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Cover Page

Order ID : Q2529

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2529-01	TP-91
Q2529-02	TP-80
Q2529-03	TP-79
Q2529-04	TP-95
Q2529-05	TP-98
Q2529-06	TP-102
Q2529-07	TP-101
Q2529-08	TP-89
Q2529-09	TP-33
Q2529-10	TP-30

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: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: South River WM Replacement
Project # N/A
Order ID # Q2529
Test Name: PCB

A. Number of Samples and Date of Receipt:
10 Solid samples were received on 07/08/2025.

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

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
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 analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID PP073640.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column, however it is passed in 2nd column therefore no corrective action was taken.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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

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Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2529**

	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: **MAHESH PATEL** **Date:** **07/17/2025**

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LAB CHRONICLE

OrderID:	Q2529	**OrderDate:**	7/8/2025 3:36:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2529-01	**TP-91**	**SOIL**			**07/03/25**			**07/08/25**
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-02	**TP-80**	**SOIL**			**07/07/25**			**07/08/25**
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-03	**TP-79**	**SOIL**			**07/07/25**			**07/08/25**
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-04	**TP-95**	**SOIL**			**07/07/25**			**07/08/25**
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-05	**TP-98**	**SOIL**			**07/07/25**			**07/08/25**
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-06	**TP-102**	**SOIL**			**07/07/25**			**07/08/25**
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	
Q2529-07	**TP-101**	**SOIL**			**07/07/25**			**07/08/25**
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/09/25	07/09/25	
			Pesticide-TCL	8081B		07/09/25	07/09/25	

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LAB CHRONICLE

Q2529-08	**TP-89**	**SOIL**			**07/08/25**		**07/08/25**
			PCB	8082A	07/09/25	07/09/25	
			Pesticide-TCL	8081B	07/09/25	07/09/25	
Q2529-09	**TP-33**	**SOIL**			**07/08/25**		**07/08/25**
			PCB	8082A	07/09/25	07/09/25	
			Pesticide-TCL	8081B	07/09/25	07/09/25	
Q2529-10	**TP-30**	**SOIL**			**07/08/25**		**07/08/25**
			Gasoline Range Organics	8015D		07/10/25	
			PCB	8082A	07/09/25	07/09/25	
			Pesticide-TCL	8081B	07/09/25	07/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2529 **Order ID:** Q2529

Client: CDM Smith **Project ID:** South River WM Replacement

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC
SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2529

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112087.D	PIBLK-PO112087.D	Tetrachloro-m-xyl	1	20	19.4	97		60	140
		Decachlorobiphen	1	20	18.8	94		60	140
		Tetrachloro-m-xyl	2	20	20.0	100		60	140
		Decachlorobiphen	2	20	19.3	97		60	140
I.BLK-PO112139.D	PIBLK-PO112139.D	Tetrachloro-m-xyl	1	20	17.9	89		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.6	88		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
Q2529-01	TP-91	Tetrachloro-m-xyl	1	20	17.9	89		32	144
		Decachlorobiphen	1	20	13.7	68		32	175
		Tetrachloro-m-xyl	2	20	17.3	87		32	144
		Decachlorobiphen	2	20	13.5	68		32	175
Q2529-02	TP-80	Tetrachloro-m-xyl	1	20	18.7	94		32	144
		Decachlorobiphen	1	20	15.5	78		32	175
		Tetrachloro-m-xyl	2	20	18.3	91		32	144
		Decachlorobiphen	2	20	15.6	78		32	175
Q2529-03	TP-79	Tetrachloro-m-xyl	1	20	19.0	95		32	144
		Decachlorobiphen	1	20	16.1	81		32	175
		Tetrachloro-m-xyl	2	20	18.7	93		32	144
		Decachlorobiphen	2	20	16.1	81		32	175
Q2529-04	TP-95	Tetrachloro-m-xyl	1	20	18.7	93		32	144
		Decachlorobiphen	1	20	12.8	64		32	175
		Tetrachloro-m-xyl	2	20	18.4	92		32	144
		Decachlorobiphen	2	20	12.8	64		32	175
Q2529-05	TP-98	Tetrachloro-m-xyl	1	20	21.5	108		32	144
		Decachlorobiphen	1	20	17.1	86		32	175
		Tetrachloro-m-xyl	2	20	21.0	105		32	144
		Decachlorobiphen	2	20	16.9	84		32	175
Q2529-06	TP-102	Tetrachloro-m-xyl	1	20	19.4	97		32	144
		Decachlorobiphen	1	20	13.8	69		32	175
		Tetrachloro-m-xyl	2	20	18.8	94		32	144
		Decachlorobiphen	2	20	16.0	80		32	175
Q2529-07	TP-101	Tetrachloro-m-xyl	1	20	19.7	99		32	144
		Decachlorobiphen	1	20	13.8	69		32	175
		Tetrachloro-m-xyl	2	20	18.9	95		32	144
		Decachlorobiphen	2	20	15.4	77		32	175
I.BLK-PO112154.D	PIBLK-PO112154.D	Tetrachloro-m-xyl	1	20	20.1	100		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	19.6	98		60	140
		Decachlorobiphen	2	20	20.1	101		60	140
Q2529-08	TP-89	Tetrachloro-m-xyl	1	20	17.0	85		32	144

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Surrogate Summary

SDG No.: Q2529

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2529-08	TP-89	Decachlorobiphen	1	20	16.2	81		32	175
		Tetrachloro-m-xyl	2	20	16.6	83		32	144
		Decachlorobiphen	2	20	16.1	81		32	175
Q2529-09	TP-33	Tetrachloro-m-xyl	1	20	18.5	92		32	144
		Decachlorobiphen	1	20	19.2	96		32	175
		Tetrachloro-m-xyl	2	20	17.9	89		32	144
		Decachlorobiphen	2	20	19.0	95		32	175
Q2529-10	TP-30	Tetrachloro-m-xyl	1	20	18.7	94		32	144
		Decachlorobiphen	1	20	19.0	95		32	175
		Tetrachloro-m-xyl	2	20	18.2	91		32	144
		Decachlorobiphen	2	20	18.6	93		32	175
I.BLK-PO112169.D	PIBLK-PO112169.D	Tetrachloro-m-xyl	1	20	22.1	110		60	140
		Decachlorobiphen	1	20	20.3	102		60	140
		Tetrachloro-m-xyl	2	20	21.3	106		60	140
		Decachlorobiphen	2	20	20.2	101		60	140
I.BLK-PP073553.D	PIBLK-PP073553.D	Tetrachloro-m-xyl	1	20	16.2	81		60	140
		Decachlorobiphen	1	20	17.3	87		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.1	85		60	140
I.BLK-PP073644.D	PIBLK-PP073644.D	Tetrachloro-m-xyl	1	20	18.3	92		60	140
		Decachlorobiphen	1	20	17.7	89		60	140
		Tetrachloro-m-xyl	2	20	18.5	93		60	140
		Decachlorobiphen	2	20	19.7	99		60	140
PB168764BL	PB168764BL	Tetrachloro-m-xyl	1	20	18.1	91		32	144
		Decachlorobiphen	1	20	18.1	90		32	175
		Tetrachloro-m-xyl	2	20	18.5	92		32	144
		Decachlorobiphen	2	20	19.8	99		32	175
PB168764BS	PB168764BS	Tetrachloro-m-xyl	1	20	18.6	93		32	144
		Decachlorobiphen	1	20	18.2	91		32	175
		Tetrachloro-m-xyl	2	20	17.4	87		32	144
		Decachlorobiphen	2	20	20.7	104		32	175
Q2517-01MS	TP-14MS	Tetrachloro-m-xyl	1	20	21.5	107		32	144
		Decachlorobiphen	1	20	20.6	103		32	175
		Tetrachloro-m-xyl	2	20	20.5	102		32	144
		Decachlorobiphen	2	20	22.6	113		32	175
Q2517-01MSD	TP-14MSD	Tetrachloro-m-xyl	1	20	21.3	106		32	144
		Decachlorobiphen	1	20	19.9	100		32	175
		Tetrachloro-m-xyl	2	20	20.7	104		32	144
		Decachlorobiphen	2	20	22.9	115		32	175
I.BLK-PP073659.D	PIBLK-PP073659.D	Tetrachloro-m-xyl	1	20	19.1	96		60	140
		Decachlorobiphen	1	20	19.0	95		60	140

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Surrogate Summary

SDG No.: Q2529

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP073659.D	PIBLK-PP073659.D	Tetrachloro-m-xyl	2	20	18.7	93		60	140
		Decachlorobiphen	2	20	20.9	104		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** 8082A

Client: CDM Smith **DataFile :** PP073648.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2517-01MS (Column 1)**	**Client Sample ID:**		**TP-14MS**								
	AR1016	189.4	0	172	ug/kg	91				55	146	
	AR1260	189.4	0	154	ug/kg	81				54	119	
Lab Sample ID:	**Q2517-01MS (Column 2)**	**Client Sample ID:**		**TP-14MS**								
	AR1016	189.4	0	180	ug/kg	95				55	146	
	AR1260	189.4	0	167	ug/kg	88				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** 8082A

Client: CDM Smith **DataFile :** PP073649.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2517-01MSD (Column 1)**	**Client Sample ID:**		**TP-14MSD**								
	AR1016	189.7	0	176	ug/kg	93		2		55	146	15
	AR1260	189.7	0	155	ug/kg	82		1		54	119	15
Lab Sample ID:	**Q2517-01MSD (Column 2)**	**Client Sample ID:**		**TP-14MSD**								
	AR1016	189.7	0	181	ug/kg	95		0		55	146	15
	AR1260	189.7	0	168	ug/kg	89		1		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** 8082A

Client: CDM Smith **Datafile :** PP073646.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168764BS (Column 1)	AR1016	166.6	151	ug/kg	91				71	120	
	AR1260	166.6	139	ug/kg	83				65	130	
PB168764BS (Column 2)	AR1016	166.6	155	ug/kg	93				71	120	
	AR1260	166.6	151	ug/kg	91				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168764BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q2529

Lab Sample ID: PB168764BL | Lab File ID: PP073645.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/09/2025

Date Analyzed (1): 07/09/2025 | Date Analyzed (2): 07/09/2025

Time Analyzed (1): 16:42 | Time Analyzed (2): 16:42

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
TP-91	Q2529-01	PO112143.D	07/09/2025	07/09/2025
TP-80	Q2529-02	PO112144.D	07/09/2025	07/09/2025
TP-79	Q2529-03	PO112145.D	07/09/2025	07/09/2025
TP-95	Q2529-04	PO112146.D	07/09/2025	07/09/2025
TP-98	Q2529-05	PO112147.D	07/09/2025	07/09/2025
TP-102	Q2529-06	PO112148.D	07/09/2025	07/09/2025
TP-101	Q2529-07	PO112149.D	07/09/2025	07/09/2025
TP-89	Q2529-08	PO112155.D	07/09/2025	07/09/2025
TP-33	Q2529-09	PO112156.D	07/09/2025	07/09/2025
TP-30	Q2529-10	PO112157.D	07/09/2025	07/09/2025
PB168764BS	PB168764BS	PP073646.D	07/09/2025	07/09/2025
TP-14MS	Q2517-01MS	PP073648.D	07/09/2025	07/09/2025
TP-14MSD	Q2517-01MSD	PP073649.D	07/09/2025	07/09/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PO112143.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-91	SDG No.:	Q2529
Lab Sample ID:	Q2529-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112143.D	1	07/09/25 08:20	07/09/25 18:17	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	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	3.50	U	3.50	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.7		32 - 175	68%	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\PO070925\
Data File : PO112143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:17
Operator : YP/AJ
Sample : Q2529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-91

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.666	176.6E6	110.5E6	17.846	17.337
2)	SA Decachlor...	8.700	8.649	93454841	23283140	13.669	13.510
	Target Compounds						

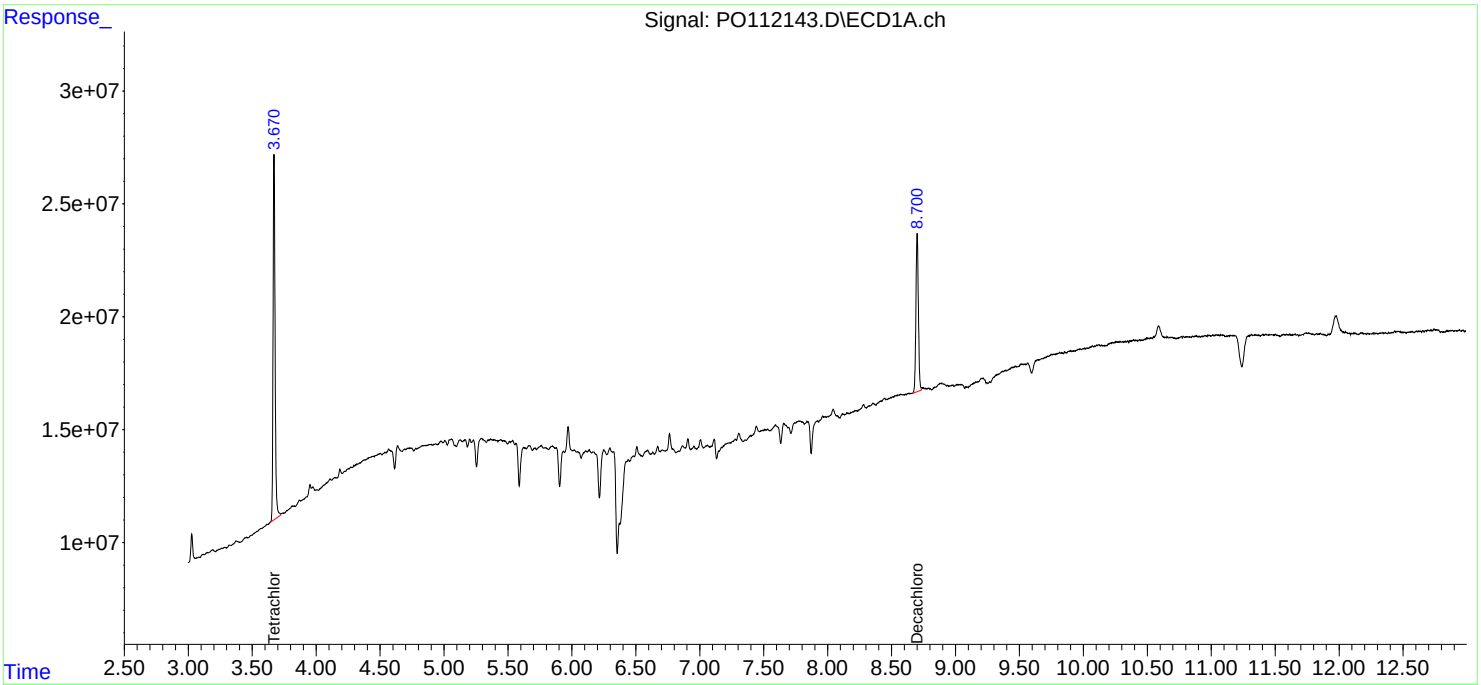
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

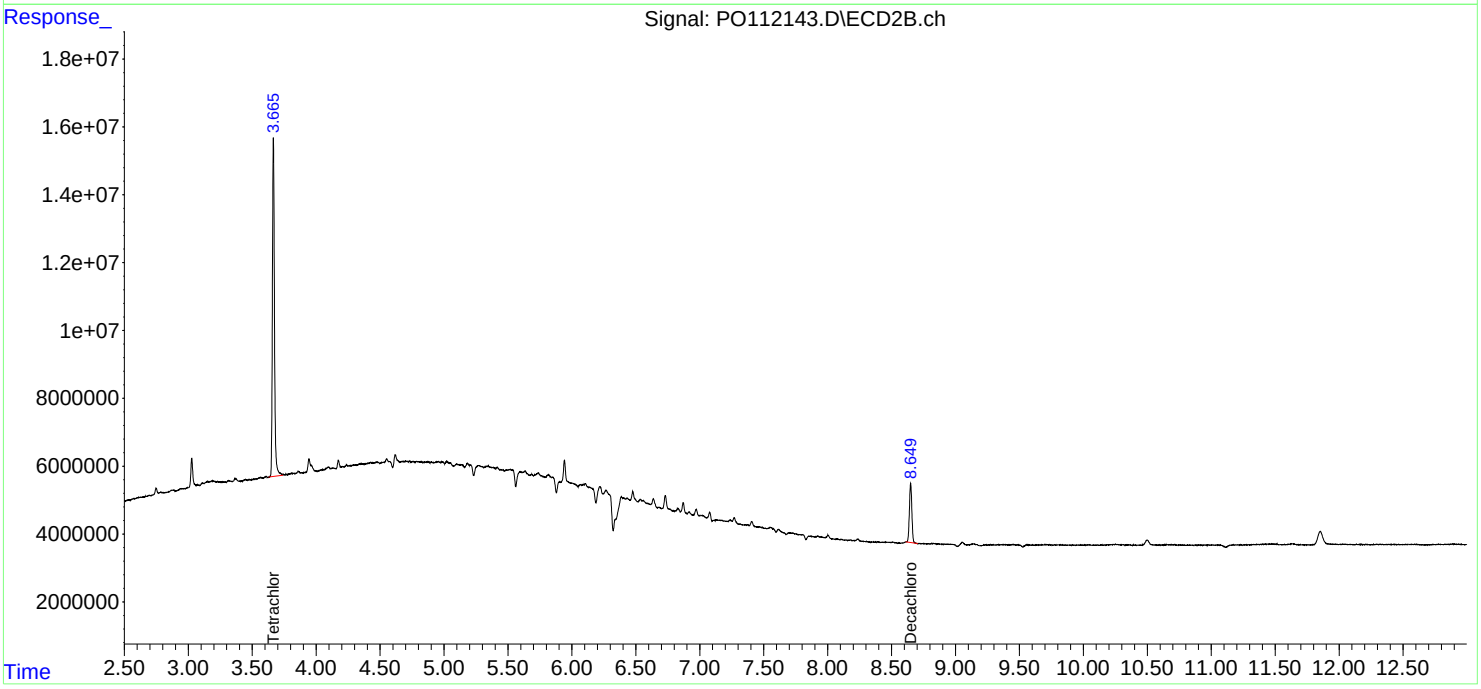
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:17
Operator : YP/AJ
Sample : Q2529-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

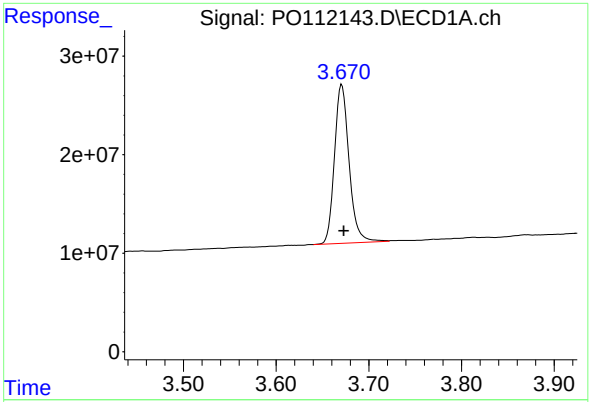
Instrument :
ECD_O
ClientSampleId :
TP-91

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



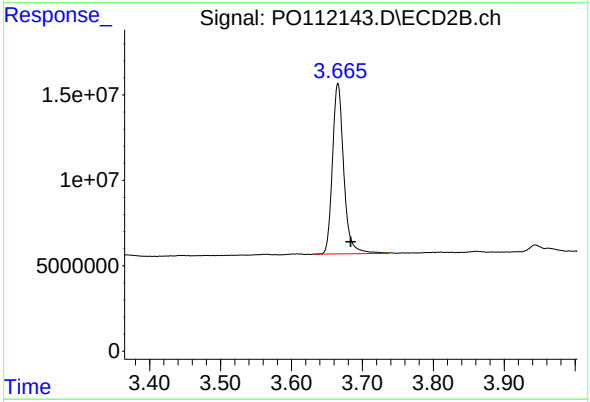




#1 Tetrachloro-m-xylene

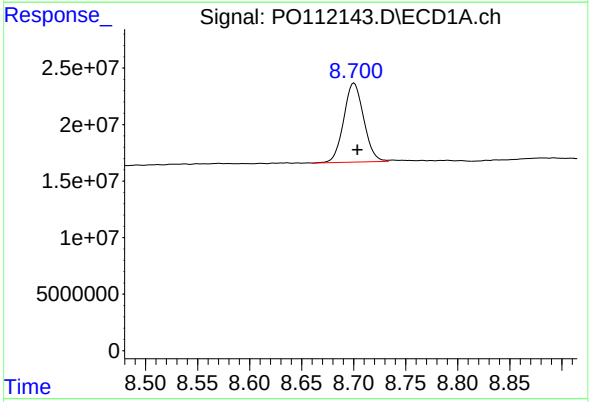
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 176583531
Conc: 17.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-91



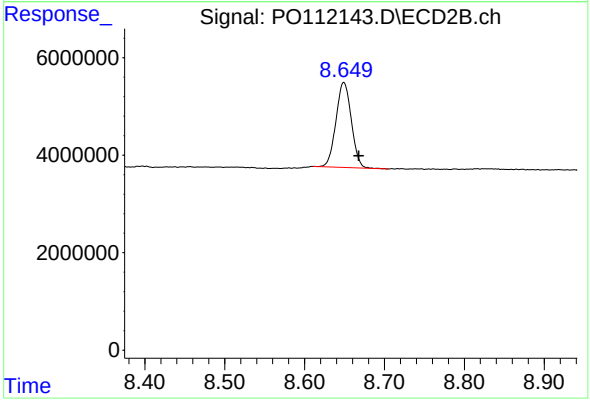
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 110454787
Conc: 17.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.003 min
Response: 93454841
Conc: 13.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 23283140
Conc: 13.51 ng/ml

Raw Data: **PO112144.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-80	SDG No.:	Q2529
Lab Sample ID:	Q2529-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.7 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112144.D	1	07/09/25 08:20	07/09/25 18:34	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	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	18.7		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		32 - 175	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

Sample Results: **PO112144.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:34
Operator : YP/AJ
Sample : Q2529-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-80

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:02:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.665	185.3E6	116.4E6	18.726	18.269
2)	SA Decachlor...	8.700	8.649	106.0E6	26860488	15.505	15.585
	Target Compounds						

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

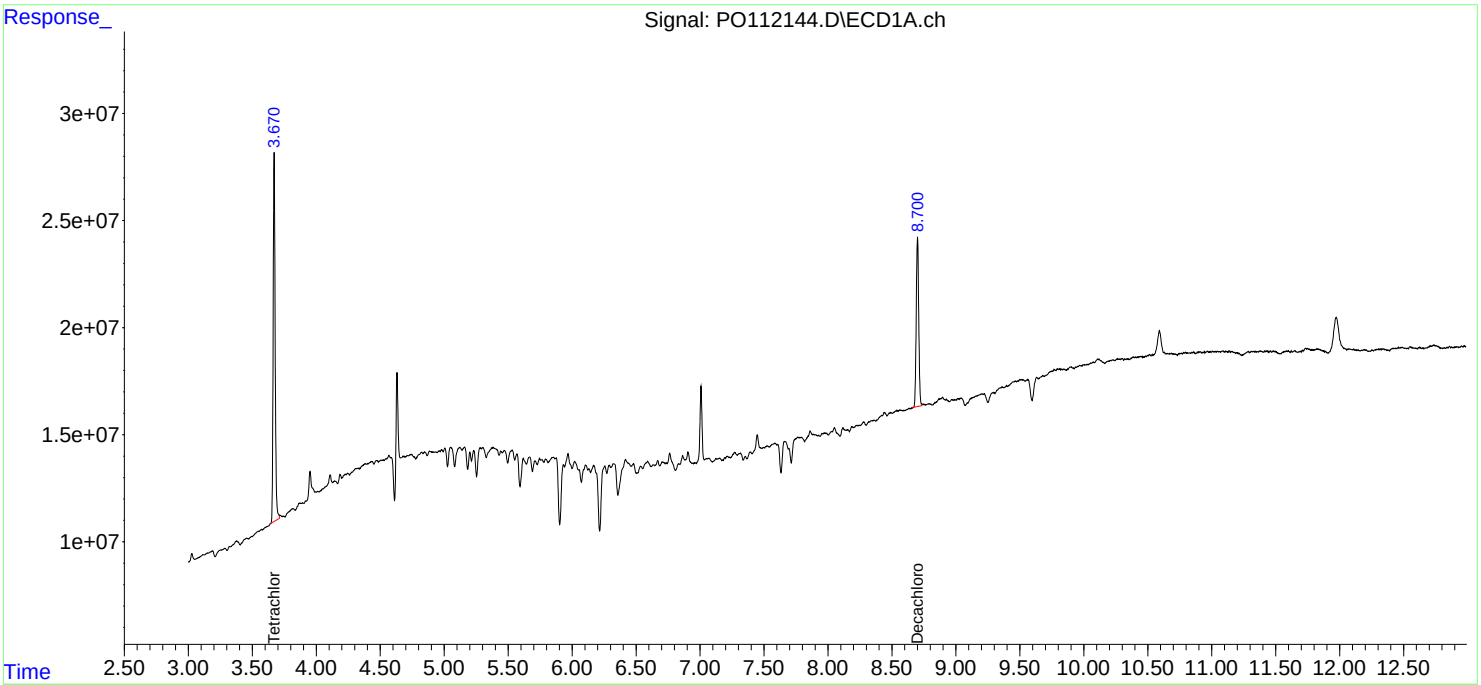
Sample Results: **PO112144.D**

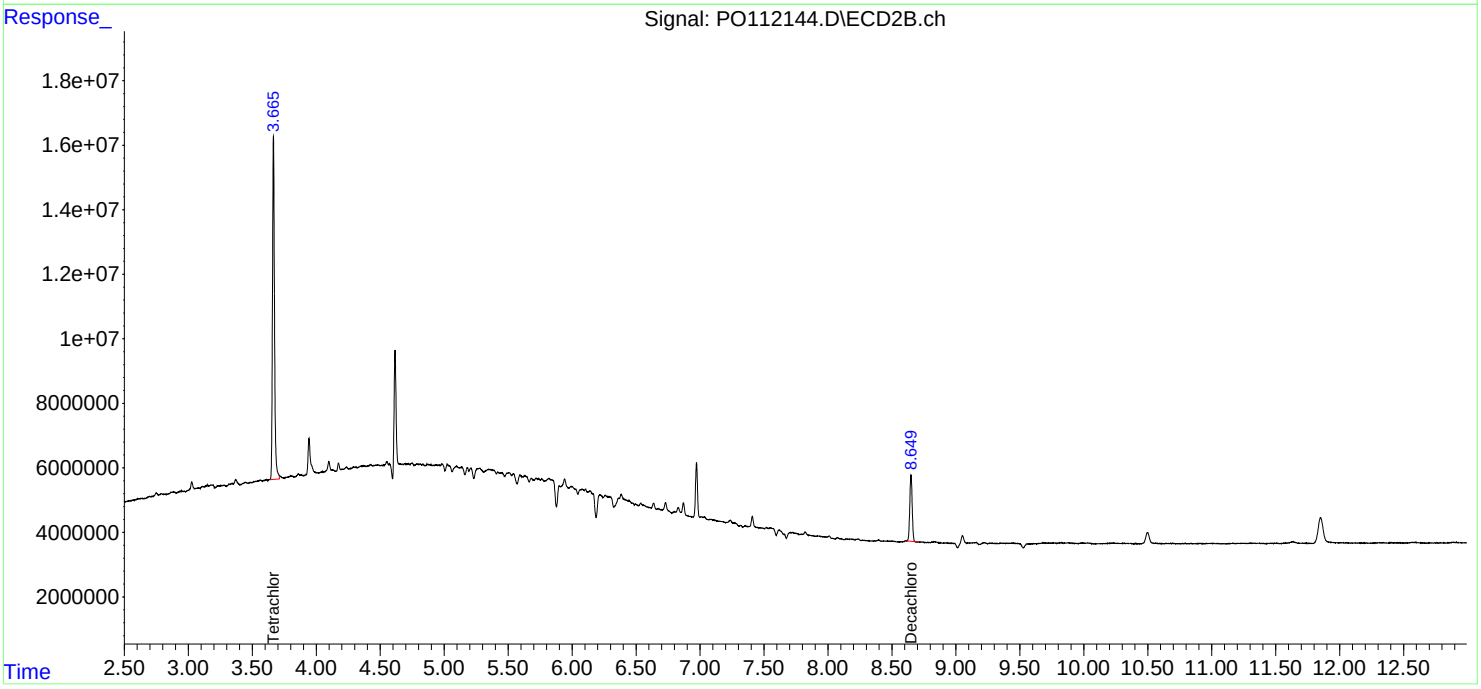
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:34
Operator : YP/AJ
Sample : Q2529-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

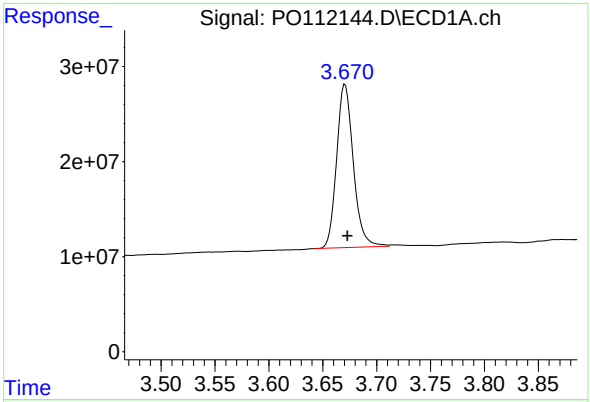
Instrument :
ECD_O
ClientSampleId :
TP-80

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:02:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



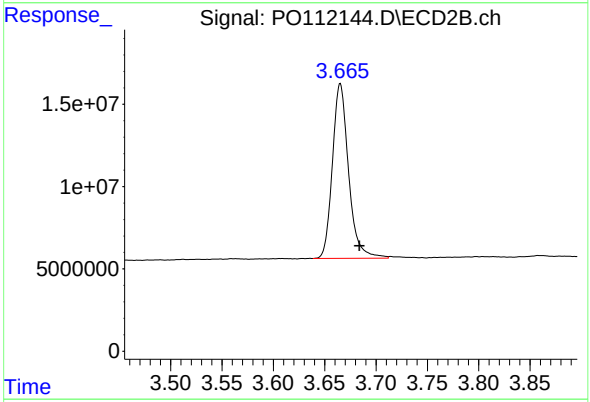




#1 Tetrachloro-m-xylene

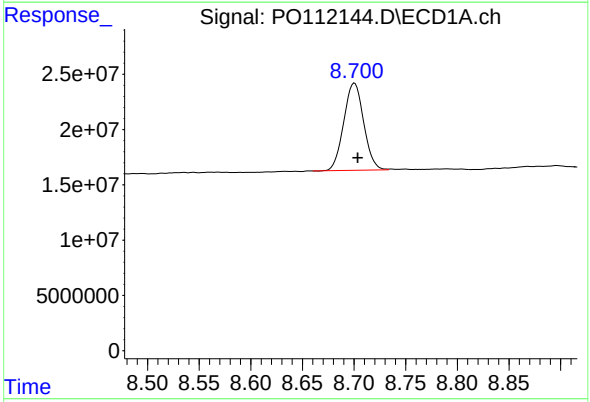
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 185289506
Conc: 18.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-80



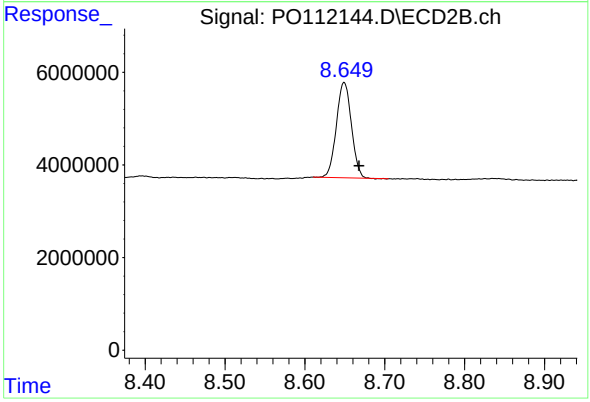
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.018 min
Response: 116395108
Conc: 18.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.003 min
Response: 106010589
Conc: 15.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 26860488
Conc: 15.59 ng/ml

Raw Data: **PO112145.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-79	SDG No.:	Q2529
Lab Sample ID:	Q2529-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112145.D	1	07/09/25 08:20	07/09/25 18:52	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	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	19.0		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		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

Sample Results: **PO112145.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:52
Operator : YP/AJ
Sample : Q2529-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-79

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:03:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.665	187.9E6	118.9E6	18.985	18.666
2)	SA Decachlor...	8.699	8.649	110.4E6	27815824	16.151	16.140
	Target Compounds						

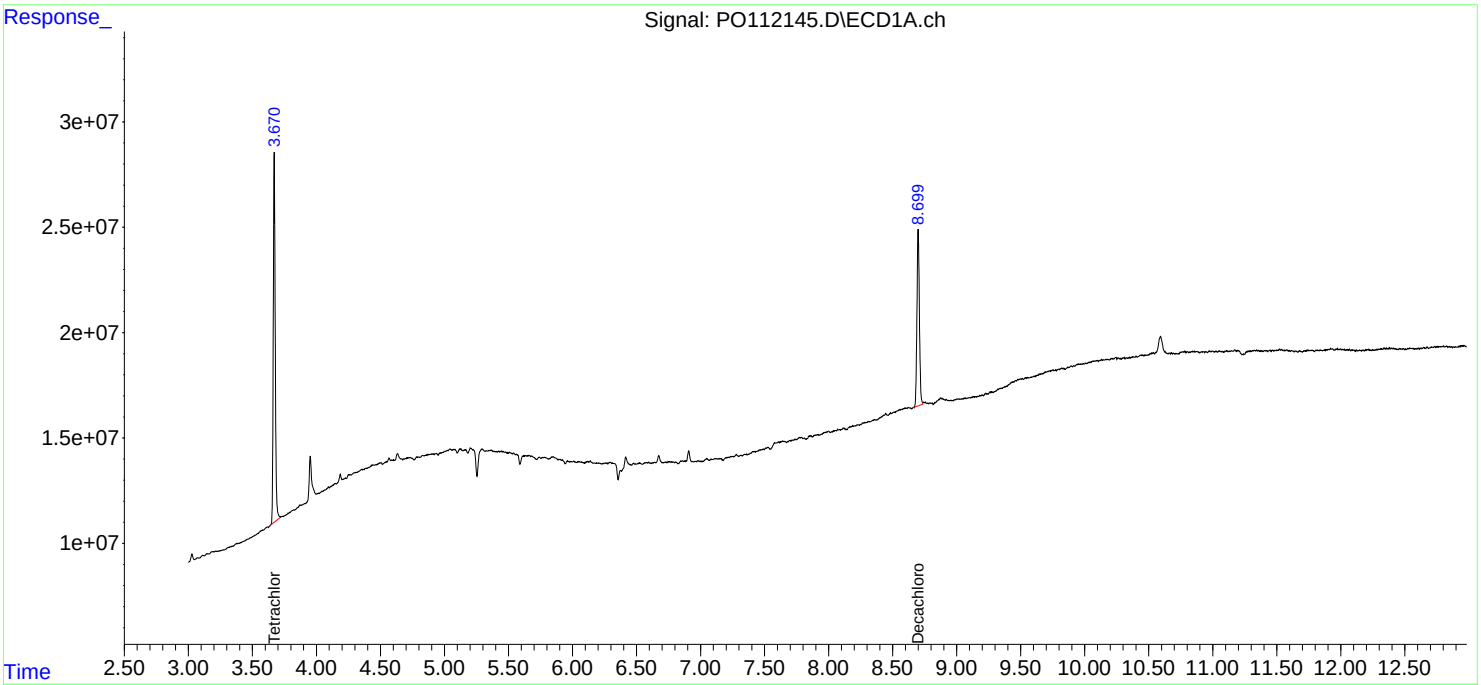
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

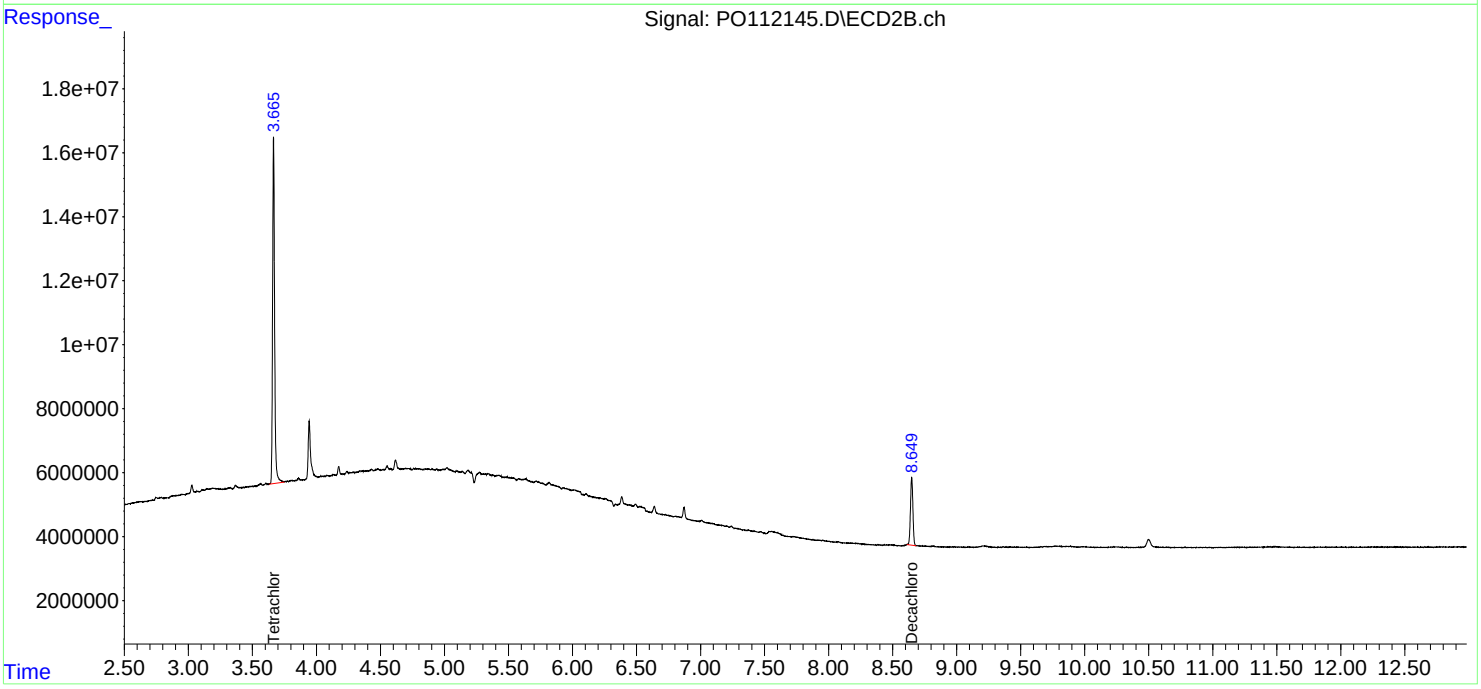
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 18:52
Operator : YP/AJ
Sample : Q2529-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

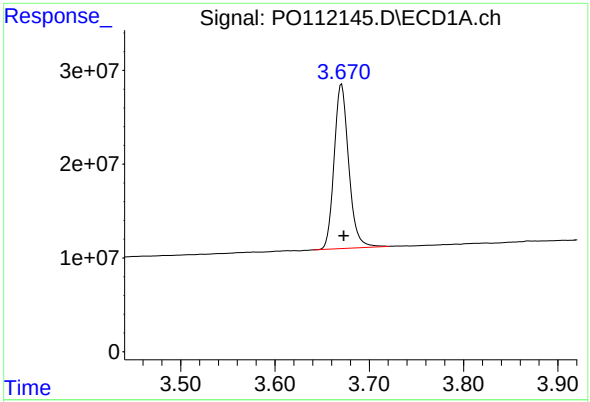
Instrument :
ECD_O
ClientSampleId :
TP-79

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:03:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



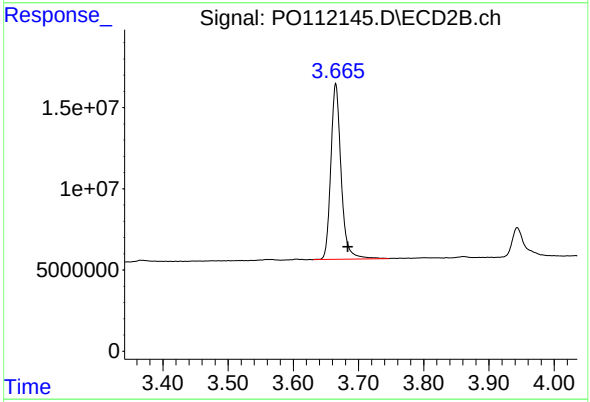




#1 Tetrachloro-m-xylene

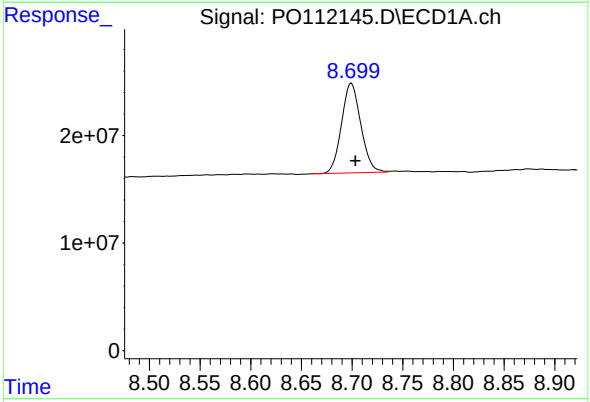
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 187853436
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-79



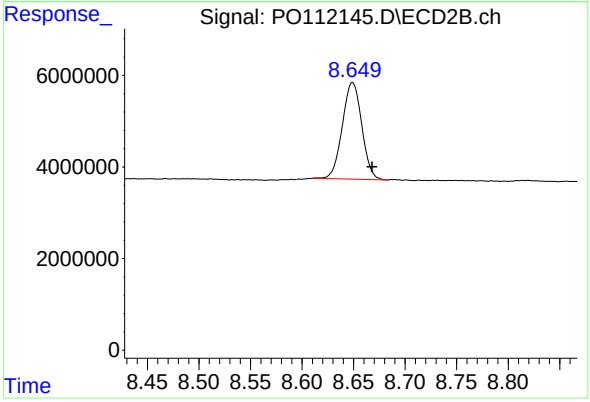
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 118921142
Conc: 18.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.004 min
Response: 110423520
Conc: 16.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 27815824
Conc: 16.14 ng/ml

Raw Data: **PO112146.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-95	SDG No.:	Q2529
Lab Sample ID:	Q2529-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112146.D	1	07/09/25 08:20	07/09/25 19:09	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		32 - 144	93%	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

Sample Results: **PO112146.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:09
Operator : YP/AJ
Sample : Q2529-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-95

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.666	184.9E6	116.9E6	18.690	18.349
2)	SA Decachlor...	8.700	8.648	87716304	22033228	12.830	12.784m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:09
Operator : YP/AJ
Sample : Q2529-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

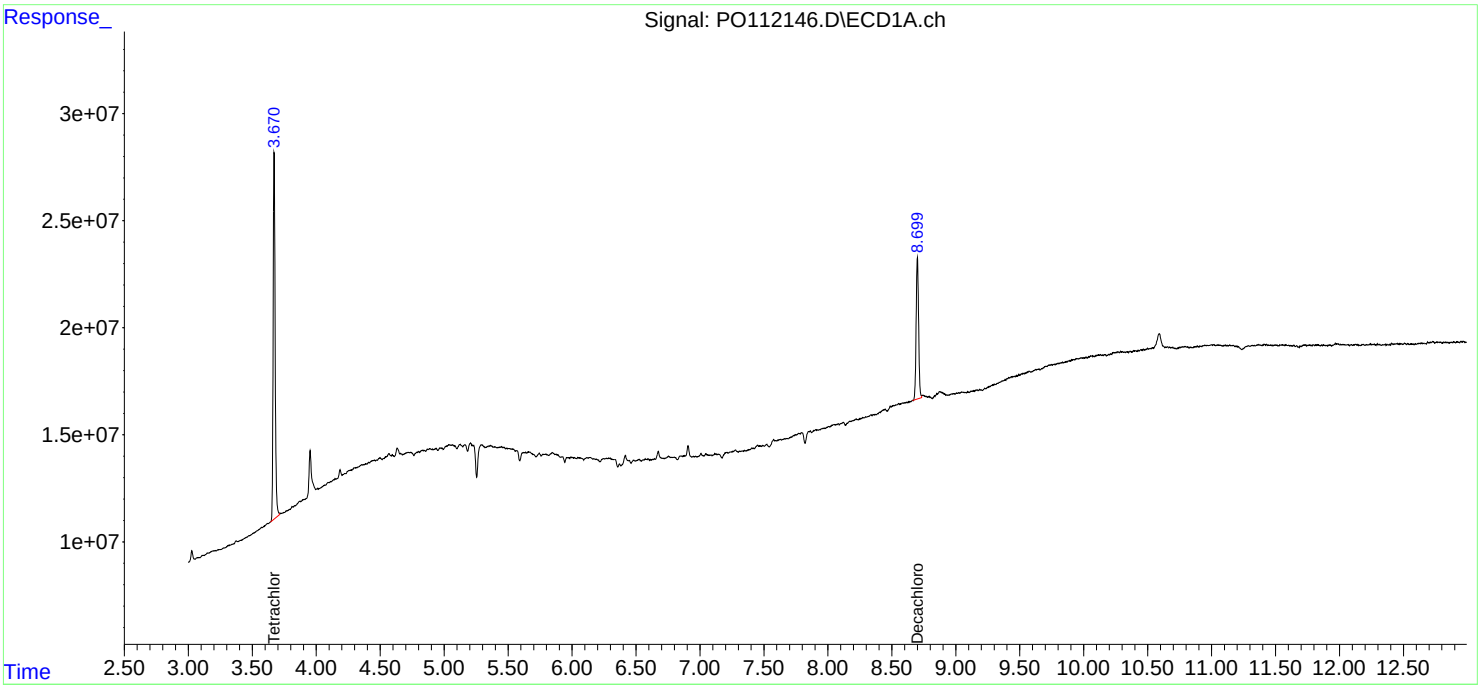
Instrument :
ECD_O
ClientSampleId :
TP-95

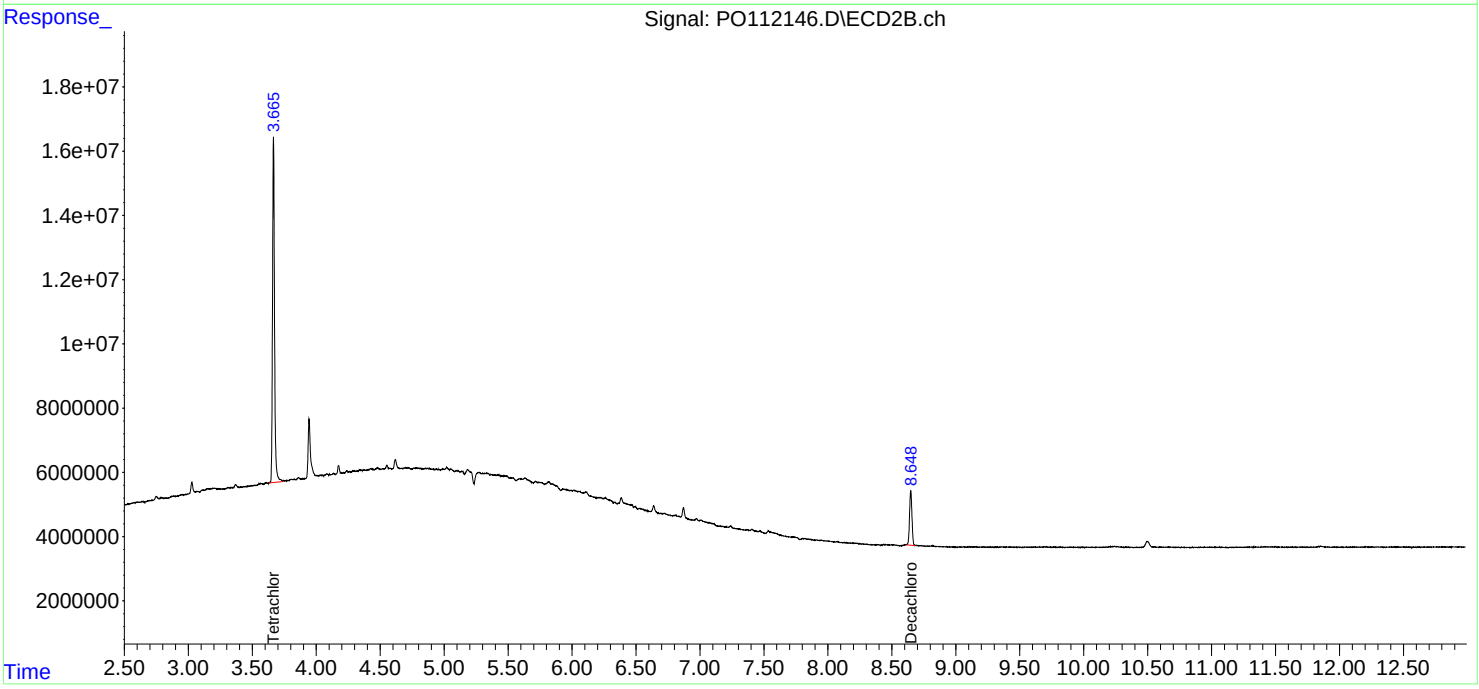
Manual Integrations APPROVED

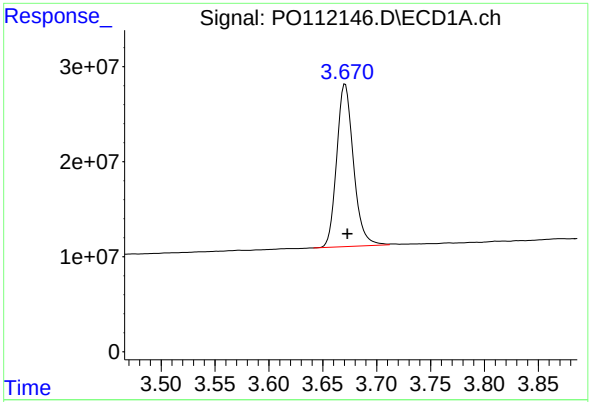
Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:03:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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







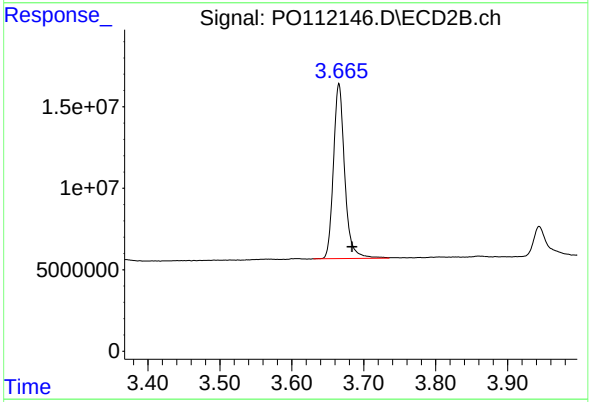
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 184927785
Conc: 18.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-95

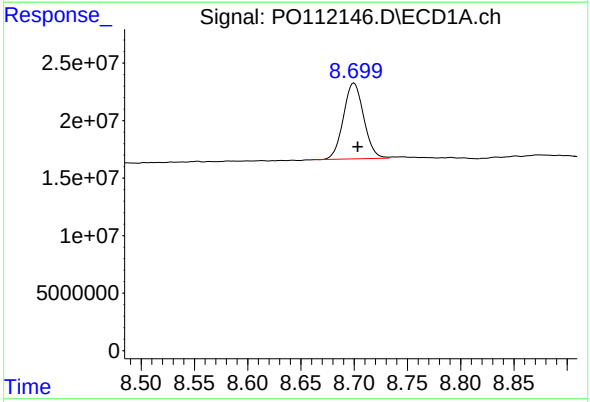
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



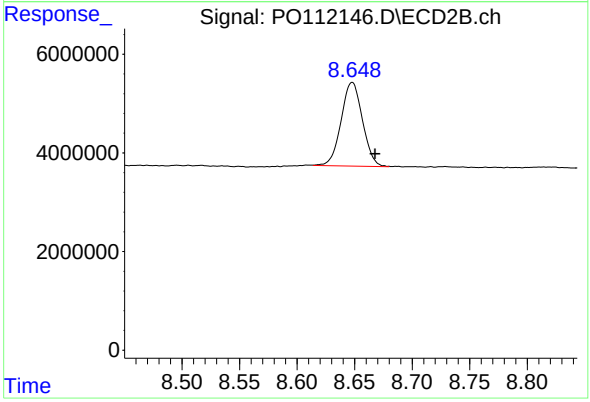
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 116900098
Conc: 18.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.003 min
Response: 87716304
Conc: 12.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 22033228
Conc: 12.78 ng/ml m

Raw Data: **PO112147.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-98	SDG No.:	Q2529
Lab Sample ID:	Q2529-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.9 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112147.D	1	07/09/25 08:20	07/09/25 19:27	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	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	3.70	U	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	4.10	U	4.10	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	21.5		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		32 - 175	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

Sample Results: **PO112147.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:27
Operator : YP/AJ
Sample : Q2529-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-98

