Jul 2025 12:20		YP/AJ	Ok,M
13	Q2451-07	HIA-925Q-1-1	PO111924.D	01 Jul 2025 12:39		YP/AJ	Ok,M
14	Q2451-08	HIA-925Q-1-2	PO111925.D	01 Jul 2025 12:57		YP/AJ	Ok,M
15	Q2446-03	MR-BUR-LNG-13	PO111926.D	01 Jul 2025 13:15		YP/AJ	Ok,M
16	Q2446-01	MR-BUR-LNG-19	PO111927.D	01 Jul 2025 13:32		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO111928.D	01 Jul 2025 14:42		YP/AJ	Ok
18	AR1242CCC500	AR1242CCC500	PO111929.D	01 Jul 2025 14:59		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PO111930.D	01 Jul 2025 15:18		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO111931.D	01 Jul 2025 15:35		YP/AJ	Ok
21	AR1268CCC500	AR1268CCC500	PO111932.D	01 Jul 2025 15:52		YP/AJ	Ok,NS
22	I.BLK	I.BLK	PO111933.D	01 Jul 2025 16:10		YP/AJ	Ok
23	PB168671BL	PB168671BL	PO111934.D	01 Jul 2025 16:27		YP/AJ	Ok
24	PB168671BS	PB168671BS	PO111935.D	01 Jul 2025 16:45		YP/AJ	Ok
25	Q2458-01	TP-76	PO111936.D	01 Jul 2025 17:02		YP/AJ	Ok
26	Q2458-02	TP-55	PO111937.D	01 Jul 2025 17:19		YP/AJ	Ok
27	Q2458-02MS	TP-55MS	PO111938.D	01 Jul 2025 17:37		YP/AJ	Ok
28	Q2458-02MSD	TP-55MSD	PO111939.D	01 Jul 2025 17:54		YP/AJ	Ok
29	Q2458-03	TP-68	PO111940.D	01 Jul 2025 18:12		YP/AJ	Ok,NS
30	Q2458-04	TP-67	PO111941.D	01 Jul 2025 18:29		YP/AJ	Ok,NS
31	Q2458-05	TP-66	PO111942.D	01 Jul 2025 18:47		YP/AJ	Ok,NS
32	Q2458-06	TP-60	PO111943.D	01 Jul 2025 19:04		YP/AJ	Ok
33	AR1660CCC500	AR1660CCC500	PO111944.D	01 Jul 2025 20:10		YP/AJ	Ok
34	AR1242CCC500	AR1242CCC500	PO111945.D	01 Jul 2025 21:03	DCB Low in 1st column	YP/AJ	Ok
35	AR1248CCC500	AR1248CCC500	PO111946.D	01 Jul 2025 21:20		YP/AJ	Ok
36	AR1254CCC500	AR1254CCC500	PO111947.D	01 Jul 2025 21:38		YP/AJ	Ok
37	AR1268CCC500	AR1268CCC500	PO111948.D	01 Jul 2025 21:56		YP/AJ	Ok,NS