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.665	213.0E6	133.8E6	21.526	21.006
2)	SA Decachlor...	8.701	8.649	117.3E6	29072138	17.153	16.868
	Target Compounds						

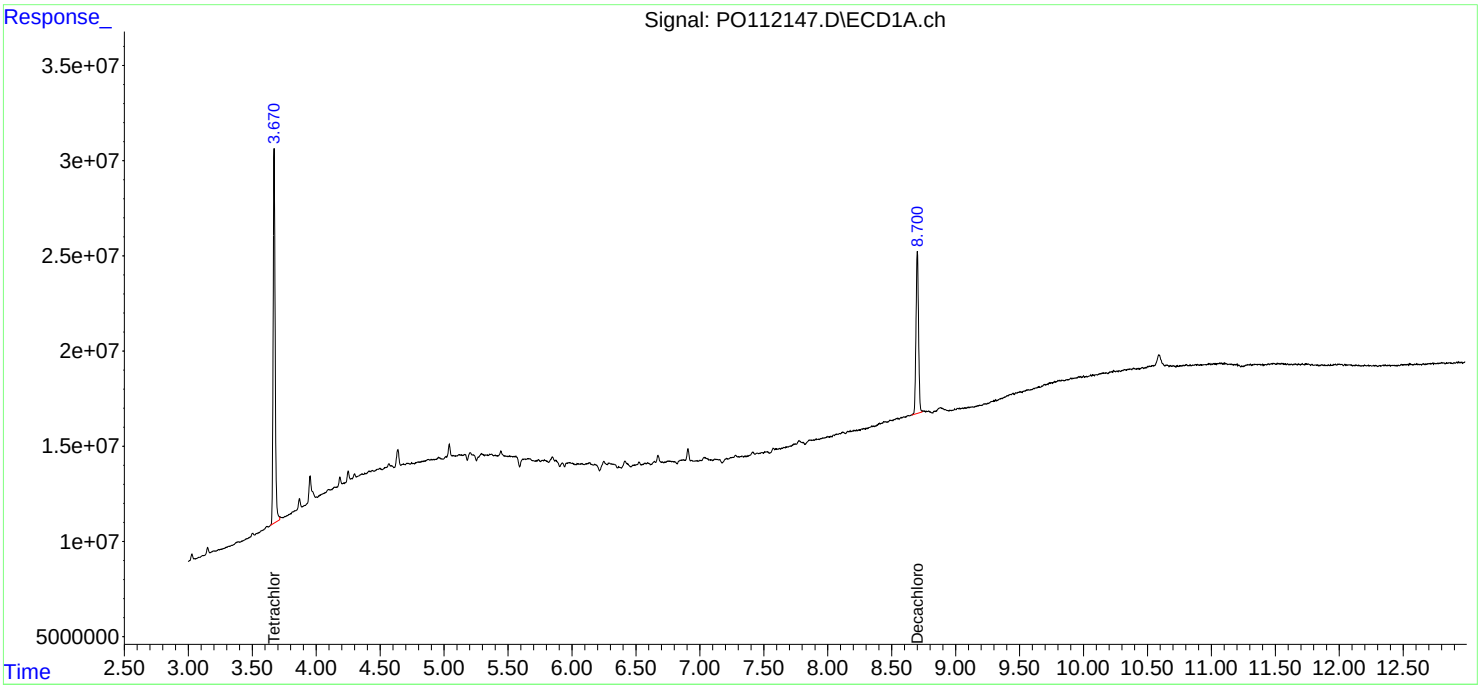
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

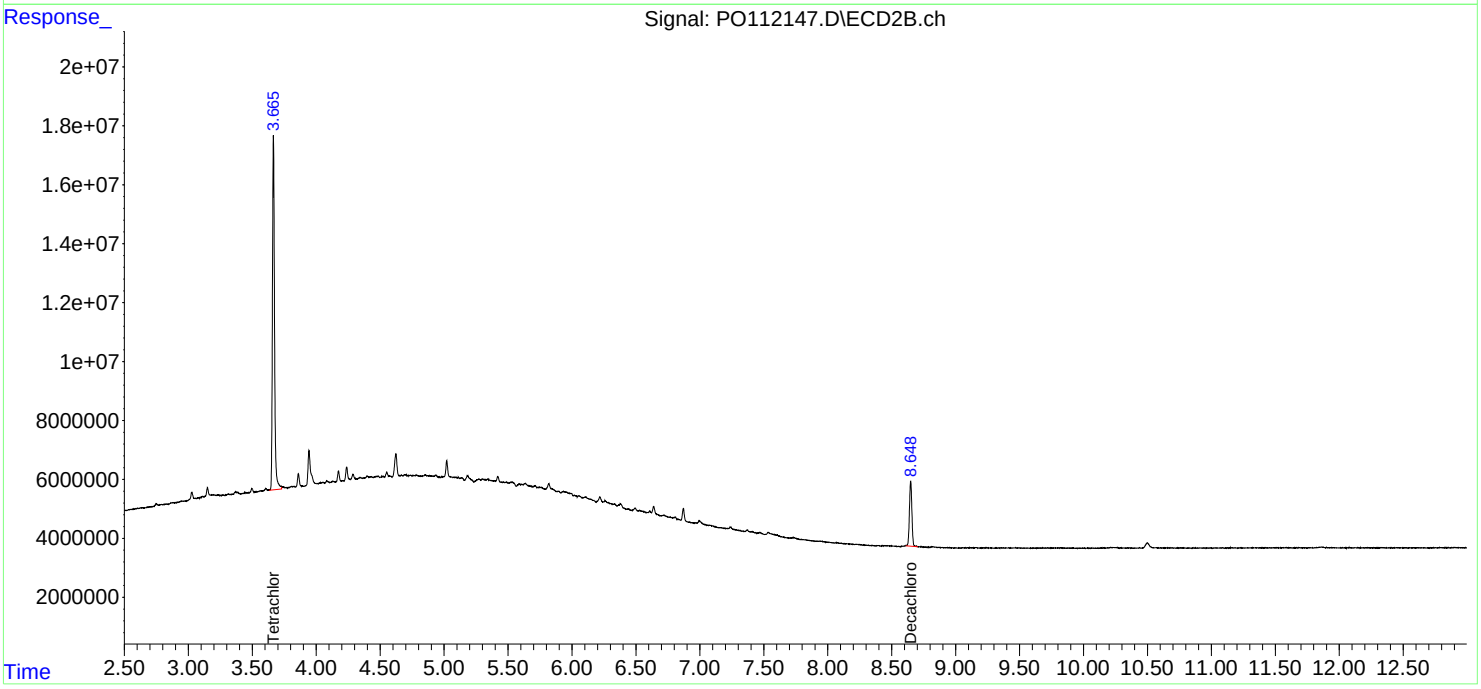
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:27
Operator : YP/AJ
Sample : Q2529-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

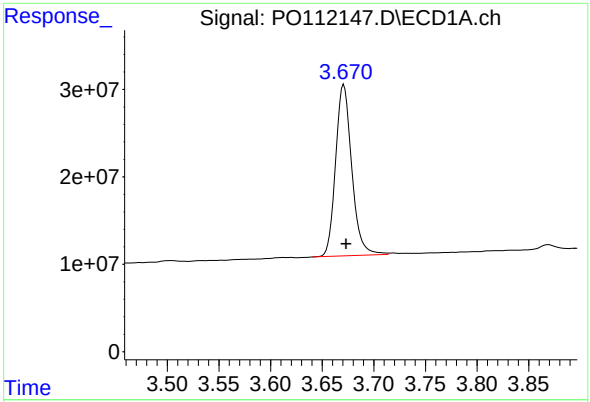
Instrument :
ECD_O
ClientSampleId :
TP-98

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



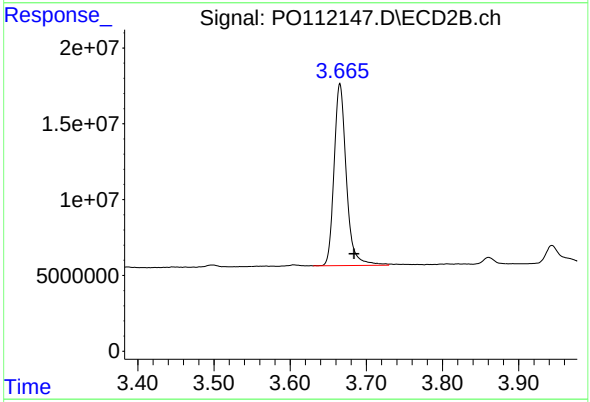




#1 Tetrachloro-m-xylene

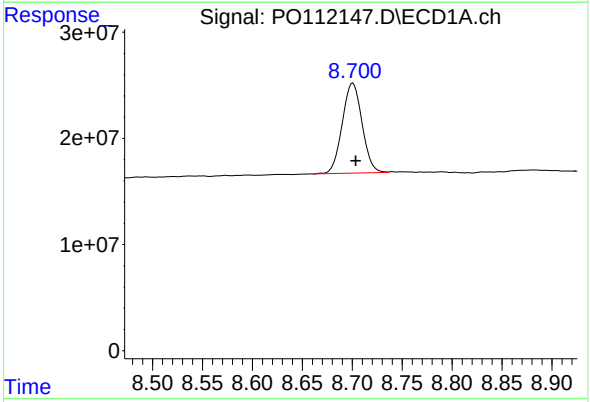
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 212989096
Conc: 21.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-98



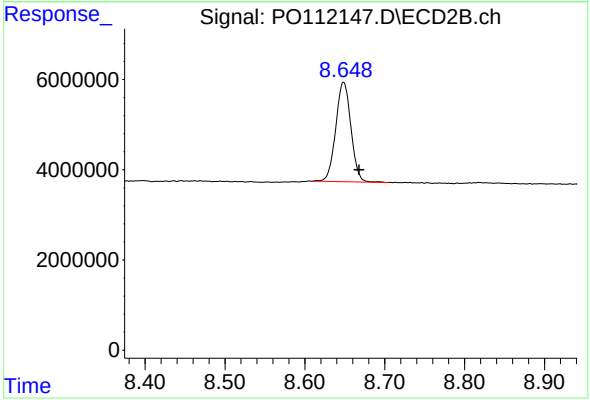
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.018 min
Response: 133830099
Conc: 21.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 117275348
Conc: 17.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 29072138
Conc: 16.87 ng/ml

Raw Data: **PO112148.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-102	SDG No.:	Q2529
Lab Sample ID:	Q2529-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	95.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112148.D	1	07/09/25 08:20	07/09/25 19:45	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	17.7	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.7	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.7	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.7	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.7	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	17.7	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.7	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	17.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		32 - 175	80%	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

Sample Results: **PO112148.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:45
Operator : YP/AJ
Sample : Q2529-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-102

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.672	3.665	191.8E6	119.9E6	19.383	18.825
2)	SA Decachlor...	8.703	8.649	94724473	27509576	13.855	15.962
	Target Compounds						

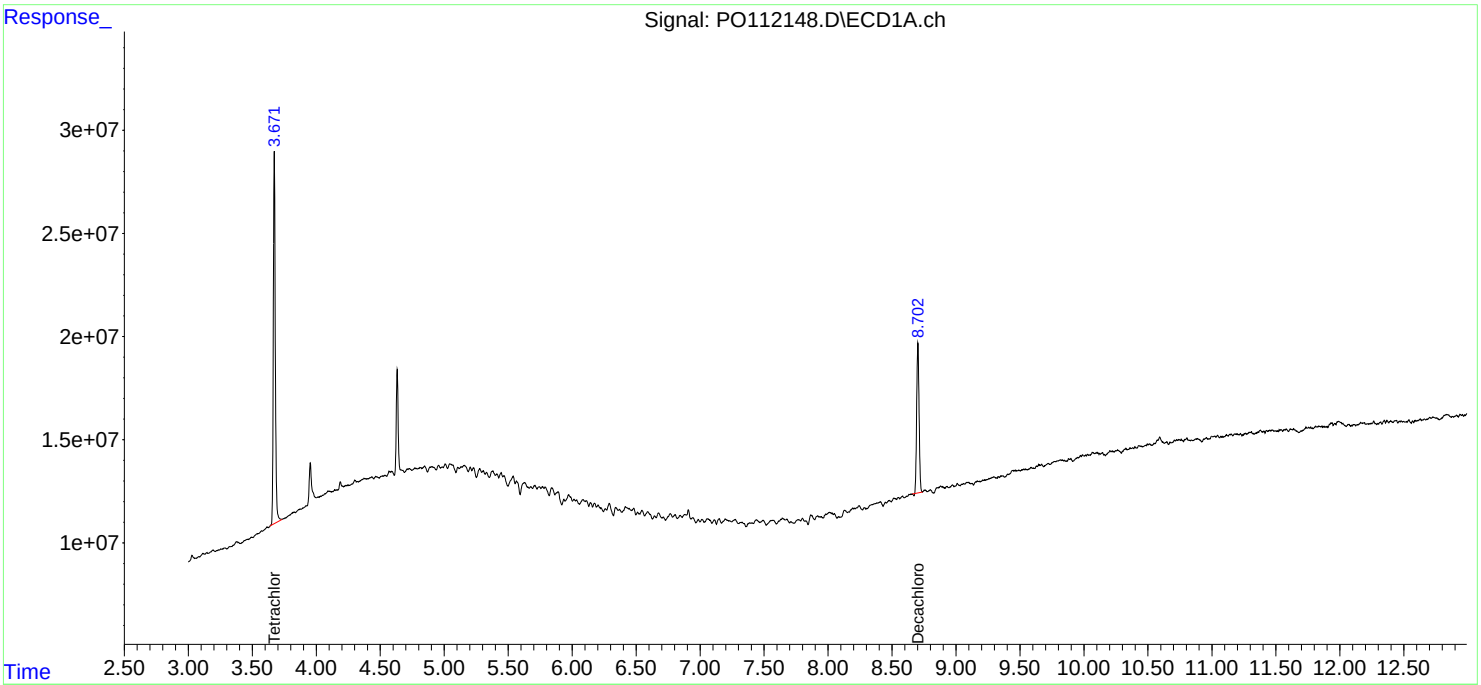
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

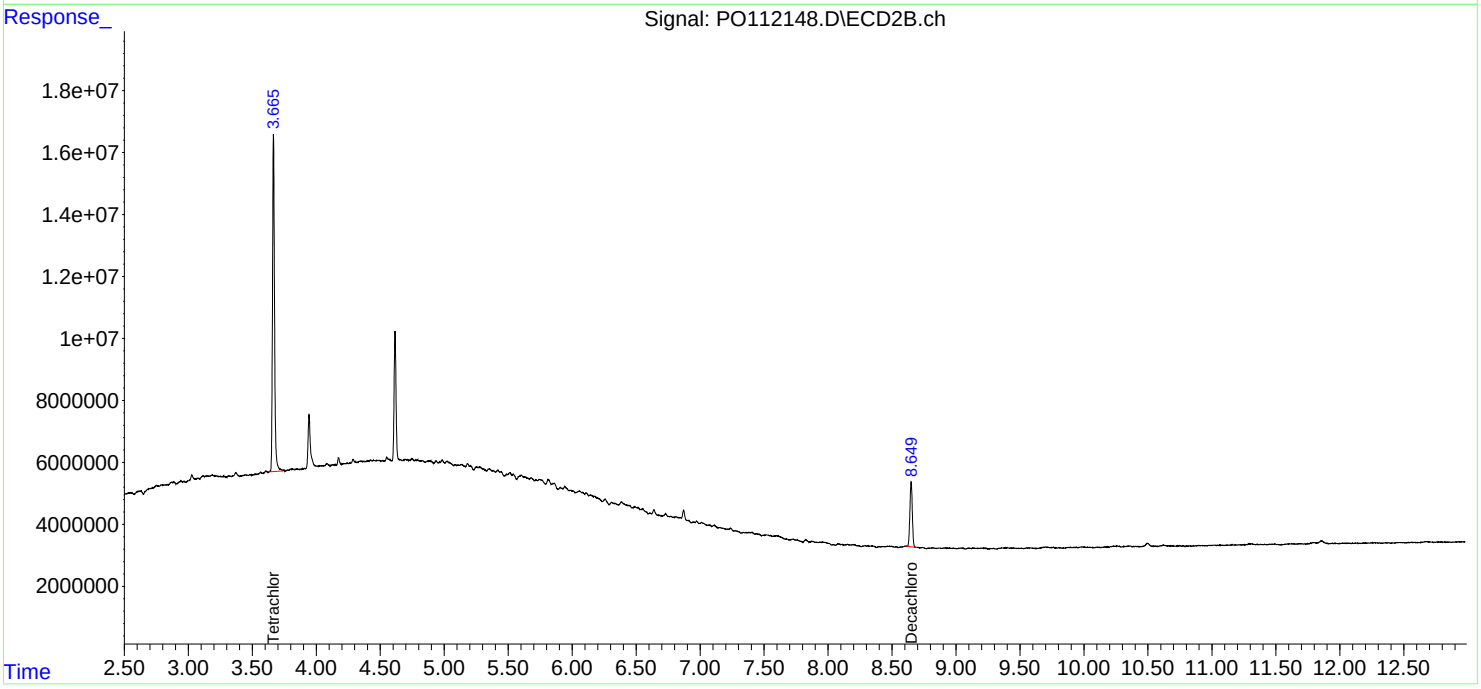
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 19:45
Operator : YP/AJ
Sample : Q2529-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

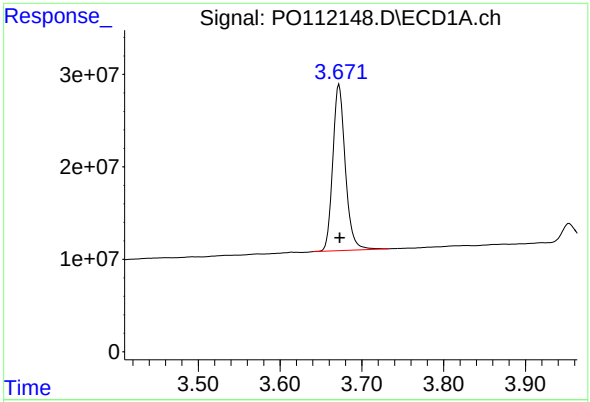
Instrument :
ECD_O
ClientSampleId :
TP-102

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



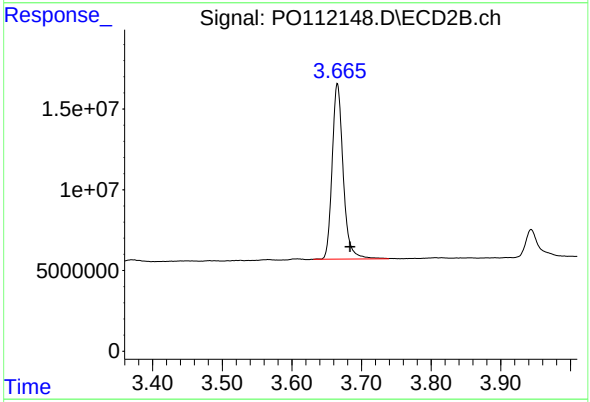




#1 Tetrachloro-m-xylene

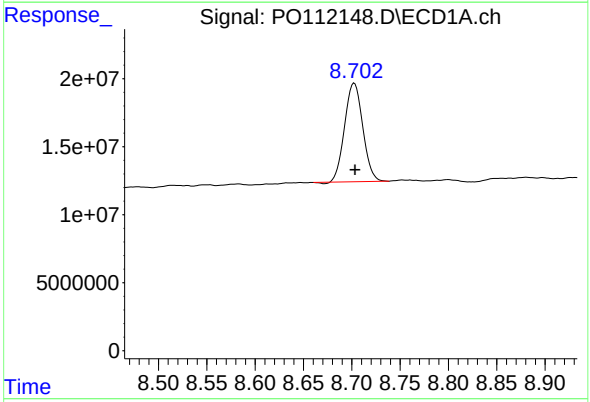
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 191787598
Conc: 19.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-102



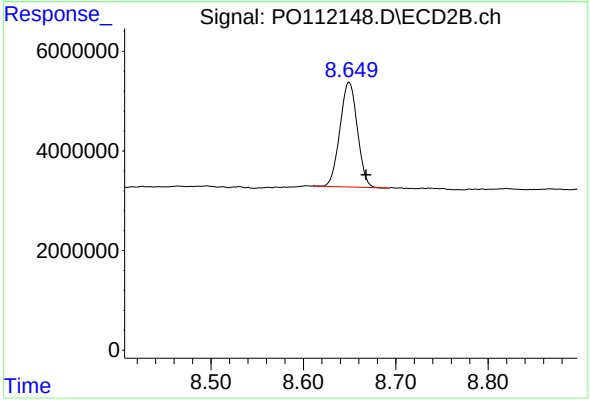
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.018 min
Response: 119934667
Conc: 18.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 94724473
Conc: 13.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 27509576
Conc: 15.96 ng/ml

Raw Data: **PO112149.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-101	SDG No.:	Q2529
Lab Sample ID:	Q2529-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.7 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112149.D	1	07/09/25 08:20	07/09/25 20:02	PB168764

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	19.7		32 - 144	99%	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

Sample Results: **PO112149.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 20:02
Operator : YP/AJ
Sample : Q2529-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-101

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.664	195.0E6	120.7E6	19.706	18.949
2)	SA Decachlor...	8.699	8.648	94360103	26481058	13.801	15.365
	Target Compounds						

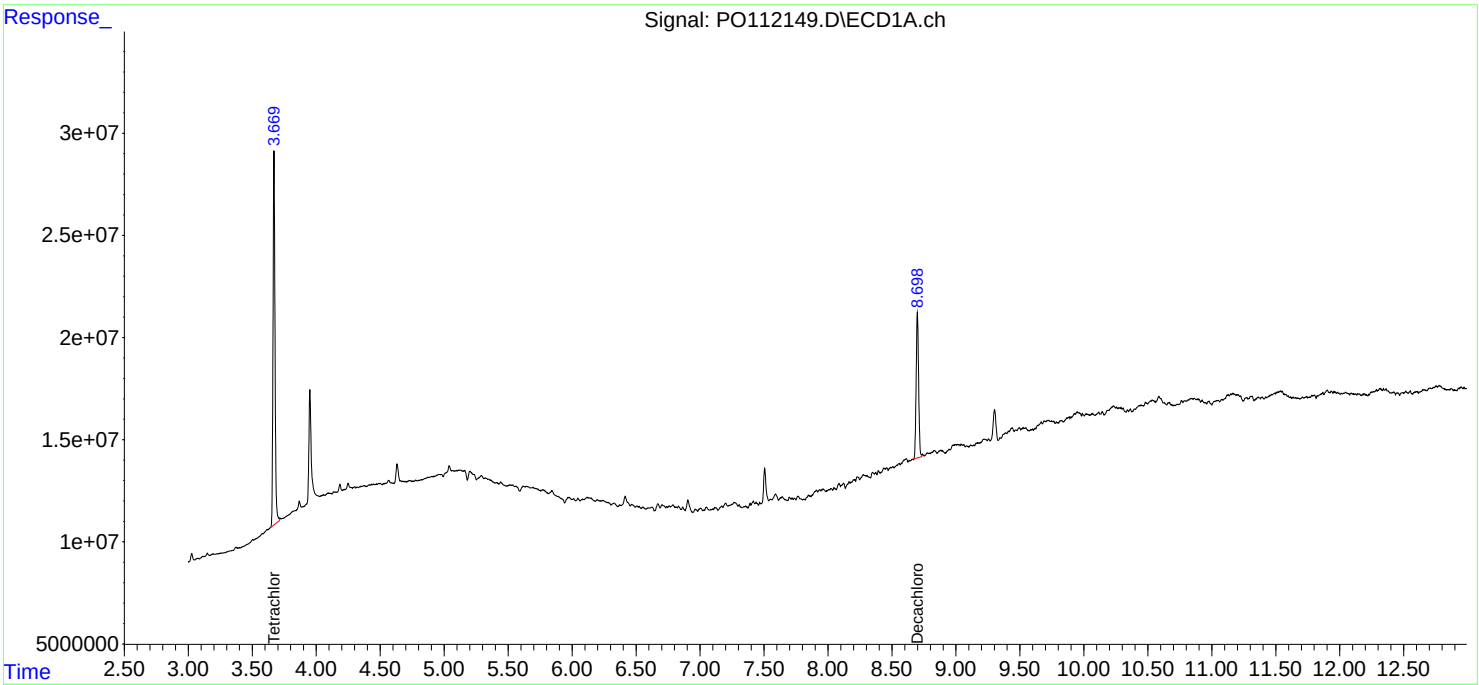
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

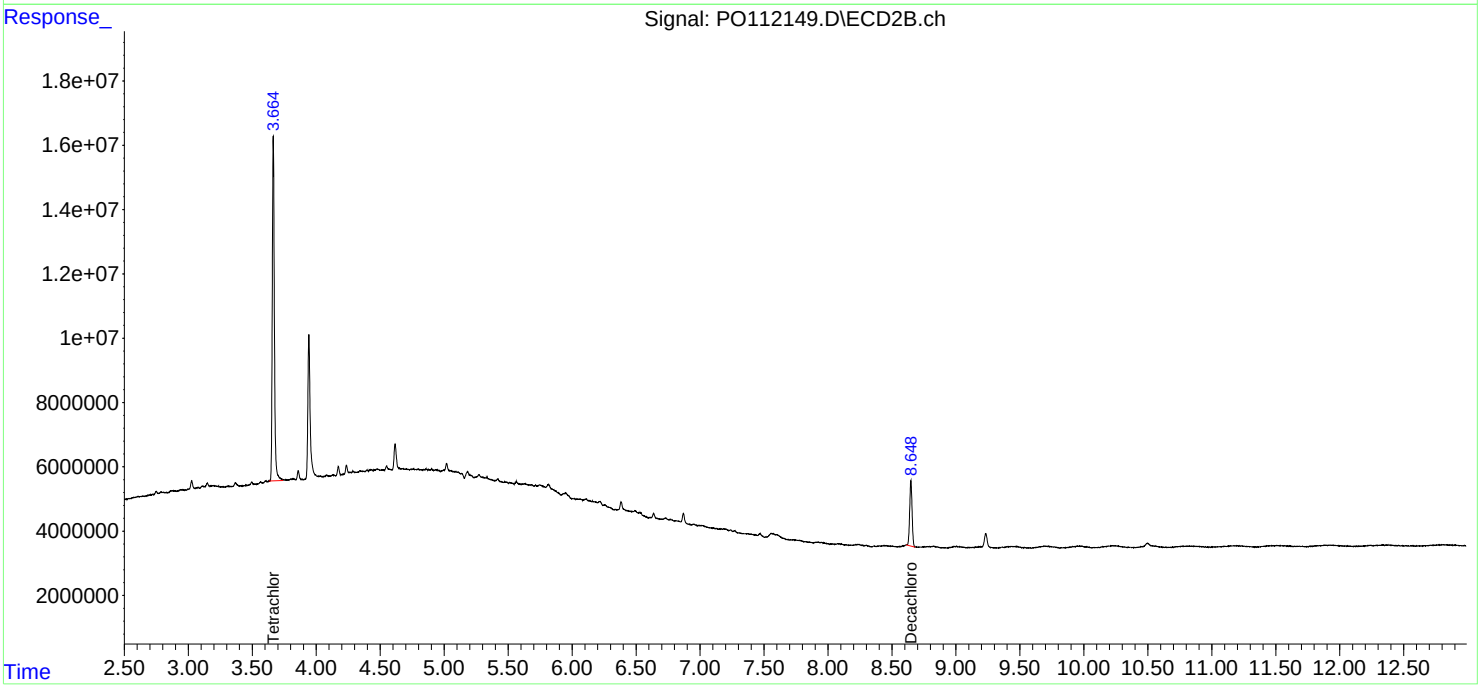
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 20:02
Operator : YP/AJ
Sample : Q2529-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

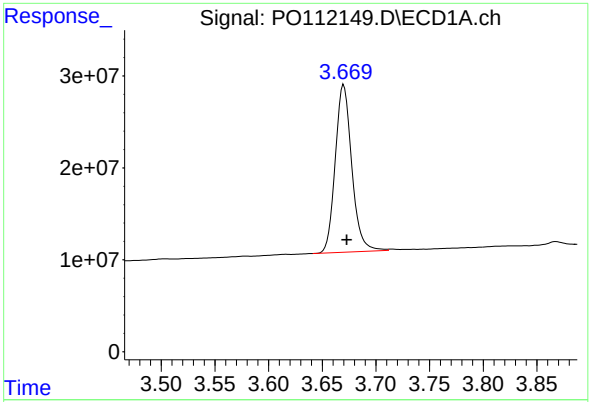
Instrument :
ECD_O
ClientSampleId :
TP-101

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



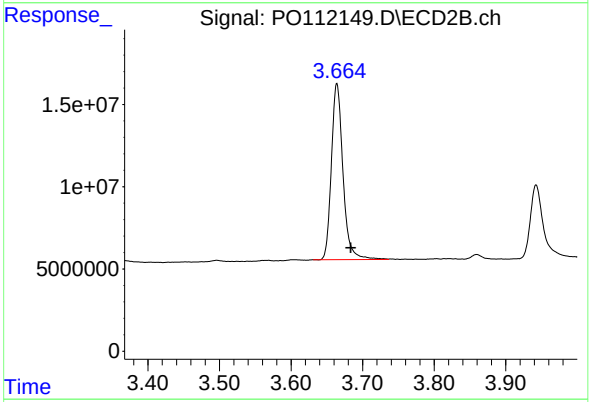




#1 Tetrachloro-m-xylene

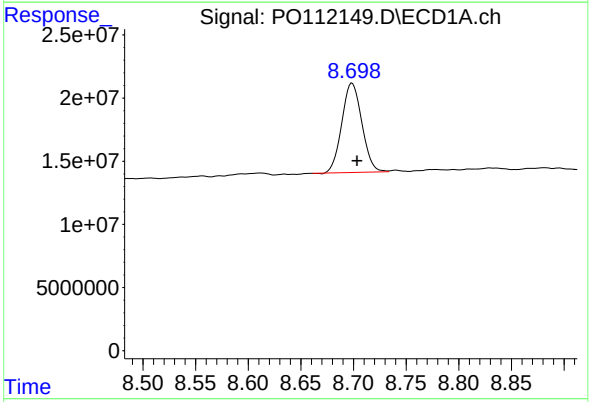
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 194988692
Conc: 19.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-101



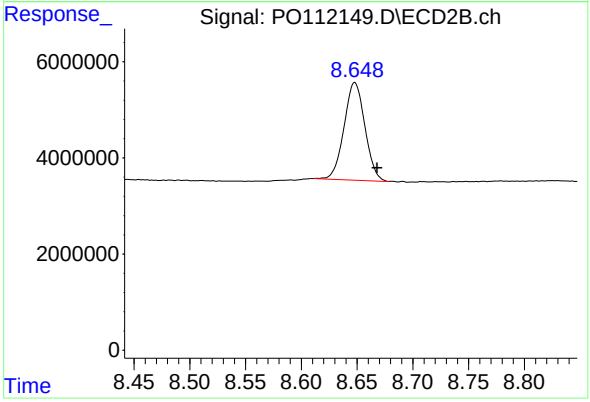
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.020 min
Response: 120727485
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.005 min
Response: 94360103
Conc: 13.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 26481058
Conc: 15.37 ng/ml

Raw Data: **PO112155.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-89	SDG No.:	Q2529
Lab Sample ID:	Q2529-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.1 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112155.D	1	07/09/25 08:20	07/09/25 23:15	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.8	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.8	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.8	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		32 - 144	85%	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

Sample Results: **PO112155.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:15
Operator : YP/AJ
Sample : Q2529-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-89

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	168.3E6	106.0E6	17.010	16.640
2)	SA Decachlor...	8.699	8.647	111.0E6	27787764	16.241	16.123
	Target Compounds						

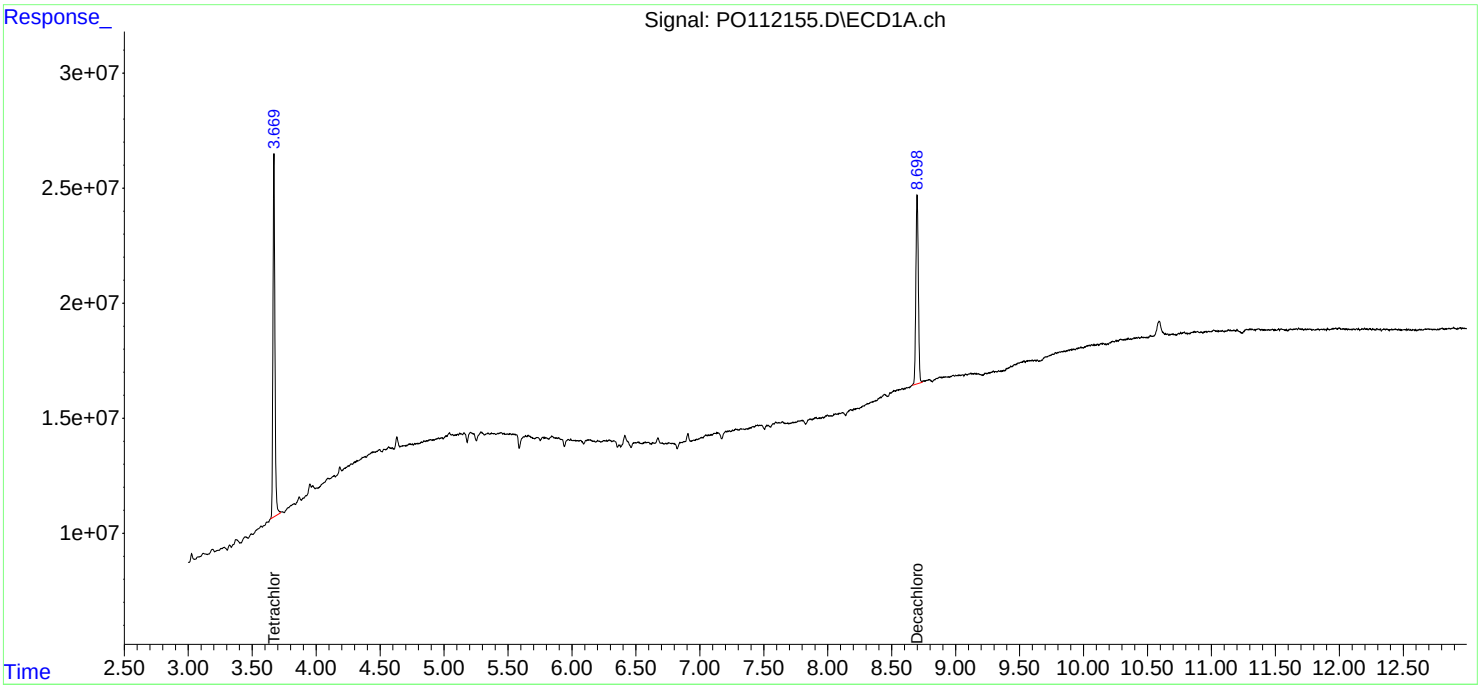
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

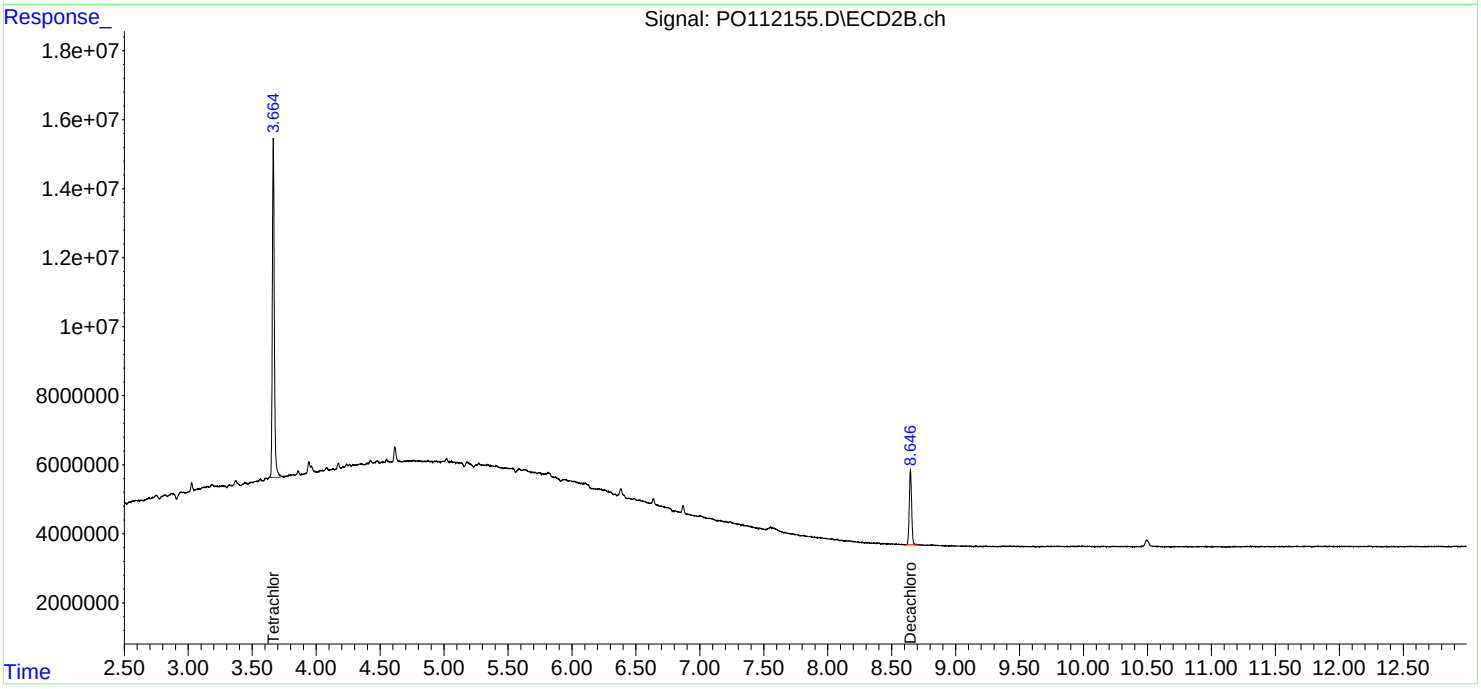
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:15
Operator : YP/AJ
Sample : Q2529-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

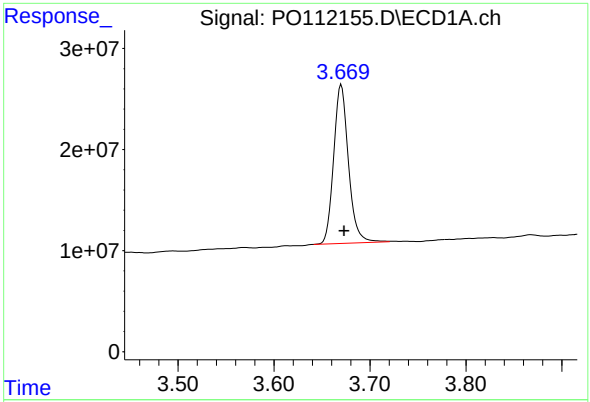
Instrument :
ECD_O
ClientSampleId :
TP-89

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



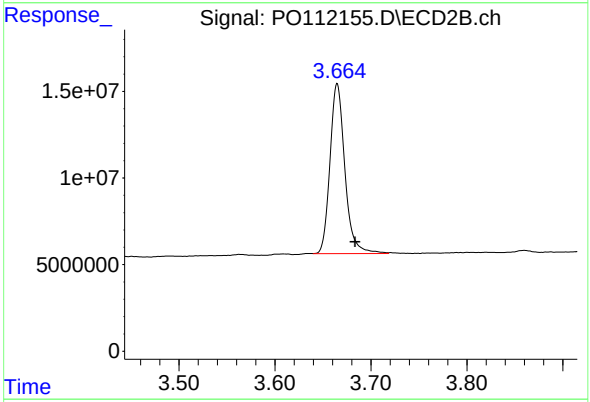




#1 Tetrachloro-m-xylene

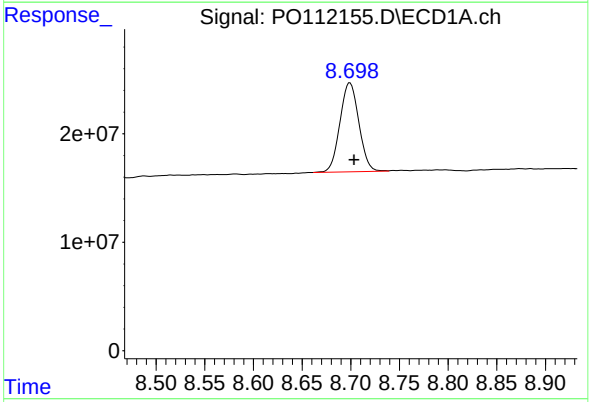
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 168307521
Conc: 17.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-89



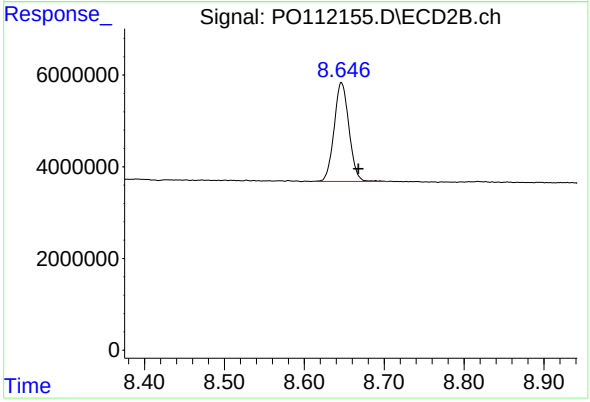
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 106015941
Conc: 16.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.004 min
Response: 111040800
Conc: 16.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.647 min
Delta R.T.: -0.021 min
Response: 27787764
Conc: 16.12 ng/ml

Raw Data: **PO112156.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-33	SDG No.:	Q2529
Lab Sample ID:	Q2529-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112156.D	1	07/09/25 08:20	07/09/25 23:33	PB168764

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	18.5		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		32 - 175	96%	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\PO070925\
Data File : PO112156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:33
Operator : YP/AJ
Sample : Q2529-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-33

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.666	182.7E6	113.9E6	18.469	17.885
2)	SA Decachlor...	8.702	8.648	131.1E6	32703395	19.180	18.975
	Target Compounds						

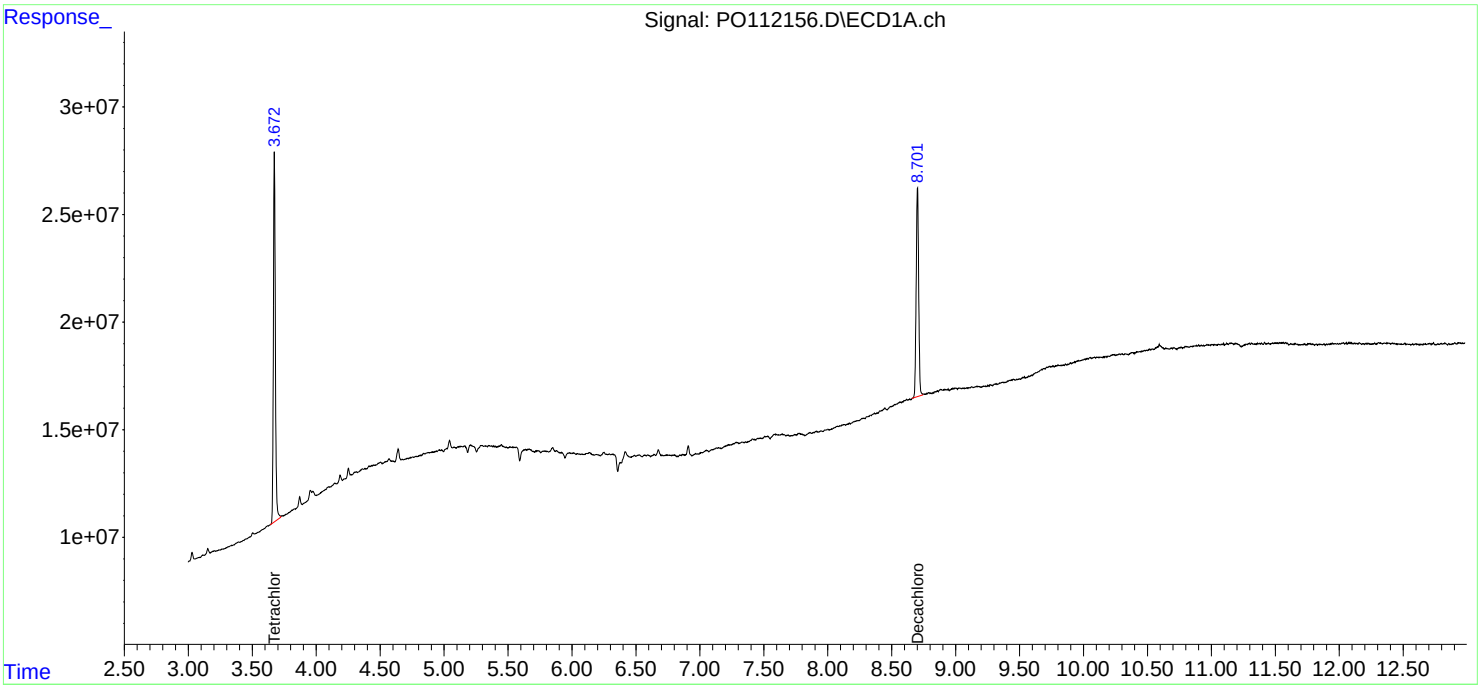
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

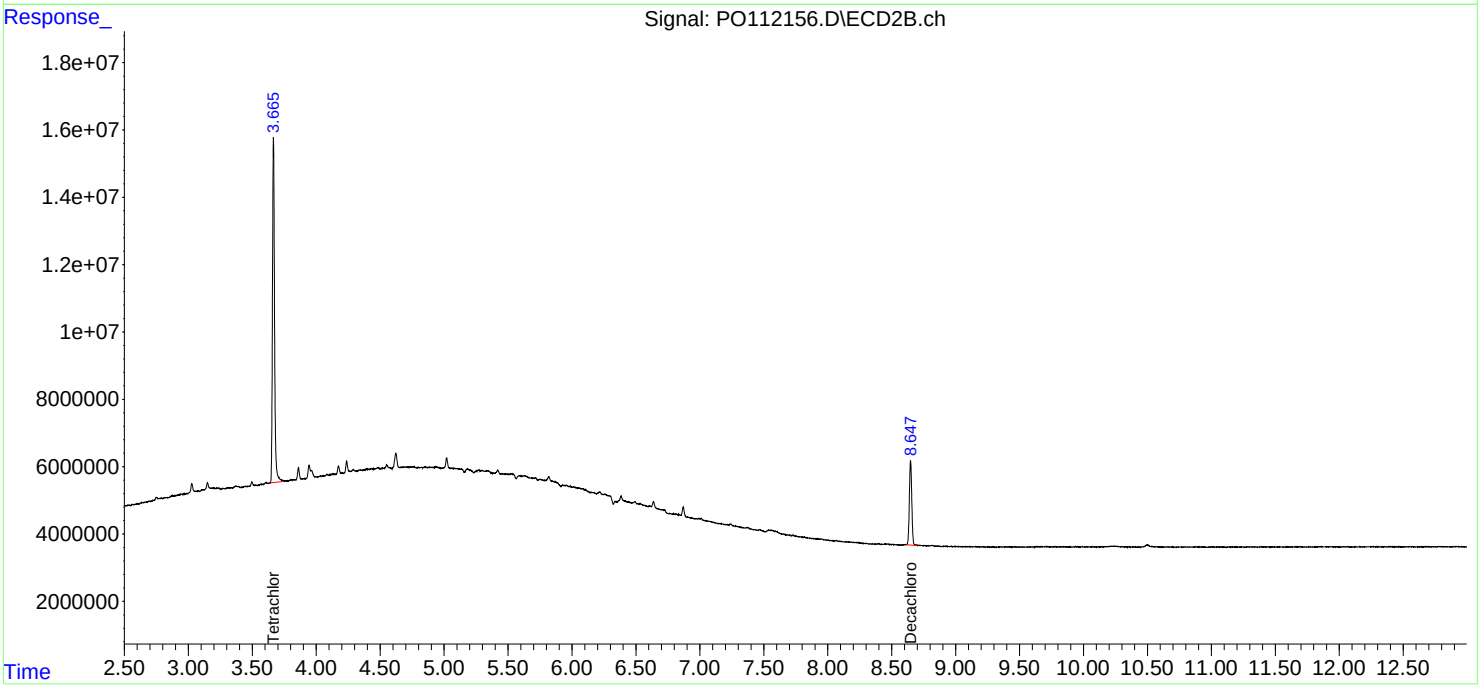
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:33
Operator : YP/AJ
Sample : Q2529-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

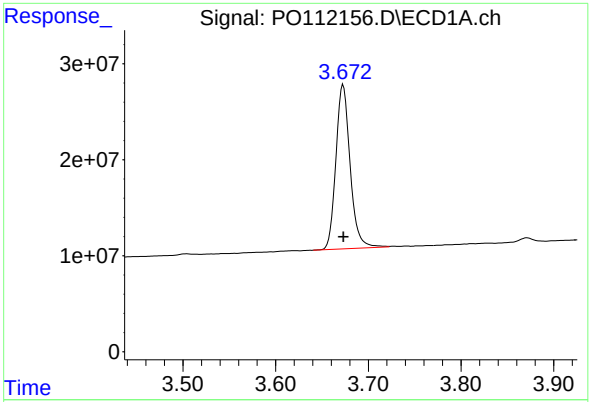
Instrument :
ECD_O
ClientSampleId :
TP-33

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



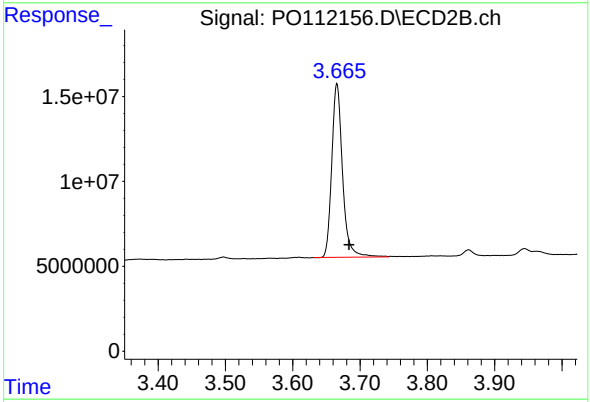




#1 Tetrachloro-m-xylene

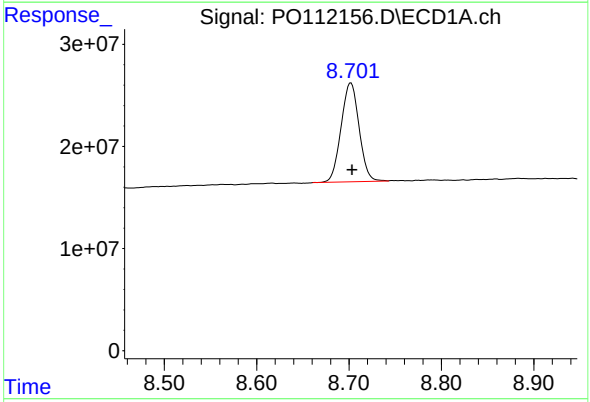
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 182740927
Conc: 18.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-33



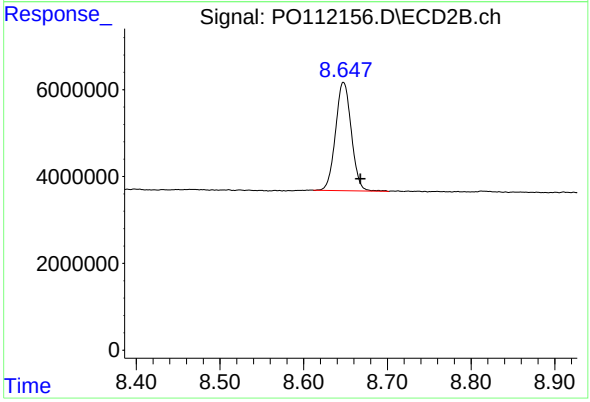
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 113948833
Conc: 17.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 131132231
Conc: 19.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 32703395
Conc: 18.98 ng/ml

Raw Data: **PO112157.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112157.D	1	07/09/25 08:20	07/09/25 23:52	PB168764

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	18.7		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		32 - 175	95%	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\PO070925\
Data File : PO112157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:52
Operator : YP/AJ
Sample : Q2529-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-30

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.665	185.4E6	115.7E6	18.736	18.156
2)	SA Decachlor...	8.702	8.649	129.6E6	32099499	18.960	18.625
	Target Compounds						