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070125

Review By	yogesh	Review On	7/1/2025 12:25:08 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:38 AM
SubDirectory	PO070125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	I.BLK	I.BLK	PO111949.D	01 Jul 2025 22:13		YP/AJ	Ok
39	Q2458-07	TP-62	PO111950.D	01 Jul 2025 22:31		YP/AJ	Ok,NS
40	Q2458-08	TP-63	PO111951.D	01 Jul 2025 22:48	AR1254 Hit	YP/AJ	Ok,NS
41	Q2458-09	TP-59	PO111952.D	01 Jul 2025 23:07	need cleanup	YP/AJ	Not Ok
42	Q2459-01	TP-1	PO111953.D	01 Jul 2025 23:24		YP/AJ	Ok,NS
43	Q2462-09	61625-ABC	PO111954.D	01 Jul 2025 23:41		YP/AJ	Ok
44	Q2464-01	OR-3-063025	PO111955.D	02 Jul 2025 00:00		YP/AJ	Ok,NS
45	Q2469-01	WC-1	PO111956.D	02 Jul 2025 00:17	AR1260 Hit	YP/AJ	Ok,NS
46	Q2462-04	60425-AB	PO111957.D	02 Jul 2025 00:36	need cleanup	YP/AJ	Not Ok
47	Q2462-05	50725	PO111958.D	02 Jul 2025 00:53		YP/AJ	Ok,NS
48	Q2462-10	62725	PO111959.D	02 Jul 2025 01:10		YP/AJ	Ok,NS
49	AR1660CCC500	AR1660CCC500	PO111960.D	02 Jul 2025 02:18		YP/AJ	Ok
50	AR1242CCC500	AR1242CCC500	PO111961.D	02 Jul 2025 03:12		YP/AJ	Ok,NS
51	AR1248CCC500	AR1248CCC500	PO111962.D	02 Jul 2025 03:30		YP/AJ	Ok
52	AR1254CCC500	AR1254CCC500	PO111963.D	02 Jul 2025 03:49		YP/AJ	Ok,NS
53	AR1268CCC500	AR1268CCC500	PO111964.D	02 Jul 2025 04:07		YP/AJ	Ok,NS
54	I.BLK	I.BLK	PO111965.D	02 Jul 2025 04:26		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111966.D	02 Jul 2025 10:38		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO111967.D	02 Jul 2025 10:56		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO111968.D	02 Jul 2025 11:15		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO111969.D	02 Jul 2025 11:32		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO111970.D	02 Jul 2025 11:50		YP/AJ	Ok
6	I.BLK	I.BLK	PO111971.D	02 Jul 2025 12:08		YP/AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PO111972.D	02 Jul 2025 12:26		YP/AJ	Ok
8	PB168671BL	PB168671BL	PO111973.D	02 Jul 2025 12:45		YP/AJ	Ok
9	PB168691BL	PB168691BL	PO111974.D	02 Jul 2025 13:02		YP/AJ	Ok
10	PB168691BS	PB168691BS	PO111975.D	02 Jul 2025 13:19		YP/AJ	Ok
11	Q2458-09	TP-59	PO111976.D	02 Jul 2025 13:37		YP/AJ	Ok
12	Q2467-01	1A-1B-1C-Fire Stopher	PO111977.D	02 Jul 2025 13:54		YP/AJ	Ok
13	Q2462-04	60425-AB	PO111978.D	02 Jul 2025 14:12		YP/AJ	Ok
14	Q2475-01	SOIL-PILE	PO111979.D	02 Jul 2025 15:05		YP/AJ	Ok,NS
15	Q2478-01	WC-1	PO111980.D	02 Jul 2025 15:23		YP/AJ	Ok
16	AR1660CCC500	AR1660CCC500	PO111981.D	02 Jul 2025 16:19		YP/AJ	Ok
17	AR1242CCC500	AR1242CCC500	PO111982.D	02 Jul 2025 16:36		YP/AJ	Ok,NS
18	AR1248CCC500	AR1248CCC500	PO111983.D	02 Jul 2025 16:53		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PO111984.D	02 Jul 2025 17:11		YP/AJ	Ok
20	I.BLK	I.BLK	PO111985.D	02 Jul 2025 17:28		YP/AJ	Ok
21	PB168704BL	PB168704BL	PO111986.D	02 Jul 2025 17:45		YP/AJ	Ok
22	PB168704BS	PB168704BS	PO111987.D	02 Jul 2025 18:03		YP/AJ	Ok
23	PB168704BSD	PB168704BSD	PO111988.D	02 Jul 2025 18:20		YP/AJ	Ok
24	Q2462-01	40425	PO111989.D	02 Jul 2025 18:39		YP/AJ	Ok
25	Q2463-01	TW-WTS-11	PO111990.D	02 Jul 2025 18:56	Need straight	YP/AJ	Not Ok
26	Q2465-04	62025-ABC	PO111991.D	02 Jul 2025 19:14	TCMX high in 1st column	YP/AJ	Ok,NS
27	Q2481-02	CC0627-CLOXPL	PO111992.D	02 Jul 2025 19:31	Need to run with lower dilution 10X	YP/AJ	Not Ok
28	Q2481-03	CC0625-OXBL	PO111993.D	02 Jul 2025 19:48	Need to run with lower dilution 10X	YP/AJ	Not Ok
29	Q2481-05	CC0625-NL	PO111994.D	02 Jul 2025 20:07	Need to run with lower dilution 10X	YP/AJ	Not Ok
30	AR1660CCC500	AR1660CCC500	PO111995.D	02 Jul 2025 21:16		YP/AJ	Ok
31	AR1242CCC500	AR1242CCC500	PO111996.D	02 Jul 2025 22:11		YP/AJ	Ok
32	AR1248CCC500	AR1248CCC500	PO111997.D	02 Jul 2025 22:28		YP/AJ	Ok
33	AR1254CCC500	AR1254CCC500	PO111998.D	02 Jul 2025 22:46		YP/AJ	Ok
34	I.BLK	I.BLK	PO111999.D	02 Jul 2025 23:05		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073411.D	01 Jul 2025 13:30		YP\AJ	Ok
2	I.BLK	I.BLK	PP073412.D	01 Jul 2025 13:46		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073413.D	01 Jul 2025 14:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073414.D	01 Jul 2025 14:21		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073415.D	01 Jul 2025 14:37		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073416.D	01 Jul 2025 14:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP073417.D	01 Jul 2025 15:10		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073418.D	01 Jul 2025 15:26		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073419.D	01 Jul 2025 15:43		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073420.D	01 Jul 2025 15:59		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073421.D	01 Jul 2025 16:16		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073422.D	01 Jul 2025 16:33		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073423.D	01 Jul 2025 16:49		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073424.D	01 Jul 2025 17:05		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073425.D	01 Jul 2025 17:22		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073426.D	01 Jul 2025 17:39		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073427.D	01 Jul 2025 17:55		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073428.D	01 Jul 2025 18:12		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP073429.D	01 Jul 2025 18:28		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073430.D	01 Jul 2025 18:45		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073431.D	01 Jul 2025 19:01		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073432.D	01 Jul 2025 19:18		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073433.D	01 Jul 2025 19:35		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073434.D	01 Jul 2025 19:51		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073435.D	01 Jul 2025 20:08		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073436.D	01 Jul 2025 20:24		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073437.D	01 Jul 2025 20:41		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073438.D	01 Jul 2025 20:57		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073439.D	01 Jul 2025 21:14		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073440.D	01 Jul 2025 21:30		YPIAJ	Ok,M
31	PP070125ICV500	ICVPP070125	PP073441.D	01 Jul 2025 21:47		YPIAJ	Ok
32	AR1242ICV500	ICVPP070125AR1242	PP073442.D	01 Jul 2025 22:20		YPIAJ	Ok
33	AR1248ICV500	ICVPP070125AR1248	PP073443.D	01 Jul 2025 22:53		YPIAJ	Ok
34	AR1254ICV500	ICVPP070125AR1254	PP073444.D	01 Jul 2025 23:26		YPIAJ	Ok
35	AR1268ICV500	ICVPP070125AR1268	PP073445.D	02 Jul 2025 00:00		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073446.D	02 Jul 2025 07:34		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070225

Review By	yogesh	Review On	7/2/2025 10:58:10 AM
Supervise By		Supervise On	
SubDirectory	PP070225	HP Acquire Method	HP Processing Method PP070125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073447.D	02 Jul 2025 08:57		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073448.D	02 Jul 2025 10:07		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073449.D	02 Jul 2025 10:27		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073450.D	02 Jul 2025 10:44		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073451.D	02 Jul 2025 11:00		YP\AJ	Ok
6	I.BLK	I.BLK	PP073452.D	02 Jul 2025 11:17		YP\AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PP073453.D	02 Jul 2025 11:34		YP\AJ	Ok
8	PB168692BL	PB168692BL	PP073454.D	02 Jul 2025 15:14		YP\AJ	Ok
9	PB168692BS	PB168692BS	PP073455.D	02 Jul 2025 15:30		YP\AJ	Ok
10	Q2472-01	PN#1	PP073456.D	02 Jul 2025 15:46		YP\AJ	Ok
11	Q2473-01	PIT#1	PP073457.D	02 Jul 2025 16:03		YP\AJ	Ok,NS
12	Q2473-02	PIT#2	PP073458.D	02 Jul 2025 16:19		YP\AJ	Ok,NS
13	Q2473-03	PIT#3	PP073459.D	02 Jul 2025 16:36		YP\AJ	Ok,NS
14	Q2473-04	PIT#4	PP073460.D	02 Jul 2025 16:53		YP\AJ	Ok,NS
15	Q2473-04MS	PIT#4MS	PP073461.D	02 Jul 2025 17:09		YP\AJ	Ok,NS
16	Q2473-04MSD	PIT#4MSD	PP073462.D	02 Jul 2025 17:25		YP\AJ	Ok,NS
17	AR1660CCC500	AR1660CCC500	PP073463.D	02 Jul 2025 18:47		YP\AJ	Ok,NS
18	AR1242CCC500	AR1242CCC500	PP073464.D	02 Jul 2025 19:04		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070225