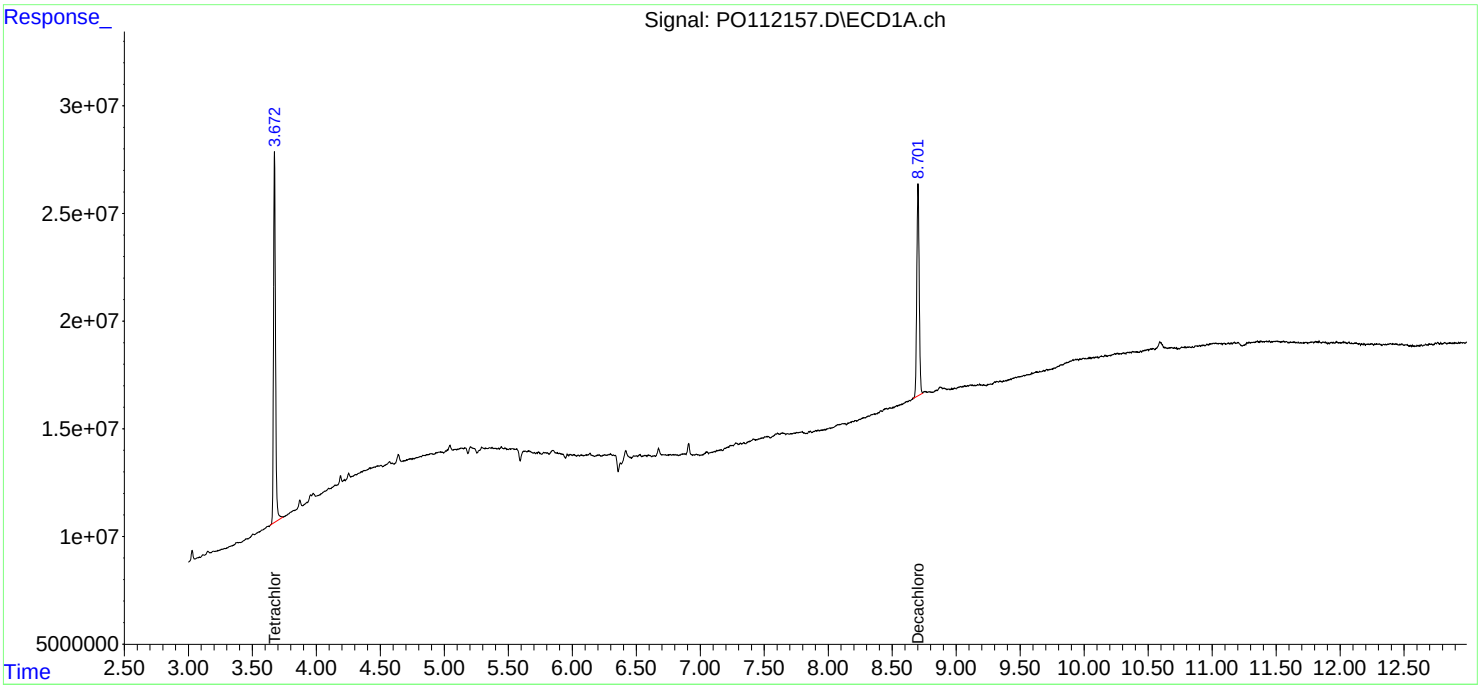
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

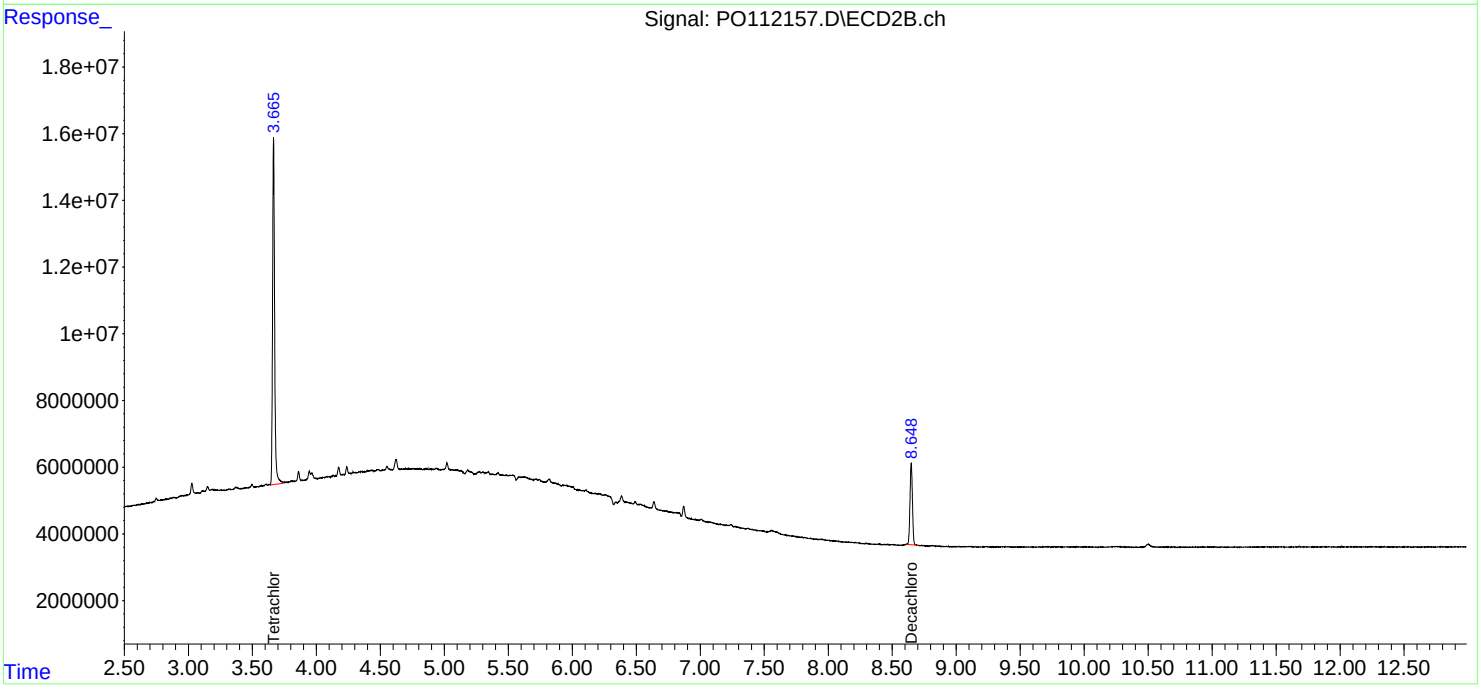
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 23:52
Operator : YP/AJ
Sample : Q2529-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

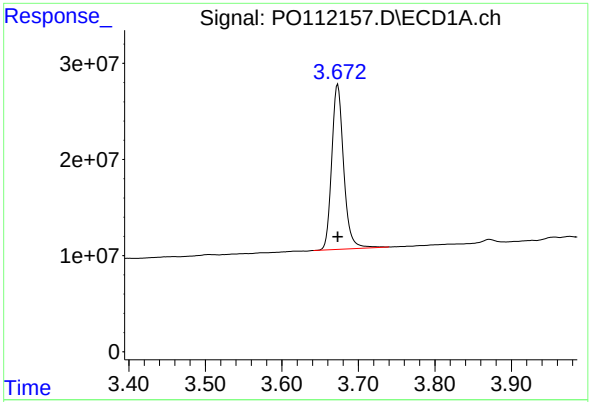
Instrument :
ECD_O
ClientSampleId :
TP-30

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:08:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



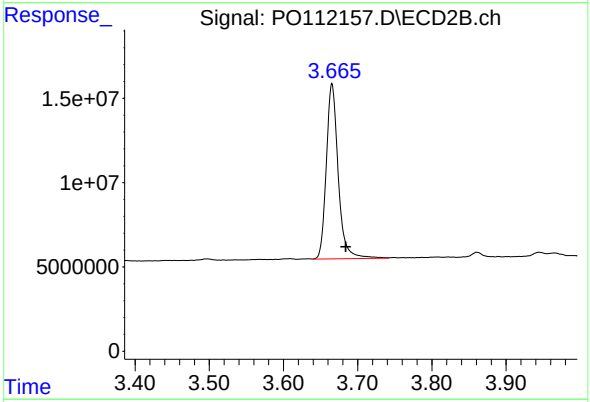




#1 Tetrachloro-m-xylene

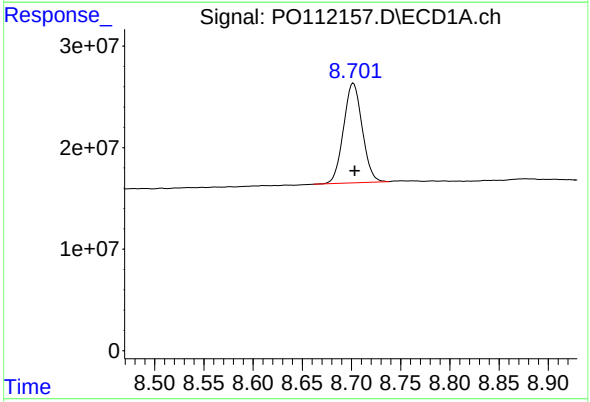
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 185390478
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-30



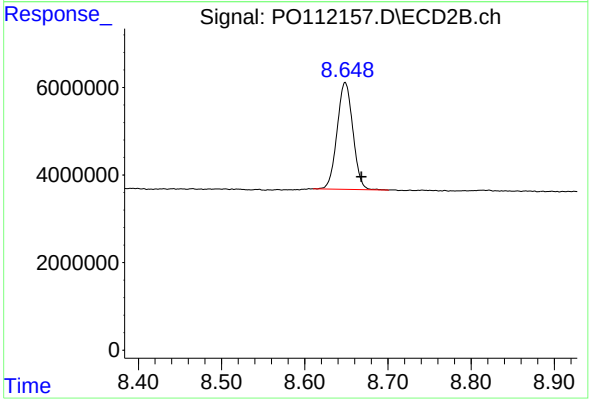
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.018 min
Response: 115674769
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 129628811
Conc: 18.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 32099499
Conc: 18.63 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_O **Calibration Date(s):** 07/08/2025 07/08/2025

Calibration Times: 14:06 22:16

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

LAB FILE ID: RT 1000 = PO112088.D RT 750 = PO112089.D

RT 500 = PO112090.D RT 250 = PO112091.D RT 050 = PO112092.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.83	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.95	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
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)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	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		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.57	5.56	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		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.71	5.72	5.71	5.71	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.44	8.45	8.45	8.45	8.45	8.35	8.55

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_O **Calibration Date(s):** 07/08/2025 07/08/2025

Calibration Times: 14:06 22:16

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

LAB FILE ID: RT 1000 = PO112088.D RT 750 = PO112089.D

RT 500 = PO112090.D RT 250 = PO112091.D RT 050 = PO112092.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.76	4.74	4.74	4.75	4.65	4.85
Aroclor-1016-2	(2)	4.76	4.76	4.78	4.76	4.76	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.94	4.94	4.95	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-4	(4)	4.98	4.98	5.00	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.19	5.19	5.21	5.19	5.19	5.20	5.10	5.30
Aroclor-1260-1	(1)	6.22	6.22	6.24	6.22	6.22	6.22	6.12	6.32
Aroclor-1260-2	(2)	6.41	6.41	6.43	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-3	(3)	6.56	6.56	6.58	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-4	(4)	7.03	7.03	7.05	7.03	7.03	7.03	6.93	7.13
Aroclor-1260-5	(5)	7.27	7.27	7.29	7.27	7.27	7.28	7.18	7.38
Decachlorobiphenyl		8.65	8.65	8.67	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.68	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.09	6.09	6.09	6.09	6.09	6.09	5.99	6.19
Aroclor-1254-4	(4)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1254-5	(5)	6.74	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.62	7.62	7.62	7.62	7.62	7.62	7.52	7.72
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1268-5	(5)	8.40	8.40	8.40	8.40	8.40	8.40	8.30	8.50

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2529
Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID: CF 1000 = PO112088.D CF 750 = PO112089.D
CF 500 = PO112090.D CF 250 = PO112091.D CF 050 = PO112092.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	360742355	353411084	358608078	351811628	276040300	340122689	11
Aroclor-1016-2	(2)	524757576	513734579	527286258	524874328	395805960	497291740	11
Aroclor-1016-3	(3)	332829086	325012079	334990372	341827996	283910480	323714003	7
Aroclor-1016-4	(4)	267114546	263557440	269039266	265481824	218804880	256799591	8
Aroclor-1016-5	(5)	281257689	272140703	280446704	285989380	248475020	273661899	5
Aroclor-1260-1	(1)	515263930	514045125	524528068	524922328	427435480	501238986	8
Aroclor-1260-2	(2)	755458656	751801572	763083688	740918324	679411120	738134672	5
Aroclor-1260-3	(3)	672764264	679771911	697132702	647584436	580156380	655481939	7
Aroclor-1260-4	(4)	428461498	442815881	457502760	461118372	386340060	435247714	7
Aroclor-1260-5	(5)	1355306152	1333629501	1317199750	1298892100	1007658700	1262537241	11
Decachlorobiphenyl		7091695750	7147123880	7182630500	7285420480	5478354000	6837044922	11
Tetrachloro-m-xylene		10813397260	10474815627	10513291260	10183518000	7488479400	9894700309	14
Aroclor-1242-1	(1)	285009923	305769684	302587940	302628584	252187260	289636678	8
Aroclor-1242-2	(2)	424985528	451558340	449561854	447967952	355524300	425919595	10
Aroclor-1242-3	(3)	267327438	285181779	287377204	288451804	240089600	273685565	8
Aroclor-1242-4	(4)	217524144	232173980	231748124	232379948	212764400	225318119	4
Aroclor-1242-5	(5)	218416651	232437525	224522496	231546684	151431360	211670943	16
Decachlorobiphenyl		6979969120	7147406973	7161879360	7131310800	5658336400	6815780531	10
Tetrachloro-m-xylene		10047633560	10752033107	10538404740	10524037960	8582543200	10088930513	9
Aroclor-1248-1	(1)	231871262	227298380	227625104	251373404	196330000	226899630	9
Aroclor-1248-2	(2)	312226784	305819339	307255800	349605332	266719220	308325295	10
Aroclor-1248-3	(3)	394903515	391569029	392918442	459601740	397606080	407319761	7
Aroclor-1248-4	(4)	577144829	572571723	575557162	615211088	545252760	577147512	4
Aroclor-1248-5	(5)	391149352	391468967	390698366	435680552	342525360	390304519	8
Decachlorobiphenyl		7164669710	7172590053	7258610400	7568481440	5849763800	7002823081	10
Tetrachloro-m-xylene		10966260810	10668995880	10533016680	11674212280	8664104600	10501318050	11
Aroclor-1254-1	(1)	596387386	615301855	615556214	631197528	617123200	615113237	2
Aroclor-1254-2	(2)	526620849	541456496	538329150	552782544	519240660	535685940	2
Aroclor-1254-3	(3)	832372124	848375105	844598876	861920200	810621920	839577645	2
Aroclor-1254-4	(4)	488348458	550588549	528046518	514011204	324098800	481018706	19
Aroclor-1254-5	(5)	772769124	785953607	791521408	805117428	714377600	773947833	5
Decachlorobiphenyl		7313218520	7363897040	7524909560	7619539480	6511414600	7266595840	6
Tetrachloro-m-xylene		10817495530	10970019693	10749863260	10915129200	9106609200	10511823377	8
Aroclor-1268-1	(1)	1933697823	1961714709	1933333182	1889919492	1468606580	1837454357	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1621310763	1652283559	1624883286	1597201648	1292350600	1557605971	10
Aroclor-1268-3	(3)	1337748865	1359325231	1351894922	1337301304	1112111800	1299676424	8
Aroclor-1268-4	(4)	501678112	499381901	514040784	510400332	376538760	480407978	12
Aroclor-1268-5	(5)	3474681887	3495352783	3443761070	3349732680	2555042300	3263714144	12
Decachlorobiphenyl		13779789610	14010961973	13831208240	13686235720	10617540000	13185147109	11
Tetrachloro-m-xylene		10828416470	10960168653	10714217600	10397619080	7773509600	10134786281	13

Raw Data

Alliance TECHNICAL GROUP

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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2529
Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID: CF 1000 = PO112088.D CF 750 = PO112089.D
CF 500 = PO112090.D CF 250 = PO112091.D CF 050 = PO112092.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	224689947	221197589	229855740	235435032	202993580	222834378	6
Aroclor-1016-2	(2)	333676696	332964816	340716574	344871116	293258760	329097592	6
Aroclor-1016-3	(3)	173220389	172286476	177510406	175323720	150993180	169866834	6
Aroclor-1016-4	(4)	133548654	134722825	140696304	141544972	135624760	137227503	3
Aroclor-1016-5	(5)	172958737	175867975	183374190	179483264	150567480	172450329	7
Aroclor-1260-1	(1)	273966572	275587577	284396370	318959696	249900320	280562107	9
Aroclor-1260-2	(2)	339471861	339883185	345098816	366340024	309189580	339996693	6
Aroclor-1260-3	(3)	285079531	283131084	293155536	294803628	221760800	275586116	11
Aroclor-1260-4	(4)	190320237	194370733	203166394	219087436	196280140	200644988	6
Aroclor-1260-5	(5)	439428363	448516680	455912584	483251276	411533840	447728549	6
Decachlorobiphenyl		1708564380	1754251880	1790007560	1862375960	1502102800	1723460516	8
Tetrachloro-m-xylene		6849689250	6688775747	6823852720	6660365320	4832613200	6371059247	14
Aroclor-1242-1	(1)	180558203	194276476	196154442	205920884	192381760	193858353	5
Aroclor-1242-2	(2)	267145812	285888559	288791934	297310352	277625120	283352355	4
Aroclor-1242-3	(3)	139388587	149896708	150012144	154353128	134735720	145677257	6
Aroclor-1242-4	(4)	132647733	142511831	143624204	149839712	140580100	141840716	4
Aroclor-1242-5	(5)	169256952	182077477	187071418	199409696	170855060	181734121	7
Decachlorobiphenyl		1694985930	1765973813	1799728340	1866433600	1579982000	1741420737	6
Tetrachloro-m-xylene		6408694870	6872035667	6730718280	6766792760	5539281400	6463504595	8
Aroclor-1248-1	(1)	148373409	146783767	149637550	173598112	153448100	154368188	7
Aroclor-1248-2	(2)	200165378	198242231	203122858	230241332	197066700	205767700	7
Aroclor-1248-3	(3)	210851108	208337667	212783398	242780584	199239520	214798455	8
Aroclor-1248-4	(4)	249491134	246252407	253519016	297759984	246611360	258726780	9
Aroclor-1248-5	(5)	244390847	243395885	250986596	299503676	214470400	250549481	12
Decachlorobiphenyl		1741004980	1773180160	1834926600	1999524800	1593214800	1788370268	8
Tetrachloro-m-xylene		6922029440	6722968493	6653358760	7457216520	5595884000	6670291443	10
Aroclor-1254-1	(1)	358701312	372366800	376618238	404921504	393233780	381168327	5
Aroclor-1254-2	(2)	309319461	318506233	325963420	350344944	354921460	331811104	6
Aroclor-1254-3	(3)	457035033	473473401	470706516	496812748	512186320	482042804	5
Aroclor-1254-4	(4)	242702235	264458053	264466114	273730492	258116740	260694727	4
Aroclor-1254-5	(5)	340856875	348898753	356048528	374047448	361929480	356356217	4
Decachlorobiphenyl		1762037980	1801047667	1852268780	1914979680	1705564000	1807179621	4
Tetrachloro-m-xylene		6812677640	6946187027	6790686340	6873927640	5937916200	6672278969	6
Aroclor-1268-1	(1)	486556055	496283868	499490630	514433332	460511800	491455137	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	414074889	422901423	425132138	438633692	385189960	417186420	5
Aroclor-1268-3	(3)	309607188	317937561	322370012	335163612	296865480	316388771	5
Aroclor-1268-4	(4)	111375490	114260995	115590378	117536984	98796160	111512001	7
Aroclor-1268-5	(5)	736492551	750146037	748798464	755249104	641904560	726518143	7
Decachlorobiphenyl		3139191470	3230861547	3253774420	3306379000	2721463200	3130333927	8
Tetrachloro-m-xylene		6732535870	6829120120	6762174400	6573365120	5117275800	6402894262	11

Raw Data

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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	116614000
		2	3.97	3.87	4.07	78840600
		3	4.05	3.95	4.15	269582000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	214668000
		2	4.54	4.44	4.64	113637000
		3	4.78	4.68	4.88	229008000
		4	4.96	4.86	5.06	114297000
		5	5.00	4.90	5.10	73400200
Aroclor-1262	500	1	6.81	6.71	6.91	1021690000
		2	7.31	7.21	7.41	1639370000
		3	7.59	7.49	7.69	641976000
		4	7.66	7.56	7.76	1071430000
		5	8.15	8.05	8.25	448140000

Raw Data

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.:** Q2529

Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	82295000
		2	3.96	3.86	4.06	59353600
		3	4.04	3.94	4.14	188777000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	150099000
		2	4.76	4.66	4.86	153086000
		3	4.94	4.84	5.04	75506000
		4	5.02	4.92	5.12	65988200
		5	5.19	5.09	5.29	74260000
Aroclor-1262	500	1	6.77	6.67	6.87	407320000
		2	7.27	7.17	7.37	512548000
		3	7.55	7.45	7.65	179524000
		4	7.62	7.52	7.72	290920000
		5	8.11	8.01	8.21	105784000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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...	3.671	3.666	1081.3E6	685.0E6	101.527m	100.423m
2)	SA Decachlor...	8.702	8.649	709.2E6	170.9E6	99.363	97.492m
	Target Compounds						
3)	L1 AR-1016-1	4.759	4.743	360.7E6	224.7E6	1002.967	1009.911
4)	L1 AR-1016-2	4.777	4.761	524.8E6	333.7E6	997.596	990.816
5)	L1 AR-1016-3	4.834	4.936	332.8E6	173.2E6	996.764	996.808m
6)	L1 AR-1016-4	4.954	4.980	267.1E6	133.5E6	996.410	973.937
7)	L1 AR-1016-5	5.211	5.191	281.3E6	173.0E6	1001.444	970.770
31)	L7 AR-1260-1	6.249	6.220	515.3E6	274.0E6	991.090	981.321
32)	L7 AR-1260-2	6.438	6.409	755.5E6	339.5E6	994.979	991.780
33)	L7 AR-1260-3	6.805	6.560	672.8E6	285.1E6	982.211	986.397m
34)	L7 AR-1260-4	7.065	7.031	428.5E6	190.3E6	967.221	967.353
35)	L7 AR-1260-5	7.308	7.272	1355.3E6	439.4E6	1014.259	981.589

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

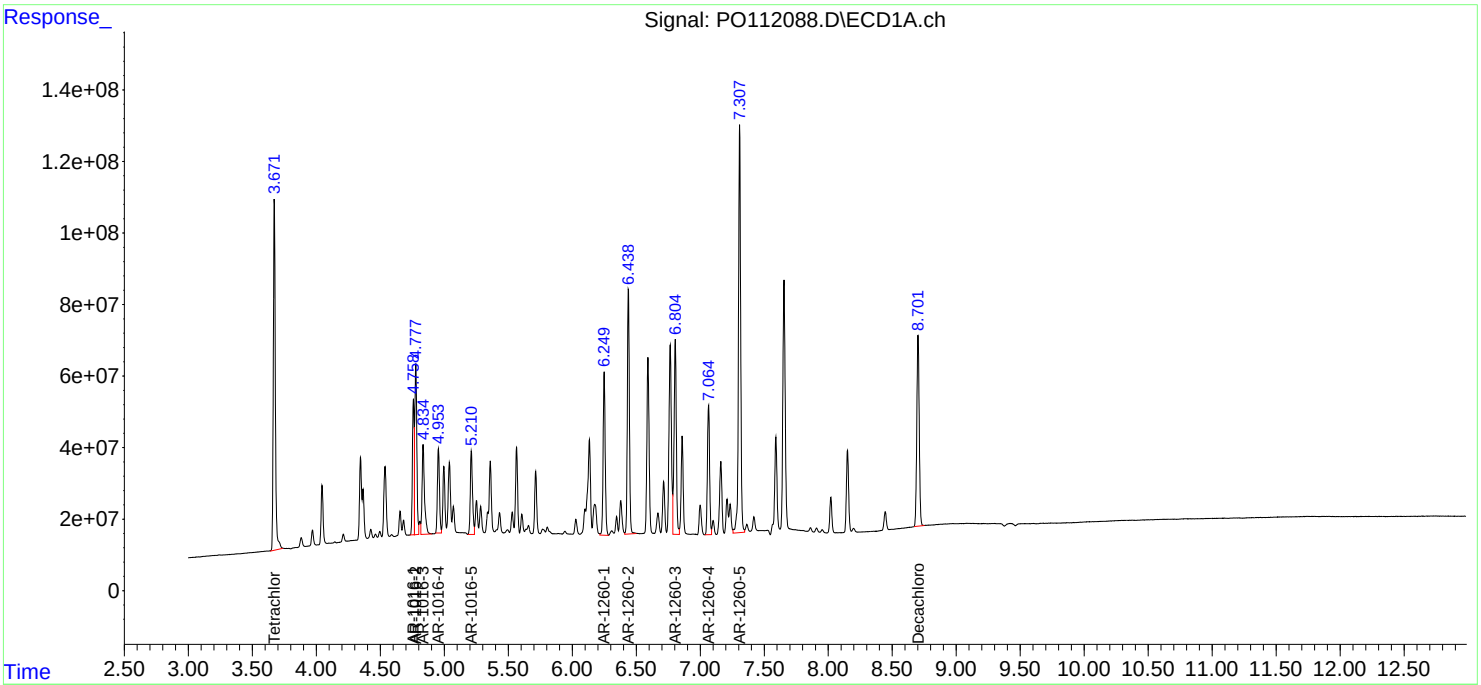
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

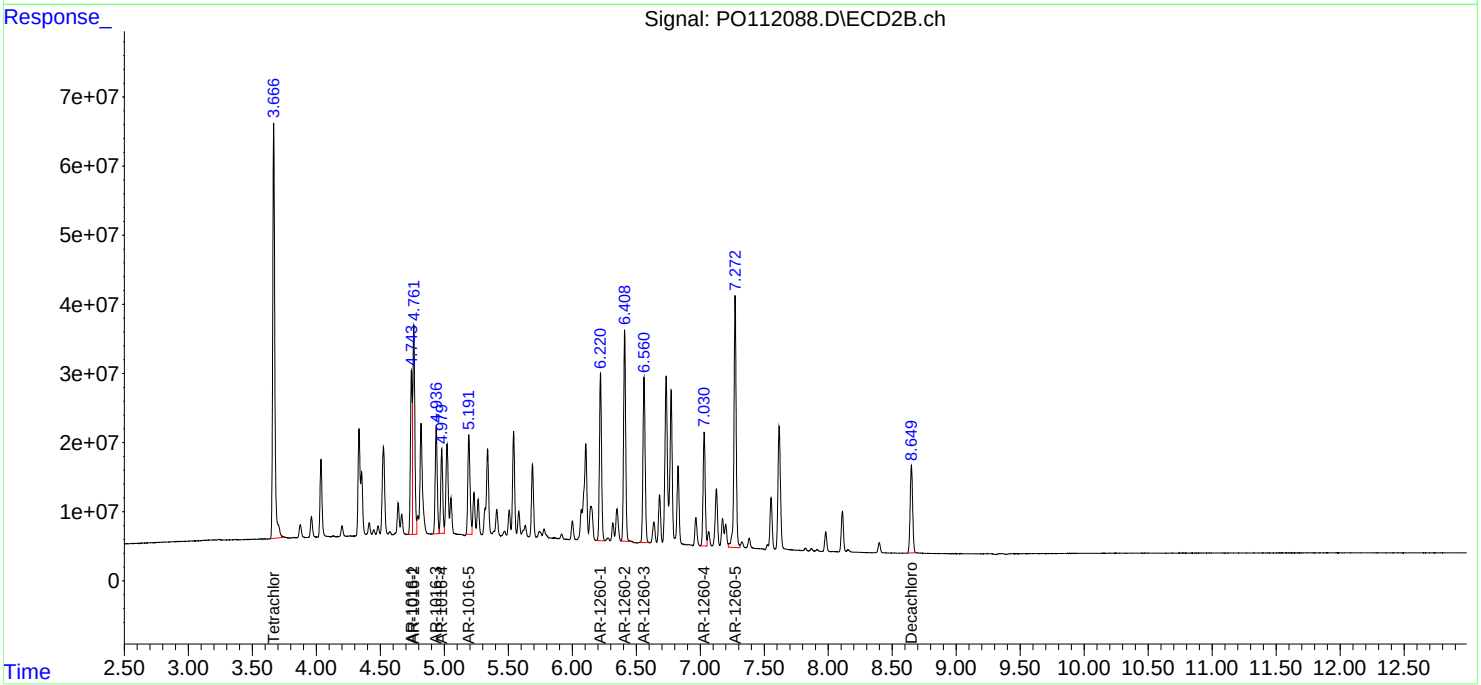
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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	3.666	785.6E6	501.7E6	74.111m	73.846m
2)	SA Decachlor...	8.704	8.650	536.0E6	131.6E6	75.070	75.207m
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	265.1E6	165.9E6	741.241	736.514
4)	L1 AR-1016-2	4.780	4.762	385.3E6	249.7E6	738.229	743.699
5)	L1 AR-1016-3	4.837	4.936	243.8E6	129.2E6	736.557	746.717m
6)	L1 AR-1016-4	4.956	4.979	197.7E6	101.0E6	741.523	743.789m
7)	L1 AR-1016-5	5.213	5.191	204.1E6	131.9E6	734.329	748.865m
31)	L7 AR-1260-1	6.252	6.221	385.5E6	206.7E6	744.352	743.536
32)	L7 AR-1260-2	6.441	6.409	563.9E6	254.9E6	745.065	746.483
33)	L7 AR-1260-3	6.808	6.560	509.8E6	212.3E6	746.212	739.991m
34)	L7 AR-1260-4	7.067	7.031	332.1E6	145.8E6	749.812	743.946
35)	L7 AR-1260-5	7.309	7.273	1000.2E6	336.4E6	749.018	750.945

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

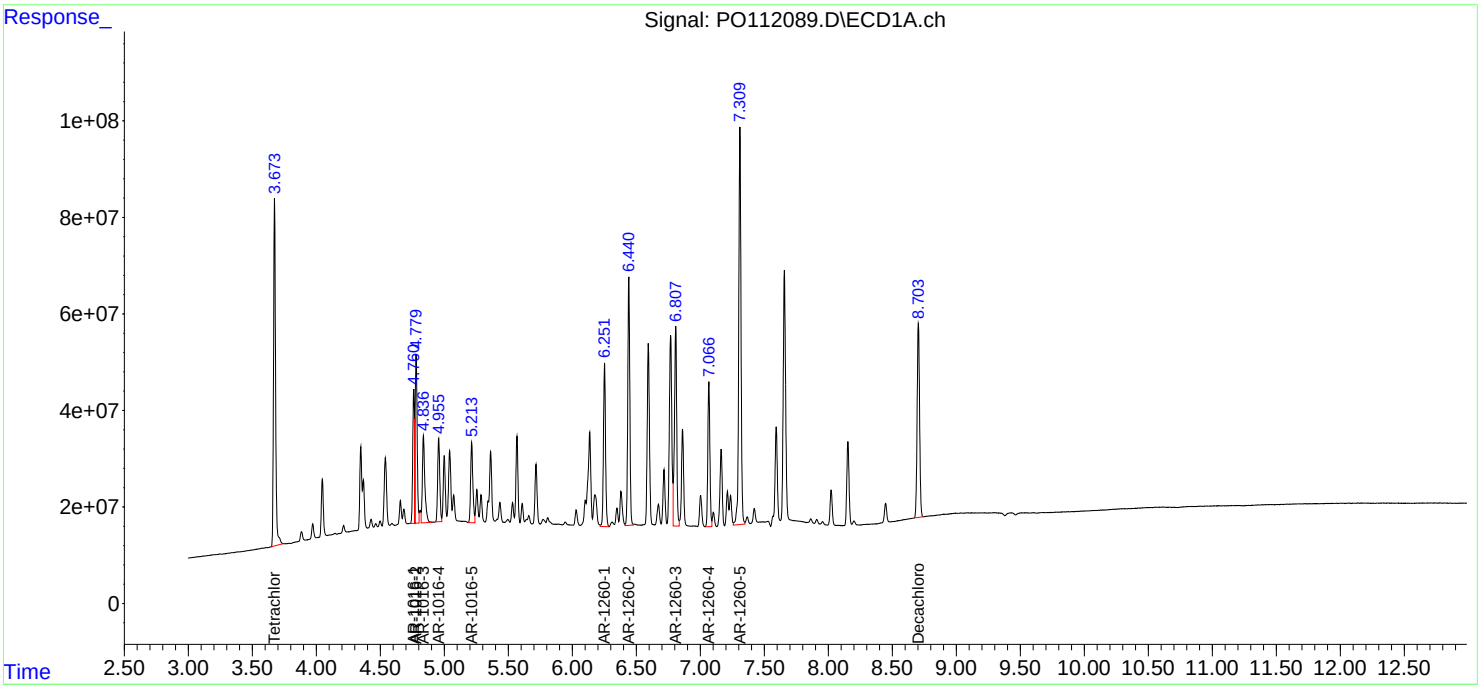
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

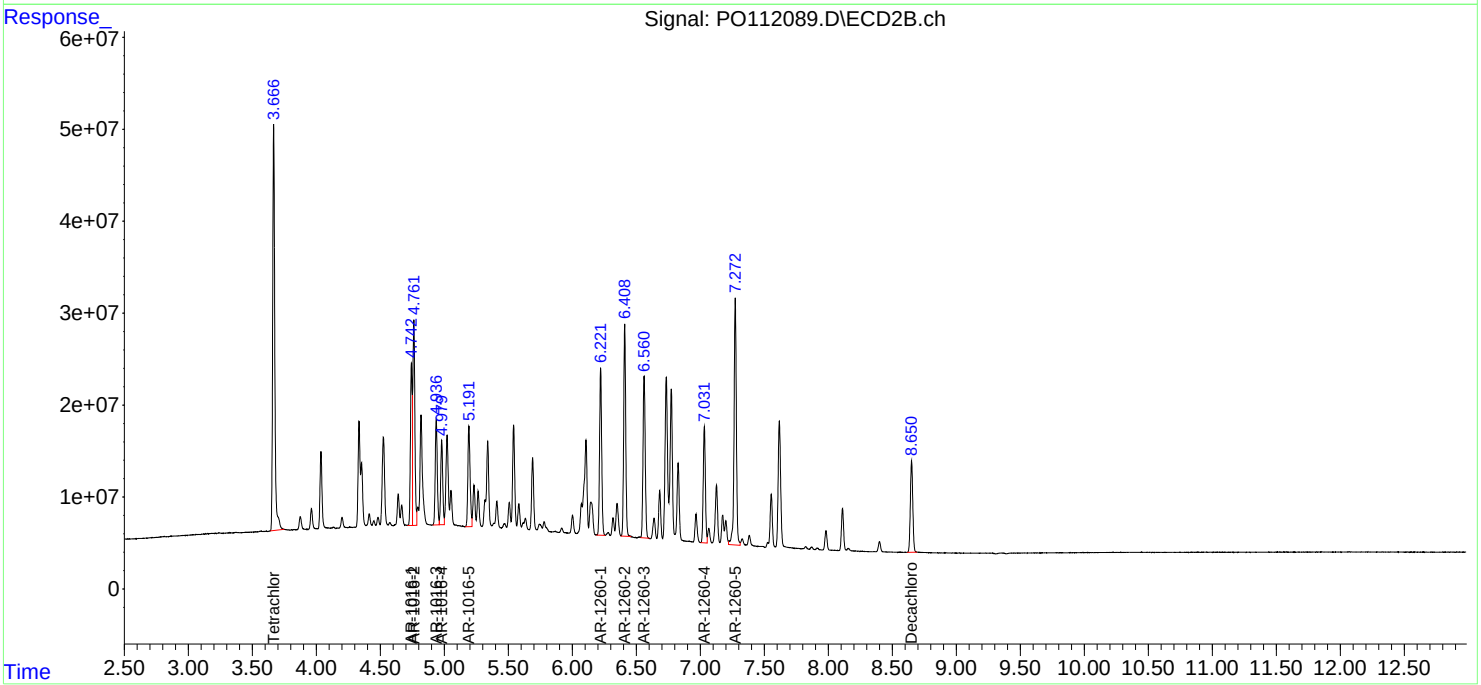
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:43
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: Jul 08 15:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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	3.684	525.7E6	341.2E6	50.000	50.000
2)	SA Decachlor...	8.703	8.668	359.1E6	89500378	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.761	179.3E6	114.9E6	500.000	500.000
4)	L1 AR-1016-2	4.780	4.779	263.6E6	170.4E6	500.000	500.000
5)	L1 AR-1016-3	4.836	4.954	167.5E6	88755203	500.000	500.000
6)	L1 AR-1016-4	4.956	4.997	134.5E6	70348152	500.000	500.000
7)	L1 AR-1016-5	5.213	5.209	140.2E6	91687095	500.000	500.000
31)	L7 AR-1260-1	6.251	6.238	262.3E6	142.2E6	500.000	500.000
32)	L7 AR-1260-2	6.441	6.426	381.5E6	172.5E6	500.000	500.000
33)	L7 AR-1260-3	6.807	6.578	348.6E6	146.6E6	500.000	500.000
34)	L7 AR-1260-4	7.067	7.048	228.8E6	101.6E6	500.000	500.000
35)	L7 AR-1260-5	7.309	7.290	658.6E6	228.0E6	500.000	500.000

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

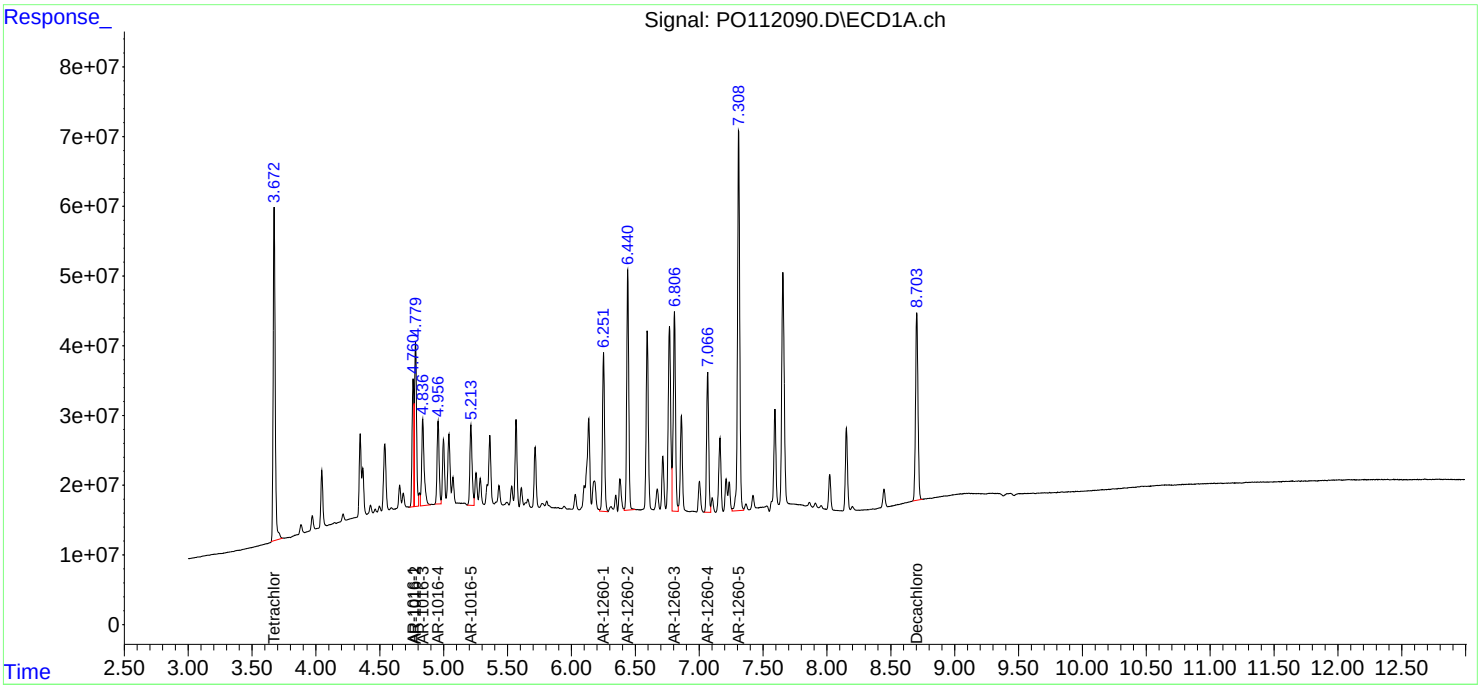
ICAL Form

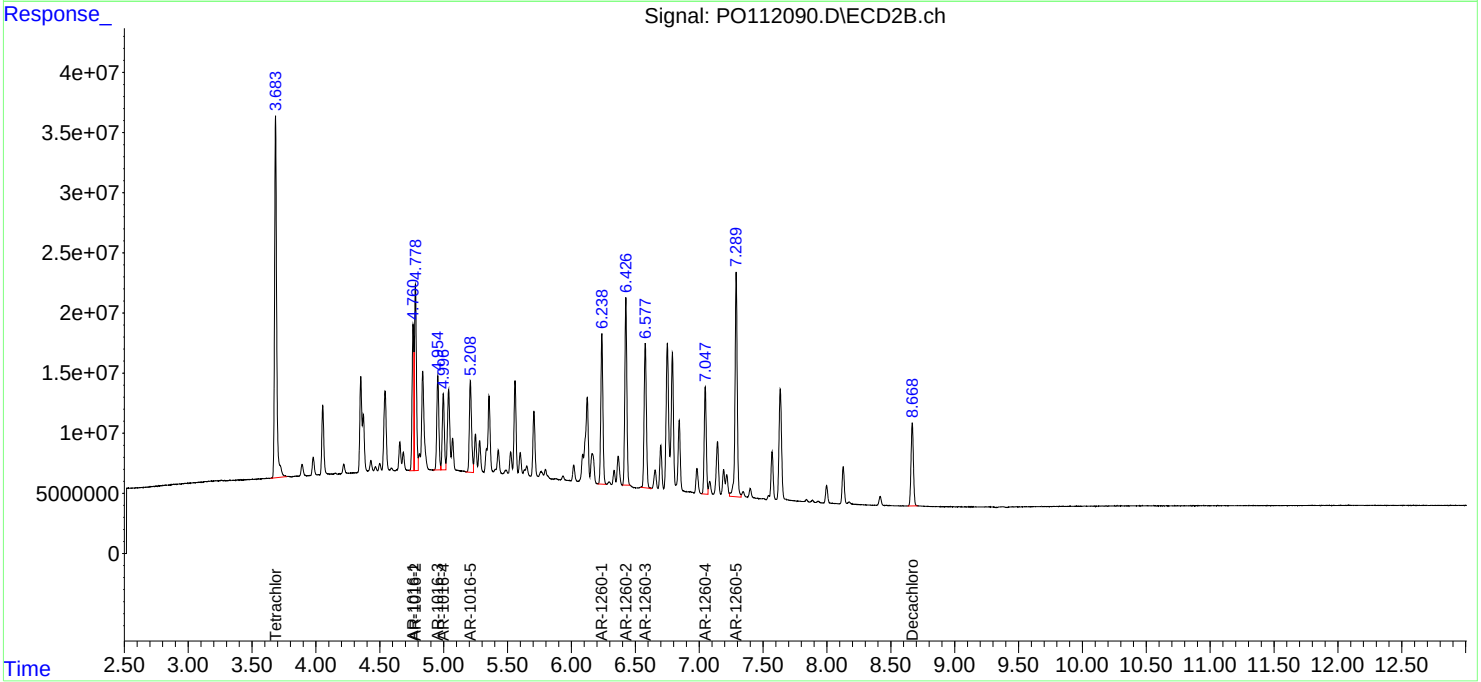
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:43
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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	3.666	254.6E6	166.5E6	24.239	24.620m
2)	SA Decachlor...	8.704	8.650	182.1E6	46559399	25.379	26.170m
	Target Compounds						
3)	L1 AR-1016-1	4.762	4.743	87952907	58858758	246.959	258.385
4)	L1 AR-1016-2	4.780	4.762	131.2E6	86217779	251.058	255.039
5)	L1 AR-1016-3	4.838	4.937	85456999	43830930	256.116	251.057
6)	L1 AR-1016-4	4.957	4.979	66370456	35386243	249.234	257.115
7)	L1 AR-1016-5	5.214	5.192	71497345	44870816	255.385	251.028
31)	L7 AR-1260-1	6.251	6.221	131.2E6	79739924	253.320m	276.656
32)	L7 AR-1260-2	6.441	6.409	185.2E6	91585006	246.068m	263.404
33)	L7 AR-1260-3	6.807	6.561	161.9E6	73700907	238.590m	254.910m
34)	L7 AR-1260-4	7.066	7.031	115.3E6	54771859	256.248m	271.502
35)	L7 AR-1260-5	7.309	7.272	324.7E6	120.8E6	242.889m	264.490

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

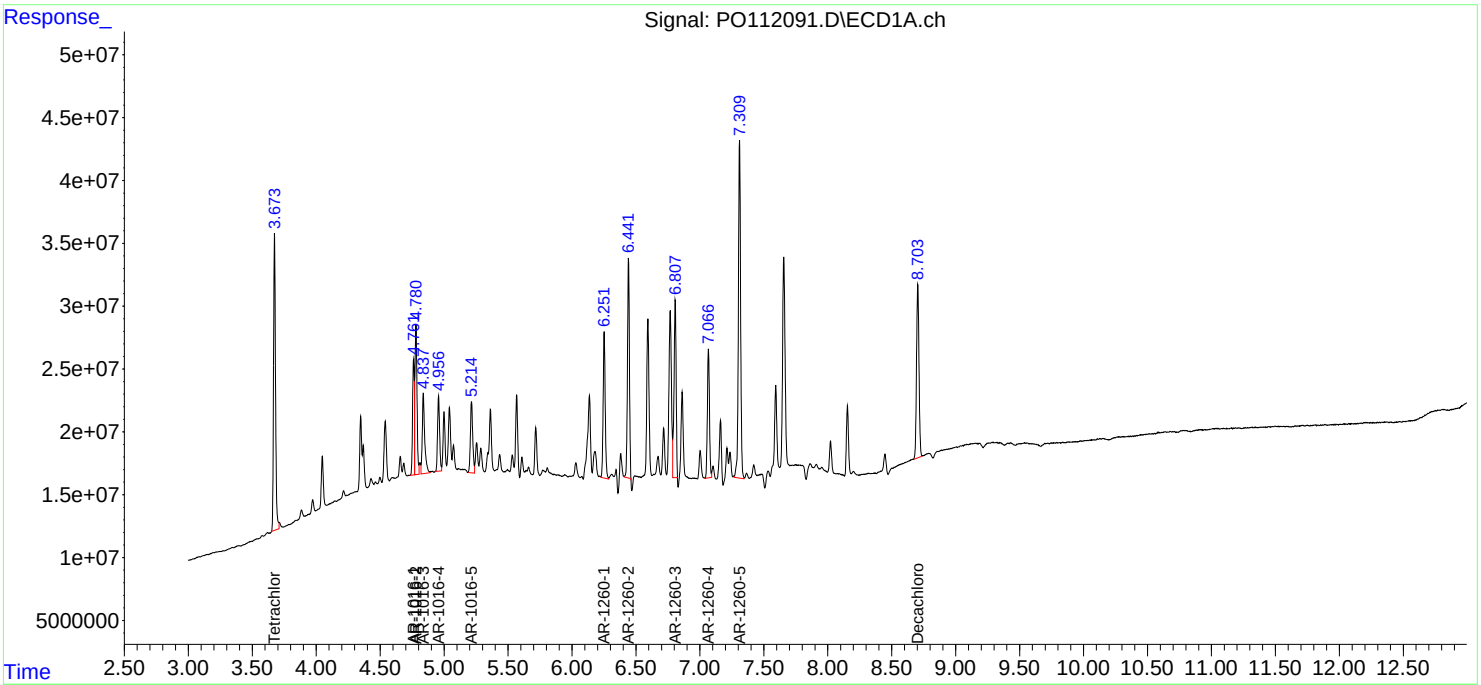
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

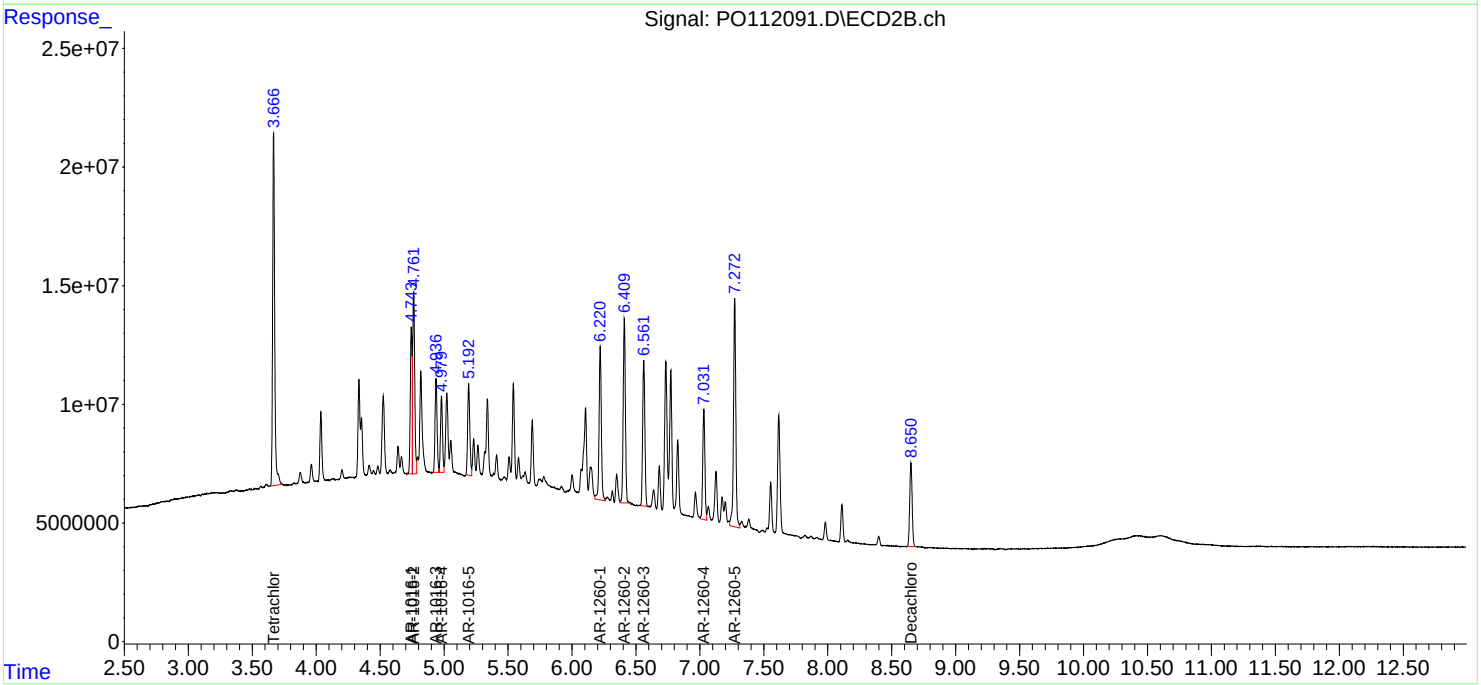
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 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...	3.673	3.666	37442397	24163066	3.784	3.793
2)	SA Decachlor...	8.703	8.650	27391770	7510514	4.006	4.354m
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	13802015	10149679	40.580	45.548
4)	L1 AR-1016-2	4.780	4.761	19790298	14662938	39.796	44.555
5)	L1 AR-1016-3	4.836	4.936	14195524	7549659	43.852	44.445
6)	L1 AR-1016-4	4.956	4.979	10940244	6781238	42.602	49.416
7)	L1 AR-1016-5	5.211	5.191	12423751	7528374	45.100m	43.655
31)	L7 AR-1260-1	6.250	6.220	21371774	12495016	42.836m	44.579m
32)	L7 AR-1260-2	6.440	6.408	33970556	15459479	46.386m	45.388m
33)	L7 AR-1260-3	6.806	6.559	29007819	11088040	44.254	40.234
34)	L7 AR-1260-4	7.066	7.030	19317003	9814007	44.382	48.912
35)	L7 AR-1260-5	7.309	7.272	50382935	20576692	39.906	45.958