Review By	yogesh	Review On	7/2/2025 10:58:10 AM
Supervise By		Supervise On	
SubDirectory	PP070225	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP073465.D	02 Jul 2025 19:20		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073466.D	02 Jul 2025 19:36		YPIAJ	Ok
21	I.BLK	I.BLK	PP073467.D	02 Jul 2025 19:53		YPIAJ	Ok
22	Q2484-01	TP-58	PP073468.D	02 Jul 2025 20:09		YPIAJ	Ok,NS
23	Q2484-02	TP-57	PP073469.D	02 Jul 2025 20:26		YPIAJ	Ok,NS
24	Q2484-03	TP-64	PP073470.D	02 Jul 2025 20:42		YPIAJ	Ok
25	Q2484-04	TP-107	PP073471.D	02 Jul 2025 20:58		YPIAJ	Ok
26	Q2484-05	TP-1006	PP073472.D	02 Jul 2025 21:15		YPIAJ	Ok
27	Q2484-06	TP-104	PP073473.D	02 Jul 2025 21:31		YPIAJ	Ok
28	Q2458-10	FB-06272025	PP073474.D	02 Jul 2025 21:47		YPIAJ	Ok
29	Q2477-01	50728	PP073475.D	02 Jul 2025 22:04		YPIAJ	Ok,NS
30	Q2481-01	CC0627-AL	PP073476.D	02 Jul 2025 22:20		YPIAJ	Ok,NS
31	Q2481-04	CC0627-AOXL	PP073477.D	02 Jul 2025 22:36		YPIAJ	Ok,NS
32	AR1660CCC500	AR1660CCC500	PP073478.D	02 Jul 2025 23:58		YPIAJ	Ok,NS
33	AR1242CCC500	AR1242CCC500	PP073479.D	03 Jul 2025 00:15	failing low in 1st column	YPIAJ	Not Ok
34	AR1248CCC500	AR1248CCC500	PP073480.D	03 Jul 2025 00:31		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073481.D	03 Jul 2025 00:47	failing low in 1st column	YPIAJ	Not Ok
36	I.BLK	I.BLK	PP073482.D	03 Jul 2025 01:04		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 06/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136327