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

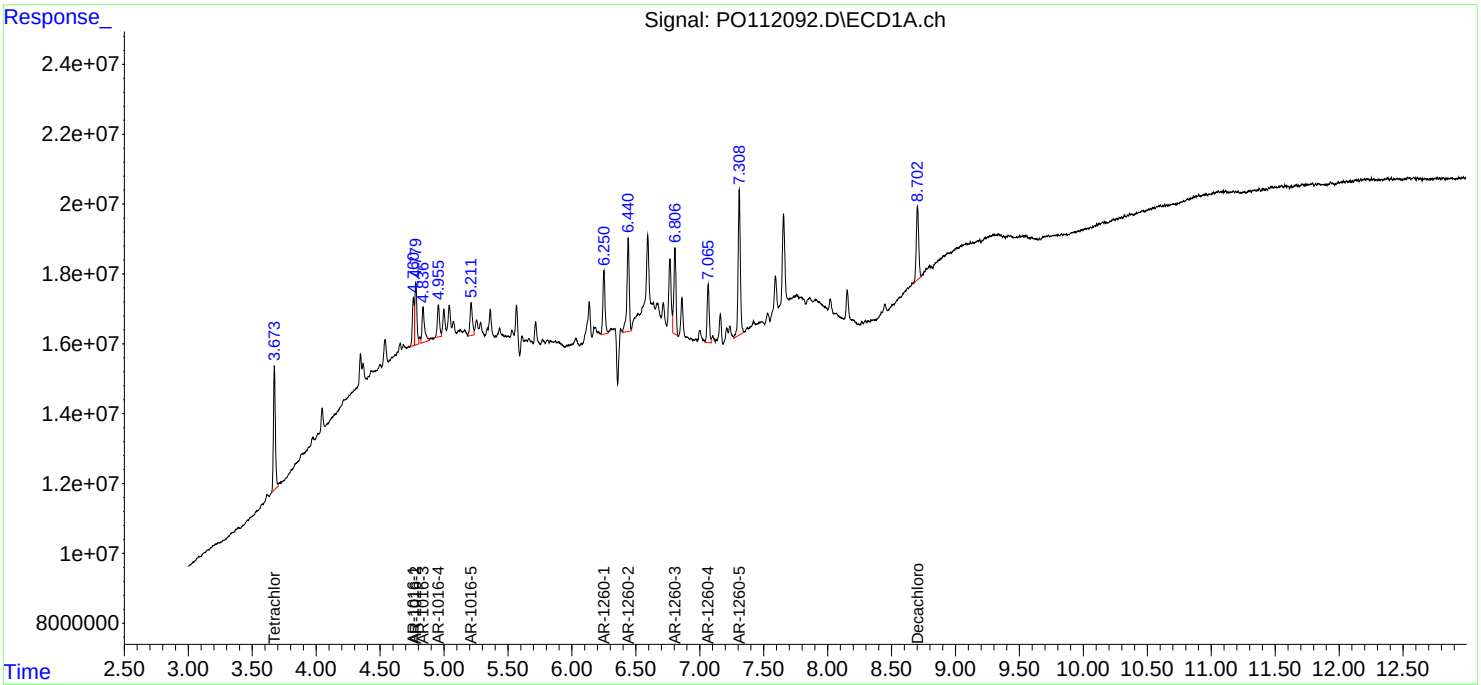
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

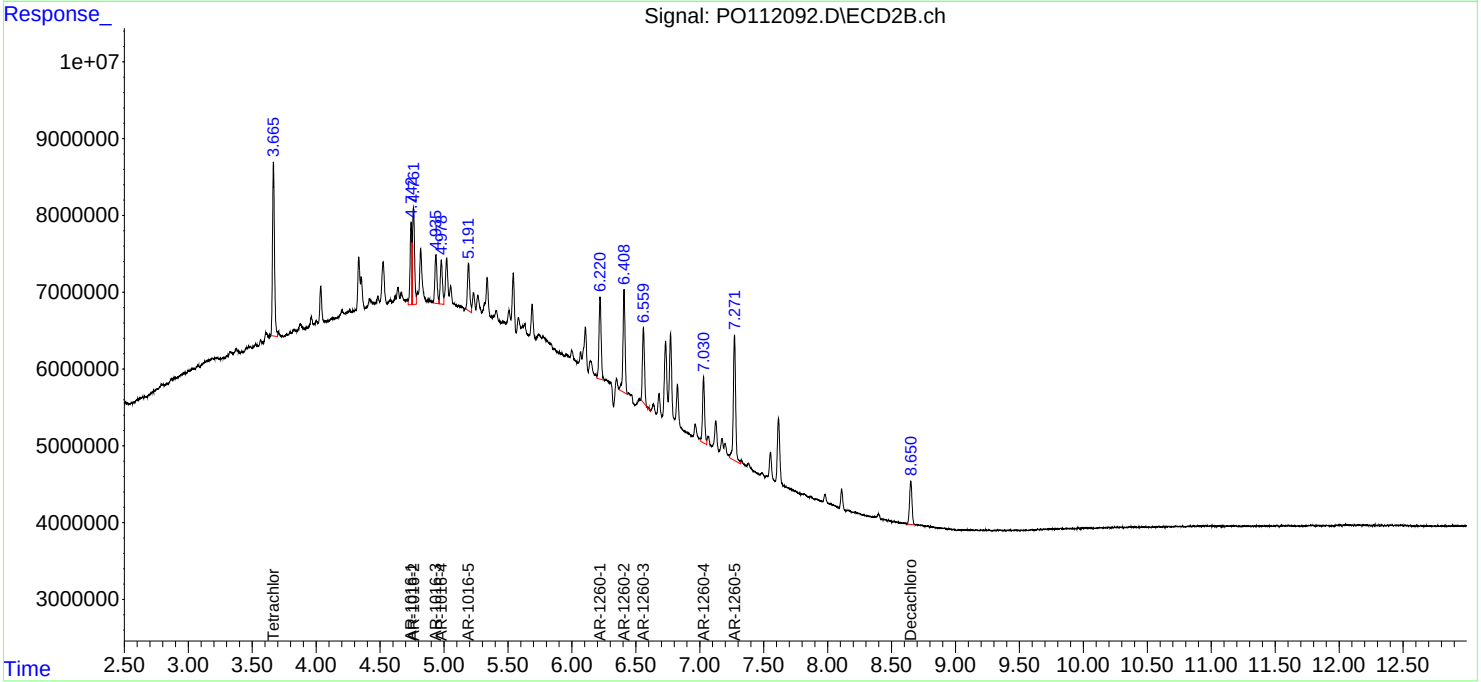
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:38
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: Jul 09 02:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:08:52 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...	3.671	3.666	491.3E6	310.8E6	50.000	50.000
2)	SA Decachlor...	8.701	8.649	354.6E6	89358669	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.883	3.875	58306973	41147512	500.000	500.000
9)	L2 AR-1221-2	3.969	3.960	39420252	29676775	500.000	500.000
10)	L2 AR-1221-3	4.045	4.036	134.8E6	94388324	500.000	500.000

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

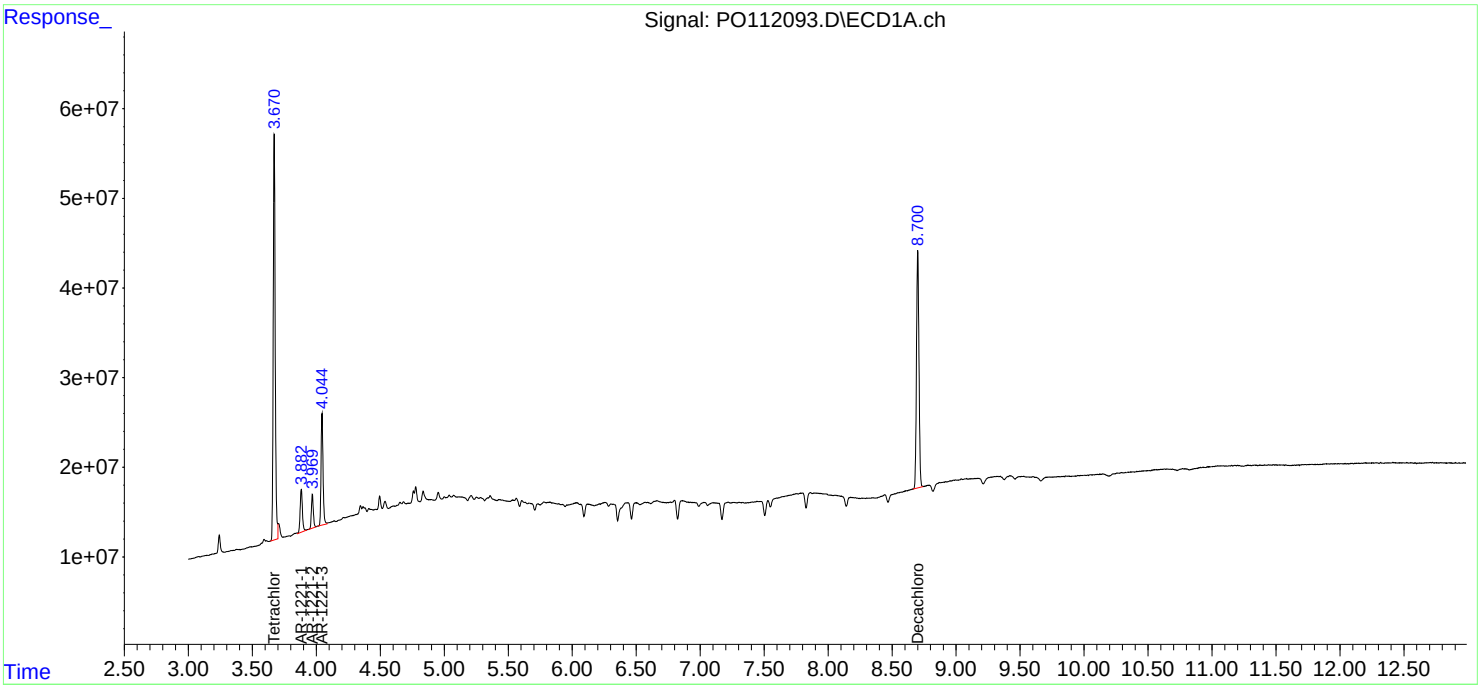
ICAL Form

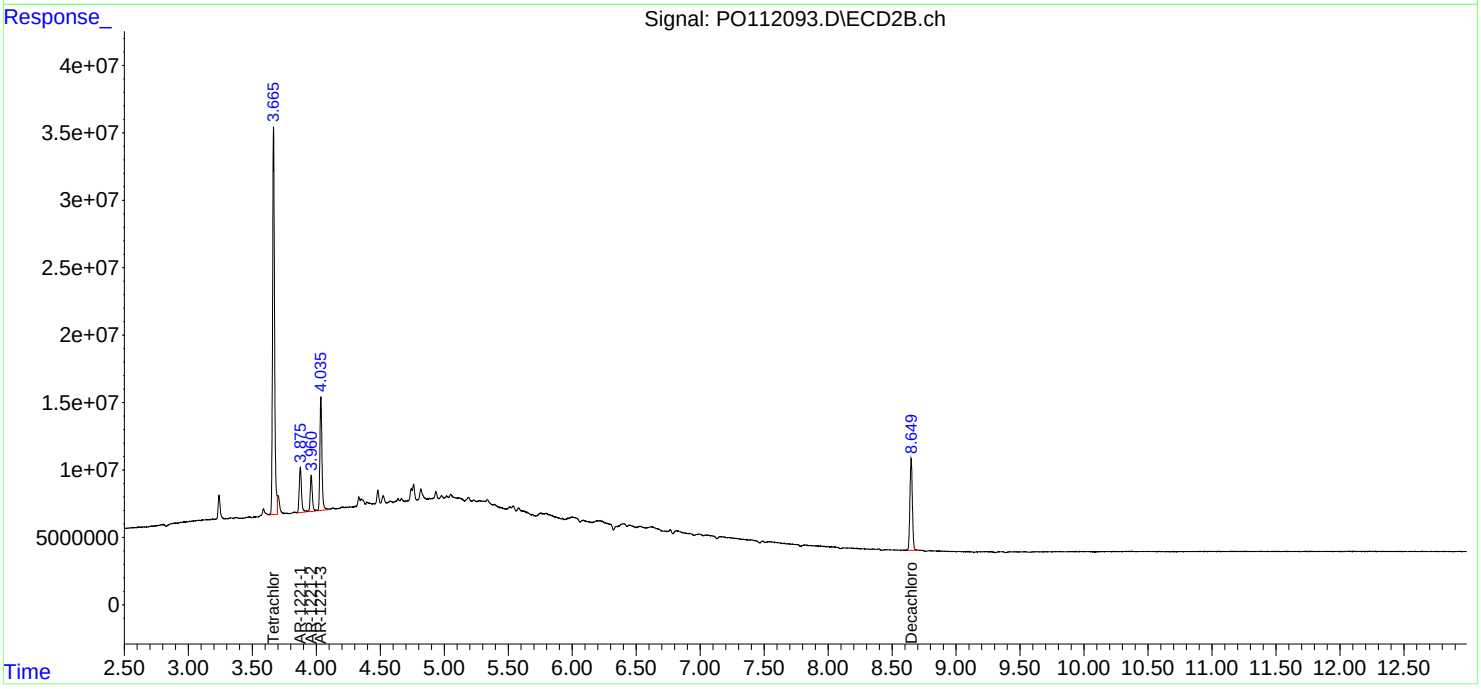
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:38
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:08:52 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:57
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: Jul 09 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:18:55 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	3.667	508.1E6	328.2E6	50.000	50.000
2)	SA Decachlor...	8.703	8.649	348.2E6	88061507	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.047	4.036	107.3E6	75049686	500.000	500.000
12)	L3 AR-1232-2	4.539	4.761	56818484	76542867	500.000	500.000
13)	L3 AR-1232-3	4.780	4.936	114.5E6	37753016	500.000	500.000
14)	L3 AR-1232-4	4.956	5.021	57148344	32994097	500.000	500.000
15)	L3 AR-1232-5	4.999	5.191	36700121	37129963	500.000	500.000

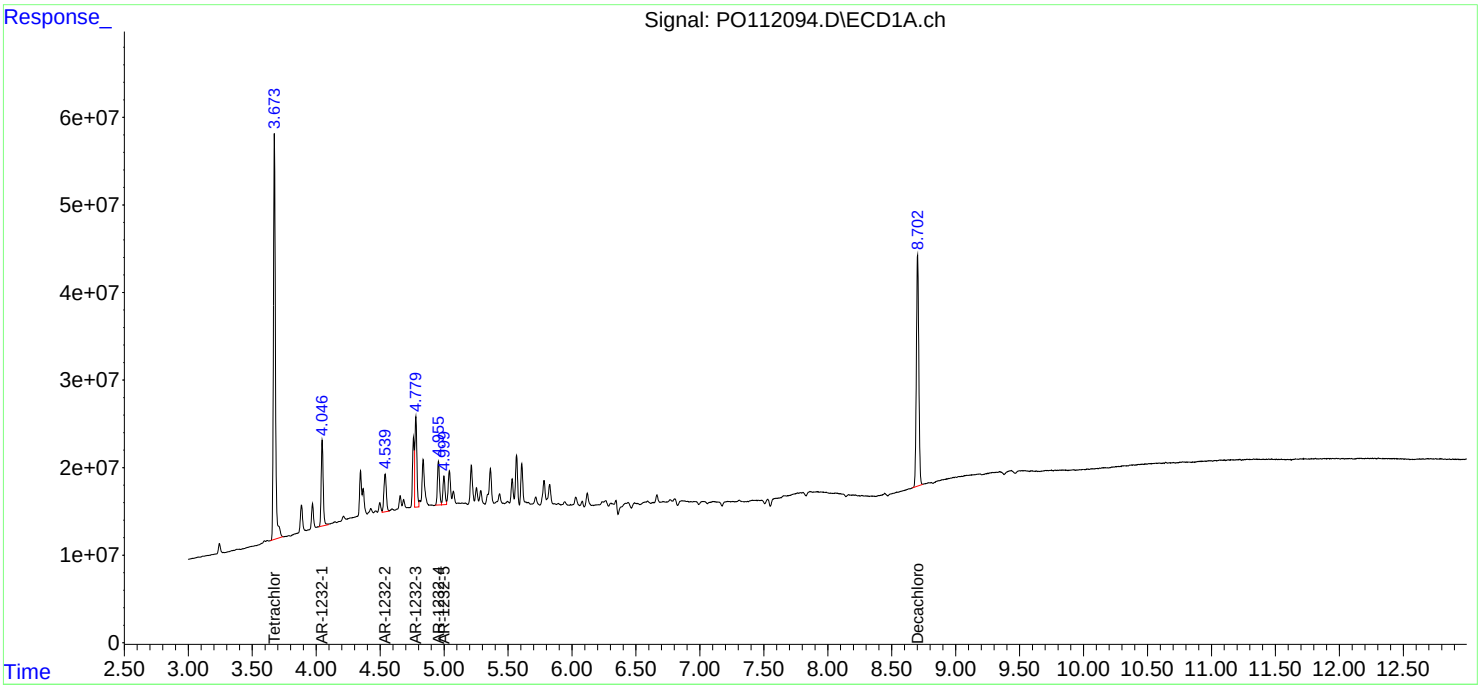
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

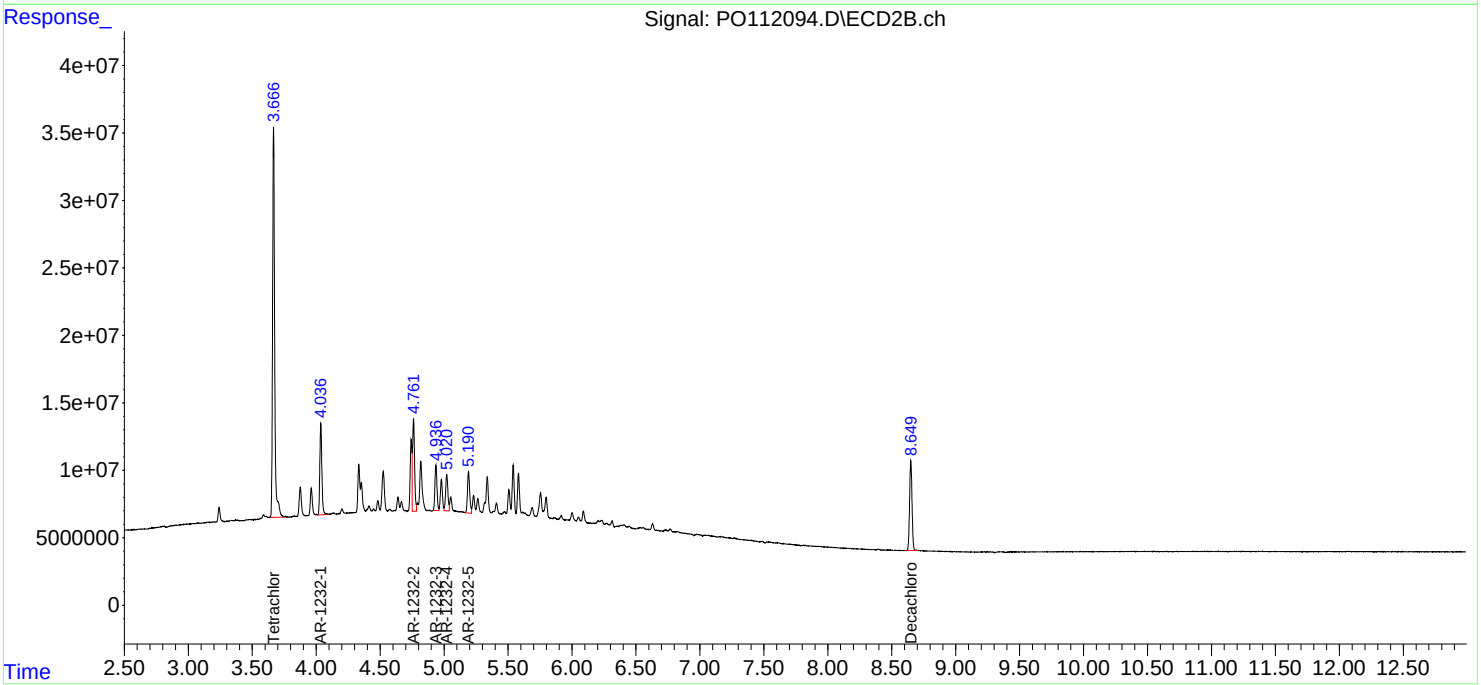
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:57
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:18:55 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:15
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: Jul 09 02:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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	3.667	1004.8E6	640.9E6	95.343	95.216
2)	SA Decachlor...	8.703	8.651	698.0E6	169.5E6	97.460	94.180
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.744	285.0E6	180.6E6	941.908	920.490
17)	L4 AR-1242-2	4.780	4.762	425.0E6	267.1E6	945.333	925.046
18)	L4 AR-1242-3	4.837	4.937	267.3E6	139.4E6	930.232	929.182
19)	L4 AR-1242-4	4.957	5.022	217.5E6	132.6E6	938.623	923.575
20)	L4 AR-1242-5	5.608	5.541	218.4E6	169.3E6	972.805	904.772

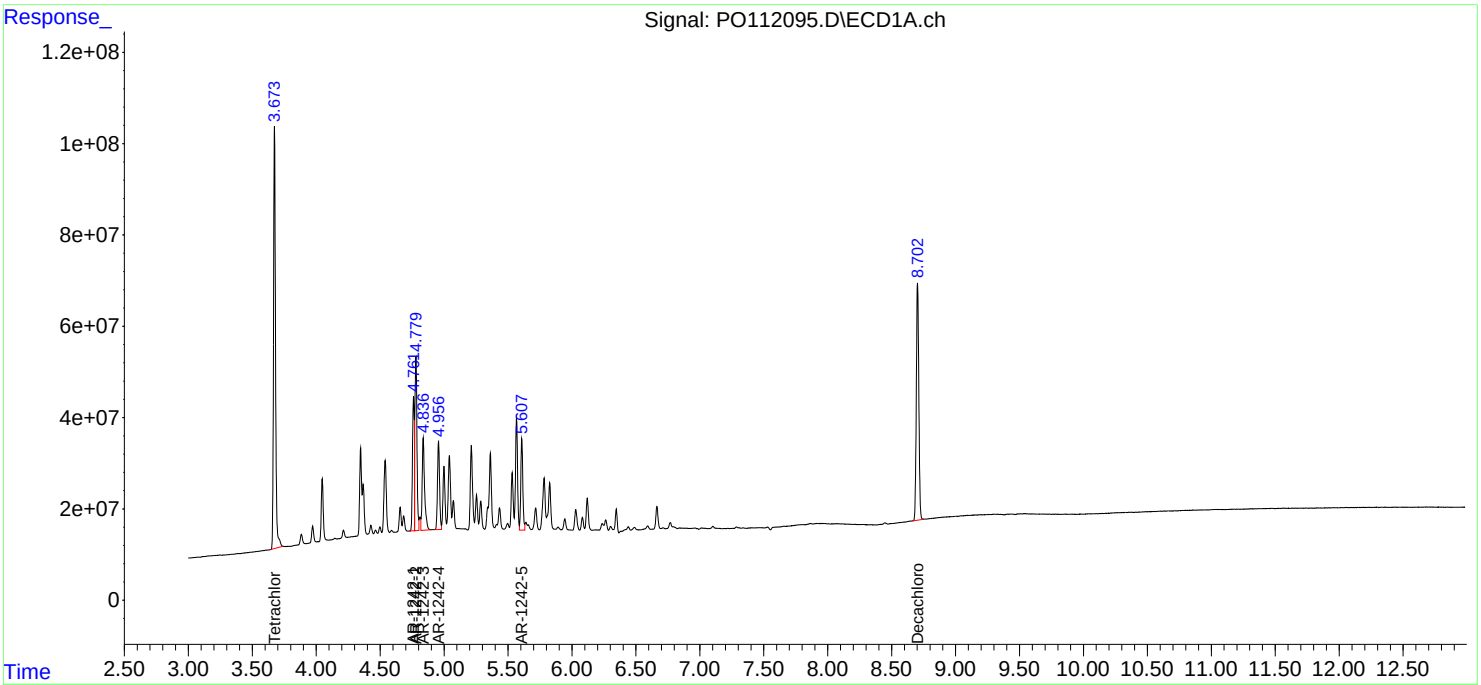
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

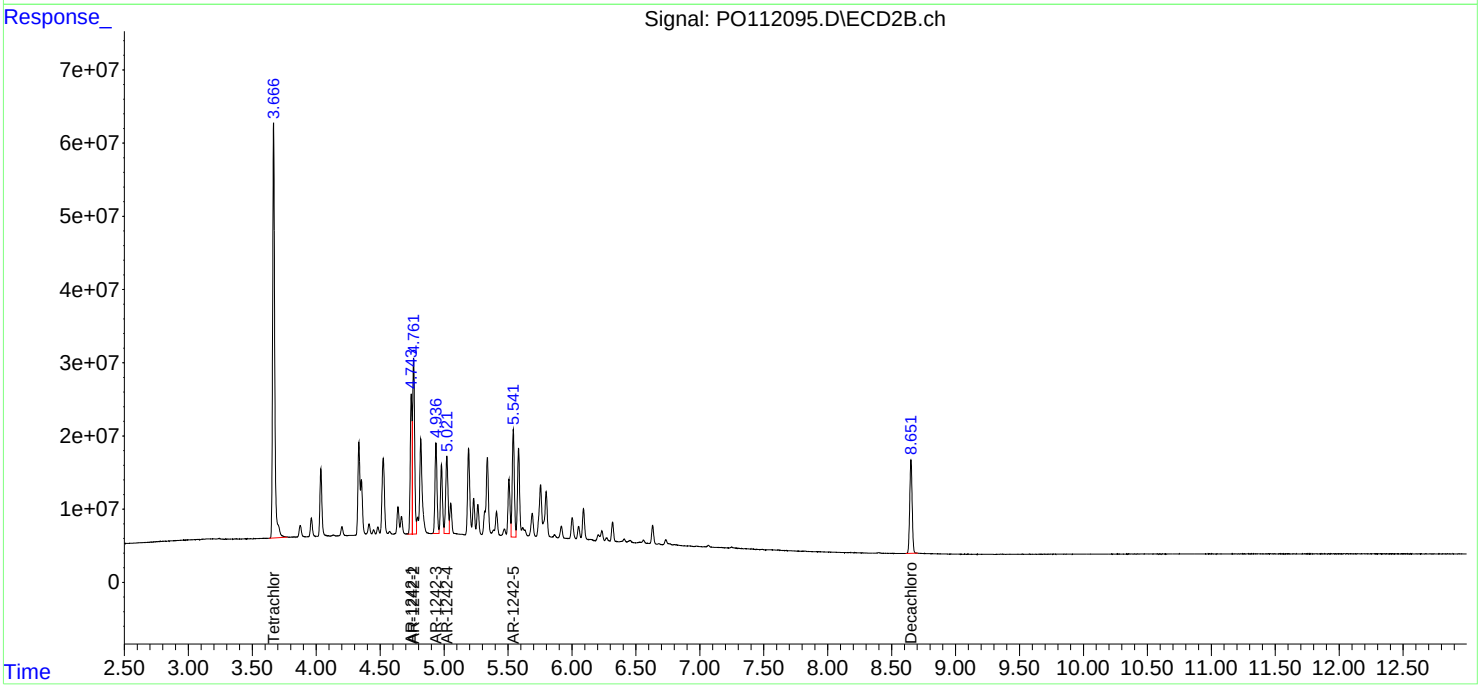
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:15
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:34
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: Jul 09 02:30:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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	3.666	806.4E6	515.4E6	76.520	76.575
2)	SA Decachlor...	8.704	8.650	536.1E6	132.4E6	74.848	73.593
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.743	229.3E6	145.7E6	757.886	742.820
17)	L4 AR-1242-2	4.780	4.761	338.7E6	214.4E6	753.331	742.460
18)	L4 AR-1242-3	4.837	4.936	213.9E6	112.4E6	744.270	749.423
19)	L4 AR-1242-4	4.956	5.021	174.1E6	106.9E6	751.378	744.191
20)	L4 AR-1242-5	5.608	5.540	174.3E6	136.6E6	776.440	729.978

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

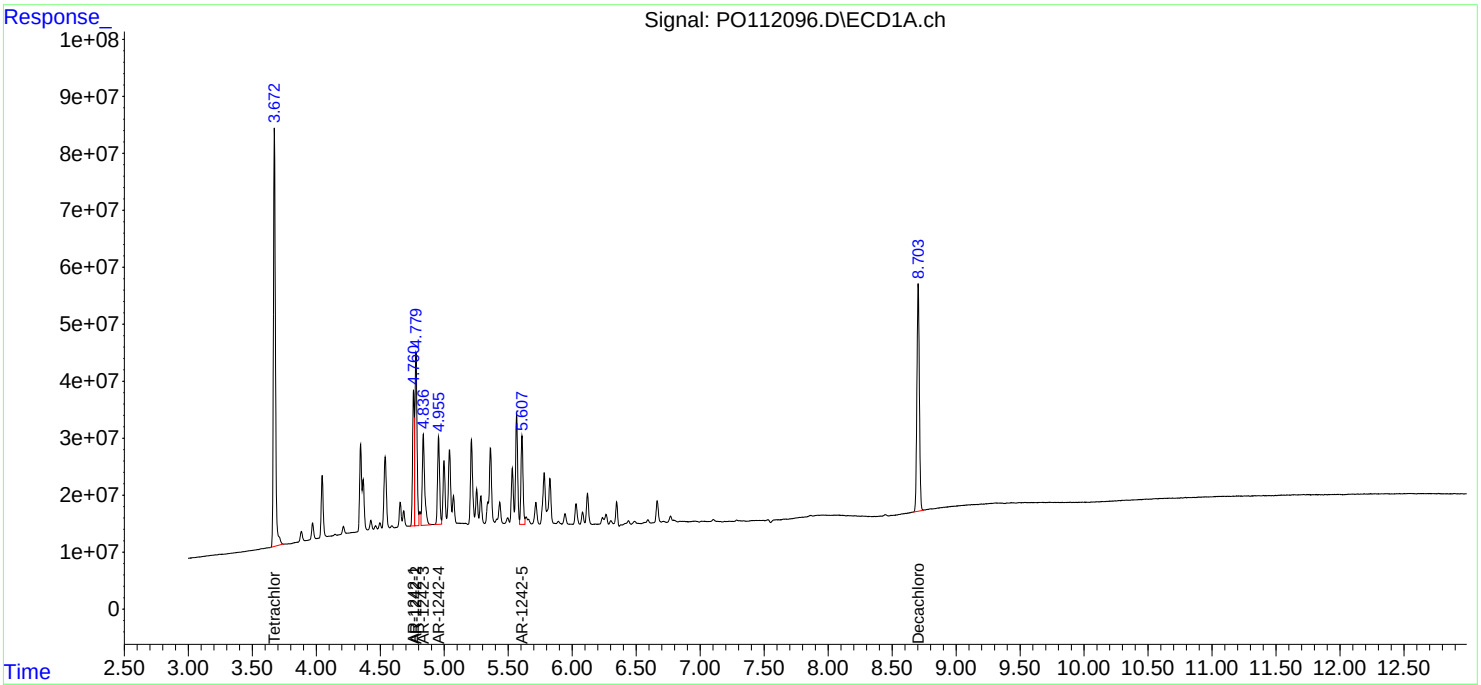
ICAL Form

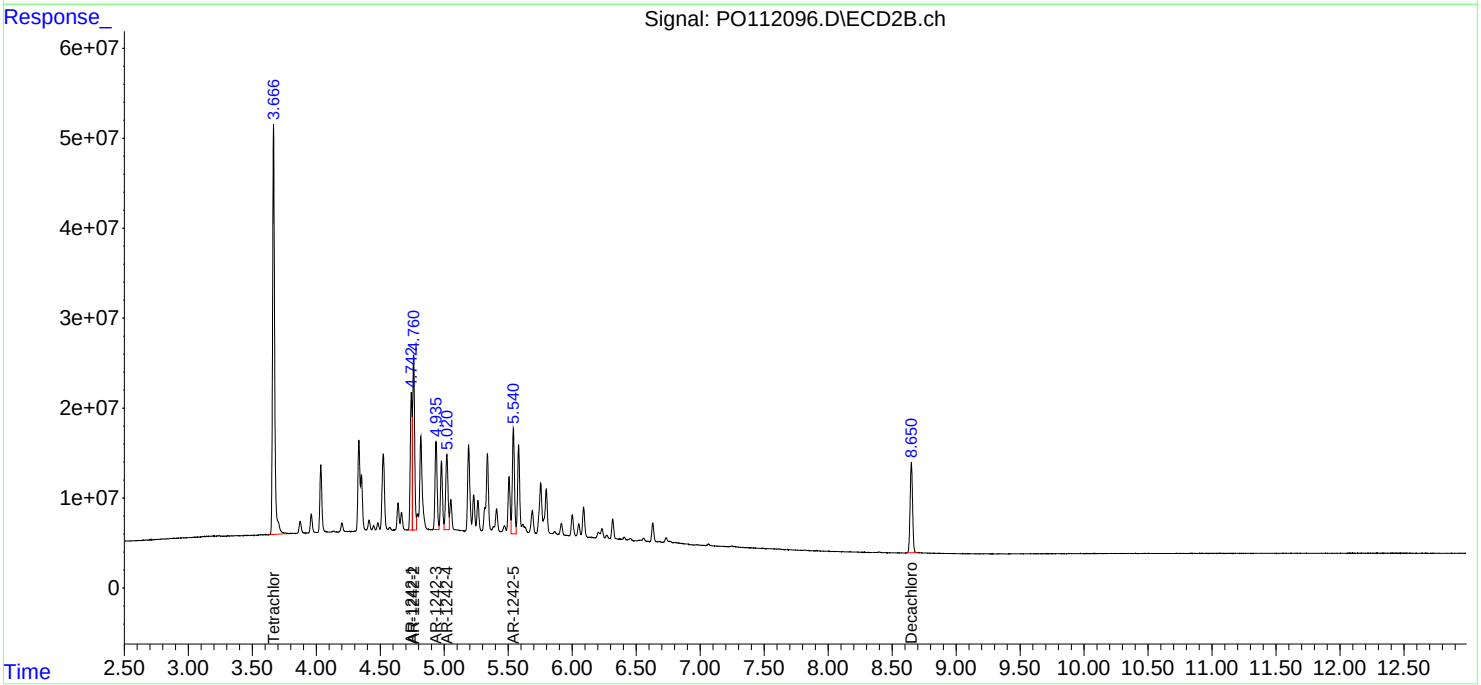
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:34
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:52
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: Jul 09 02:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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...	3.672	3.666	526.9E6	336.5E6	50.000	50.000
2)	SA Decachlor...	8.703	8.650	358.1E6	89986417	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.760	4.742	151.3E6	98077221	500.000	500.000
17)	L4 AR-1242-2	4.778	4.760	224.8E6	144.4E6	500.000	500.000
18)	L4 AR-1242-3	4.835	4.936	143.7E6	75006072	500.000	500.000
19)	L4 AR-1242-4	4.955	5.020	115.9E6	71812102	500.000	500.000
20)	L4 AR-1242-5	5.607	5.540	112.3E6	93535709	500.000	500.000

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

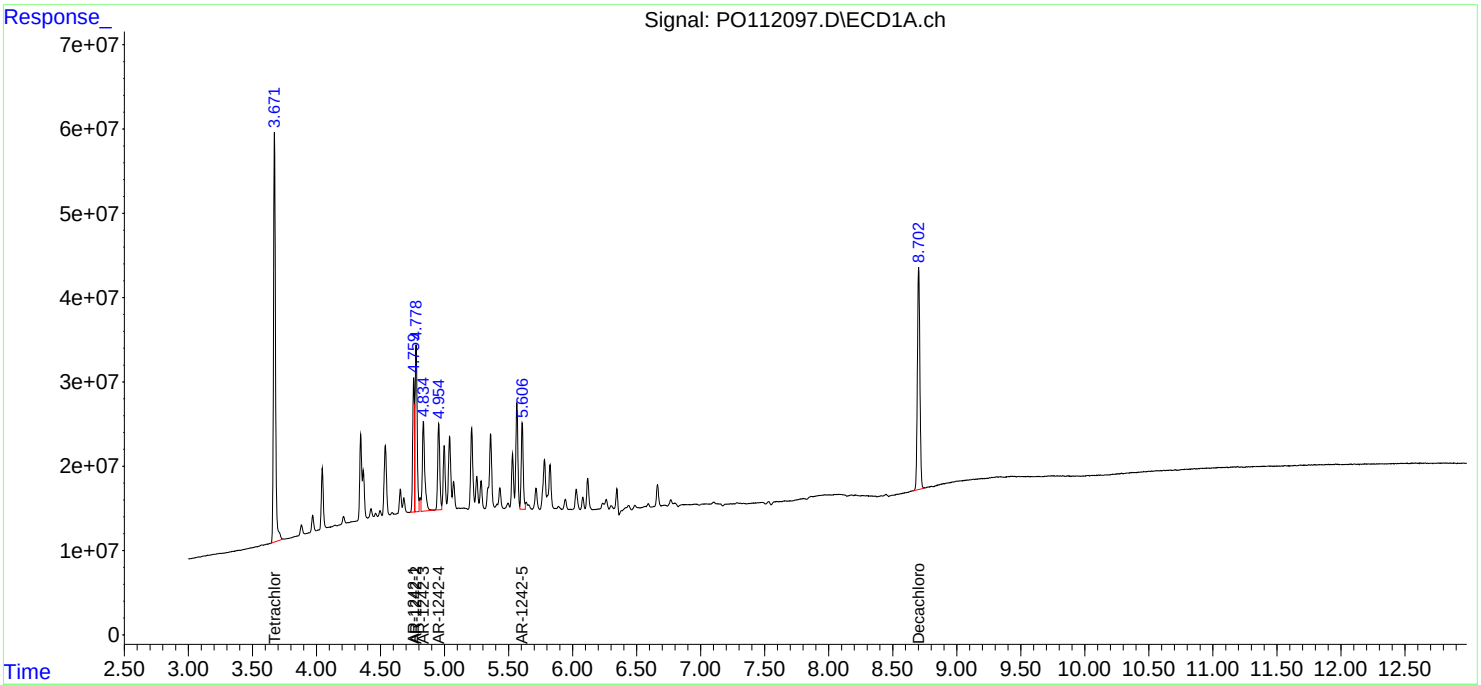
ICAL Form

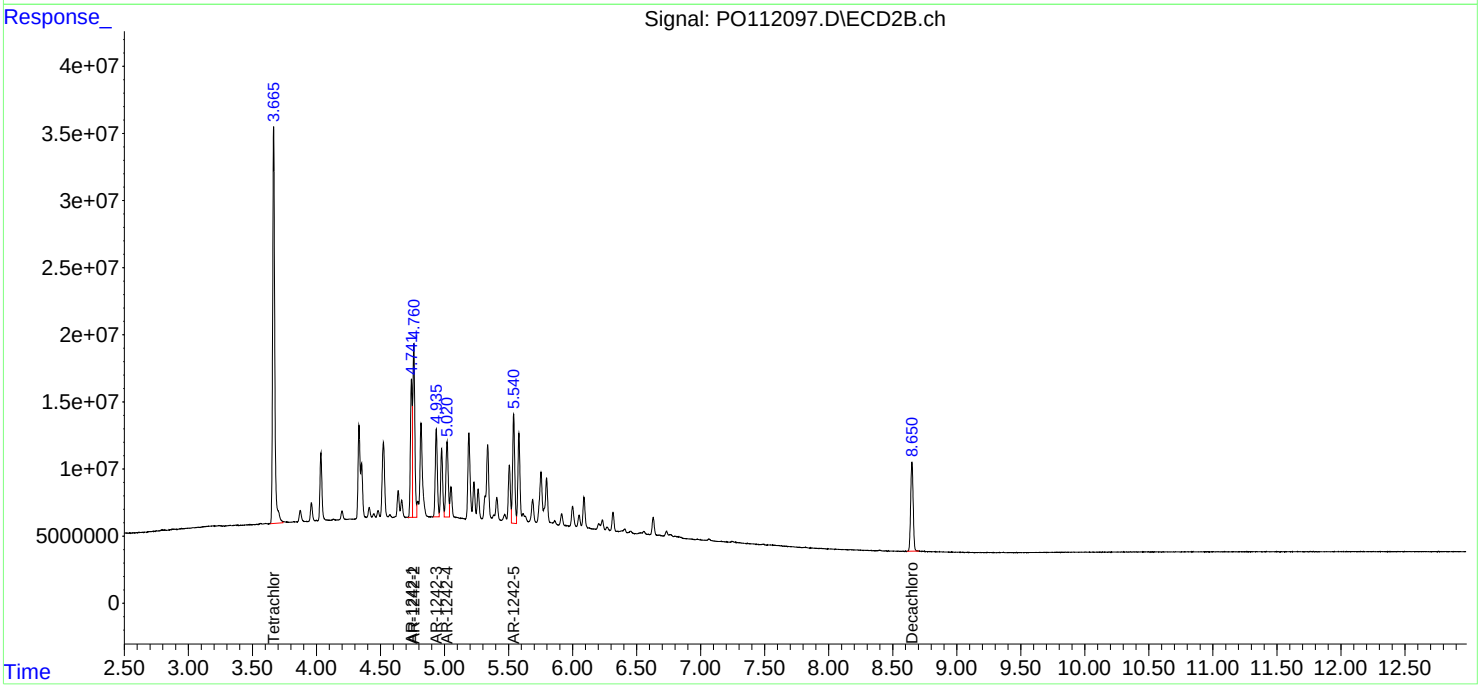
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:52
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:11
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: Jul 09 02:31:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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	3.667	263.1E6	169.2E6	24.966	25.134
2)	SA Decachlor...	8.703	8.650	178.3E6	46660840	24.893	25.927
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.744	75657146	51480221	250.034	262.447
17)	L4 AR-1242-2	4.780	4.762	112.0E6	74327588	249.114	257.374
18)	L4 AR-1242-3	4.837	4.937	72112951	38588282	250.935	257.234
19)	L4 AR-1242-4	4.957	5.021	58094987	37459928	250.682	260.819
20)	L4 AR-1242-5	5.608	5.541	57886671	49852424	257.821	266.489

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

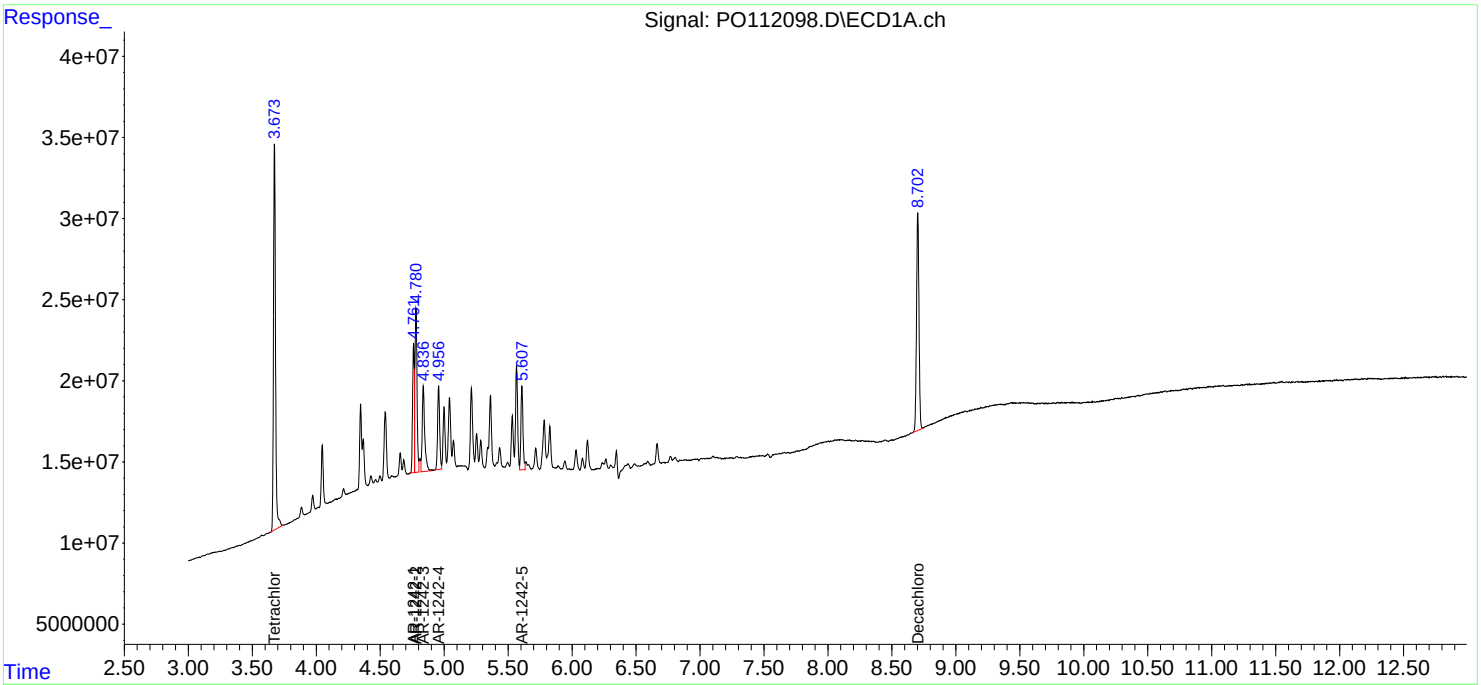
ICAL Form

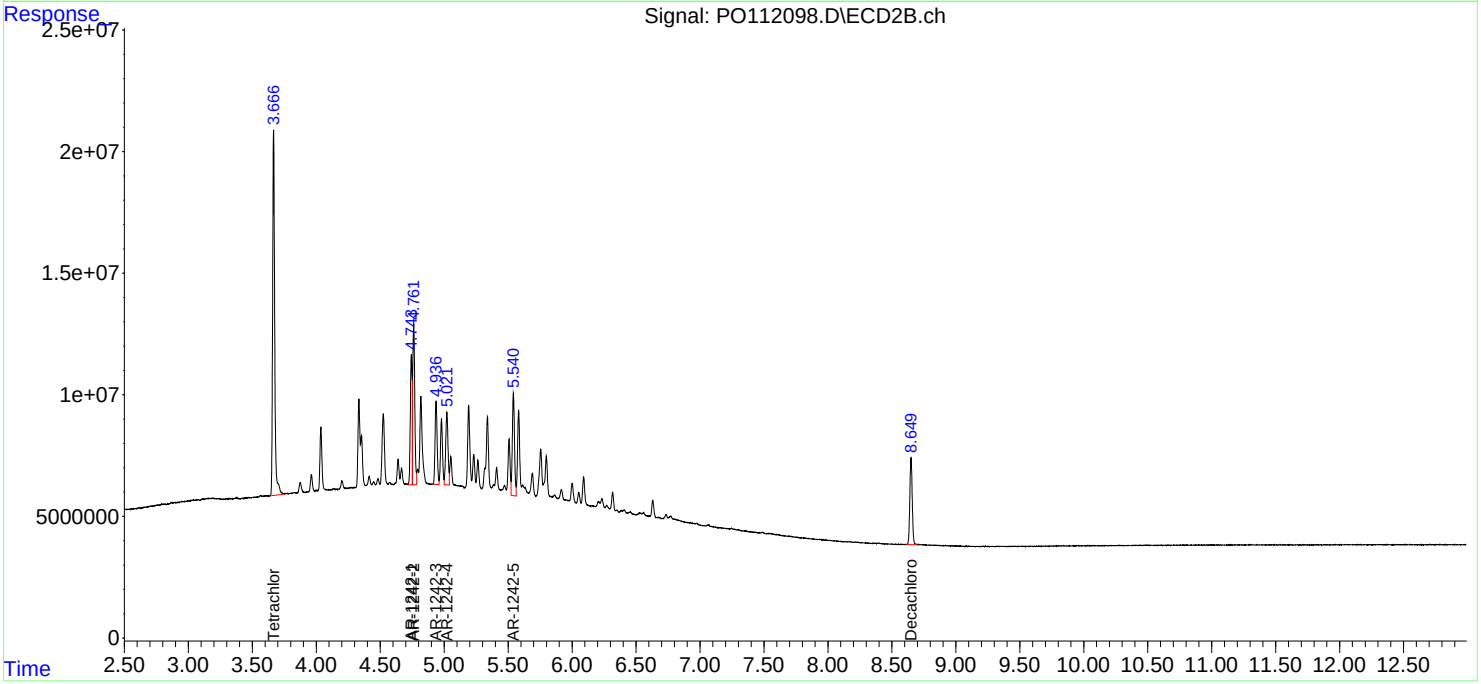
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:11
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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	3.666	42912716	27696407	4.072	4.115
2)	SA Decachlor...	8.704	8.650	28291682	7899910	3.950	4.390
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.743	12609363	9619088	41.672	49.038
17)	L4 AR-1242-2	4.780	4.761	17776215	13881256	39.541	48.067
18)	L4 AR-1242-3	4.837	4.937	12004480	6736786	41.773	44.908
19)	L4 AR-1242-4	4.957	5.021	10638220	7029005	45.904	48.940
20)	L4 AR-1242-5	5.608	5.541	7571568	8542753	33.723m	45.666m#

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

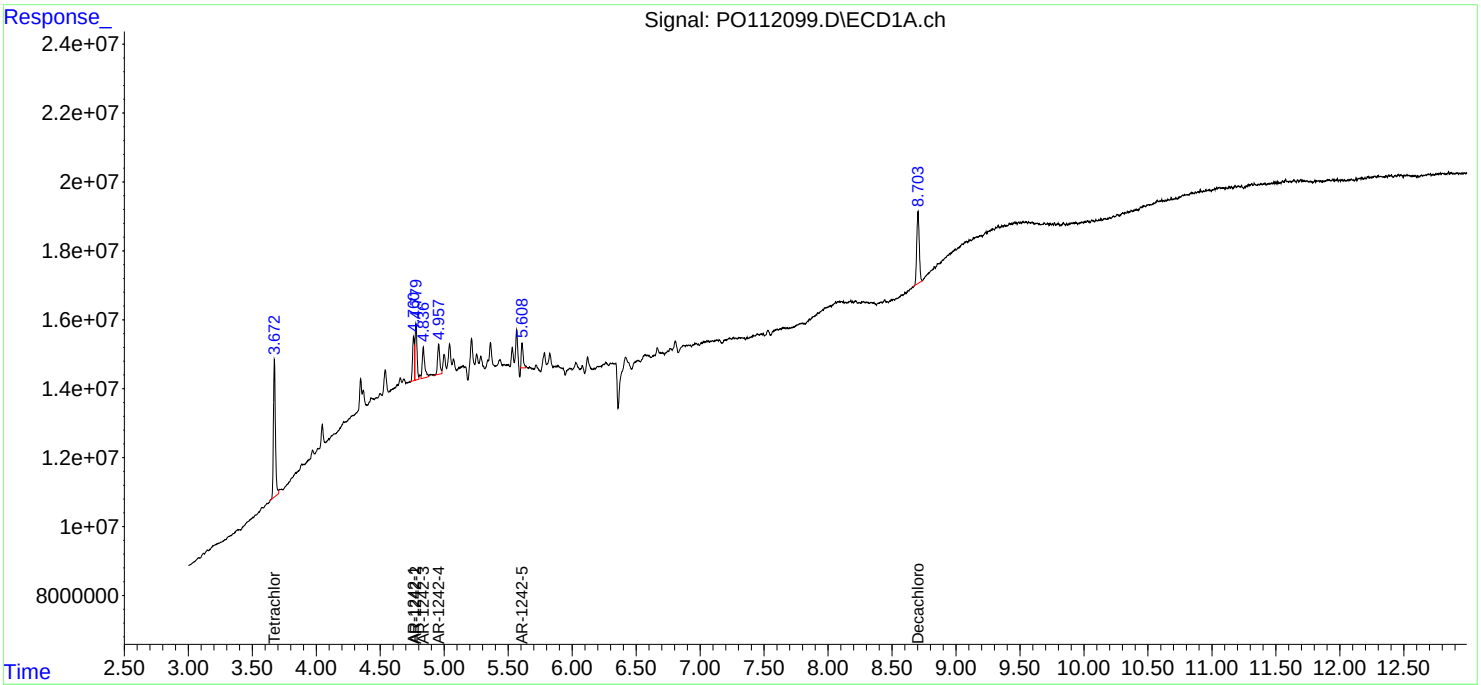
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

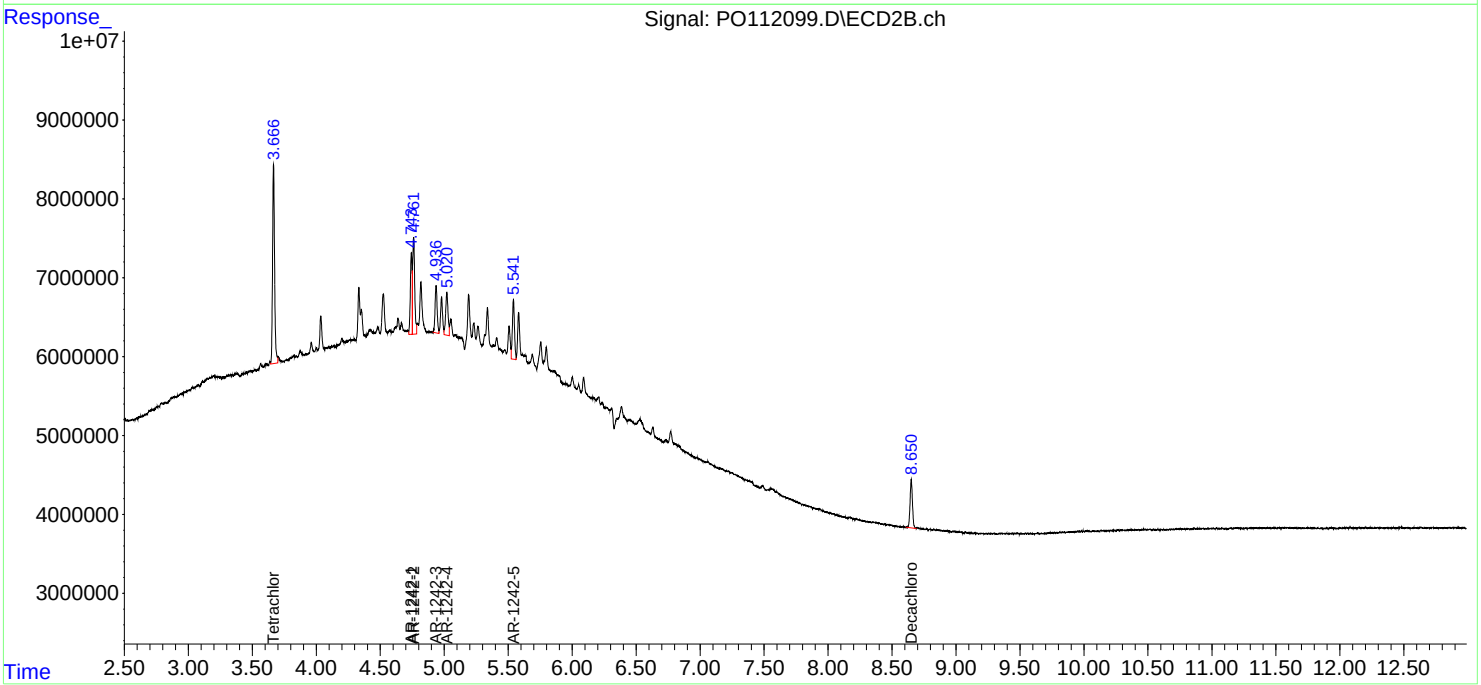
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:48
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: Jul 09 02:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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...	3.672	3.666	1096.6E6	692.2E6	104.113	104.038
2)	SA Decachlor...	8.704	8.650	716.5E6	174.1E6	98.706	94.881
	Target Compounds						
21)	L5 AR-1248-1	4.760	4.743	231.9E6	148.4E6	1018.654	991.552
22)	L5 AR-1248-2	4.999	4.978	312.2E6	200.2E6	1016.179	985.440
23)	L5 AR-1248-3	5.213	5.020	394.9E6	210.9E6	1005.052	990.919
24)	L5 AR-1248-4	5.566	5.190	577.1E6	249.5E6	1002.758	984.112
25)	L5 AR-1248-5	5.607	5.581	391.1E6	244.4E6	1001.154	973.721

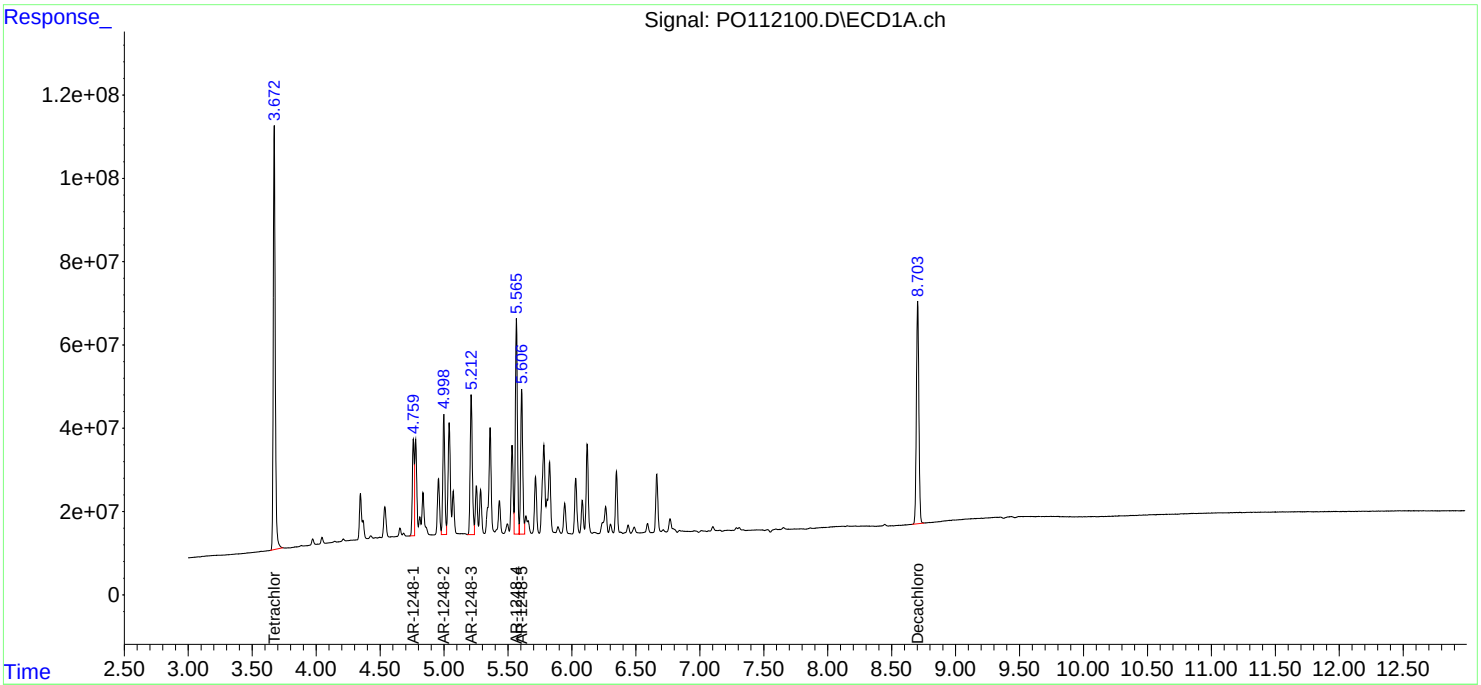
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

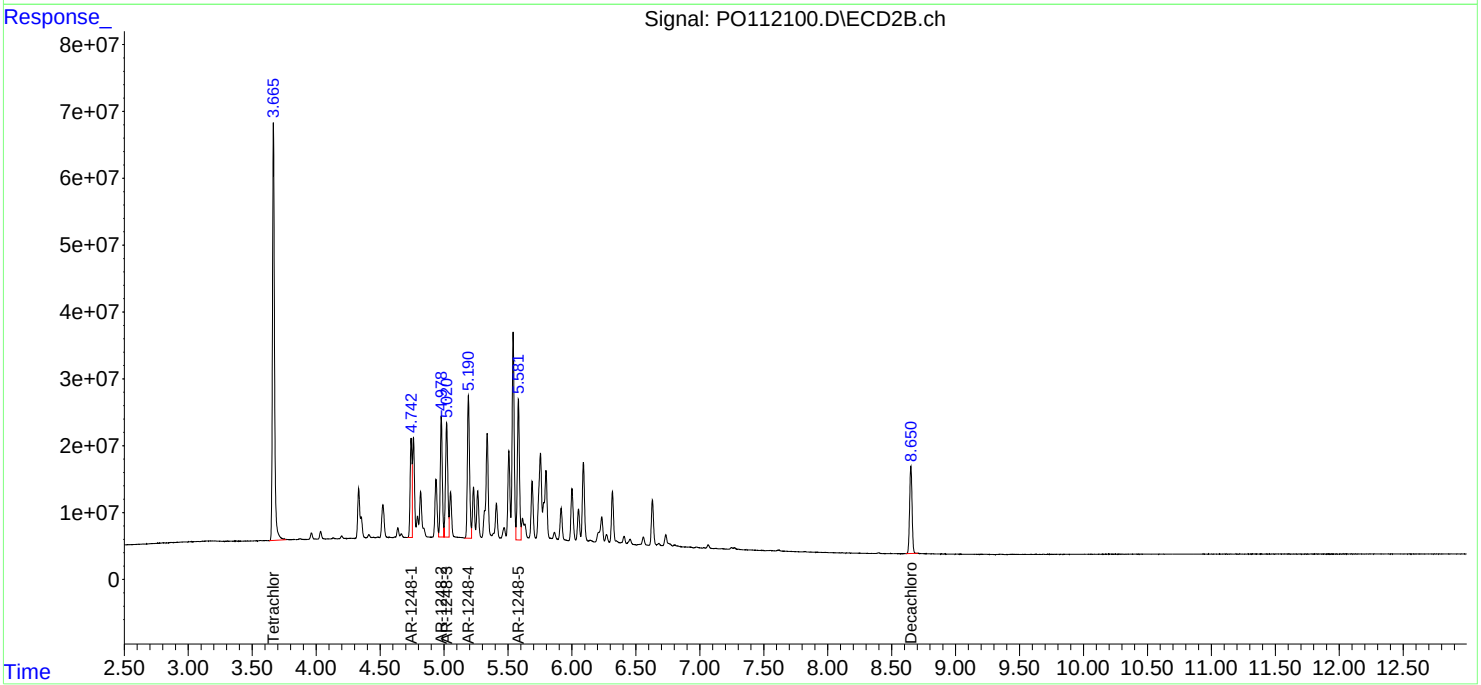
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:48
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:05
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: Jul 09 02:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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...	3.671	3.666	800.2E6	504.2E6	75.968	75.785
2)	SA Decachlor...	8.700	8.649	537.9E6	133.0E6	74.111	72.476
	Target Compounds						
21)	L5 AR-1248-1	4.758	4.742	170.5E6	110.1E6	748.923	735.697
22)	L5 AR-1248-2	4.996	4.978	229.4E6	148.7E6	746.494	731.979
23)	L5 AR-1248-3	5.211	5.020	293.7E6	156.3E6	747.424	734.330
24)	L5 AR-1248-4	5.564	5.190	429.4E6	184.7E6	746.110	728.503
25)	L5 AR-1248-5	5.605	5.580	293.6E6	182.5E6	751.479	727.317

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

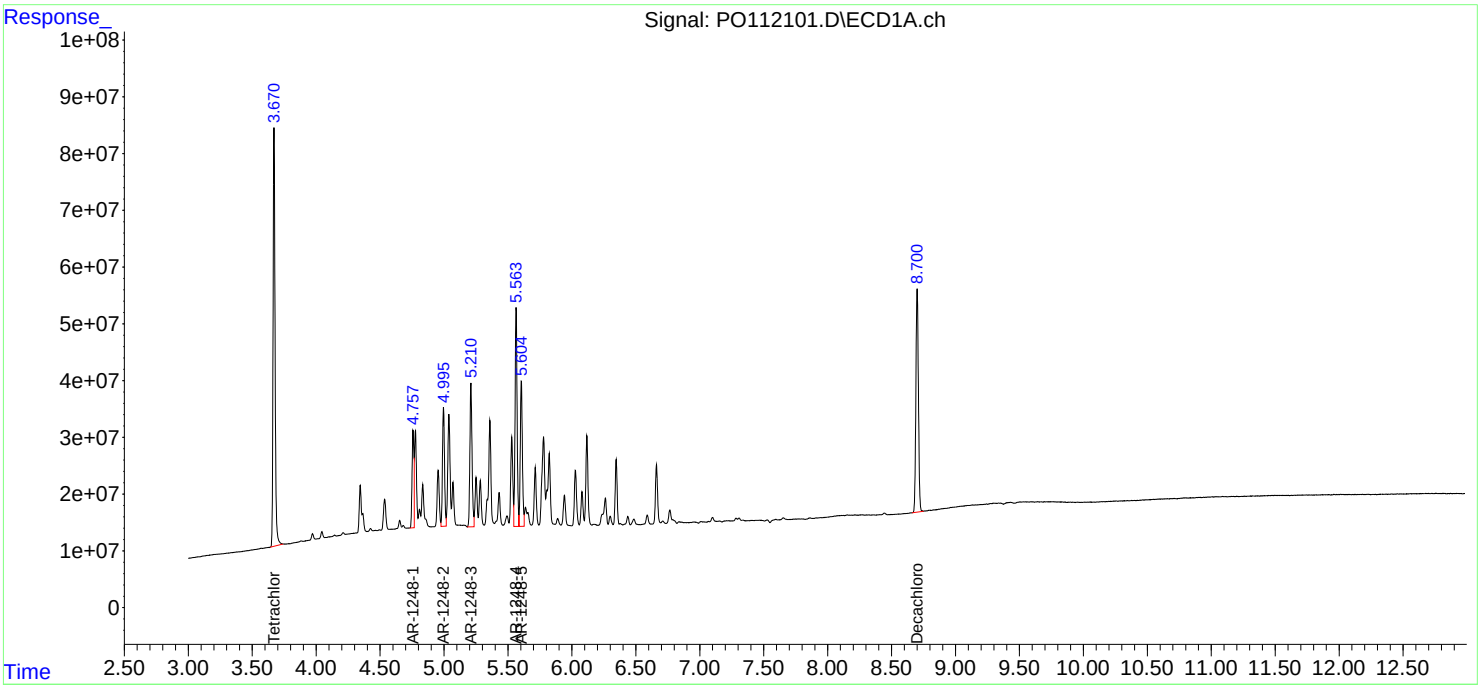
ICAL Form

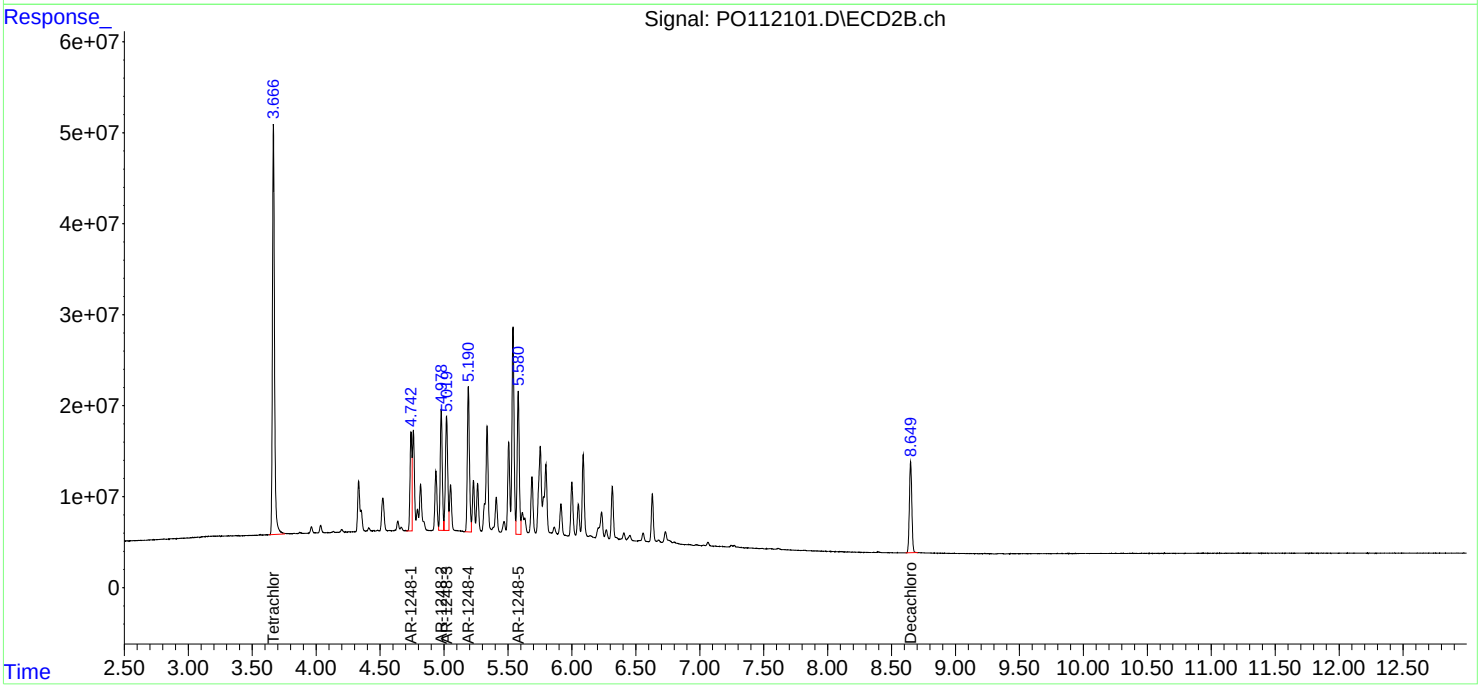
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:24
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: Jul 09 02:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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	3.667	526.7E6	332.7E6	50.000	50.000
2)	SA Decachlor...	8.702	8.650	362.9E6	91746330	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.744	113.8E6	74818775	500.000	500.000
22)	L5 AR-1248-2	5.000	4.980	153.6E6	101.6E6	500.000	500.000
23)	L5 AR-1248-3	5.214	5.021	196.5E6	106.4E6	500.000	500.000
24)	L5 AR-1248-4	5.568	5.192	287.8E6	126.8E6	500.000	500.000
25)	L5 AR-1248-5	5.609	5.582	195.3E6	125.5E6	500.000	500.000

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

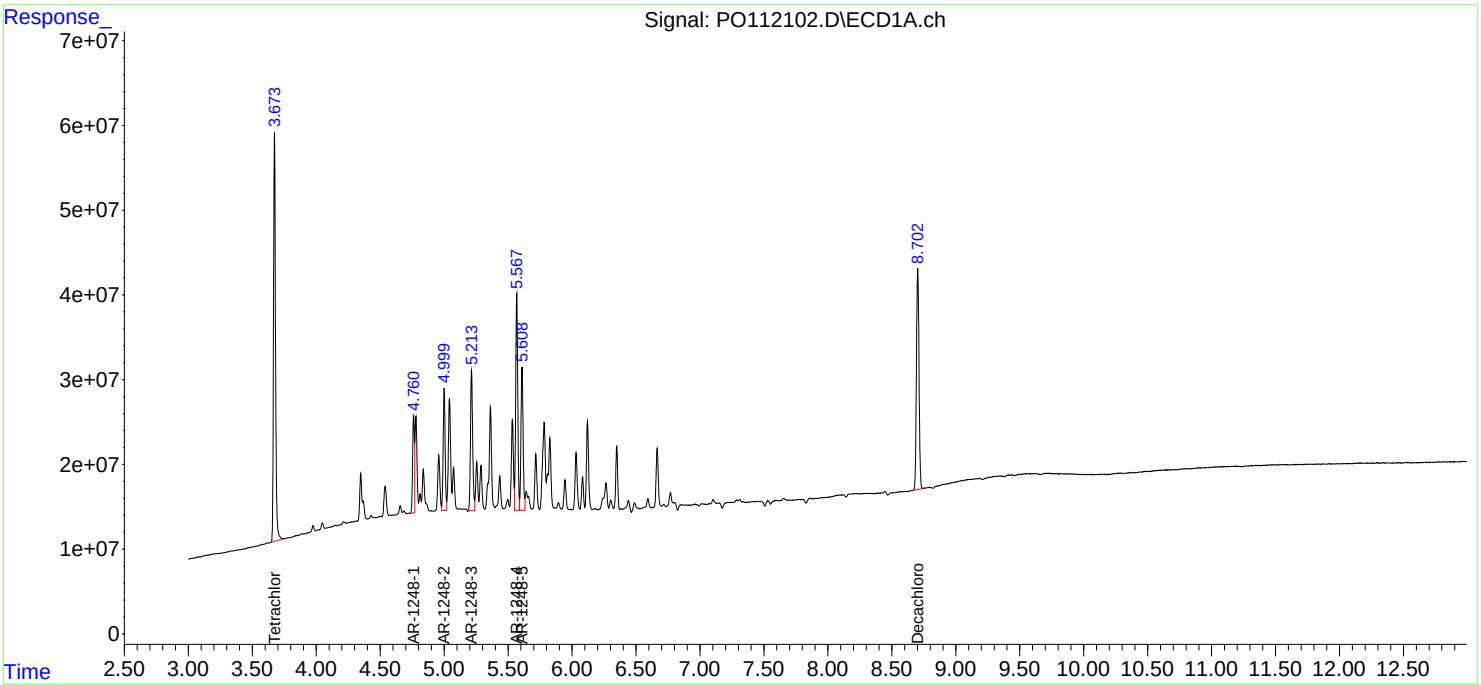
ICAL Form

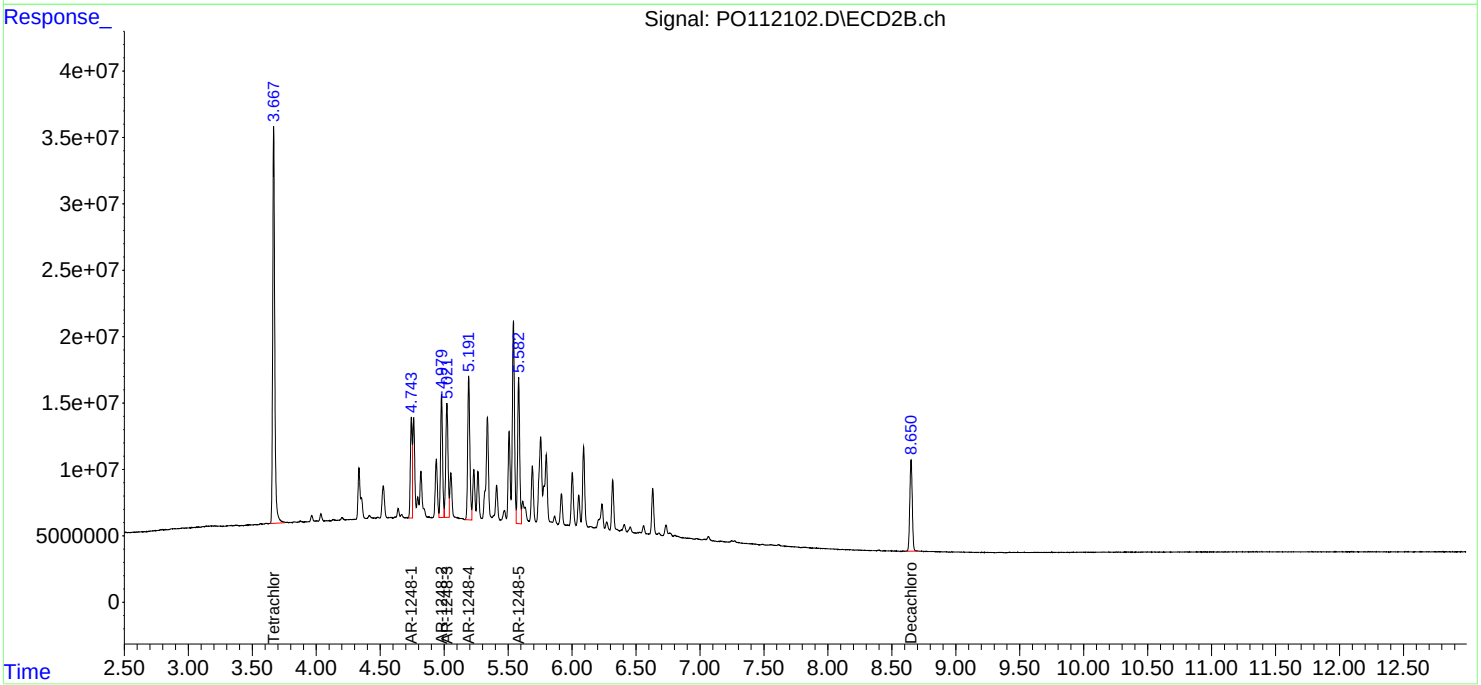
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:24
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:41
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: Jul 09 02:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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...	3.671	3.666	291.9E6	186.4E6	27.709	28.020
2)	SA Decachlor...	8.702	8.649	189.2E6	49988120	26.067	27.243
	Target Compounds						
21)	L5 AR-1248-1	4.759	4.742	62843351	43399528	276.083	290.031
22)	L5 AR-1248-2	4.997	4.978	87401333	57560333	284.458	283.377
23)	L5 AR-1248-3	5.211	5.020	114.9E6	60695146	292.428	285.244
24)	L5 AR-1248-4	5.565	5.190	153.8E6	74439996	267.224	293.627
25)	L5 AR-1248-5	5.606	5.581	108.9E6	74875919	278.783	298.326

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

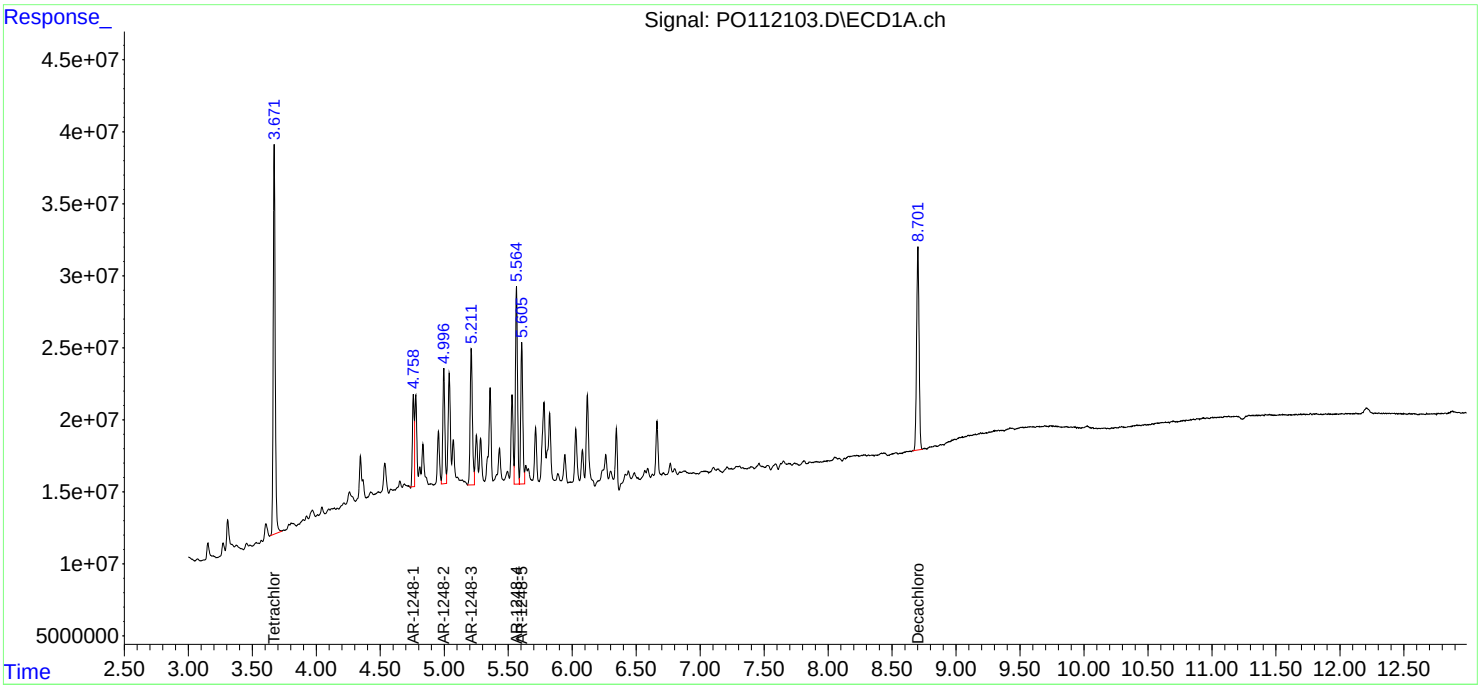
ICAL Form

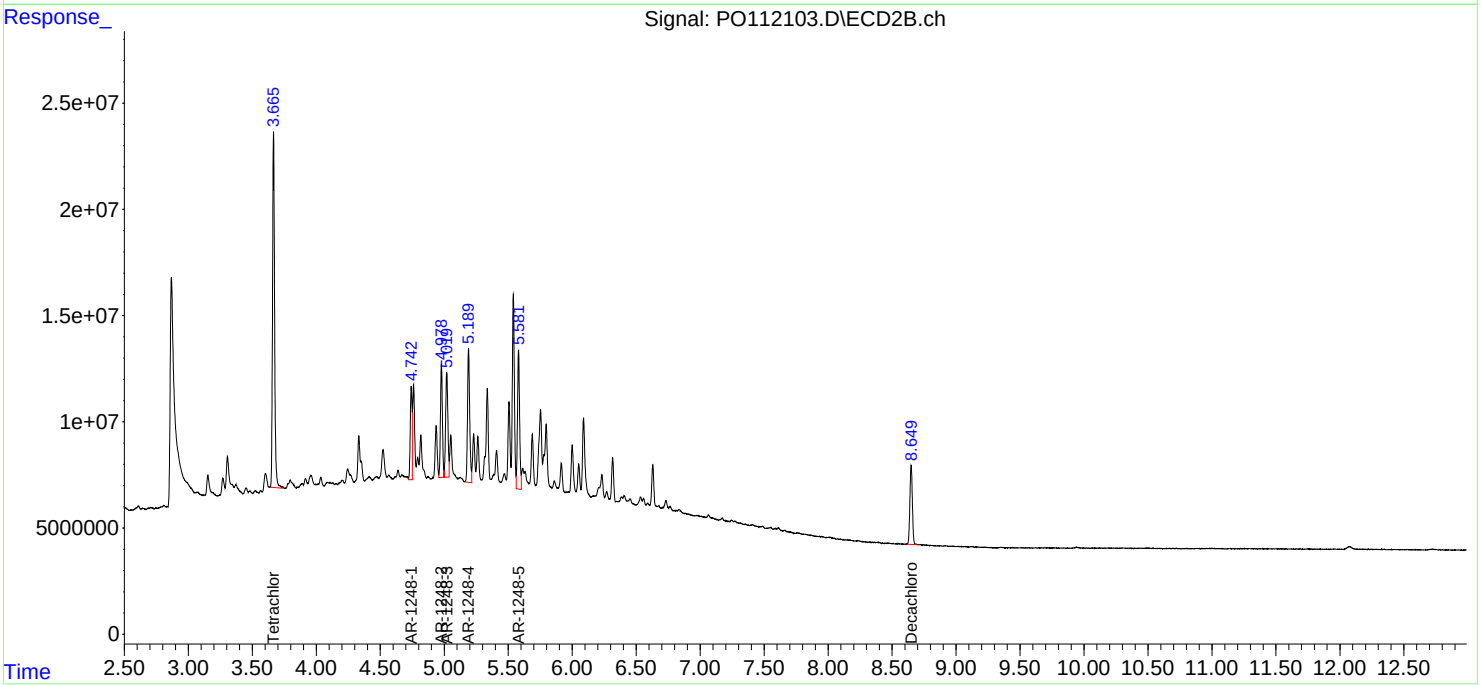
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:41
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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	3.666	43320523	27979420	4.113	4.205
2)	SA Decachlor...	8.703	8.650	29248819	7966074	4.030	4.341
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.742	9816500	7672405	43.126	51.273
22)	L5 AR-1248-2	4.999	4.979	13335961	9853335	43.403	48.509
23)	L5 AR-1248-3	5.213	5.020	19880304	9961976	50.597	46.817
24)	L5 AR-1248-4	5.567	5.191	27262638	12330568	47.367	48.638m
25)	L5 AR-1248-5	5.608	5.581	17126268	10723520	43.835	42.725m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

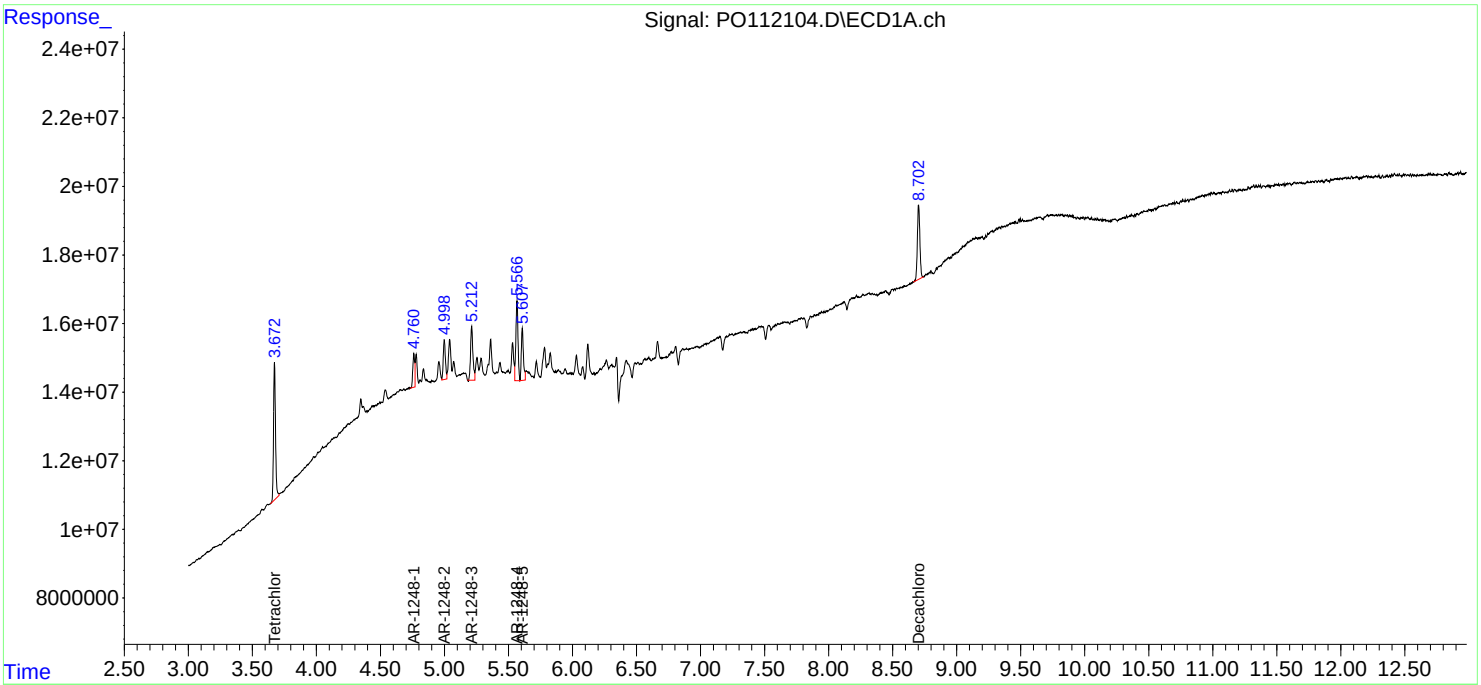
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

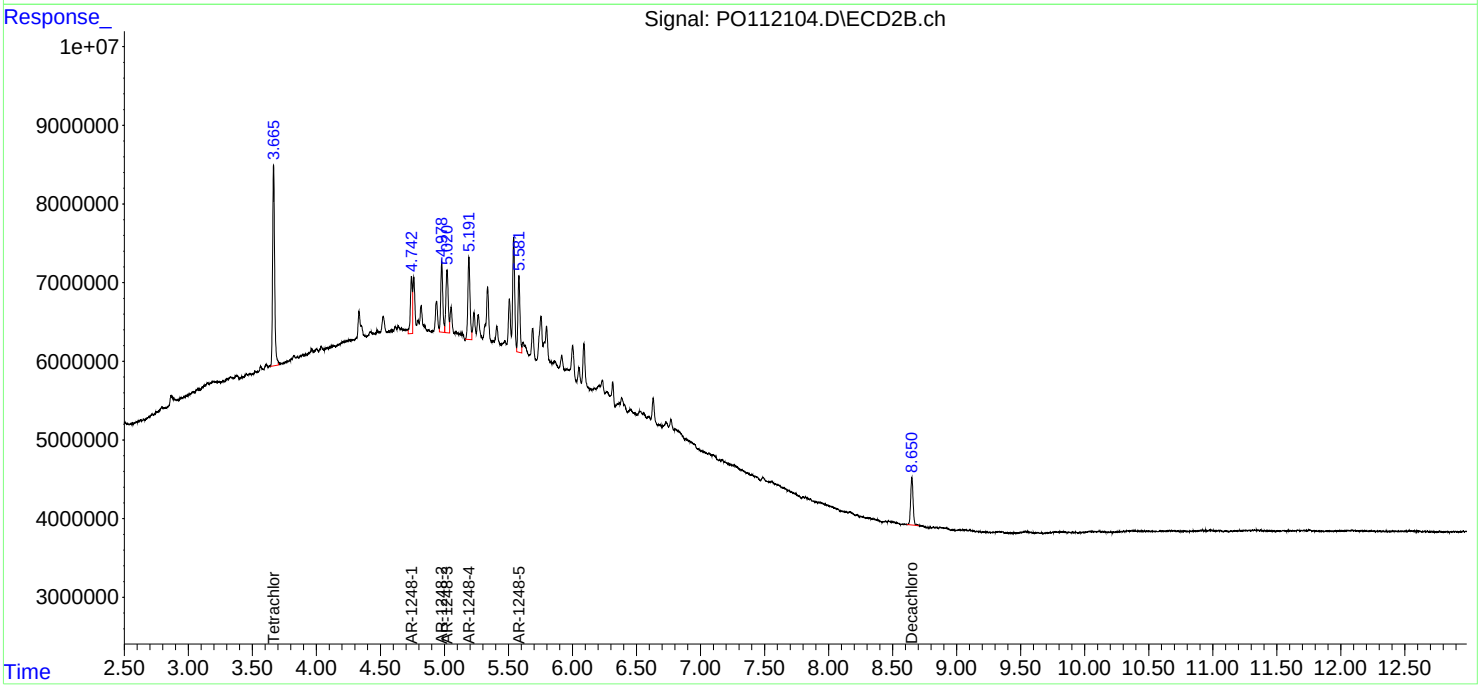
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:18
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: Jul 09 03:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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	3.666	1081.7E6	681.3E6	100.629	100.324
2)	SA Decachlor...	8.704	8.651	731.3E6	176.2E6	97.187	95.129
	Target Compounds						
26)	L6 AR-1254-1	5.567	5.542	596.4E6	358.7E6	968.859	952.427
27)	L6 AR-1254-2	5.716	5.689	526.6E6	309.3E6	978.251	948.939
28)	L6 AR-1254-3	6.120	6.090	832.4E6	457.0E6	985.524	970.955
29)	L6 AR-1254-4	6.349	6.317	488.3E6	242.7E6	924.821	917.706
30)	L6 AR-1254-5	6.769	6.735	772.8E6	340.9E6	976.309	957.333

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

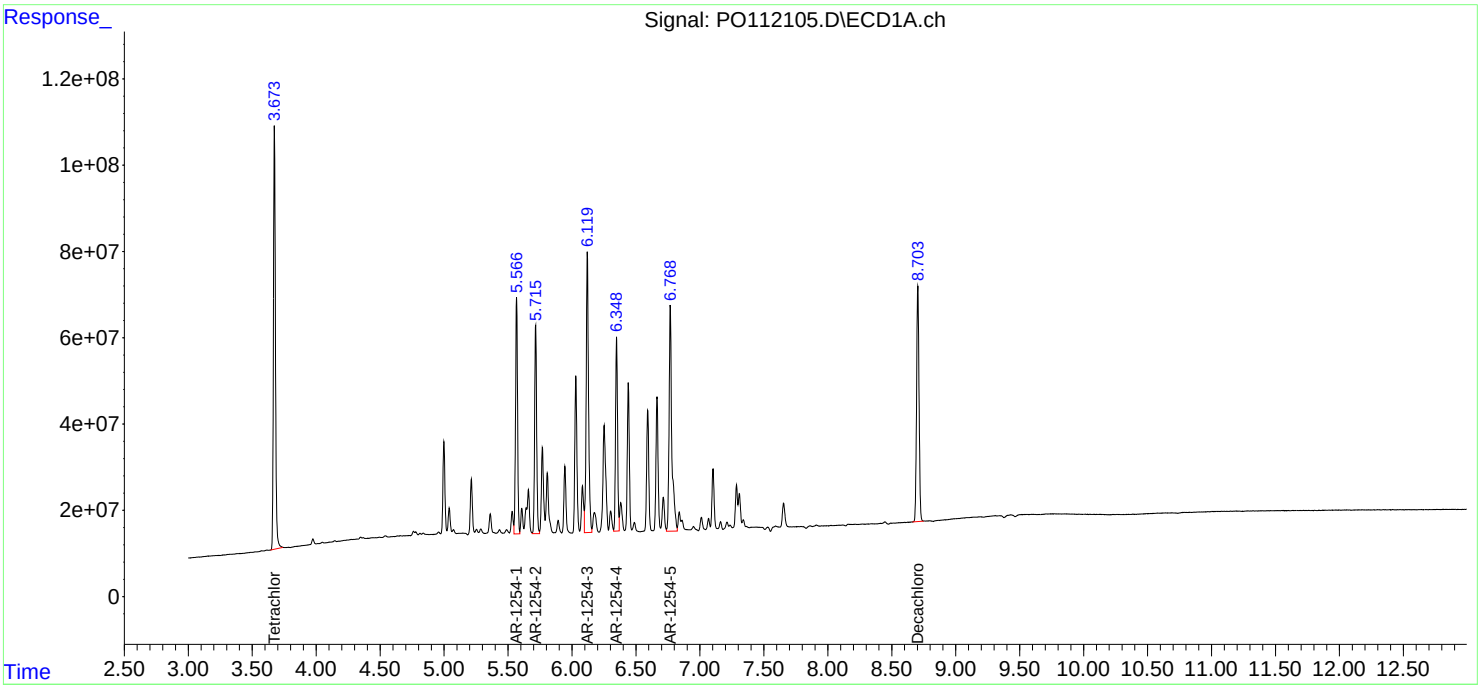
ICAL Form

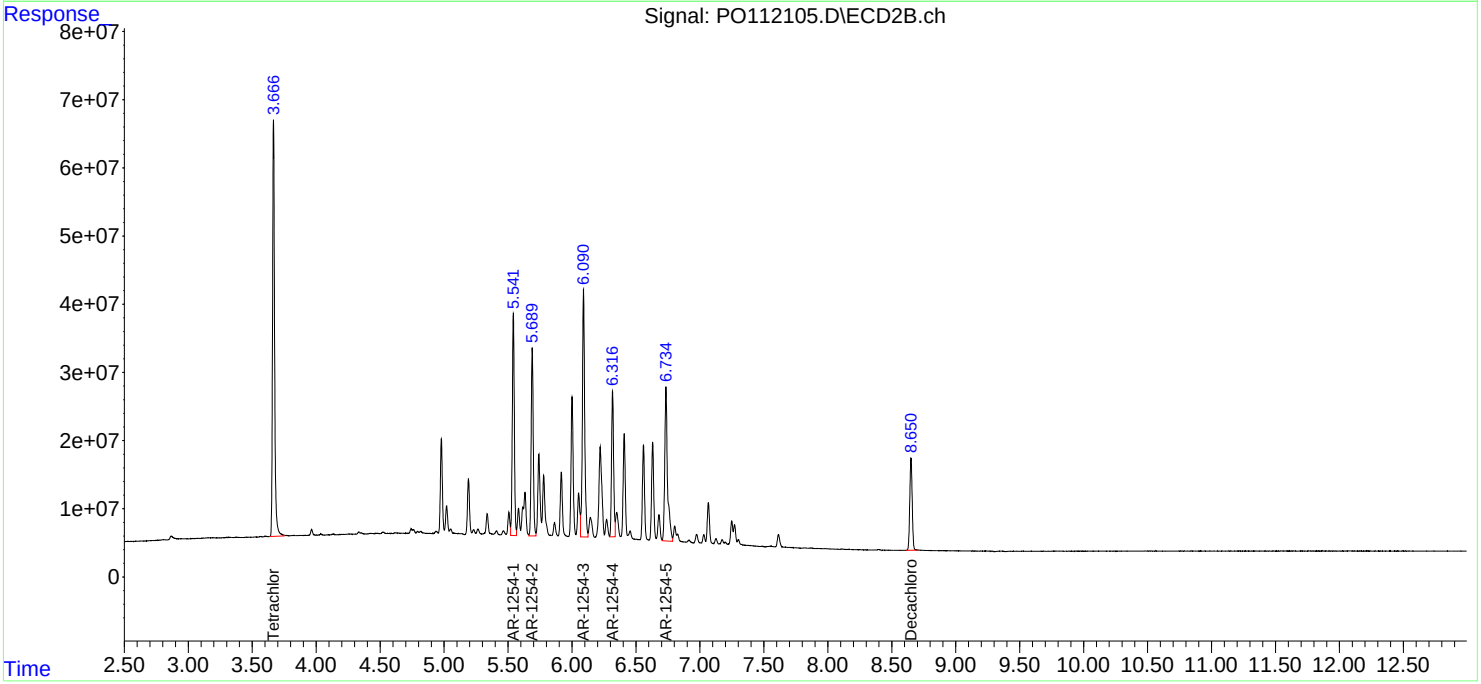
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:18
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:35
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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...	3.671	3.666	822.8E6	521.0E6	76.536	76.717
2)	SA Decachlor...	8.701	8.649	552.3E6	135.1E6	73.395	72.926
	Target Compounds						
26)	L6 AR-1254-1	5.564	5.541	461.5E6	279.3E6	749.690	741.534
27)	L6 AR-1254-2	5.714	5.689	406.1E6	238.9E6	754.357	732.842
28)	L6 AR-1254-3	6.118	6.090	636.3E6	355.1E6	753.353	754.409
29)	L6 AR-1254-4	6.347	6.317	412.9E6	198.3E6	782.017	749.977
30)	L6 AR-1254-5	6.767	6.733	589.5E6	261.7E6	744.724	734.939

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

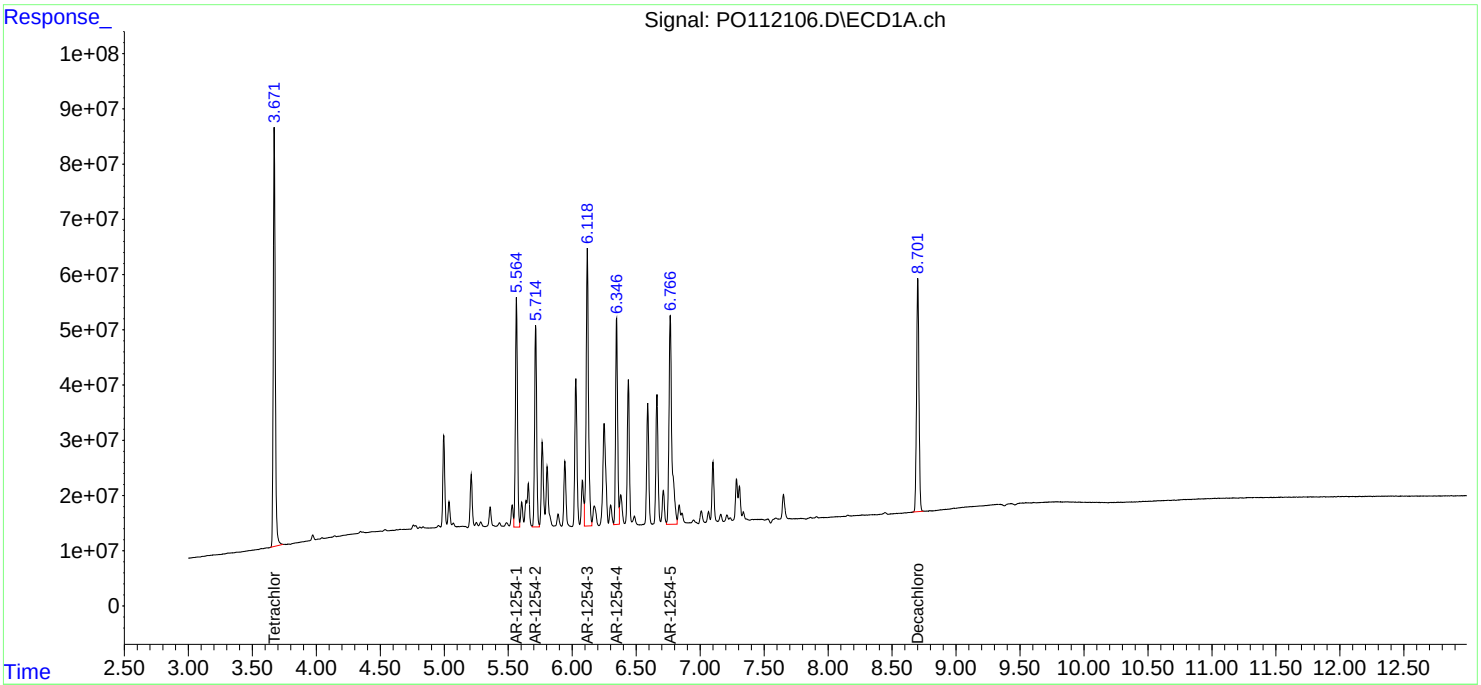
ICAL Form

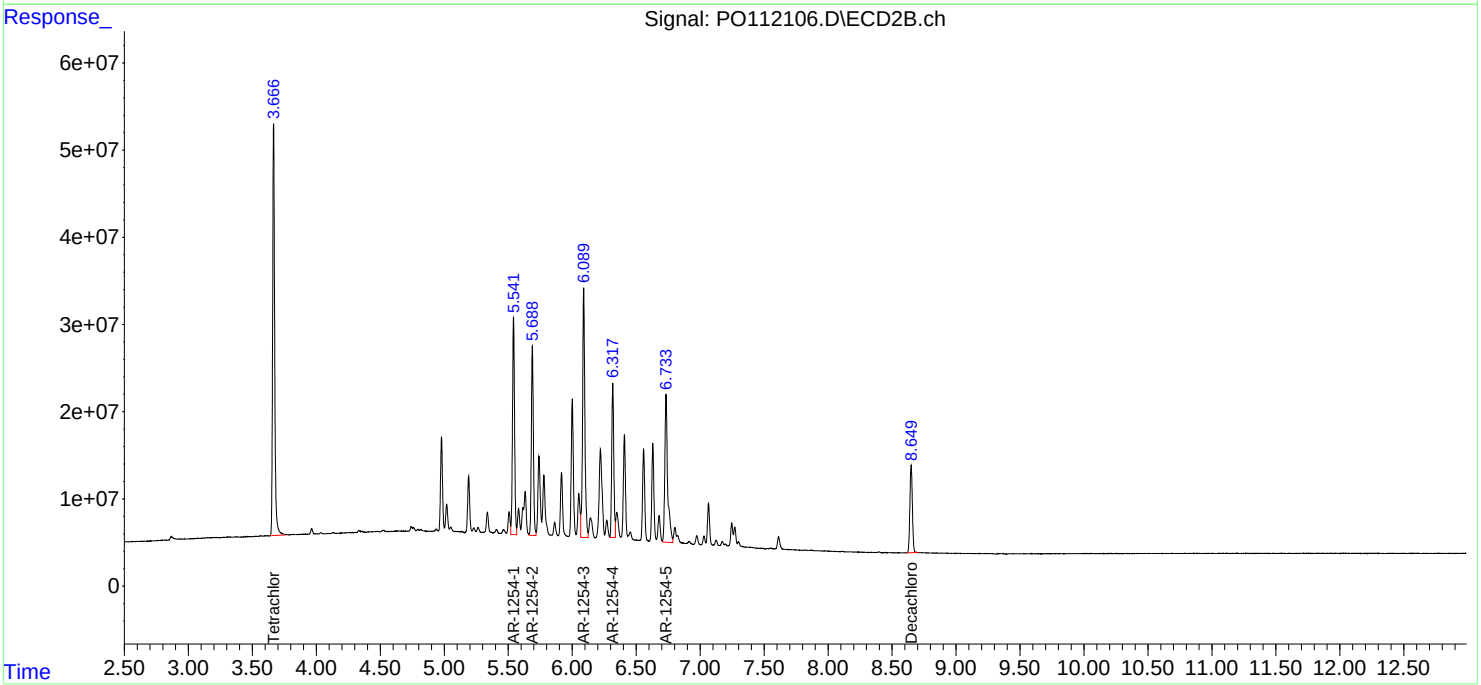
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:35
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:54
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: Jul 09 03:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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	3.666	537.5E6	339.5E6	50.000	50.000
2)	SA Decachlor...	8.702	8.649	376.2E6	92613439	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.566	5.541	307.8E6	188.3E6	500.000	500.000
27)	L6 AR-1254-2	5.715	5.689	269.2E6	163.0E6	500.000	500.000
28)	L6 AR-1254-3	6.119	6.090	422.3E6	235.4E6	500.000	500.000
29)	L6 AR-1254-4	6.348	6.317	264.0E6	132.2E6	500.000	500.000
30)	L6 AR-1254-5	6.767	6.733	395.8E6	178.0E6	500.000	500.000