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2451-01	Y2310-0409-1-1	1	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-02	Y2310-0409-1-2	2	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-03	Y2307-0279-1-1	3	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-04	Y2307-0279-1-2	4	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-05	KQA080Z-1-1	5	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-06	KQA080Z-1-2	6	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-07	HIA-925Q-1-1	7	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-08	HIA-925Q-1-2	8	1.00	1.00	2.00	2.00	100.0	PILC
Q2458-01	TP-76	9	1.15	10.84	11.99	10.97	90.6	
Q2458-02	TP-55	10	1.18	10.49	11.67	10.77	91.4	
Q2458-03	TP-68	11	1.18	10.68	11.86	11.04	92.3	
Q2458-04	TP-67	12	1.19	10.16	11.35	10.3	89.7	
Q2458-05	TP-66	13	1.19	10.18	11.37	10.18	88.3	
Q2458-06	TP-60	14	1.15	10.83	11.98	11.17	92.5	
Q2458-07	TP-62	15	1.15	10.84	11.99	11.02	91.1	
Q2458-08	TP-63	16	1.19	10.82	12.01	10.54	86.4	
Q2458-09	TP-59	17	1.15	10.70	11.85	9.35	76.6	
Q2459-01	TP-1	18	1.19	10.74	11.93	10.66	88.2	
Q2459-02	TP-1-EPH	19	1.15	10.88	12.03	10.8	88.7	
Q2459-03	TP-1-VOC	20	1.16	10.83	11.99	10.9	89.9	
Q2459-04	TP-1	21	1.19	10.74	11.93	10.66	88.2	
Q2462-02	60425-A	22	1.15	10.31	11.46	9.96	85.5	
Q2462-03	60425-B	23	1.14	10.66	11.8	7.91	63.5	
Q2462-04	60425-AB	24	1.19	10.57	11.76	9.66	80.1	
Q2462-05	50725	25	1.00	1.00	2.00	2.00	100.0	debris
Q2462-06	61625-A	26	1.12	10.70	11.82	9.5	78.3	
Q2462-07	61625-B	27	1.18	10.37	11.55	8.29	68.6	
Q2462-08	61625-C	28	1.19	10.65	11.84	9.11	74.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 06/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136327

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2462-09	61625-ABC	29	1.19	10.56	11.75	9.26	76.4	
Q2462-10	62725	30	1.00	1.00	2.00	2.00	100.0	debris
Q2464-01	OR-3-063025	31	1.12	10.76	11.88	11.57	97.1	
Q2464-02	OR-3-063025-E2	32	1.18	10.50	11.68	11.3	96.4	
Q2466-01	61825	33	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2466-02	62625	34	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2467-01	1A-1B-1C-Fire Stopher Caulk-Red	35	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2469-01	WC-1	36	1.15	10.13	11.28	9.8	85.4	
Q2469-02	WC-1-EPH	37	1.19	10.36	11.55	10.14	86.4	
Q2469-03	WC-1-VOC	38	1.15	10.84	11.99	10.74	88.5	
Q2469-04	WC-1	39	1.15	10.13	11.28	9.8	85.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136327

WorkList Name : %1-063025

WorkList ID : 190450

Department : Wet-Chemistry

Date : 06-30-2025 08:06:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2451-01	Y2310-0409-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-02	Y2310-0409-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-03	Y2307-0279-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-04	Y2307-0279-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-05	KQA08OZ-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-06	KQA08OZ-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-07	HIA-925Q-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-08	HIA-925Q-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2458-01	TP-76	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2458-02	TP-55	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-03	TP-68	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-04	TP-67	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-05	TP-66	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-06	TP-60	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-07	TP-62	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-08	TP-63	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-09	TP-59	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2459-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-04	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO

Date/Time 06/30/25 16:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 06/30/25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

130327

WorkList Name : %1-063025 WorkList ID : 190450 Department : Wet-Chemistry Date : 06-30-2025 08:06:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2462-02	60425-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-03	60425-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-04	60425-AB	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-05	50725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-06	61625-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-07	61625-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-08	61625-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-09	60425-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-10	62725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2464-01	OR-3-063025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A21	06/30/2025	Chemtech -SO
Q2464-02	OR-3-063025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A21	06/30/2025	Chemtech -SO
Q2466-01	61825	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/30/2025	Chemtech -SO
Q2466-02	62625	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/30/2025	Chemtech -SO
Q2467-01	1A-1B-1C-Fire Stopper Caulk-R	Solid	Percent Solids	Cool 4 deg C	ATCE02	A61	06/26/2025	Chemtech -SO
Q2469-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO

06/30/25 16:00

Date/Time 06/30/25 17:30
 Raw Sample Received by: SP CSM
 Raw Sample Relinquished by: SP CSM

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 07/01/2025

Matrix : Solid

Extraction Start Time : 08:30

Wegh By: EH

Extraction By: RJ

Extraction End Date : 07/01/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:40

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
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	EP2613
Baked Na2SO4	N/A	EP2624
Sand	N/A	E2865
Hexane	N/A	E3947
H2SO4 1:1	N/A	EP2610
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:

40ML Vial Lot # 03-40BTS723, Q2462-05,10 used Ltd. volume as samples are oily debris.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/1/25	RS (Ext Lab)	Y-P-Pest/PCB
11:45	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/01/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168671BL	ABLK671	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168671BS	ALCS671	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2458-01	TP-76	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2458-02	TP-55	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q2458-02MS	TP-55MS	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q2458-02MS D	TP-55MSD	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2458-03	TP-68	PCB	30.01	N/A	ritesh	Evelyn	10	E		U2-1
Q2458-04	TP-67	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2458-05	TP-66	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q2458-06	TP-60	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q2458-07	TP-62	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q2458-08	TP-63	PCB	30.08	N/A	ritesh	Evelyn	10	E		6
Q2458-09	TP-59	PCB	30.03	N/A	ritesh	Evelyn	10	E		U3-1
Q2459-01	TP-1	PCB	30.01	N/A	ritesh	Evelyn	10	D		2
Q2462-04	60425-AB	PCB	30.04	N/A	ritesh	Evelyn	10	B	Small Partical	3
Q2462-05	50725	PCB	5.06	N/A	ritesh	Evelyn	10	B	Oily Debris	4
Q2462-09	60425-ABC	PCB	30.05	N/A	ritesh	Evelyn	10	B		5
Q2462-10	62725	PCB	5.03	N/A	ritesh	Evelyn	10	B	Oily Debris	6
Q2464-01	OR-3-063025	PCB	30.09	N/A	ritesh	Evelyn	10	E		U6-1
Q2469-01	WC-1	PCB	30.07	N/A	ritesh	Evelyn	10	D		2

RS
07/01

16671
08:30

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2462 WorkList ID : 190470 Department : Extraction Date : 07-01-2025 08:25:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2458-01	TP-76	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2458-02	TP-55	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2458-03	TP-68	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-04	TP-67	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-05	TP-66	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-06	TP-60	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-07	TP-62	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-08	TP-63	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2458-09	TP-59	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2459-01	TP-1	Solid	PCB	Cool 4 deg C	PSEG03	A51	06/28/2025	8082A
Q2462-04	60425-AB	Solid	PCB	Cool 4 deg C	PSEG03	A12	06/30/2025	8082A
Q2462-05	50725	Solid	PCB	Cool 4 deg C	PSEG03	A12	06/30/2025	8082A
Q2462-09	60425-ABC	Solid	PCB	Cool 4 deg C	PSEG03	A12	06/30/2025	8082A
Q2462-10	62725	Solid	PCB	Cool 4 deg C	PSEG03	A12	06/30/2025	8082A
Q2464-01	OR-3-063025	Solid	PCB	Cool 4 deg C	PSEG05	A21	06/30/2025	8082A
Q2469-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03	A61	06/30/2025	8082A

Date/Time 07/01/25 8:25
Raw Sample Received by: RJS LEFL-146J
Raw Sample Relinquished by: QP SM

Date/Time 07/01/25 8:50
Raw Sample Received by: QP SM
Raw Sample Relinquished by: RJS LEFL-146J

SOP ID: M3510C,3580A-Extraction PCB-15

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 07/02/2025

Matrix : Water

Extraction Start Time : 12:10

Weigh By: N/A

Extraction By: RS

Extraction End Date : 07/02/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 16:40

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,5,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
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	E3943
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3947
H2SO4 1:1	N/A	EP2610
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# 03-40BTS723, Q2462-01, Q2465-04 used Limited volume as samples are oily & Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples. Q2463, Q2481-03,05,09,10 adjusted pH with acid & Q2481-01,04 adjusted pH with base.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/2/25	RS (B4 Lab)	RS Post-PCBLab
16:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction PCB-15

Concentration Date: 07/02/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168704BL	ABLK704	PCB	1000	6	RUPESH	Evelyn	10			SEP-1
PB168704BS	ALCS704	PCB	1000	6	RUPESH	Evelyn	10			2
PB168704BS D	ALCSD704	PCB	1000	6	RUPESH	Evelyn	10			3
Q2458-10	FB-06272025	PCB	950	6	RUPESH	Evelyn	10	G		4
Q2462-01	40425	PCB	100	6	RUPESH	Evelyn	10	B	Oily	5
Q2463-01	TW-WTS-11	PCB	990	12	RUPESH	Evelyn	10	F		6
Q2465-04	62025-ABC	PCB	100	6	RUPESH	Evelyn	10	B	Oily	7
Q2477-01	50728	PCB	990	6	RUPESH	Evelyn	10	C	Chemical Treated	8
Q2481-01	CC0627-AL	PCB	100	0	RUPESH	Evelyn	10		Chemical Treated	9
Q2481-02	CC0627-CLOXPL	PCB	50	5	RUPESH	Evelyn	10		Chemical Treated	10
Q2481-03	CC0625-OXBL	PCB	100	14	RUPESH	Evelyn	10		Chemical Treated	11
Q2481-04	CC0627-AOXL	PCB	100	0	RUPESH	Evelyn	10		Chemical Treated	12
Q2481-05	CC0625-NL	PCB	100	12	RUPESH	Evelyn	10		Chemical Treated	13
Q2481-06	CC0267-OXPL	PCB	50	6	RUPESH	Evelyn	10		Chemical Treated	14
Q2481-07	CC0627-OXL	PCB	50	6	RUPESH	Evelyn	10		Chemical Treated	15
Q2481-08	CC0627-CLOXAL	PCB	100	5	RUPESH	Evelyn	10		Chemical Treated	16
Q2481-09	CC0627-BL	PCB	100	14	RUPESH	Evelyn	10		Chemical Treated	SEP-1
Q2481-10	CC0627-SFBL	PCB	100	14	RUPESH	Evelyn	10		Chemical Treated	2

168744
12:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2481 WorkList ID : 190511 Department : Extraction Date : 07-02-2025 12:03:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2458-10	FB-06272025	Water	PCB	Cool 4 deg C	CAMP02	D51	06/27/2025	8082A
Q2462-01	40425	Water	PCB	Cool 4 deg C	PSEG03	A12	06/30/2025	8082A
Q2463-01	TW-WTS-11	Water	PCB	Cool 4 deg C	ENTA05	A53	06/27/2025	8082A
Q2465-04	62025-ABC	Water	PCB	Cool 4 deg C	PSEG03	A42	06/30/2025	8082A
Q2477-01	50728	Water	PCB	Cool 4 deg C	PSEG03	A53	07/01/2025	8082A
Q2481-01	CC0627-AL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-02	CC0627-CLOXPL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-03	CC0625-0XBL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-04	CC0627-AOXL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-05	CC0625-NL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-06	CC0267-0XPL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-07	CC0627-0XL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-08	CC0627-CLOXAL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-09	CC0627-BL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A
Q2481-10	CC0627-SFBL	Water	PCB	Cool 4 deg C	ENV160	A13	06/27/2025	8082A

Date/Time 7/2/25 12:05
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: L-C (you)

Date/Time 7/2/25 13:00
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: RS (Ext Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **CDM SMITH**
ADDRESS: **110 FIELDCREST AVE #8 6TH FLOOR**
CITY: **EDISON** STATE: **NJ** ZIP: **08837**
ATTENTION: **MARCIE ENCINAS**
PHONE: **7325904679** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **SOUTH RIVER WM REPLACEMENT**
PROJECT NO.: **302781** LOCATION: **SOUTH RIVER, NJ**
PROJECT MANAGER: **MARCIE ENCINAS**
e-mail: **ENCINASMA@CDMSMITH.COM**
PHONE: **7325904679** FAX:

CLIENT BILLING INFORMATION

BILL TO: **CDM SMITH** PO#:
ADDRESS: **110 FIELDCREST AVE #8 6TH FLOOR**
CITY: **EDISON** STATE: **NJ** ZIP: **08837**
ATTENTION: **MARCIE ENCINAS** PHONE: **7325904679**