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

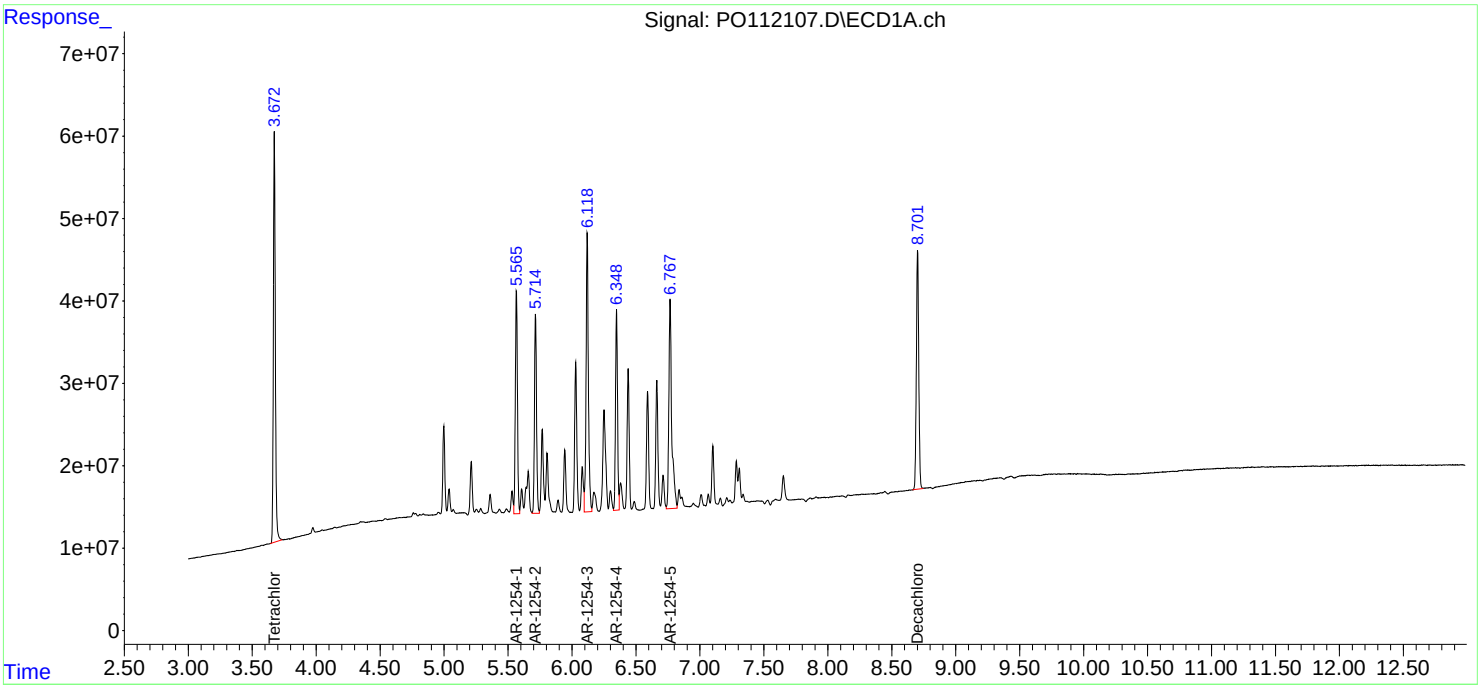
ICAL Form

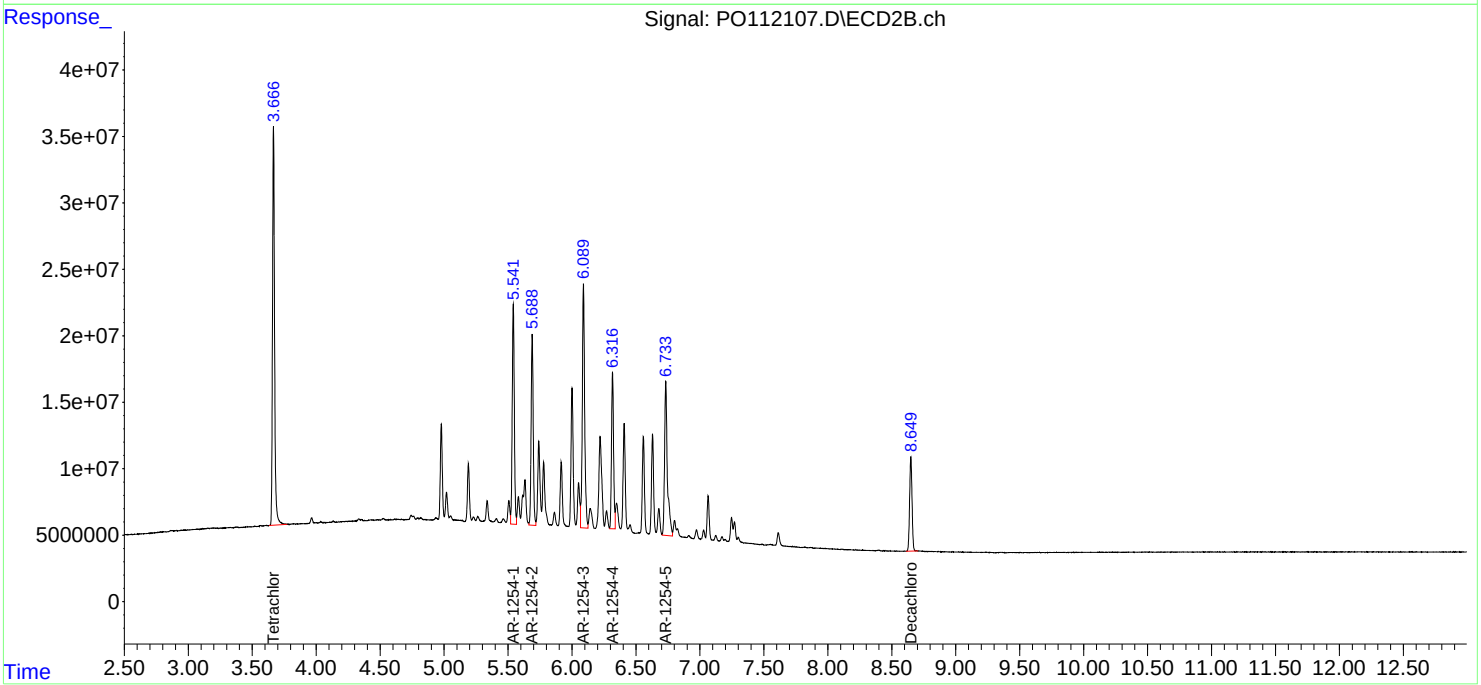
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:54
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:11
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: Jul 09 03:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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...	3.672	3.666	272.9E6	171.8E6	25.384	25.306
2)	SA Decachlor...	8.702	8.649	190.5E6	47874492	25.314	25.846
	Target Compounds						
26)	L6 AR-1254-1	5.565	5.541	157.8E6	101.2E6	256.353	268.788
27)	L6 AR-1254-2	5.714	5.688	138.2E6	87586236	256.712	268.700
28)	L6 AR-1254-3	6.117	6.089	215.5E6	124.2E6	255.127	263.865
29)	L6 AR-1254-4	6.346	6.317	128.5E6	68432623	243.355	258.758
30)	L6 AR-1254-5	6.766	6.733	201.3E6	93511862	254.294	262.638

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

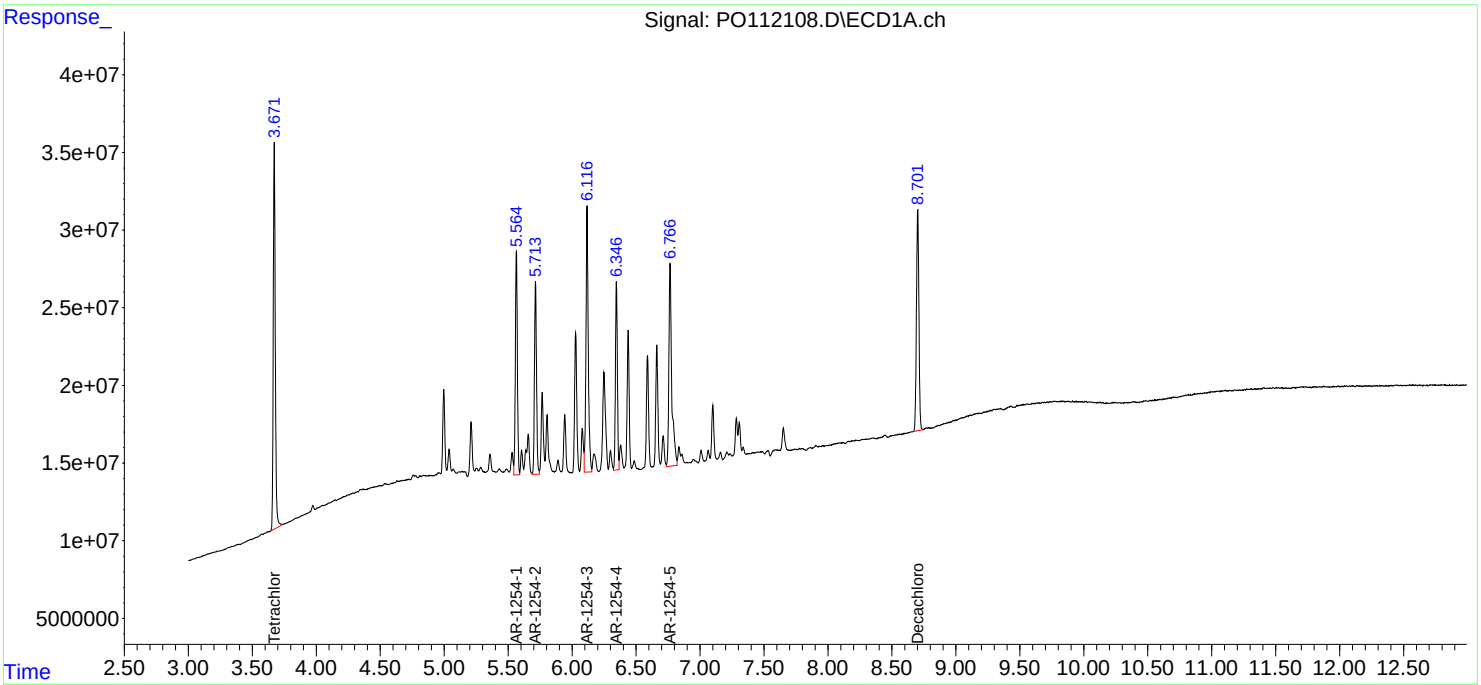
ICAL Form

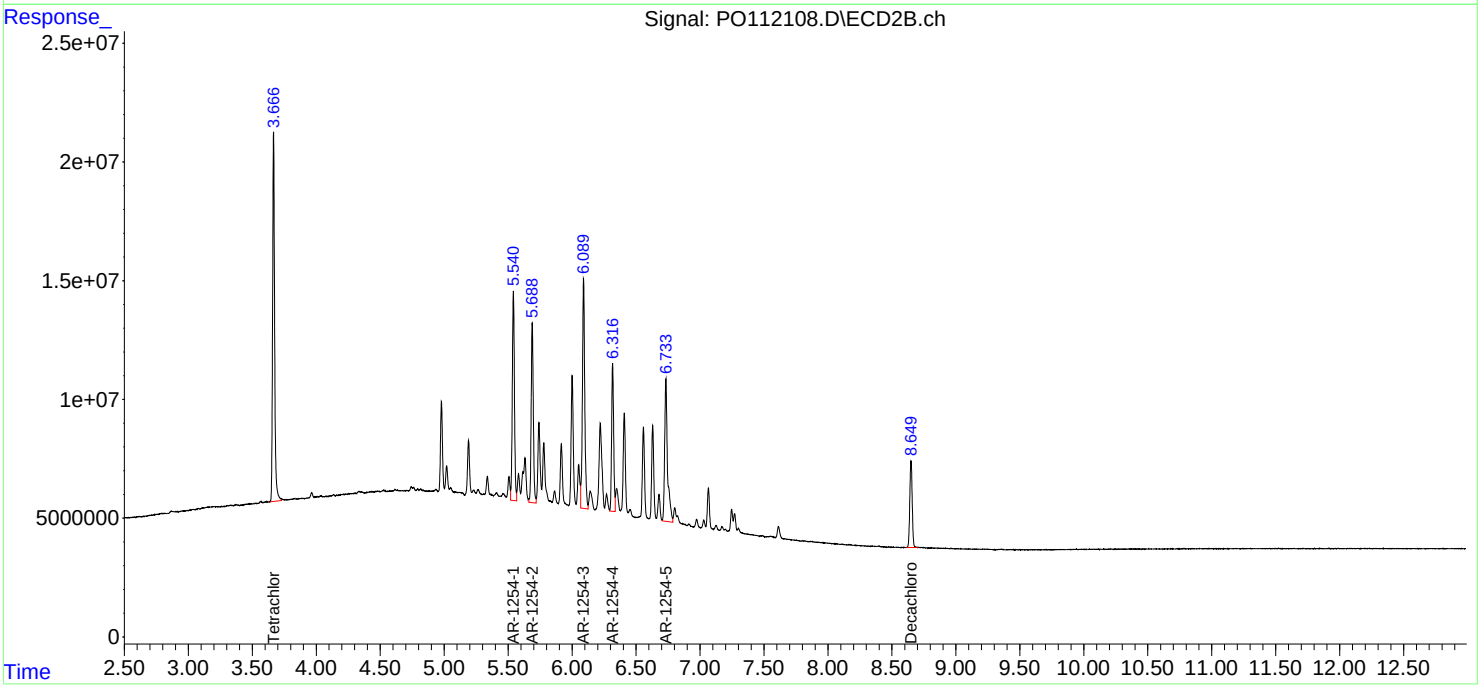
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:11
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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...	3.672	3.666	45533046	29689581	4.236	4.372
2)	SA Decachlor...	8.701	8.650	32557073	8527820	4.327	4.604
	Target Compounds						
26)	L6 AR-1254-1	5.565	5.540	30856160	19661689	50.127	52.206m
27)	L6 AR-1254-2	5.714	5.688	25962033	17746073	48.227	54.442m
28)	L6 AR-1254-3	6.118	6.089	40531096	25609316	47.989	54.406
29)	L6 AR-1254-4	6.345	6.316	16204940	12905837	30.688m	48.800 #
30)	L6 AR-1254-5	6.765	6.733	35718880	18096474	45.127	50.826

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

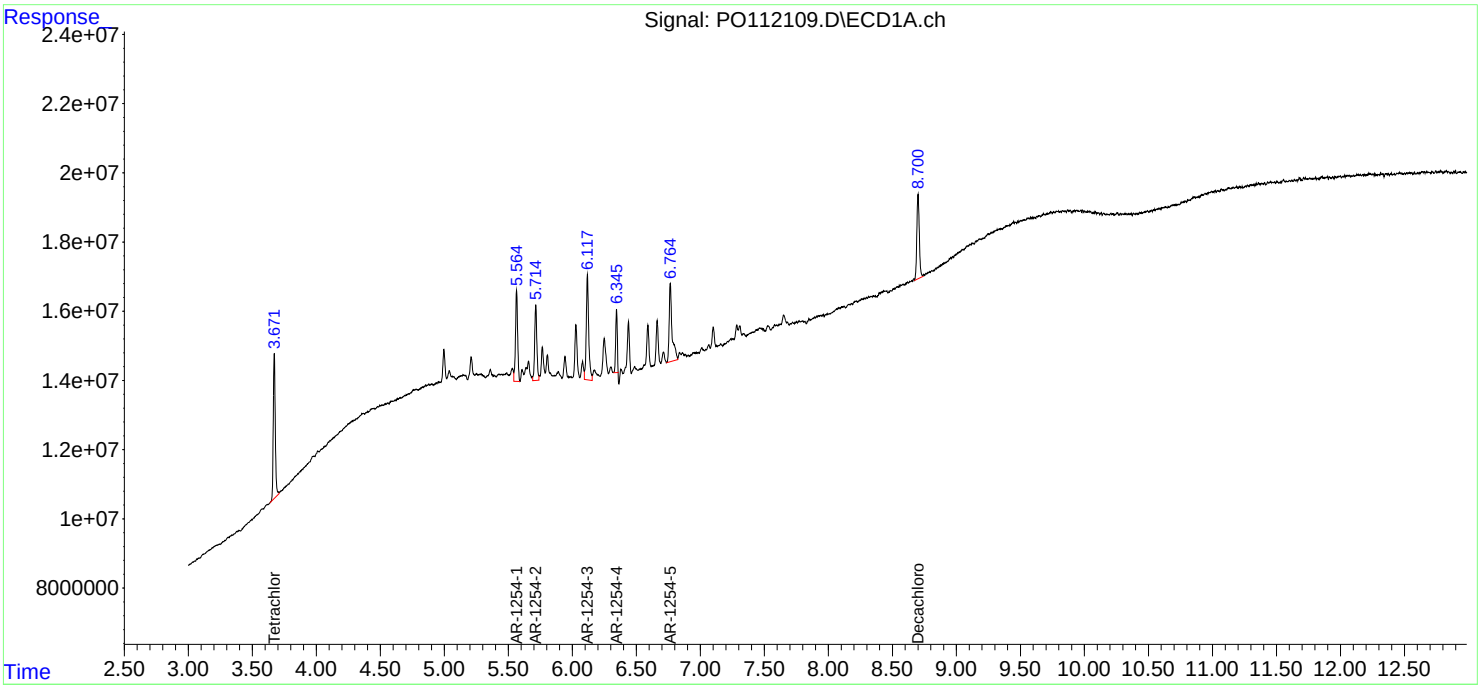
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

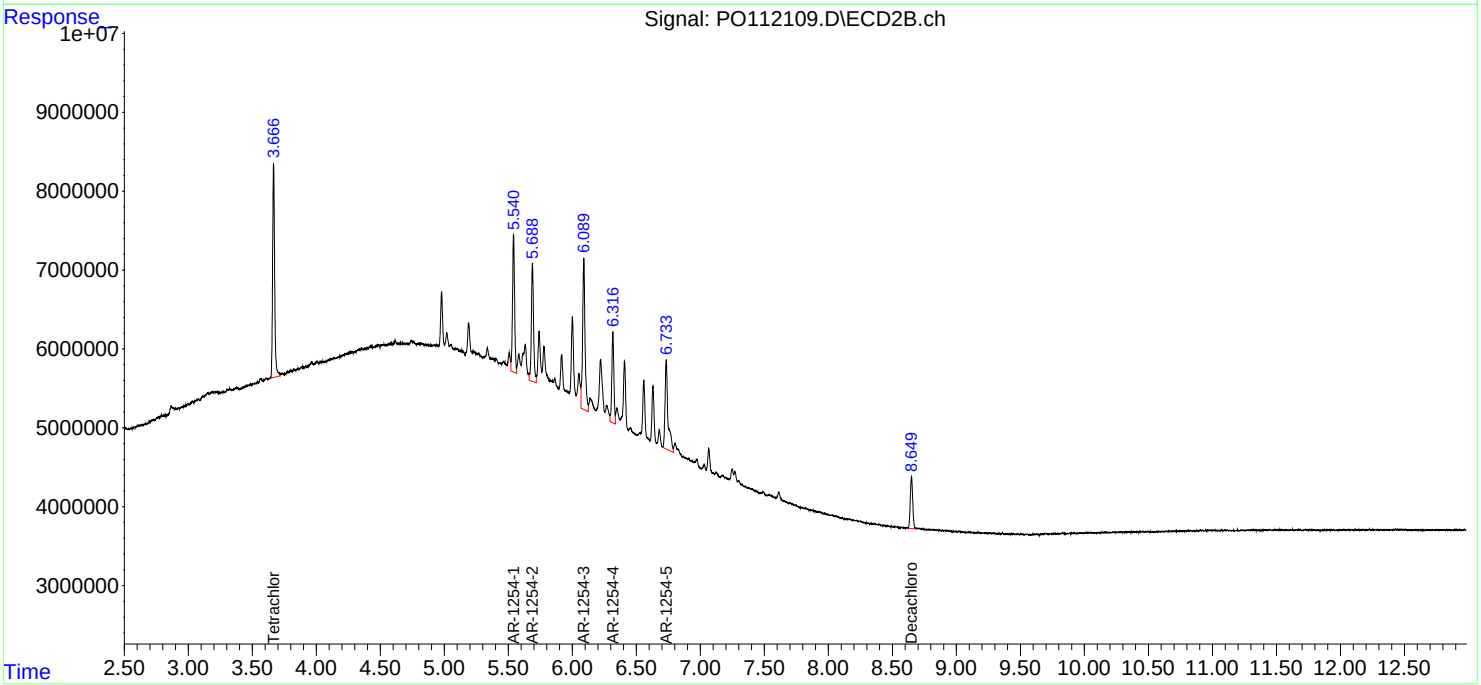
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:47
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: Jul 09 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:25:20 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...	3.672	3.666	525.8E6	329.4E6	50.000	50.000
2)	SA Decachlor...	8.703	8.651	370.9E6	90608483	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.807	6.772	510.8E6	203.7E6	500.000	500.000
37)	L8 AR-1262-2	7.310	7.272	819.7E6	256.3E6	500.000	500.000
38)	L8 AR-1262-3	7.592	7.554	321.0E6	89762034	500.000	500.000
39)	L8 AR-1262-4	7.657	7.618	535.7E6	145.5E6	500.000	500.000
40)	L8 AR-1262-5	8.153	8.110	224.1E6	52891763	500.000	500.000

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

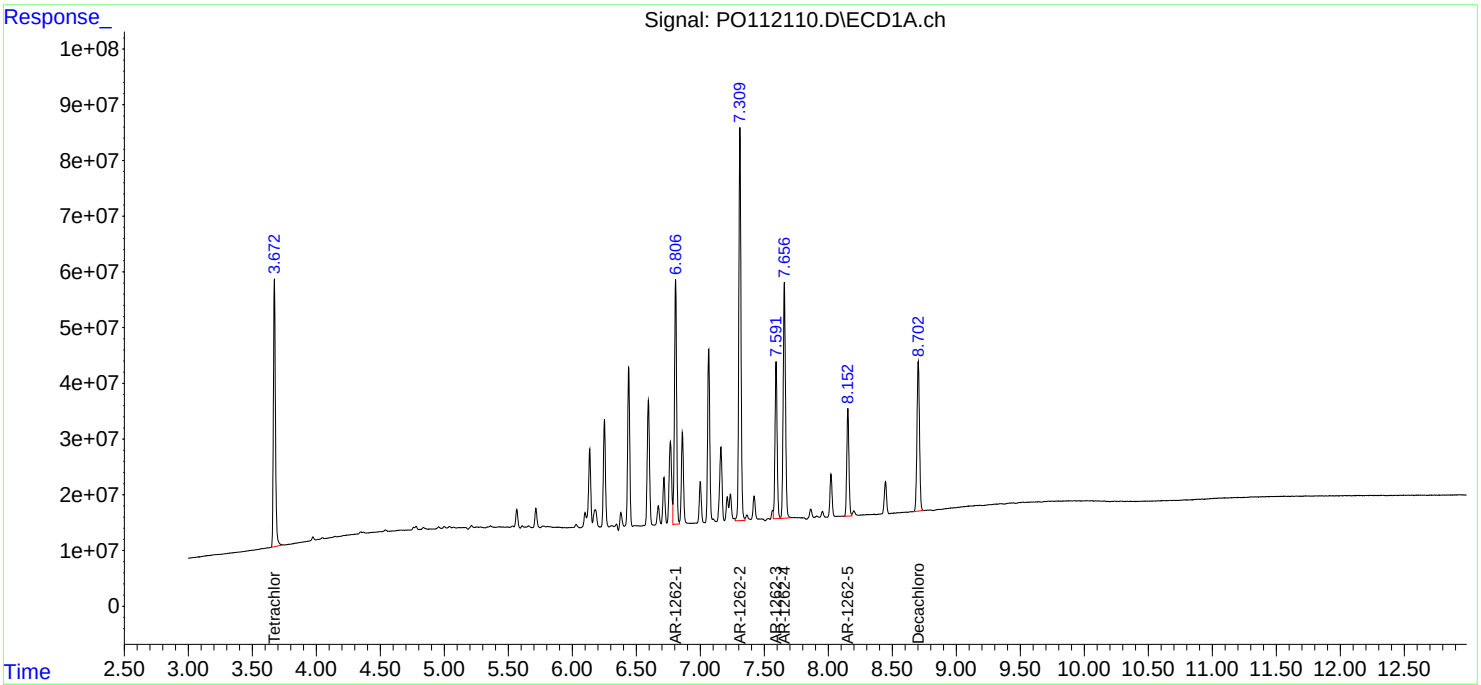
ICAL Form

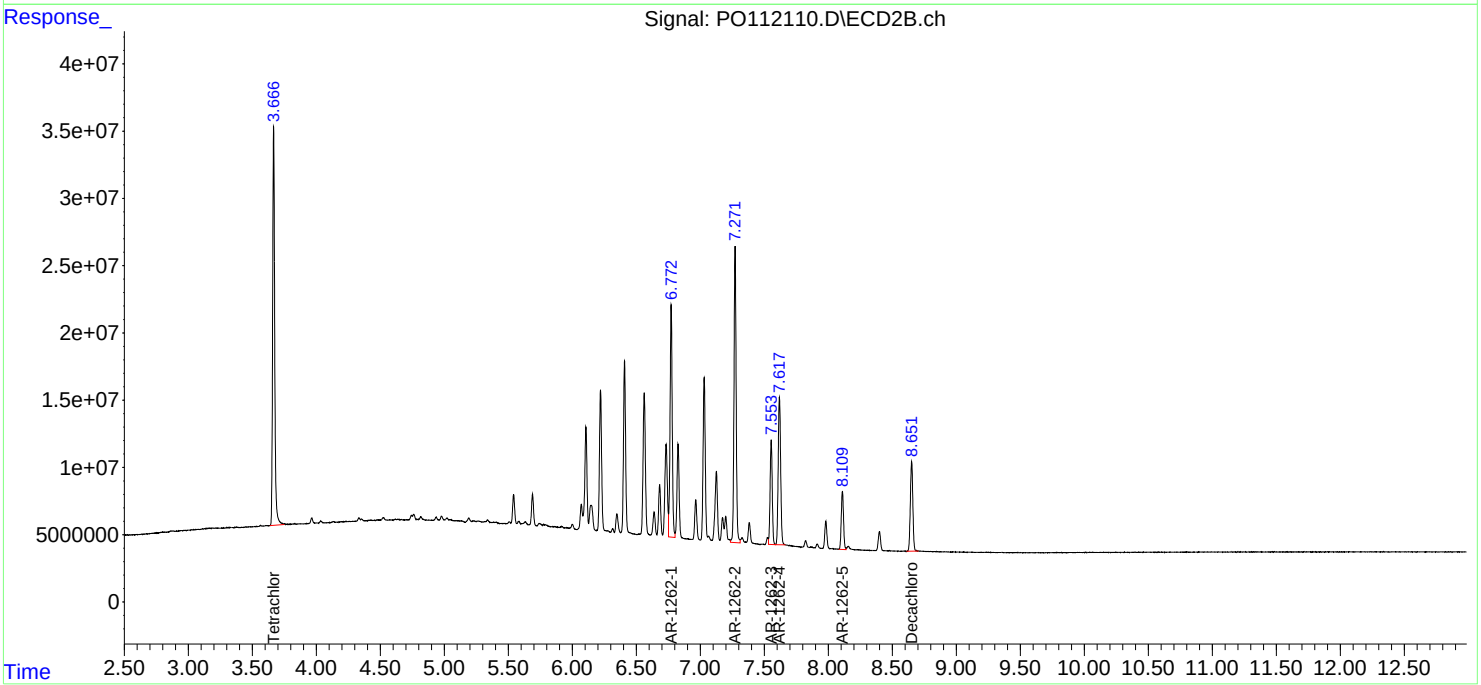
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:47
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:25:20 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.667	1082.8E6	673.3E6	101.066	99.562
2)	SA Decachlor...	8.702	8.650	1378.0E6	313.9E6	99.628	96.478
	Target Compounds						
41)	L9 AR-1268-1	7.590	7.554	1933.7E6	486.6E6	1000.189	974.104
42)	L9 AR-1268-2	7.656	7.619	1621.3E6	414.1E6	997.801	973.991
43)	L9 AR-1268-3	7.862	7.823	1337.7E6	309.6E6	989.536	960.409
44)	L9 AR-1268-4	8.151	8.111	501.7E6	111.4E6	975.950m	963.536
45)	L9 AR-1268-5	8.445	8.399	3474.7E6	736.5E6	1008.979	983.566

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

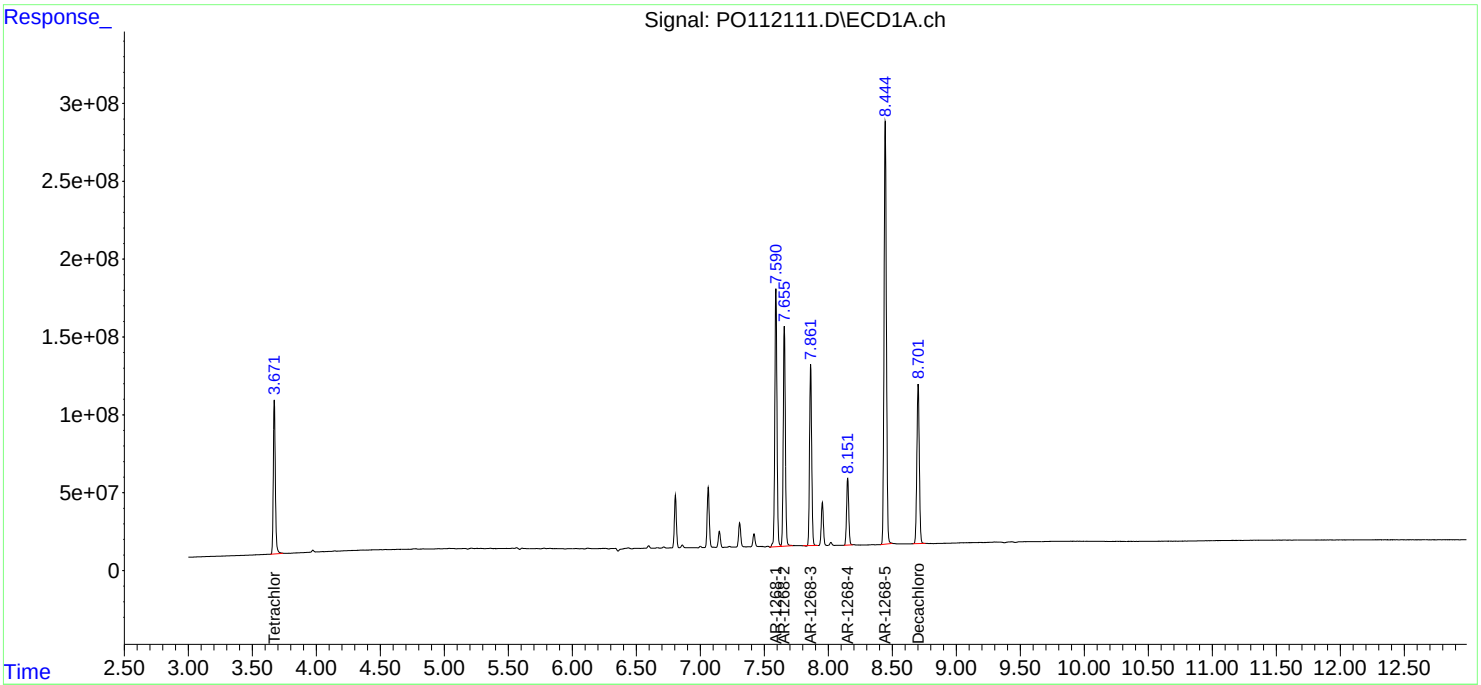
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

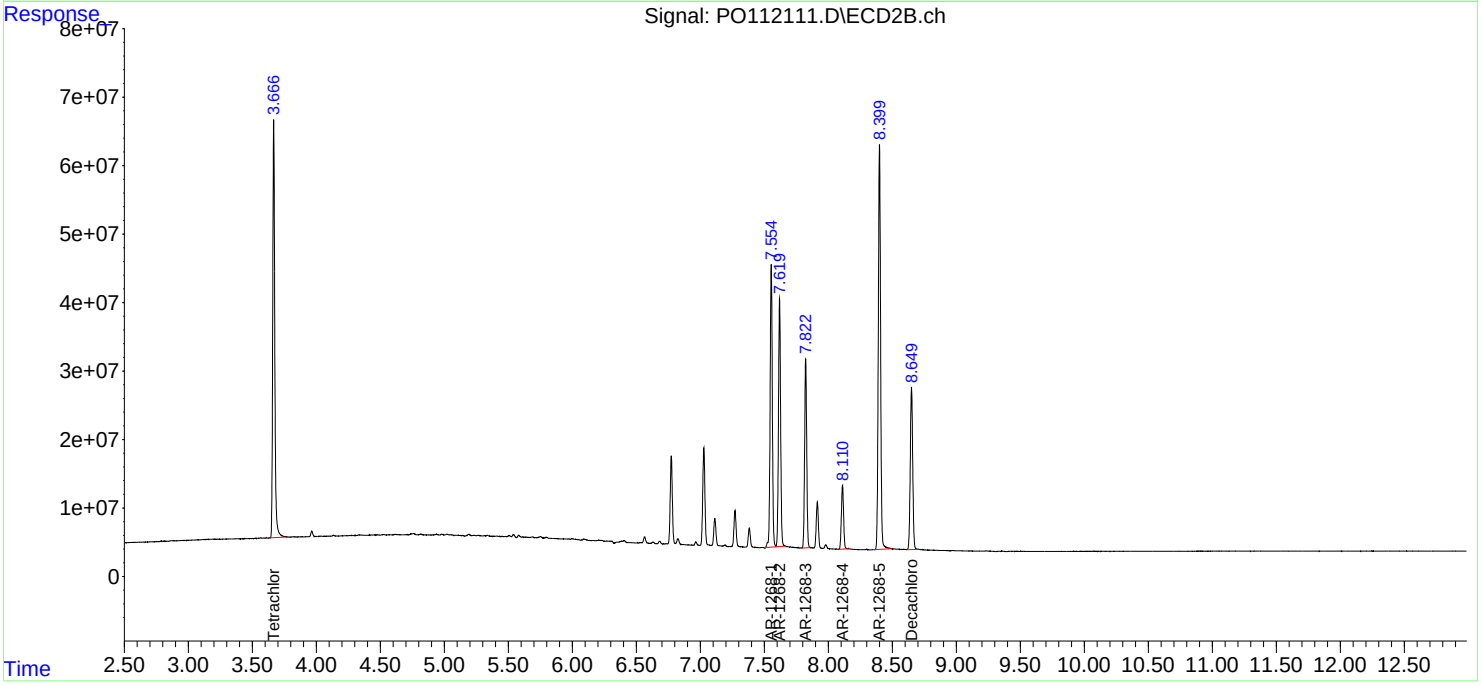
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:22
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: Jul 09 03:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.666	822.0E6	512.2E6	76.722	75.743
2) SA	Decachlor...	8.700	8.649	1050.8E6	242.3E6	75.975	74.472
	Target Compounds						
41) L9	AR-1268-1	7.591	7.553	1471.3E6	372.2E6	761.010	745.185
42) L9	AR-1268-2	7.656	7.618	1239.2E6	317.2E6	762.647	746.065
43) L9	AR-1268-3	7.861	7.823	1019.5E6	238.5E6	754.122	739.688
44) L9	AR-1268-4	8.150	8.110	374.5E6	85695746	728.612	741.374
45) L9	AR-1268-5	8.444	8.399	2621.5E6	562.6E6	761.236	751.350

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

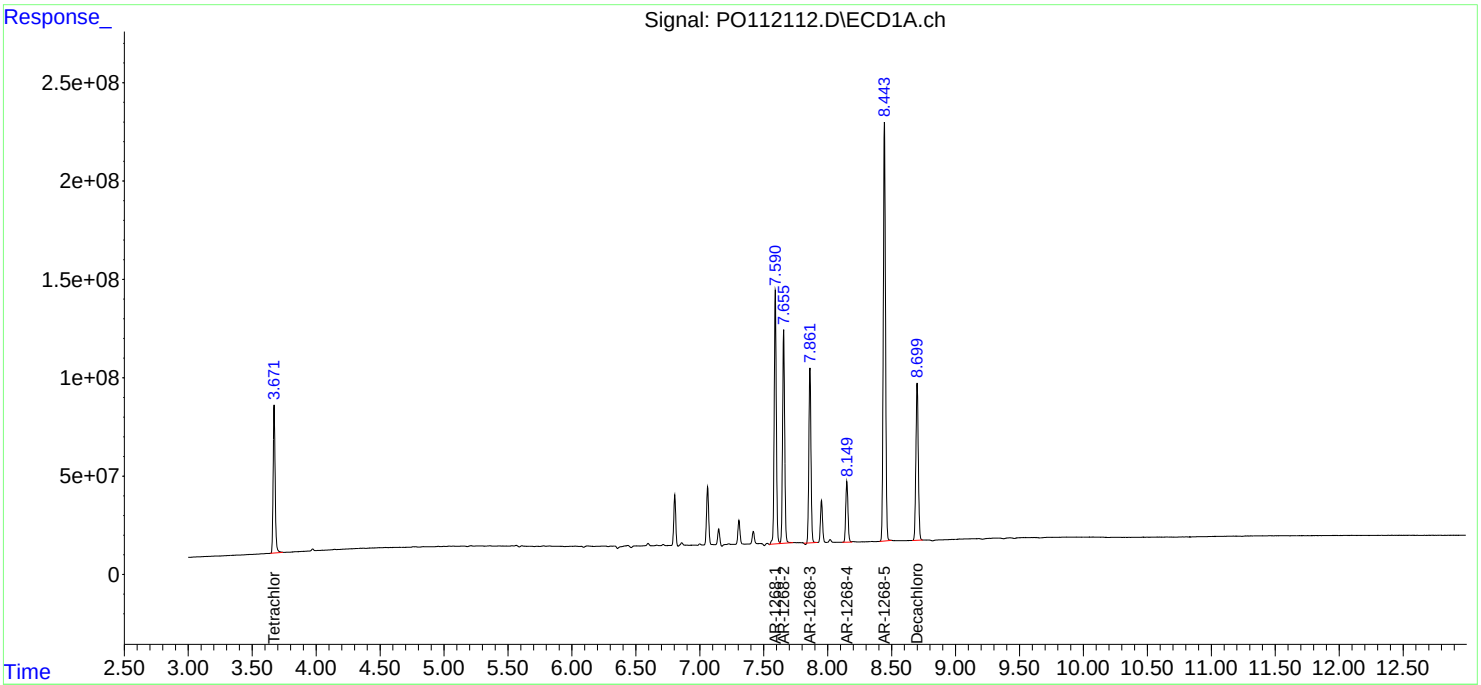
ICAL Form

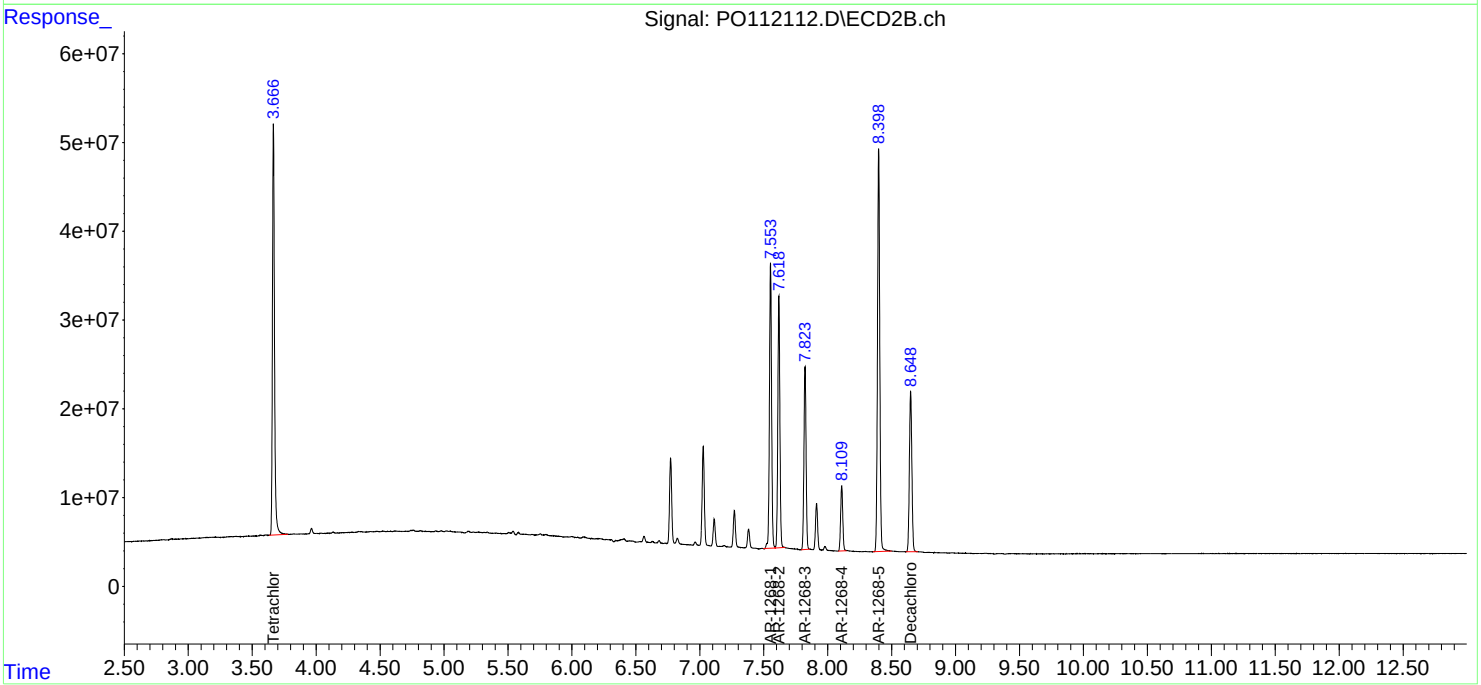
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:22
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:39
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: Jul 09 03:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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...	3.671	3.666	535.7E6	338.1E6	50.000	50.000
2)	SA Decachlor...	8.701	8.648	691.6E6	162.7E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.590	7.552	966.7E6	249.7E6	500.000	500.000
42)	L9 AR-1268-2	7.656	7.617	812.4E6	212.6E6	500.000	500.000
43)	L9 AR-1268-3	7.862	7.822	675.9E6	161.2E6	500.000	500.000
44)	L9 AR-1268-4	8.151	8.108	257.0E6	57795189	500.000	500.000
45)	L9 AR-1268-5	8.445	8.398	1721.9E6	374.4E6	500.000	500.000

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

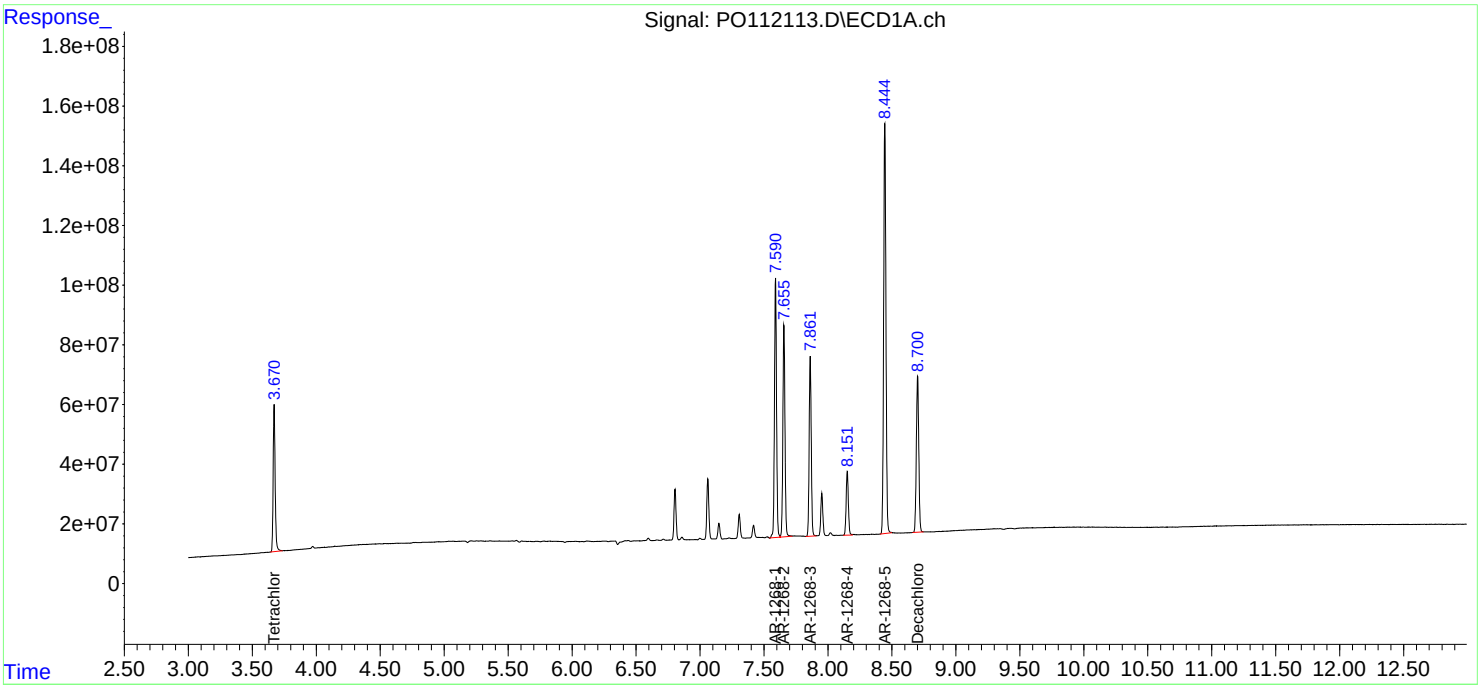
ICAL Form

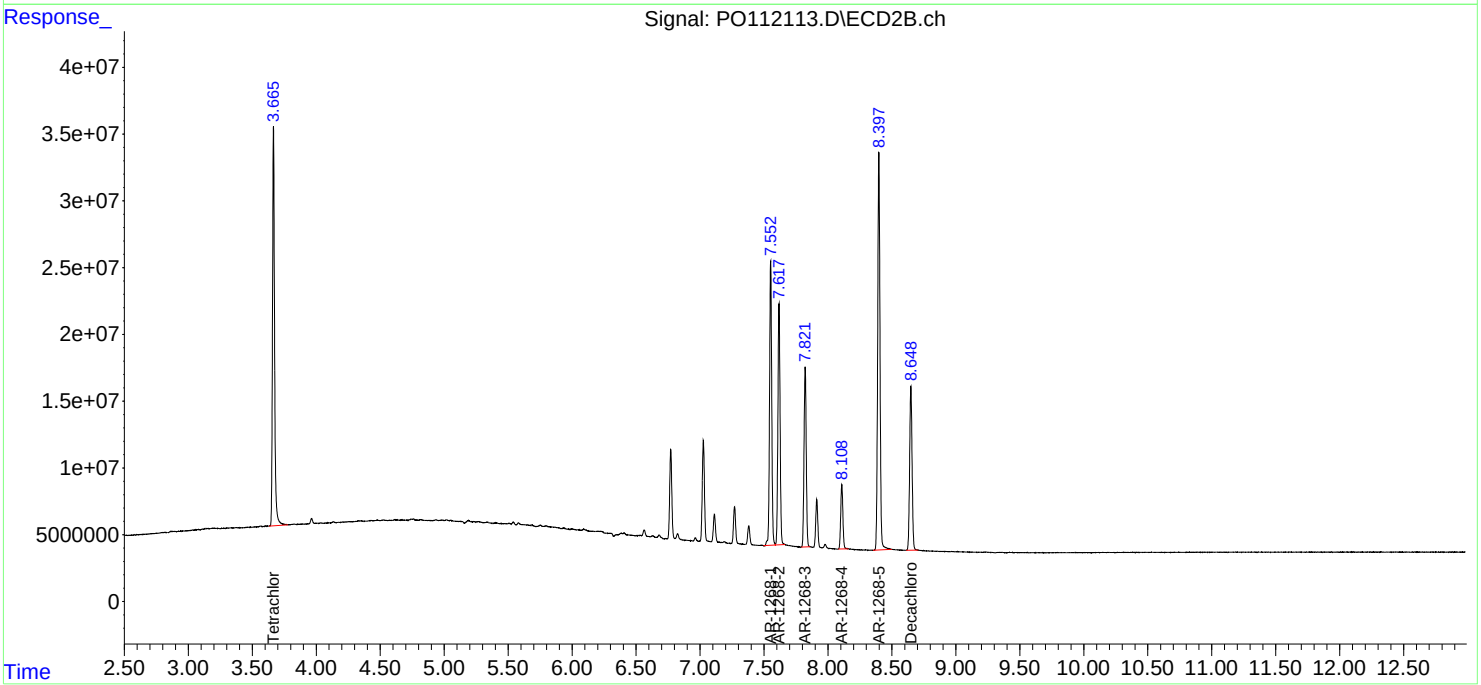
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:39
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112114.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:57
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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	3.667	259.9E6	164.3E6	24.261	24.302
2)	SA Decachlor...	8.703	8.650	342.2E6	82659475	24.738	25.404
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.553	472.5E6	128.6E6	244.386	257.479
42)	L9 AR-1268-2	7.658	7.619	399.3E6	109.7E6	245.741	257.940
43)	L9 AR-1268-3	7.864	7.823	334.3E6	83790903	247.301	259.922
44)	L9 AR-1268-4	8.153	8.110	127.6E6	29384246	248.229	254.210
45)	L9 AR-1268-5	8.446	8.399	837.4E6	188.8E6	243.174	252.154

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

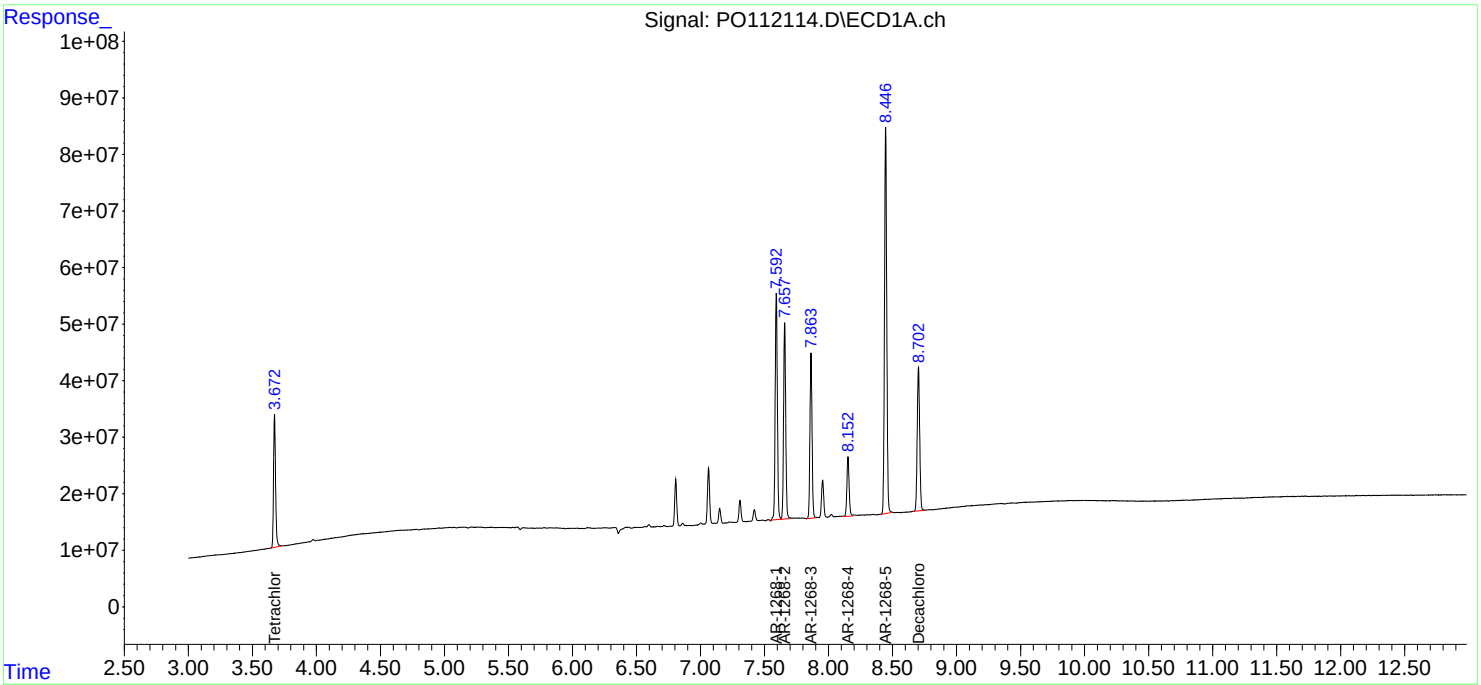
ICAL Form

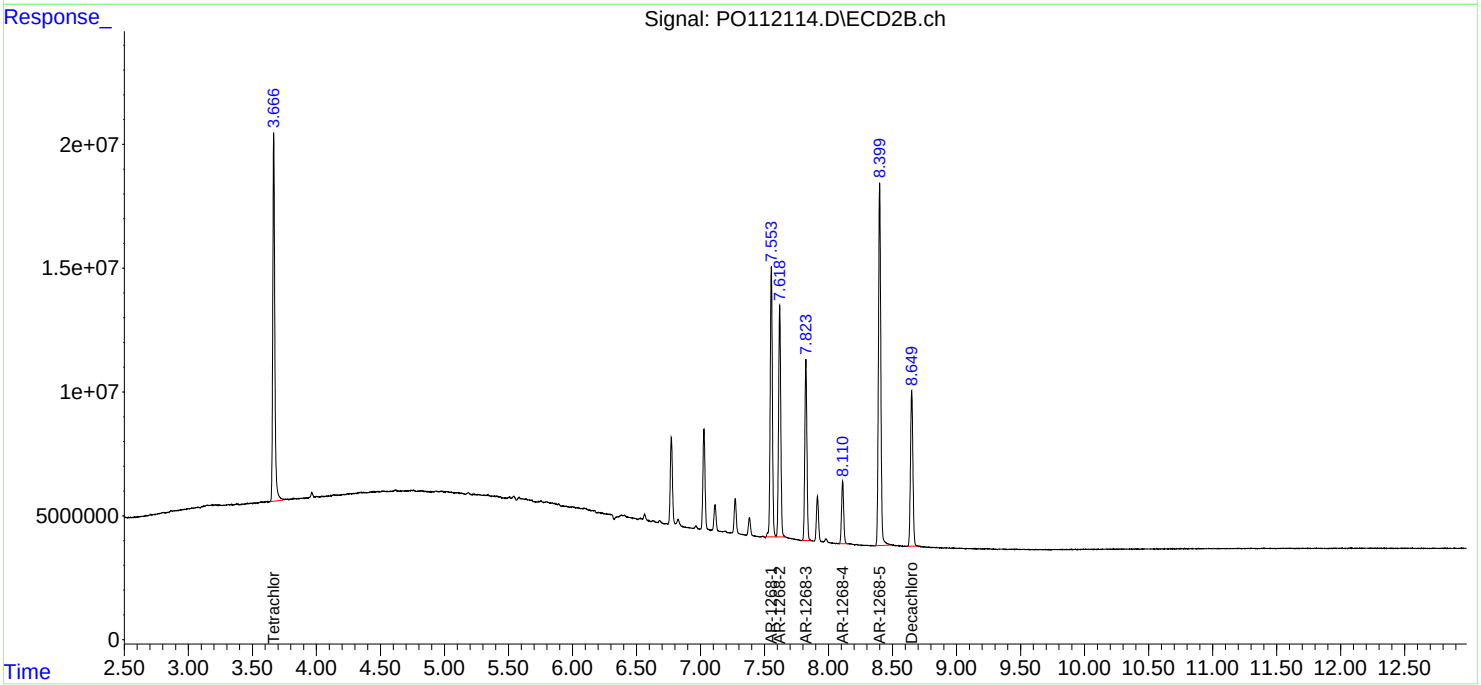
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112114.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:57
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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	3.666	38867548	25586379	3.628	3.784
2)	SA Decachlor...	8.703	8.649	53087700	13607316	3.838	4.182
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.553	73430329	23025590	37.981m	46.098
42)	L9 AR-1268-2	7.658	7.618	64617530	19259498	39.767	45.302
43)	L9 AR-1268-3	7.863	7.822	55605590	14843274	41.132m	46.044
44)	L9 AR-1268-4	8.154	8.109	18826938	4939808	36.625	42.735
45)	L9 AR-1268-5	8.447	8.398	127.8E6	32095228	37.097	42.862