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

TCL VOC
TCL NVOC
PCB'S
TAL METALS
PESTICIDES
HERBICIDES
DRO/GRO

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	TP-70	S		X	6/26/25	1115	6	X	X	X	X	X	X	X			E	
2.	TP-65	S		X	6/26/25	1200	6	X	X	X	X	X	X	X			E	
3.	TP-68	S		X	6/27/25	0745	6	X	X	X	X	X	X	X			E	
4.	TP-67	S		X	6/27/25	0805	6	X	X	X	X	X	X	X			E	
5.	TP-66	S		X	6/27/25	0835	6	X	X	X	X	X	X	X			E	
6.	TP-60	S		X	6/27/25	0910	6	X	X	X	X	X	X	X			E	
7.	TP-62	S		X	6/27/25	1005	6	X	X	X	X	X	X	X			E	
8.	TP-63	S		X	6/27/25	1055	6	X	X	X	X	X	X	X			E	
9.	TP-54	S		X	6/27/25	1205	6	X	X	X	X	X	X	X			E	
10.	FB-06272025	BAR		X	6/27/25	1300	9	X	X	X	X	X	X	X			E, A, B	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. <i>[Signature]</i>	6/27/25/1600	<i>[Signature]</i> 1600	Comments: _____
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. _____	_____	_____	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <i>[Signature]</i>	6-27-25	_____	

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

From: Encinas, Marcie (Puskarik) <encinasma@cdmsmith.com>
Sent: Monday, June 30, 2025 12:44 PM
Subject: FW: sample id and sample not mentioned on COC

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Thank you for reaching out - Please see below.

Would it be possible to also have excel results emailed with results compared to the current NJDEP SRS?

Marcie

From: Deepak Parmar <Deepak.Parmar@alliancetg.com>
Sent: Monday, June 30, 2025 10:24 AM
To: Encinas, Marcie (Puskarik) <encinasma@cdmsmith.com>
Cc: Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: sample id and sample not mentioned on COC

You don't often get email from deepak.parmar@alliancetg.com. [Learn why this is important](#)

Good morning,

Samples received with 6/27/2025 shipment has below discrepancies

issue 1# sample (2) TP-65 mentioned on COC, however sample received as TP-55 let us know which sample ID to use ? **TP-55 is the correct label for the samples.**

Issue2# Lab receives two TB water samples but not mentioned on COC. Lab would like to know how to proceed with analysis ? **I believe those are temperature blanks, which do not require analysis. We are only analyzing trip blanks if the same also includes aqueous samples.**

Thanks & Regards,

Deepak Parmar
QA/QC
An Alliance Technical Group Company
Main: 908-789-8900

Address: 284 Sheffield St, Ste 1,
Mountainside, NJ 07092



Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2458 CAMP02

Order Date : 6/27/2025 4:22:00 PM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 2 *all*

Client Contact : Marcie Ann Encinas

Receive DateTime : 6/27/2025 ~~12:00:00 AM~~ *10:55 PM* *all*

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2458-01	TP-76	Solid	06/26/2025	11:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-02	TP- 65 <i>55 all</i>	Solid	06/26/2025	12:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-03	TP-68	Solid	06/27/2025	07: <i>45</i>					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-04	TP-67	Solid	06/27/2025	08:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-05	TP-66	Solid	06/27/2025	08:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-06	TP-60	Solid	06/27/2025	09:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-07	TP-62	Solid	06/27/2025	10:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2458-08	TP-63	Solid	06/27/2025	10:55					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2458	CAMP02	Order Date : 6/27/2025 4:22:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 2 <i>add</i>
Client Contact : Marcie Ann Encinas		Receive DateTime : 6/27/2025 12:00:00 AM <i>16:55 PM</i>	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2458-09	TP-59	Solid	06/27/2025	12:05	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2458-10	FB-06272025	Water	06/27/2025	13:00	VOC-TCLVOA-10		8260D	10 Bus. Days	
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By : *[Signature]*

Date / Time : 6/30/25 0900

Received By : *[Signature]*

Date / Time : 6/30/25 9:00

Storage Area : VOA Refridgerator Room

SAMPLES RECEIVED ON 6/27/25 @ 1655
SAMPLES PLACED IN SM-REF-2

Ref #6
#2-2
Ref #4