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

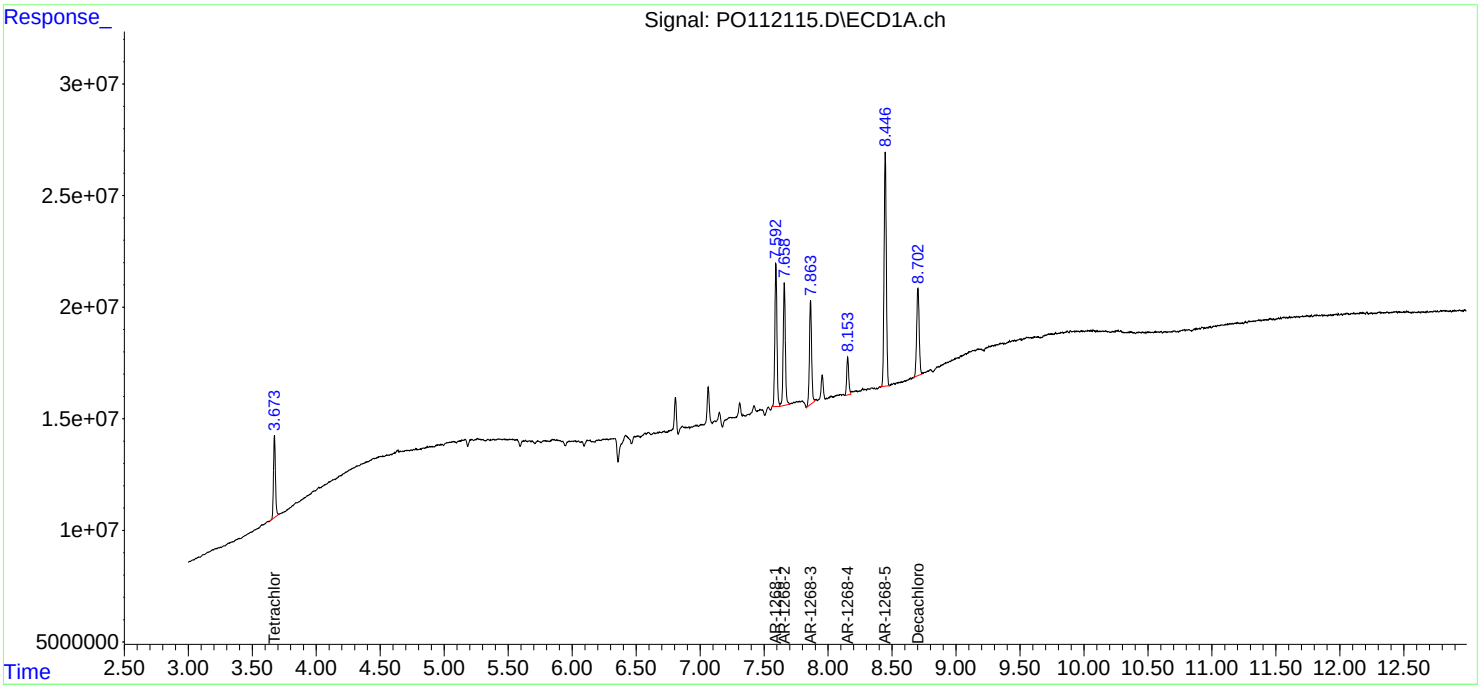
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

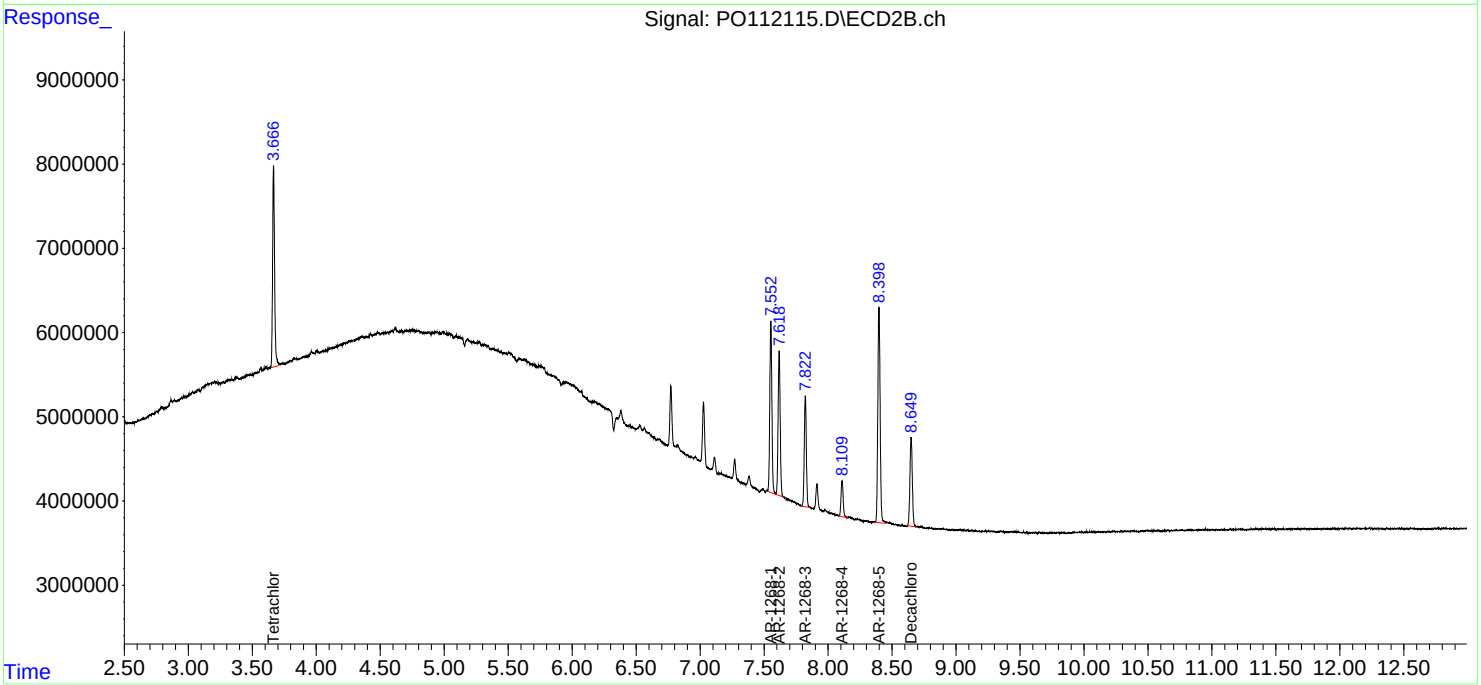
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.666	521.7E6	329.9E6	52.728	51.784
2)	SA Decachlor...	8.702	8.649	362.0E6	87909411	52.944	51.007
	Target Compounds						
3)	L1 AR-1016-1	4.760	4.742	175.3E6	107.8E6	515.284	483.610m
4)	L1 AR-1016-2	4.779	4.761	259.8E6	163.6E6	522.388	497.237m
5)	L1 AR-1016-3	4.836	4.936	165.0E6	85046592	509.600	500.666
6)	L1 AR-1016-4	4.956	4.979	132.8E6	68299058	517.300	497.707
7)	L1 AR-1016-5	5.213	5.190	137.8E6	89116759	503.683	516.768
31)	L7 AR-1260-1	6.250	6.220	257.1E6	138.6E6	512.929	493.882
32)	L7 AR-1260-2	6.440	6.408	380.3E6	165.9E6	515.168	487.864
33)	L7 AR-1260-3	6.806	6.559	331.7E6	141.4E6	506.110	512.911m
34)	L7 AR-1260-4	7.065	7.029	235.9E6	98320139	541.983	490.020m
35)	L7 AR-1260-5	7.308	7.271	694.1E6	218.4E6	549.787	487.907

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

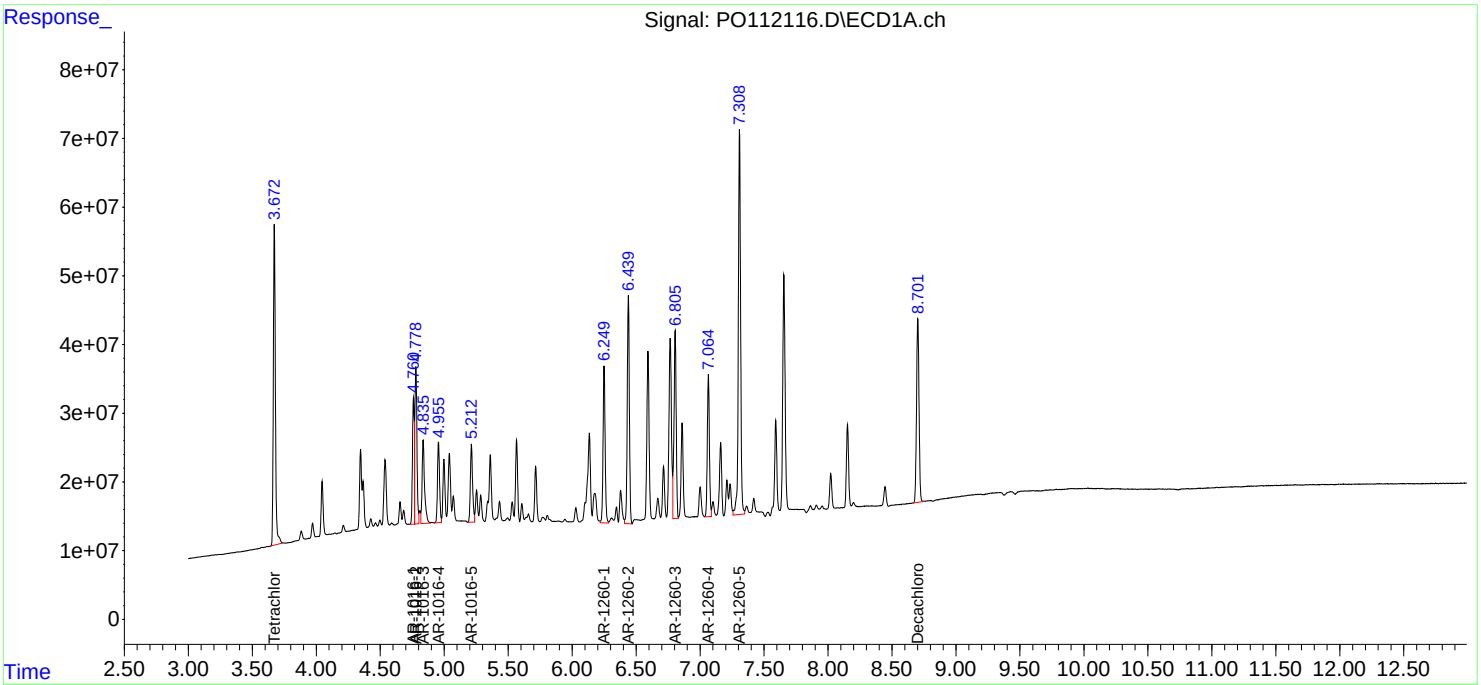
Instrument :
ECD_O
ClientSampleId :
ICVPO070825

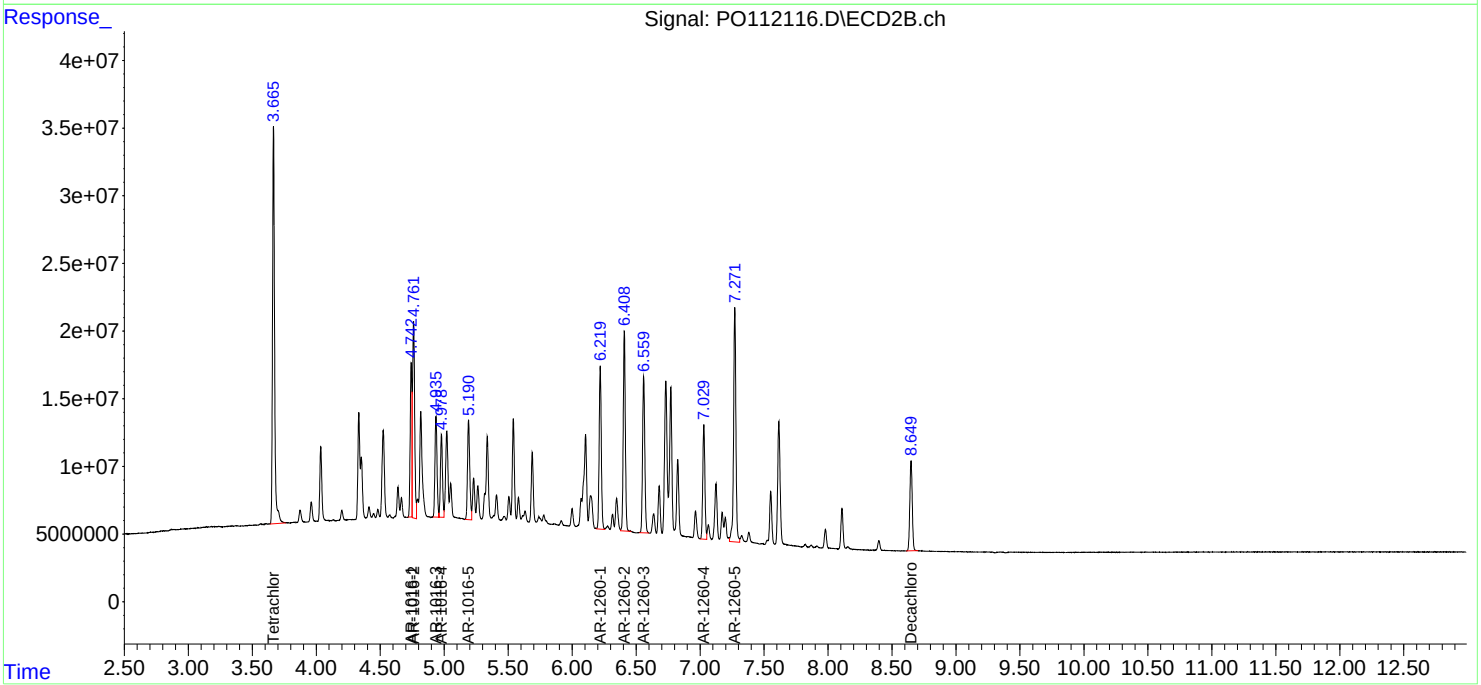
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:11
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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	3.666	512.4E6	321.3E6	51.790	50.425
2)	SA Decachlor...	8.703	8.649	365.5E6	88771778	53.453	51.508
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.742	146.8E6	93302949	506.810	481.294
17)	L4 AR-1242-2	4.779	4.761	220.6E6	136.9E6	518.026	483.283
18)	L4 AR-1242-3	4.836	4.936	139.5E6	71189360	509.797	488.679
19)	L4 AR-1242-4	4.956	5.020	112.3E6	68561477	498.302	483.370
20)	L4 AR-1242-5	5.607	5.540	110.4E6	88688434	521.388	488.012

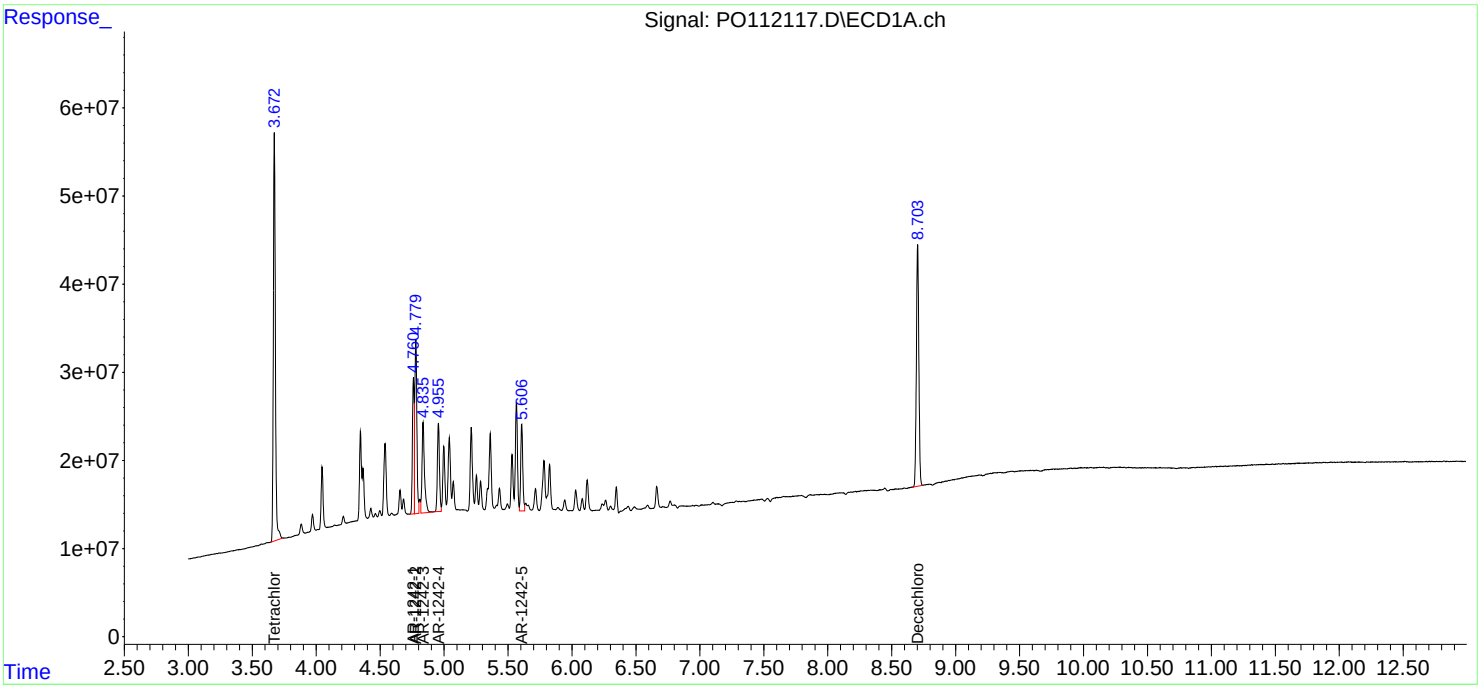
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

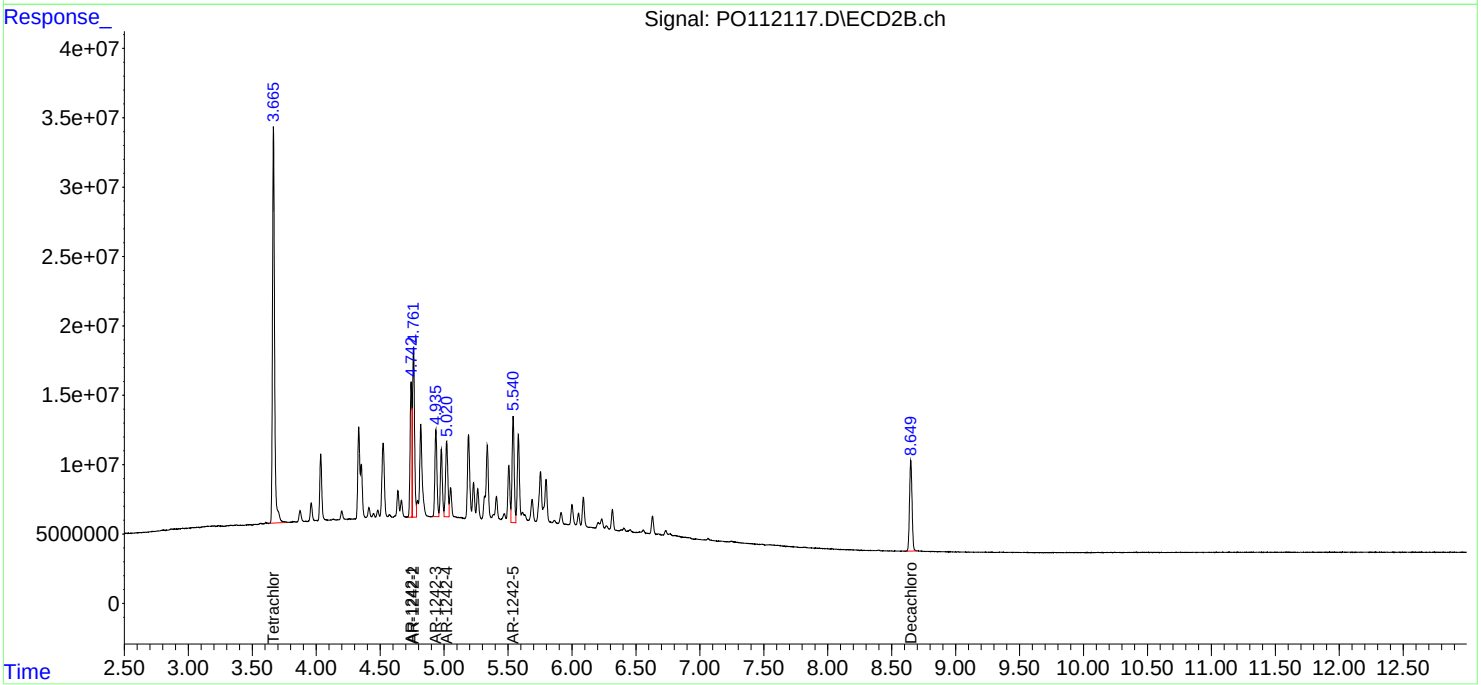
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:11
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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	3.666	508.1E6	317.9E6	51.354	49.890
2)	SA Decachlor...	8.702	8.650	362.9E6	88364492	53.072	51.272
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.742	111.3E6	71004811	490.349	459.970
22)	L5 AR-1248-2	4.998	4.979	149.3E6	96786968	484.269	470.370
23)	L5 AR-1248-3	5.213	5.020	189.9E6	101.5E6	466.127	472.319
24)	L5 AR-1248-4	5.565	5.191	278.9E6	121.0E6	483.314	467.745
25)	L5 AR-1248-5	5.607	5.581	185.2E6	118.9E6	474.463	474.612

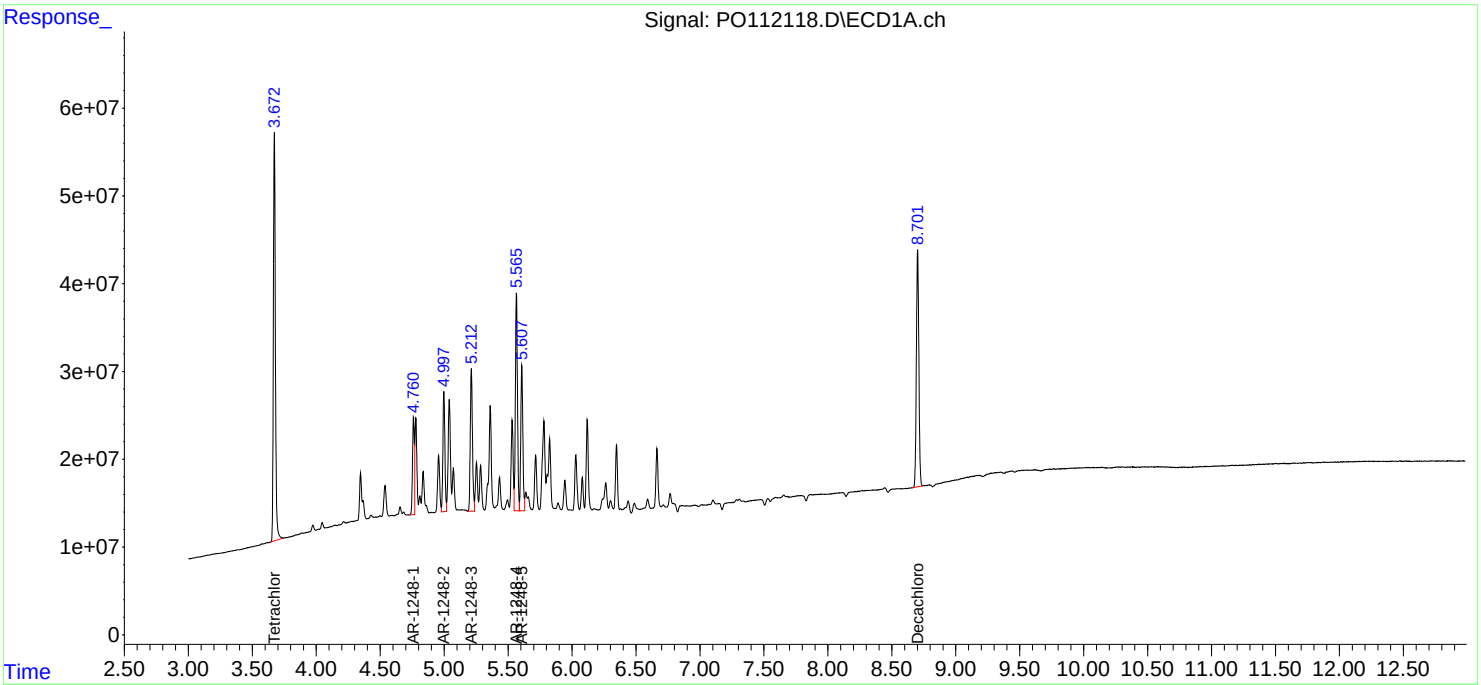
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

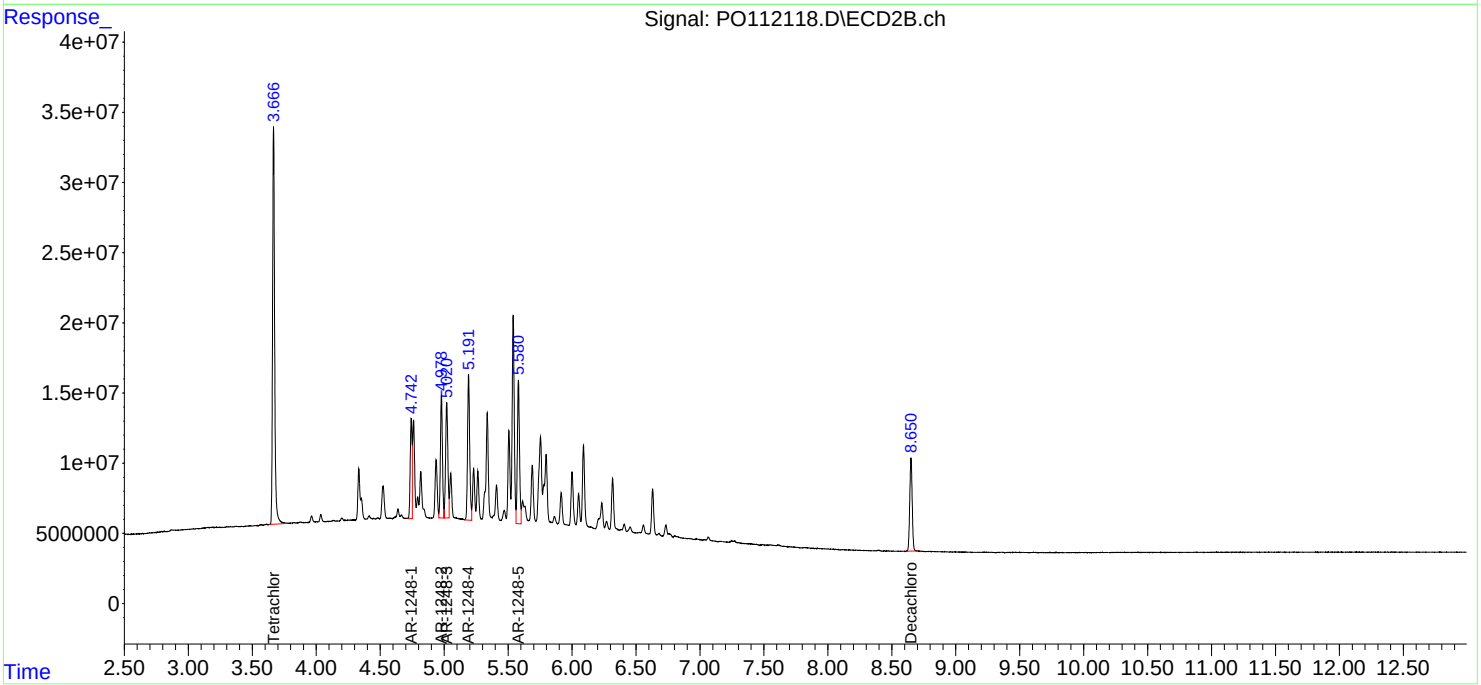
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 00:24
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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	3.666	520.2E6	322.7E6	52.569	50.649
2)	SA Decachlor...	8.702	8.648	368.3E6	89811642	53.866	52.111
	Target Compounds						
26)	L6 AR-1254-1	5.566	5.541	297.8E6	181.0E6	484.137	474.939
27)	L6 AR-1254-2	5.715	5.688	261.9E6	156.8E6	488.891	472.651
28)	L6 AR-1254-3	6.119	6.089	408.1E6	227.3E6	486.021	471.452
29)	L6 AR-1254-4	6.348	6.317	268.6E6	129.6E6	558.360	496.987
30)	L6 AR-1254-5	6.768	6.733	381.5E6	170.5E6	492.940	478.367

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

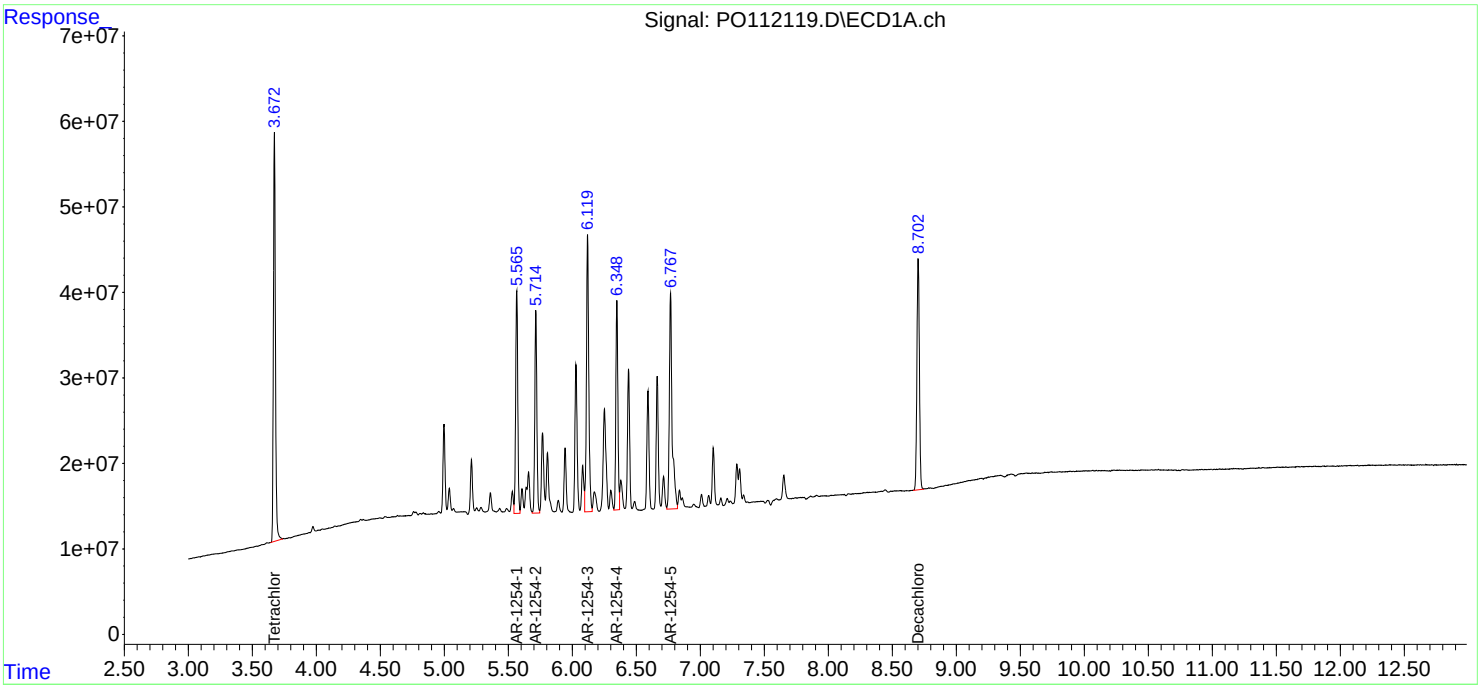
ICAL Form

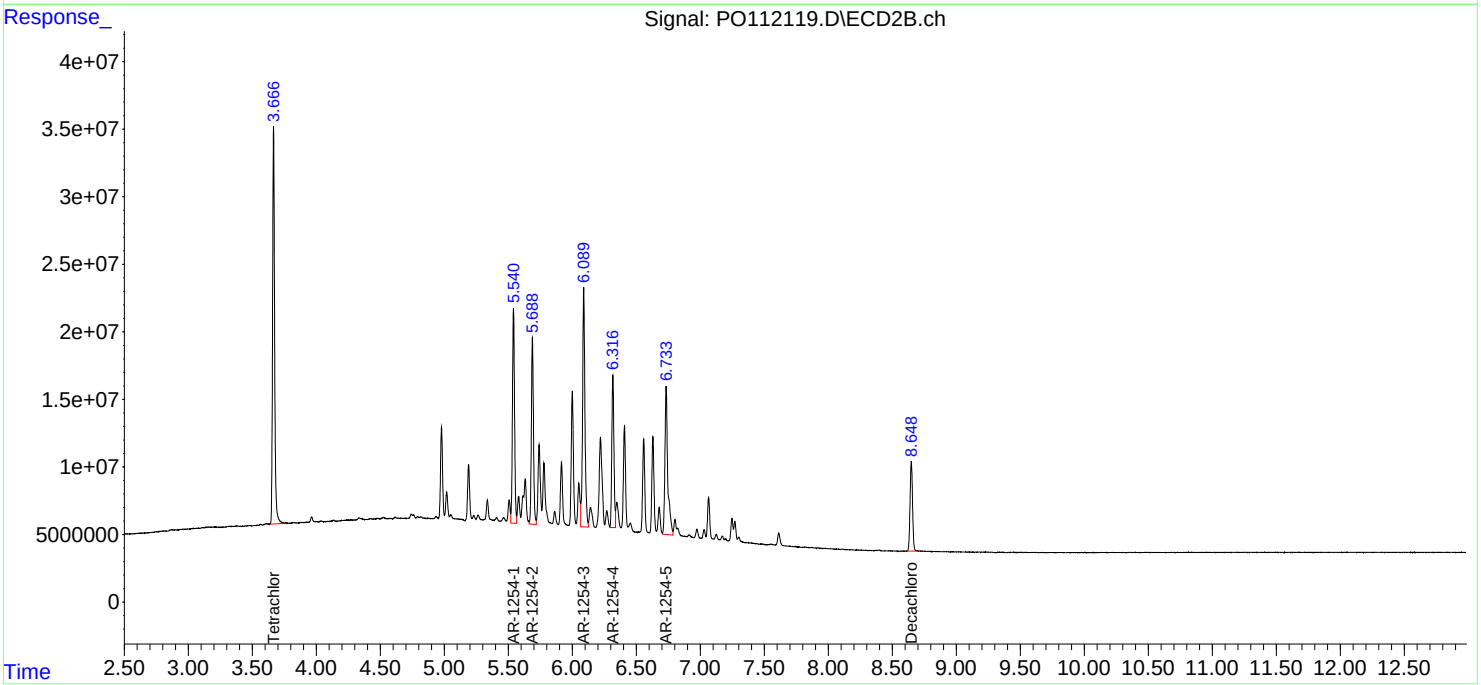
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 00:24
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 01:01
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:54:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.666	507.9E6	314.4E6	50.119	49.097
2)	SA Decachlor...	8.702	8.650	672.6E6	158.8E6	51.008	50.729
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.554	933.4E6	244.5E6	507.990	497.487
42)	L9 AR-1268-2	7.658	7.619	787.7E6	208.0E6	505.709	498.485
43)	L9 AR-1268-3	7.863	7.823	660.1E6	157.4E6	507.919	497.424
44)	L9 AR-1268-4	8.153	8.110	233.4E6	55400600	485.897	496.813
45)	L9 AR-1268-5	8.446	8.399	1686.7E6	361.3E6	516.807	497.353

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

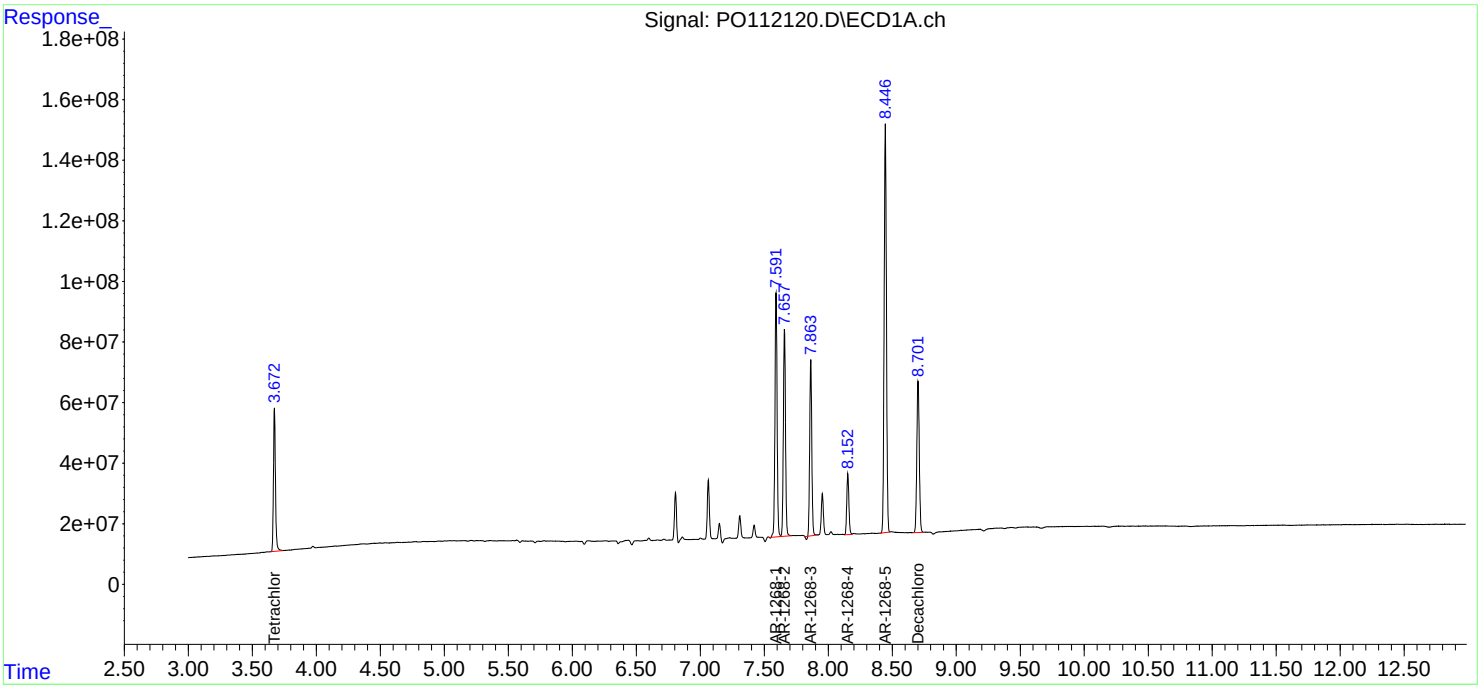
ICAL Form

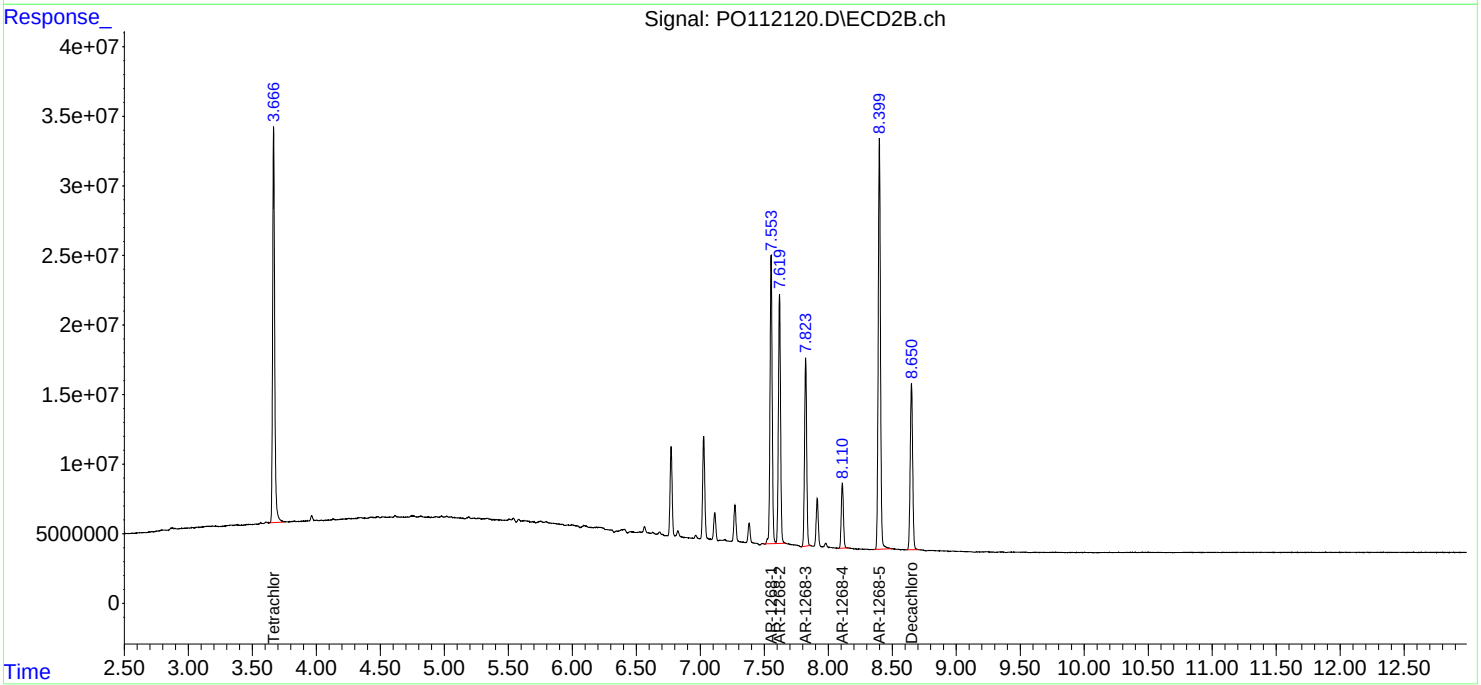
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 01:01
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:54:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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





Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_P **Calibration Date(s):** 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

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

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D

RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1016-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1016-3	(3)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1016-4	(4)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-5	(5)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1260-1	(1)	7.23	7.23	7.23	7.23	7.23	7.23	7.13	7.33
Aroclor-1260-2	(2)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1260-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1260-4	(4)	8.06	8.07	8.06	8.07	8.06	8.06	7.96	8.16
Aroclor-1260-5	(5)	8.38	8.38	8.38	8.39	8.38	8.38	8.28	8.48
Decachlorobiphenyl		10.18	10.18	10.18	10.18	10.17	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-1242-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1242-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1242-3	(3)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1242-4	(4)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-5	(5)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.18	10.18	10.17	10.18	10.17	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	5.63	5.64	5.54	5.74
Aroclor-1248-2	(2)	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Aroclor-1248-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1248-4	(4)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1248-5	(5)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.18	10.18	10.17	10.18	10.17	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	6.48	6.49	6.49	6.39	6.59
Aroclor-1254-2	(2)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1254-3	(3)	7.07	7.07	7.06	7.06	7.06	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)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Decachlorobiphenyl		10.18	10.18	10.17	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)	8.69	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Aroclor-1268-2	(2)	8.78	8.79	8.79	8.78	8.79	8.79	8.69	8.89
Aroclor-1268-3	(3)	9.01	9.01	9.01	9.01	9.02	9.01	8.91	9.11
Aroclor-1268-4	(4)	9.43	9.43	9.43	9.43	9.43	9.43	9.33	9.53
Aroclor-1268-5	(5)	9.84	9.84	9.84	9.84	9.84	9.84	9.74	9.94

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.18	10.18	10.18	10.17	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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_P **Calibration Date(s):** 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

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

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D

RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1016-2	(2)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-3	(3)	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
Aroclor-1016-4	(4)	5.10	5.10	5.09	5.10	5.09	5.09	4.99	5.19
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1242-2	(2)	4.87	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-3	(3)	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1248-2	(2)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CAMP02
SDG NO.: Q2529
Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID: CF 1000 = PP073554.D CF 750 = PP073555.D
CF 500 = PP073556.D CF 250 = PP073557.D CF 050 = PP073558.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575	8
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889	5
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076	6
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576	5
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413	9
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244	5
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861	15
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629	4
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879	5
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740	5
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435	8
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000	6
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222	10
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039	7
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912	5
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023	9
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874	4
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333	6
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182	5
Aroclor-1248-1	(1)	29290065	30340729	31459936	34321104	28940820	30870531	7
Aroclor-1248-2	(2)	37625323	39736876	40535254	44074952	37644360	39923353	6
Aroclor-1248-3	(3)	43927993	45846956	46075290	48569104	37628800	44409629	9
Aroclor-1248-4	(4)	53376796	55925132	57147446	59774616	49178580	55080514	7
Aroclor-1248-5	(5)	51803368	53704276	55758942	57942584	49744040	53790642	6
Decachlorobiphenyl		1098016930	1133084880	1145143920	1172914800	889666400	1087765386	10
Tetrachloro-m-xylene		1321954420	1371326347	1415433040	1456874560	1240770200	1361271713	6
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529	5
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880	6
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688	4
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036	4
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806	3
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289	1
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003	3
Aroclor-1268-1	(1)	220572869	225132533	228083942	237689468	204639620	223223686	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	188785361	192061012	194228718	202923360	174527620	190505214	5
Aroclor-1268-3	(3)	161320167	164379476	166708106	175220108	160250740	165575719	3
Aroclor-1268-4	(4)	68937885	69804631	69558114	75087068	64331720	69543884	5
Aroclor-1268-5	(5)	477643268	472782711	485154758	497337016	371889540	460961459	10
Decachlorobiphenyl		1977874930	2021254947	2057047680	2189262080	1794844800	2008056887	7
Tetrachloro-m-xylene		1351774000	1390310400	1415817780	1495349000	1314096000	1393469436	5

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_P **Calibration Date(s):** 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

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

LAB FILE ID: **CF 1000 =** PP073554.D **CF 750 =** PP073555.D

CF 500 = PP073556.D **CF 250 =** PP073557.D **CF 050 =** PP073558.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	68174727	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	101884386	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	54106318	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	43880839	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	54582511	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	97560301	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	122837583	5
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	109463813	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	89408430	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	224736611	5
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	1323148980	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	1842292499	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	57764761	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	86454187	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	45946660	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	44263306	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	55242467	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	1326387165	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	1826316417	7
Aroclor-1248-1	(1)	41993150	43590469	45185544	49843992	43861300	44894891	6
Aroclor-1248-2	(2)	55737799	58586344	61889020	66706936	64762540	61536528	7
Aroclor-1248-3	(3)	58429721	61323012	64407590	69469512	66692820	64064531	6
Aroclor-1248-4	(4)	68661033	72026459	75308372	81734520	79156680	75377413	7
Aroclor-1248-5	(5)	69725277	73210425	76423314	81696724	71898780	74590904	6
Decachlorobiphenyl		1298382400	1392805453	1360355620	1440840840	1158845800	1330246023	8
Tetrachloro-m-xylene		1855486030	1865559853	1910416600	1967065360	1674658000	1854637169	6
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	116030082	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	100623556	9
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	154446455	5
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	94559187	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	133444861	5
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	1400823360	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	1905735409	3
Aroclor-1268-1	(1)	290584667	307587391	307795276	323603296	307313580	307376842	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	254148086	267727805	267575410	282961968	256026000	265687854	4
Aroclor-1268-3	(3)	211648098	225837245	227309934	242217372	220889640	225580458	5
Aroclor-1268-4	(4)	89640321	95098047	95218176	99881904	85000720	92967834	6
Aroclor-1268-5	(5)	595257746	637650785	622434144	650778188	576631820	616550537	5
Decachlorobiphenyl		2396229270	2556860227	2535017940	2683507840	2355689000	2505460855	5
Tetrachloro-m-xylene		1866286350	1953909840	1937791560	2021719520	1790813600	1914104174	5

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.69	4.59	4.79	17866400
		2	4.78	4.68	4.88	13504500
		3	4.85	4.75	4.95	41604800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	32650800
		2	5.37	5.27	5.47	16254700
		3	5.66	5.56	5.76	32993400
		4	5.82	5.72	5.92	16445200
		5	5.91	5.81	6.01	10570400
Aroclor-1248	750	1	5.64	5.54	5.74	30340700
		2	5.91	5.81	6.01	39736900
		3	6.11	6.01	6.21	45846900
		4	6.51	6.41	6.61	55925100
		5	6.55	6.45	6.65	53704300
Aroclor-1262	500	1	8.07	7.97	8.17	87027200
		2	8.38	8.28	8.48	198028000
		3	8.70	8.60	8.80	125725000
		4	8.78	8.68	8.88	93262800
		5	9.43	9.33	9.53	63389400

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	27045000
		2	4.08	3.98	4.18	20360400
		3	4.15	4.05	4.25	61448600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	46614400
		2	4.88	4.78	4.98	47659800
		3	5.05	4.95	5.15	25029000
		4	5.14	5.04	5.24	21656200
		5	5.31	5.21	5.41	22563400
Aroclor-1248	750	1	4.86	4.76	4.96	43590500
		2	5.09	4.99	5.19	58586400
		3	5.14	5.04	5.24	61323100
		4	5.31	5.21	5.41	72026400
		5	5.70	5.60	5.80	73210400
Aroclor-1262	500	1	6.89	6.79	6.99	147692000
		2	7.15	7.05	7.25	127829000
		3	7.67	7.57	7.77	114019000
		4	7.74	7.64	7.84	184049000
		5	8.23	8.13	8.33	84435600

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:03
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 08 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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...	4.486	3.781	131.5E6	177.4E6	93.026	94.696
2)	SA Decachlor...	10.176	8.782	107.5E6	128.8E6	93.796	97.280
	Target Compounds						
3)	L1 AR-1016-1	5.637	4.858	42452248	63548895	900.578	927.437
4)	L1 AR-1016-2	5.658	4.876	66518124	95987811	923.237	935.651
5)	L1 AR-1016-3	5.720	5.053	39961628	50406684	904.874	919.008
6)	L1 AR-1016-4	5.818	5.095	33606097	39688708	918.399	904.134
7)	L1 AR-1016-5	6.111	5.308	30910810	50298801	942.795	903.675
31)	L7 AR-1260-1	7.227	6.338	55735594	89335231	934.162	898.100
32)	L7 AR-1260-2	7.481	6.527	82256765	113.0E6	909.981	911.272
33)	L7 AR-1260-3	7.838	6.679	71122512	102.9E6	952.220	916.511
34)	L7 AR-1260-4	8.063	7.148	63951646	82942909	958.358	898.144
35)	L7 AR-1260-5	8.381	7.390	147.6E6	218.3E6	952.936	940.240

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

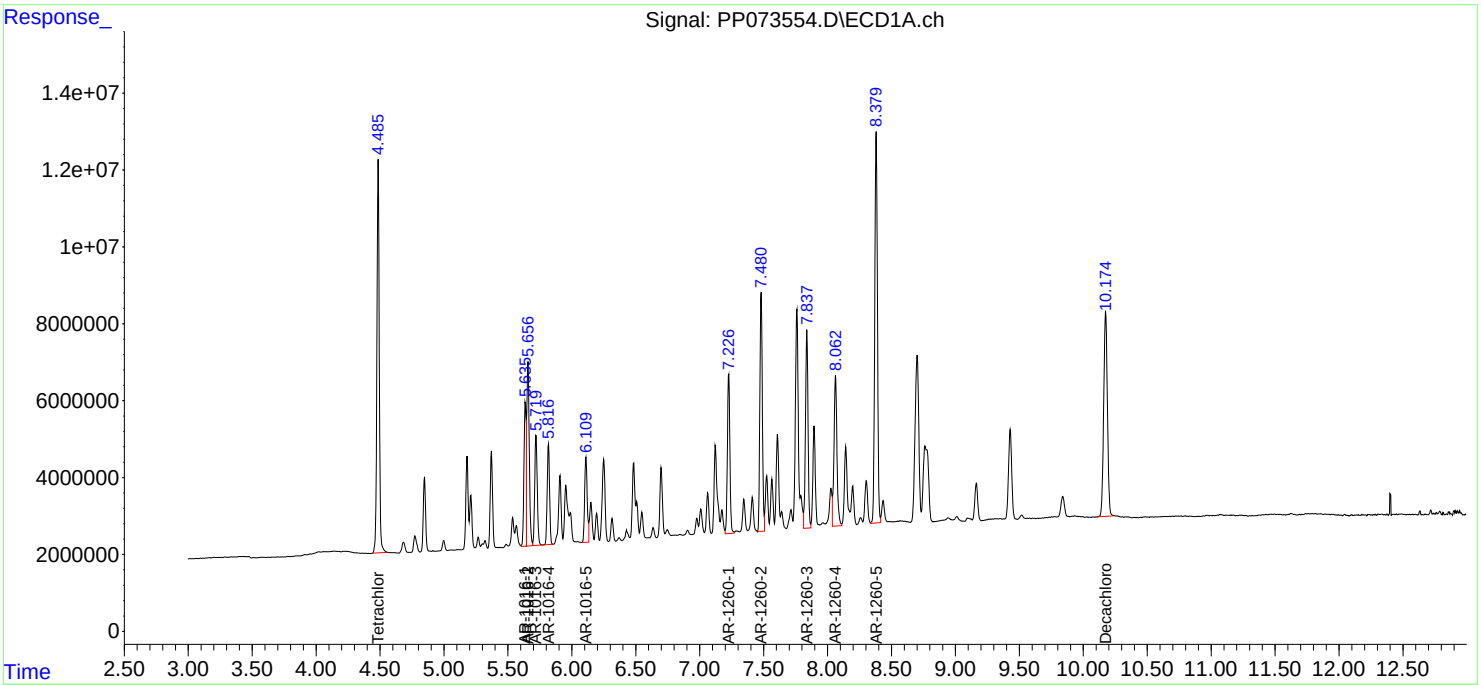
ICAL Form

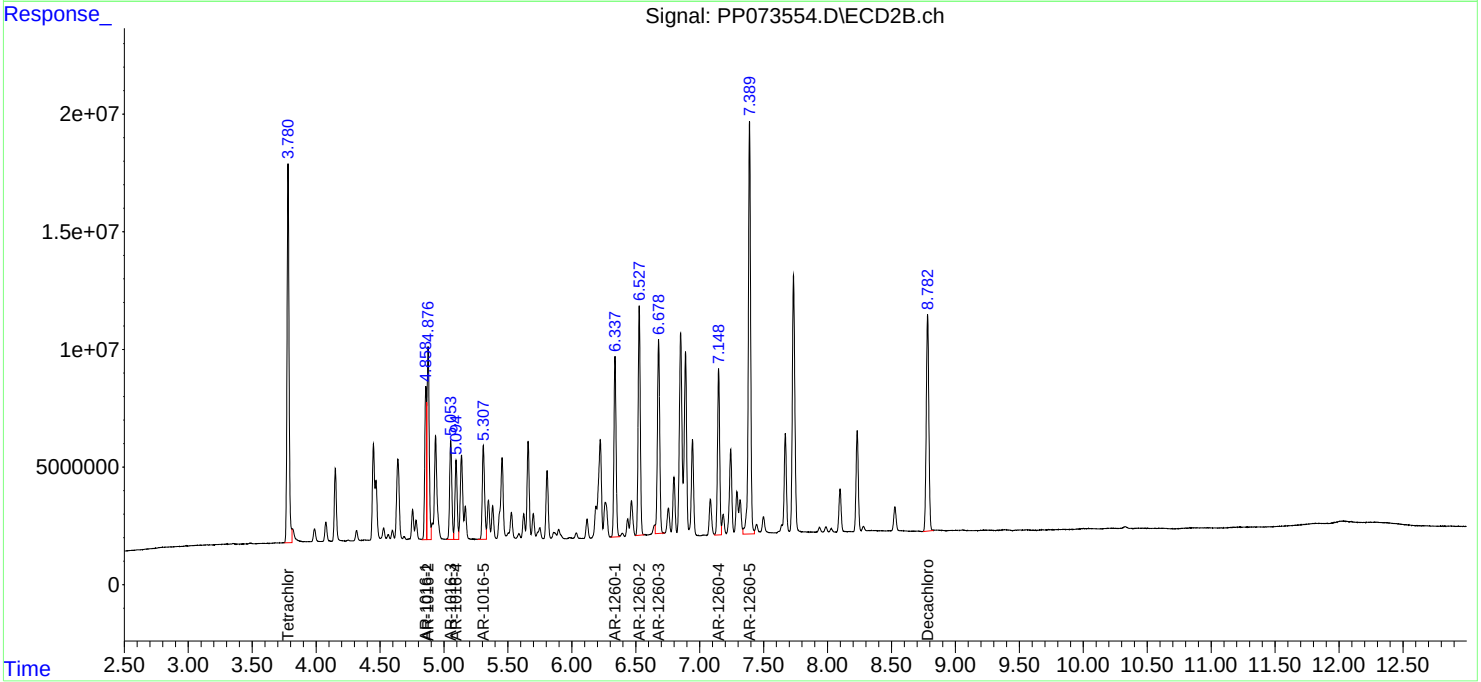
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:03
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:19
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 08 01:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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	3.780	102.8E6	142.0E6	72.739	75.791
2)	SA Decachlor...	10.177	8.781	83570453	100.4E6	72.917	75.817
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.859	34213394	50217519	725.800	732.878
4)	L1 AR-1016-2	5.661	4.876	52606484	74857573	730.151	729.682
5)	L1 AR-1016-3	5.722	5.052	31534647	39834108	714.057	726.250
6)	L1 AR-1016-4	5.820	5.095	26606805	31578742	727.120	719.383
7)	L1 AR-1016-5	6.112	5.308	23978479	40115862	731.355	720.727
31)	L7 AR-1260-1	7.230	6.338	43342023	70882887	726.438	712.596
32)	L7 AR-1260-2	7.483	6.527	65155158	88919856	720.792	717.075
33)	L7 AR-1260-3	7.841	6.678	55295986	81310749	740.327	724.093
34)	L7 AR-1260-4	8.065	7.148	49508585	67830449	741.919	734.499
35)	L7 AR-1260-5	8.383	7.390	113.9E6	176.0E6	735.086	757.944

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

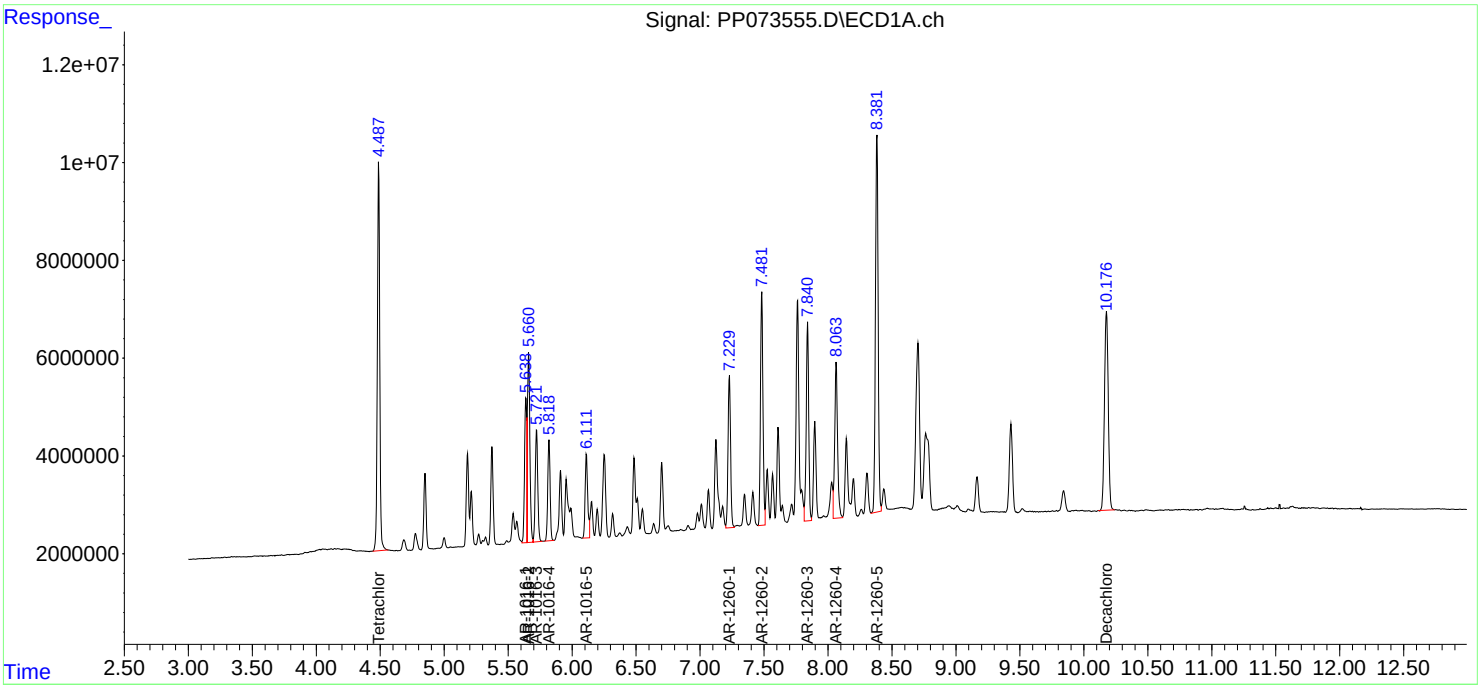
ICAL Form

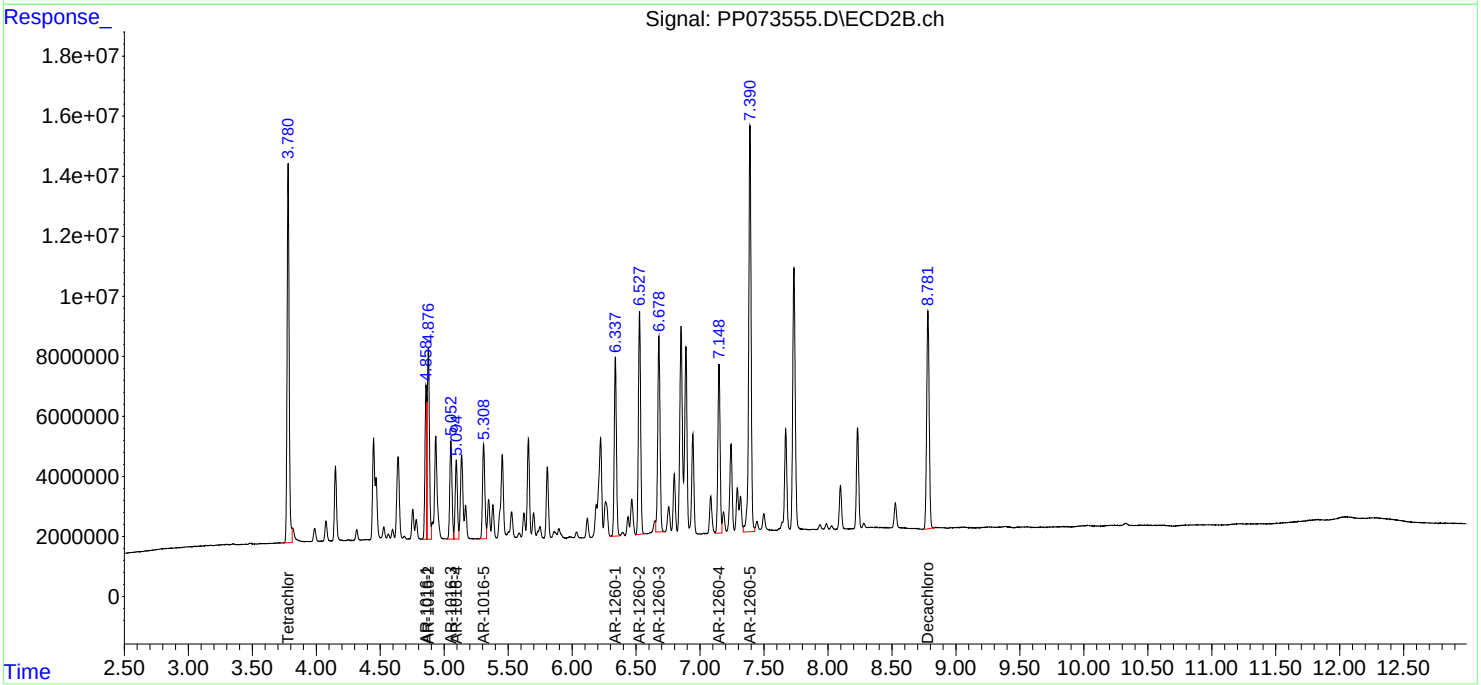
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:19
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:35
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 08 01:40:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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	3.778	70659473	93670223	50.000	50.000
2)	SA Decachlor...	10.176	8.780	57305531	66225271	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.858	23569436	34260490	500.000	500.000
4)	L1 AR-1016-2	5.660	4.875	36024404	51294648	500.000	500.000
5)	L1 AR-1016-3	5.722	5.051	22081319	27424517	500.000	500.000
6)	L1 AR-1016-4	5.820	5.093	18296028	21948478	500.000	500.000
7)	L1 AR-1016-5	6.112	5.307	16393178	27830144	500.000	500.000
31)	L7 AR-1260-1	7.229	6.337	29831866	49735666	500.000	500.000
32)	L7 AR-1260-2	7.483	6.525	45196946	62001775	500.000	500.000
33)	L7 AR-1260-3	7.840	6.677	37345649	56146648	500.000	500.000
34)	L7 AR-1260-4	8.064	7.146	33365205	46174637	500.000	500.000
35)	L7 AR-1260-5	8.383	7.389	77448161	116.1E6	500.000	500.000

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

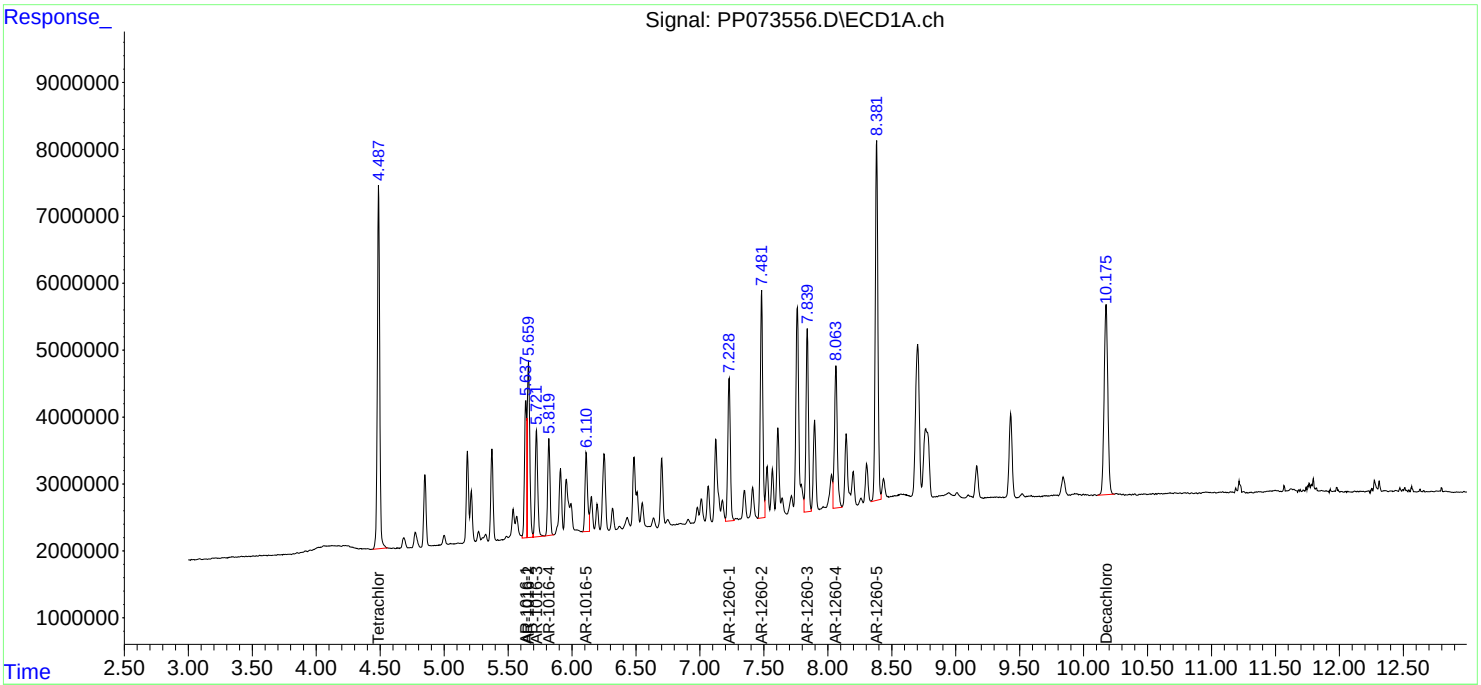
ICAL Form

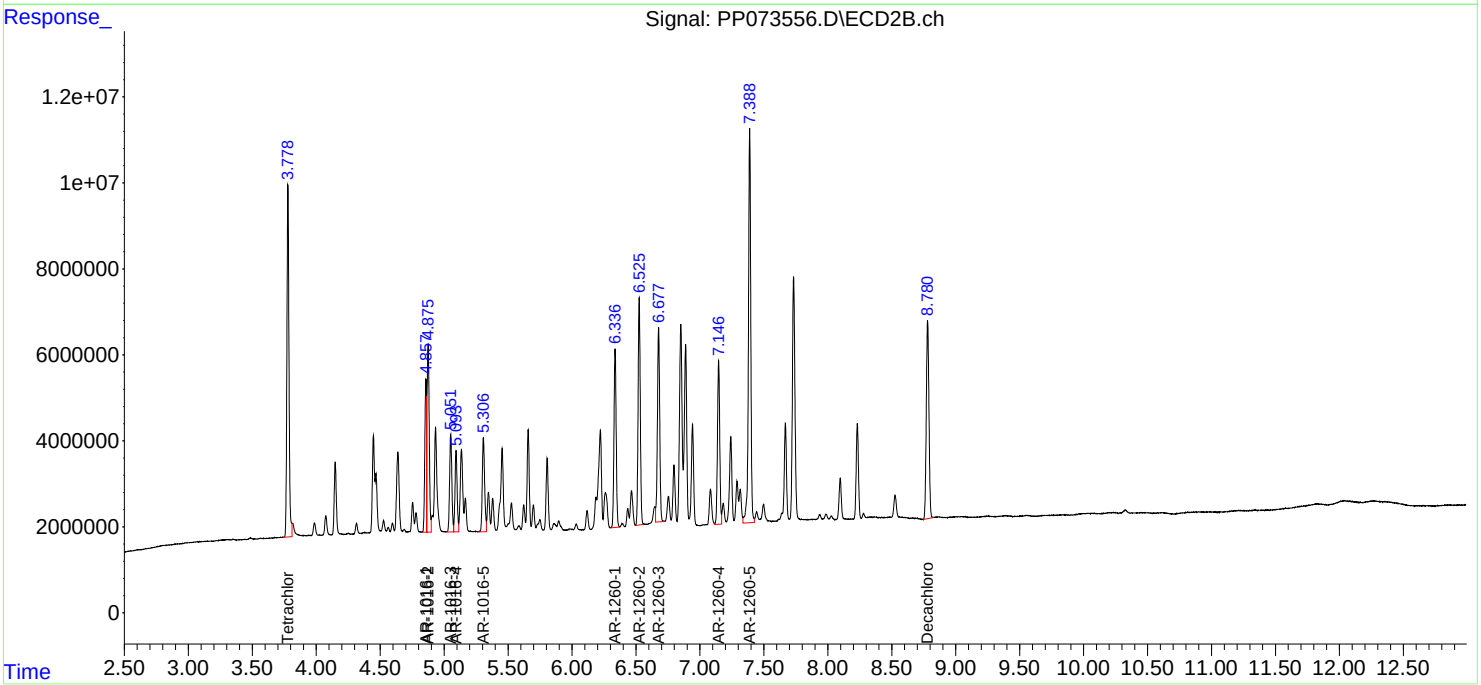
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:35
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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	3.780	36726195	48601054	25.988	25.943
2)	SA Decachlor...	10.180	8.781	29096309	36663112	25.387	27.681
	Target Compounds						
3)	L1 AR-1016-1	5.640	4.858	12627919	18293907	267.888	266.983
4)	L1 AR-1016-2	5.662	4.876	19179159	27468197	266.197	267.749
5)	L1 AR-1016-3	5.723	5.053	11597460	14482667	262.608	264.046
6)	L1 AR-1016-4	5.821	5.095	9615182	11760046	262.767	267.901
7)	L1 AR-1016-5	6.113	5.308	8568508	14818058	261.344	266.223
31)	L7 AR-1260-1	7.231	6.339	15831007	26051826	265.337	261.903
32)	L7 AR-1260-2	7.484	6.527	24493361	32462748	270.963	261.789
33)	L7 AR-1260-3	7.843	6.679	19201014	29417085	257.072	261.967
34)	L7 AR-1260-4	8.066	7.147	17258868	24081302	258.636	260.763m
35)	L7 AR-1260-5	8.385	7.391	40210084	58426954	259.594	251.596m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

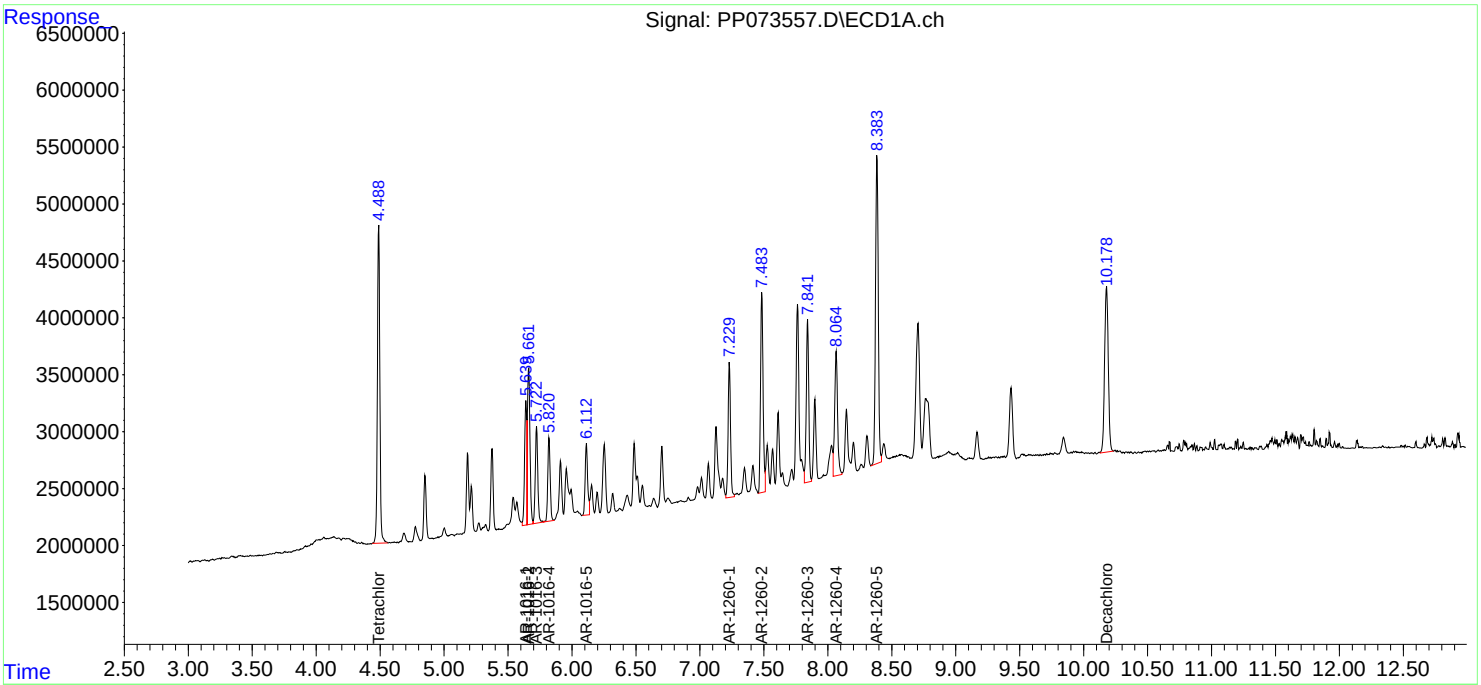
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

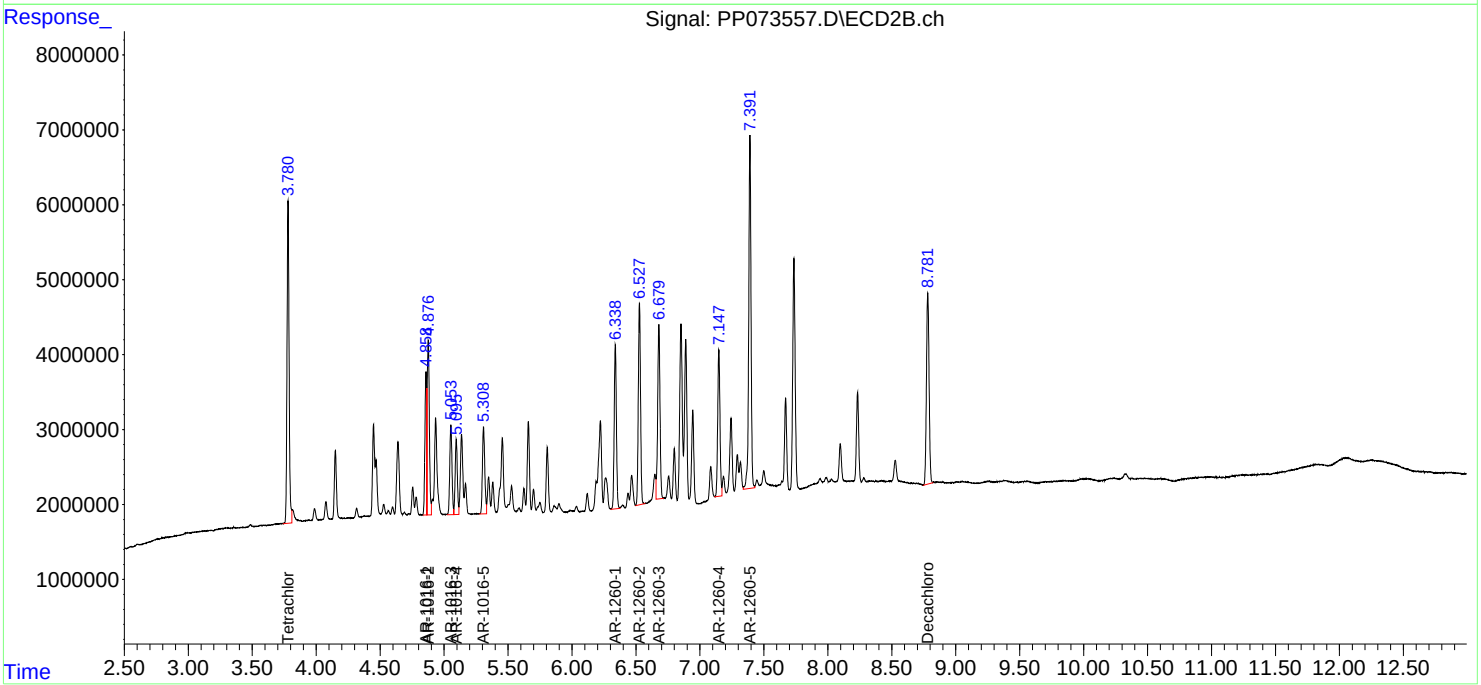
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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...	4.485	3.779	6400868	8634125	4.529	4.609
2)	SA Decachlor...	10.173	8.780	4780120	5986472	4.171	4.520
	Target Compounds						
3)	L1 AR-1016-1	5.635	4.857	2592361	3433572	54.994m	50.110
4)	L1 AR-1016-2	5.658	4.875	3532445	5058097	49.029	49.304
5)	L1 AR-1016-3	5.719	5.052	2287754	2711653	51.803	49.438
6)	L1 AR-1016-4	5.817	5.094	1779663	2333668	48.635	53.162
7)	L1 AR-1016-5	6.109	5.307	1335478	2709671	40.733	48.682
31)	L7 AR-1260-1	7.226	6.336	2914675	5013856	48.852	50.405m
32)	L7 AR-1260-2	7.482	6.525	6085083	6438631	67.317	51.923
33)	L7 AR-1260-3	7.838	6.677	3450365	5301254	46.195	47.209
34)	L7 AR-1260-4	8.061	7.146	3038521	4249208	45.534	46.012m
35)	L7 AR-1260-5	8.379	7.388	6955237	10235896	44.903	44.077m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

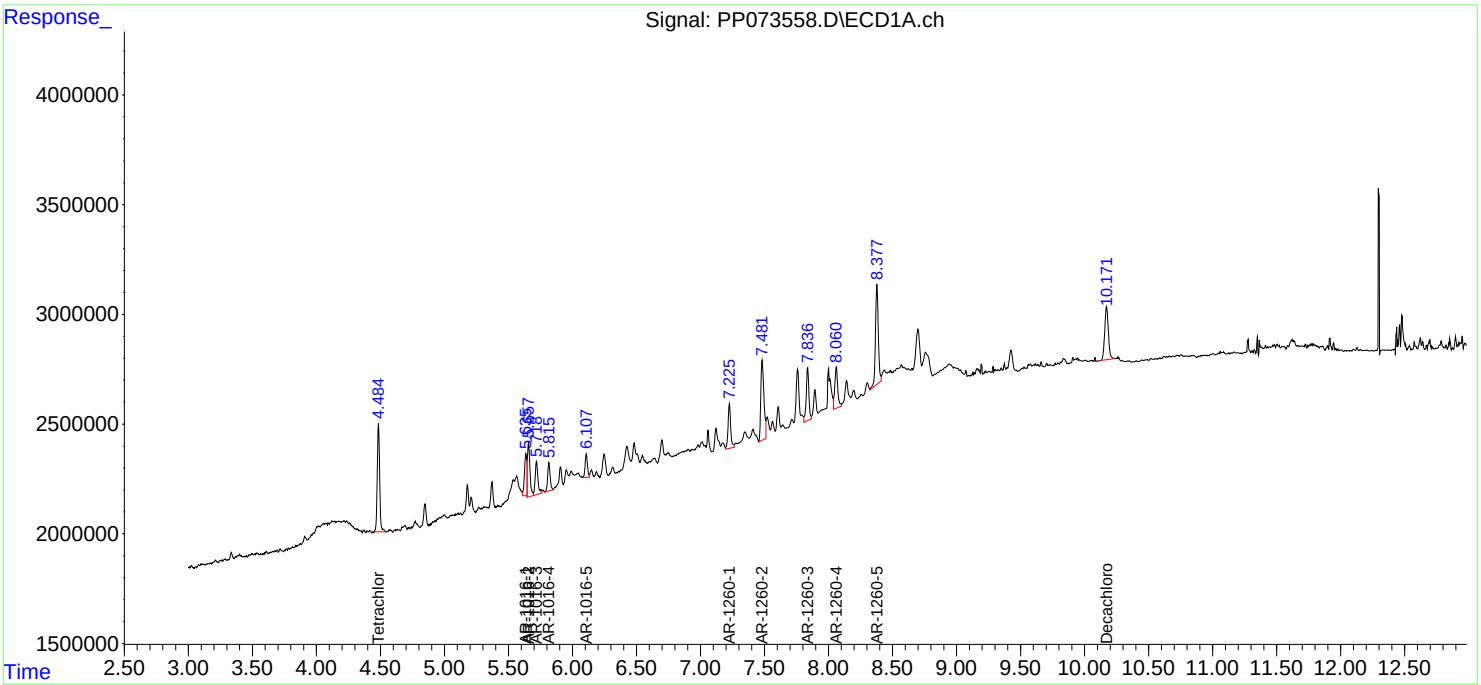
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

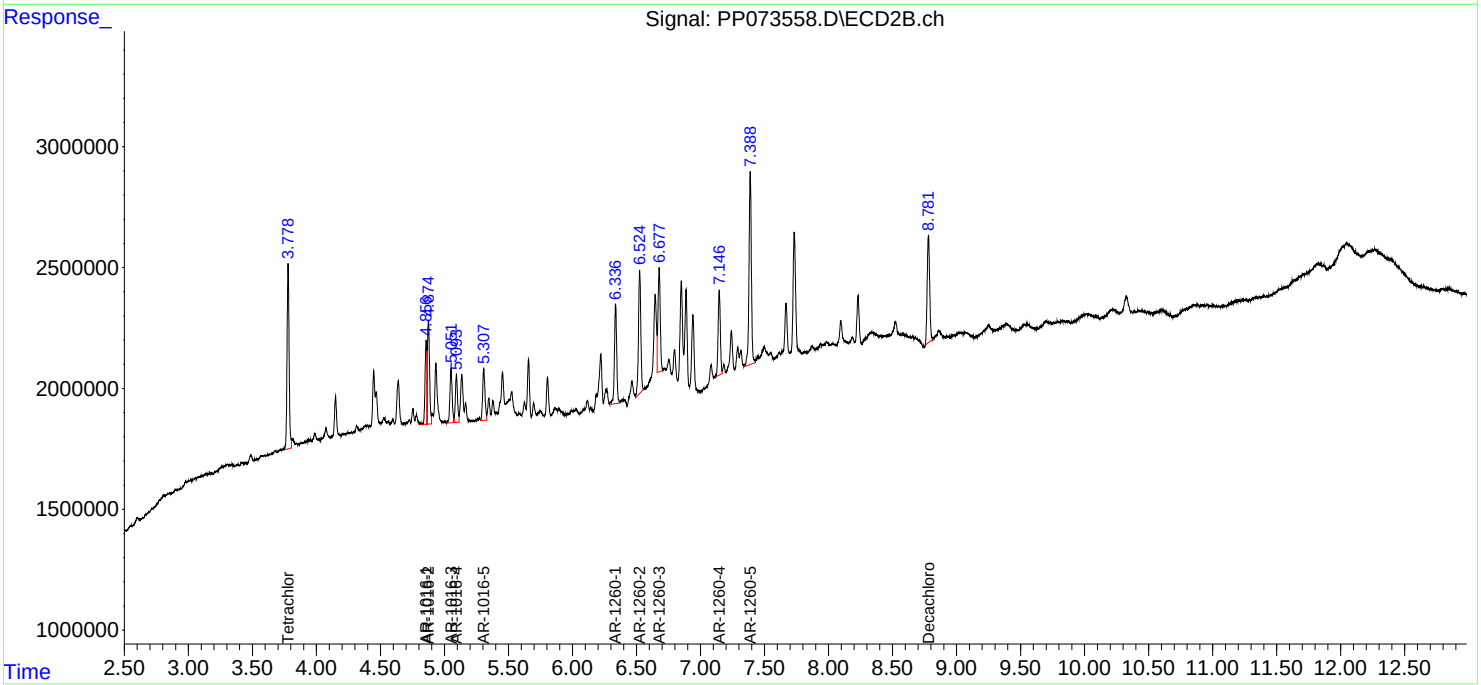
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:24
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 08 01:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:53:24 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	3.779	71300233	92532894	50.000	50.000
2)	SA Decachlor...	10.176	8.782	56752030	68180160	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.690	3.988	8933218	13522466	500.000	500.000
9)	L2 AR-1221-2	4.776	4.075	6752235	10180159	500.000	500.000
10)	L2 AR-1221-3	4.851	4.150	20802411	30724321	500.000	500.000

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

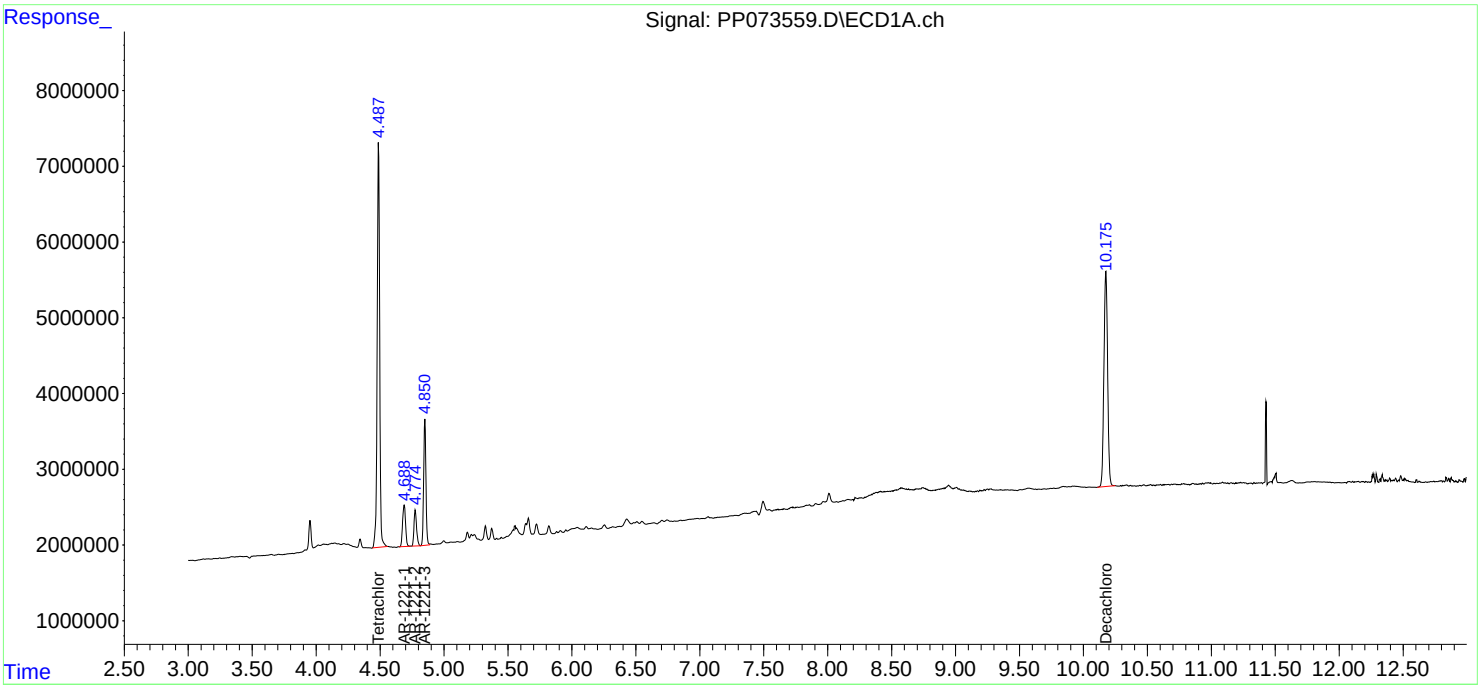
ICAL Form

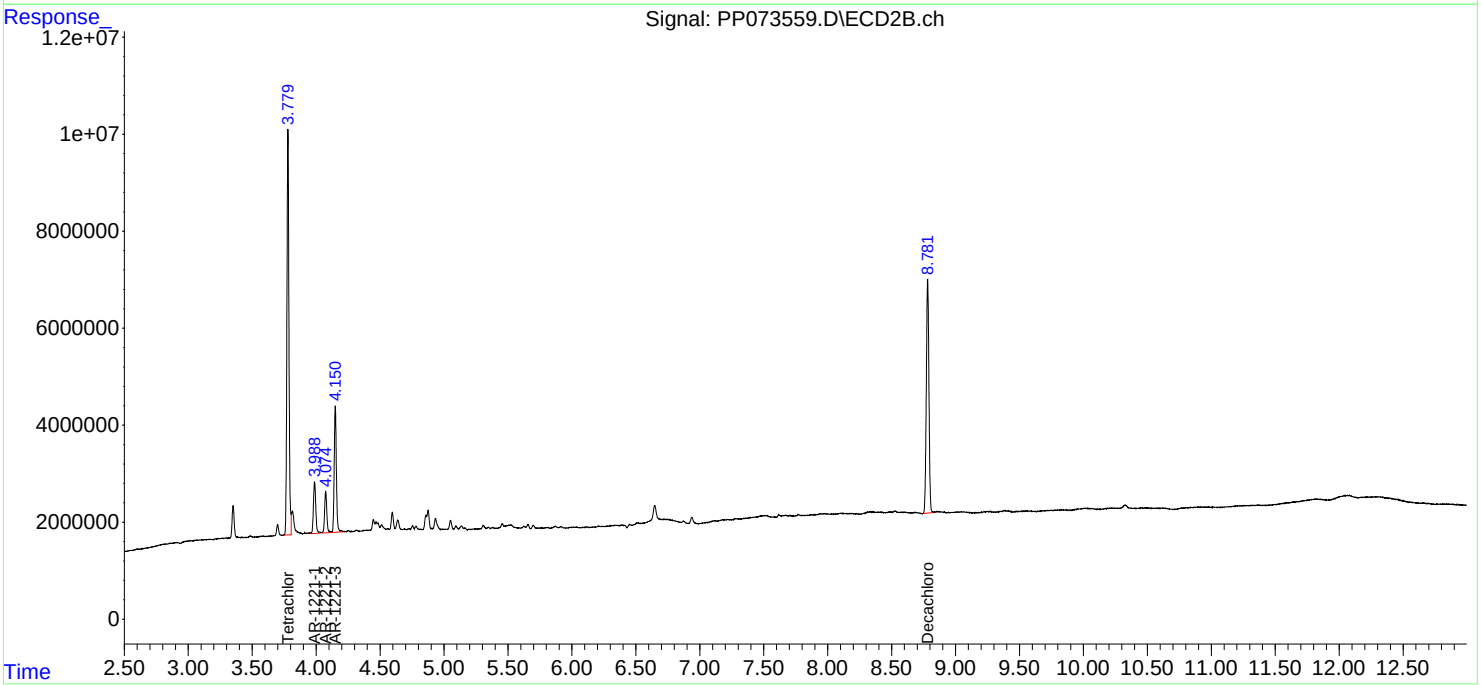
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:24
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:53:24 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:41
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 08 01:58:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:58:13 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	3.779	69747801	89329746	50.000	50.000
2)	SA Decachlor...	10.175	8.781	55031795	64481917	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.850	4.149	16325352	23307175	500.000	500.000
12)	L3 AR-1232-2	5.374	4.875	8127340	23829904	500.000	500.000
13)	L3 AR-1232-3	5.660	5.052	16496729	12514513	500.000	500.000
14)	L3 AR-1232-4	5.820	5.137	8222579	10828145	500.000	500.000
15)	L3 AR-1232-5	5.909	5.308	5285179	11281724	500.000	500.000

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

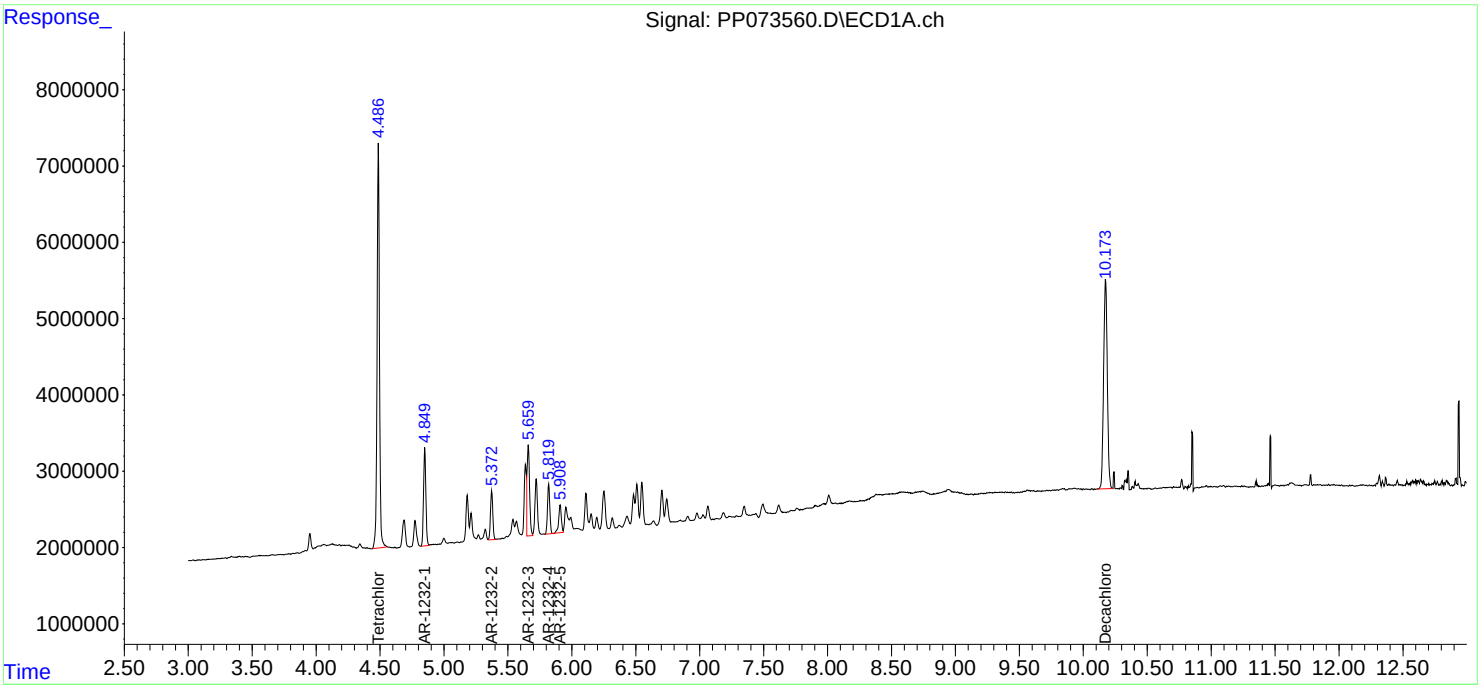
ICAL Form

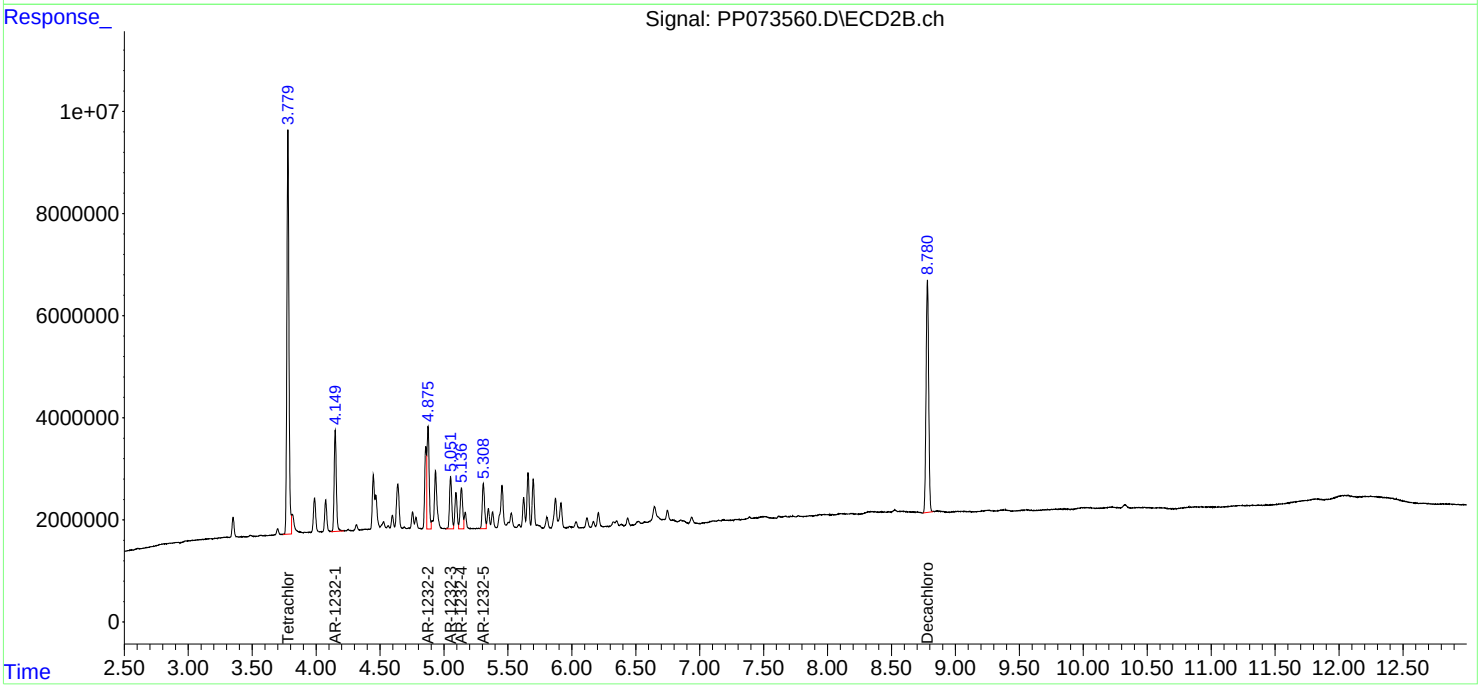
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:41
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:58:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:58:13 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:57
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 08 02:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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...	4.489	3.779	133.6E6	178.7E6	93.639	94.390
2)	SA Decachlor...	10.177	8.779	109.6E6	130.7E6	95.735	96.573
	Target Compounds						
16)	L4 AR-1242-1	5.639	4.857	37824570	53636877	927.891	888.918
17)	L4 AR-1242-2	5.661	4.874	59433539	81745742	941.383	919.241
18)	L4 AR-1242-3	5.723	5.051	35307728	43191003	927.513	907.757
19)	L4 AR-1242-4	5.820	5.135	29431539	40719317	927.311	902.527
20)	L4 AR-1242-5	6.549	5.656	31742412	53173633	951.704	931.769

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

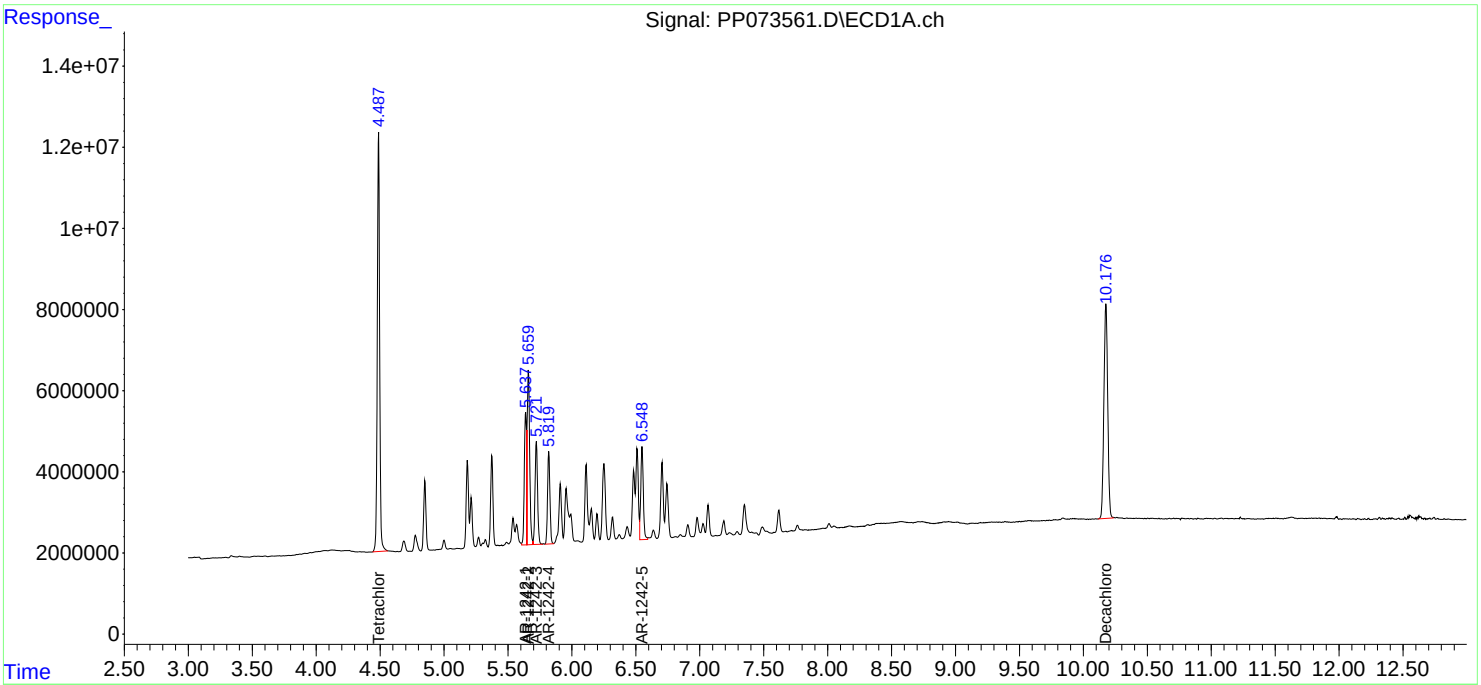
ICAL Form

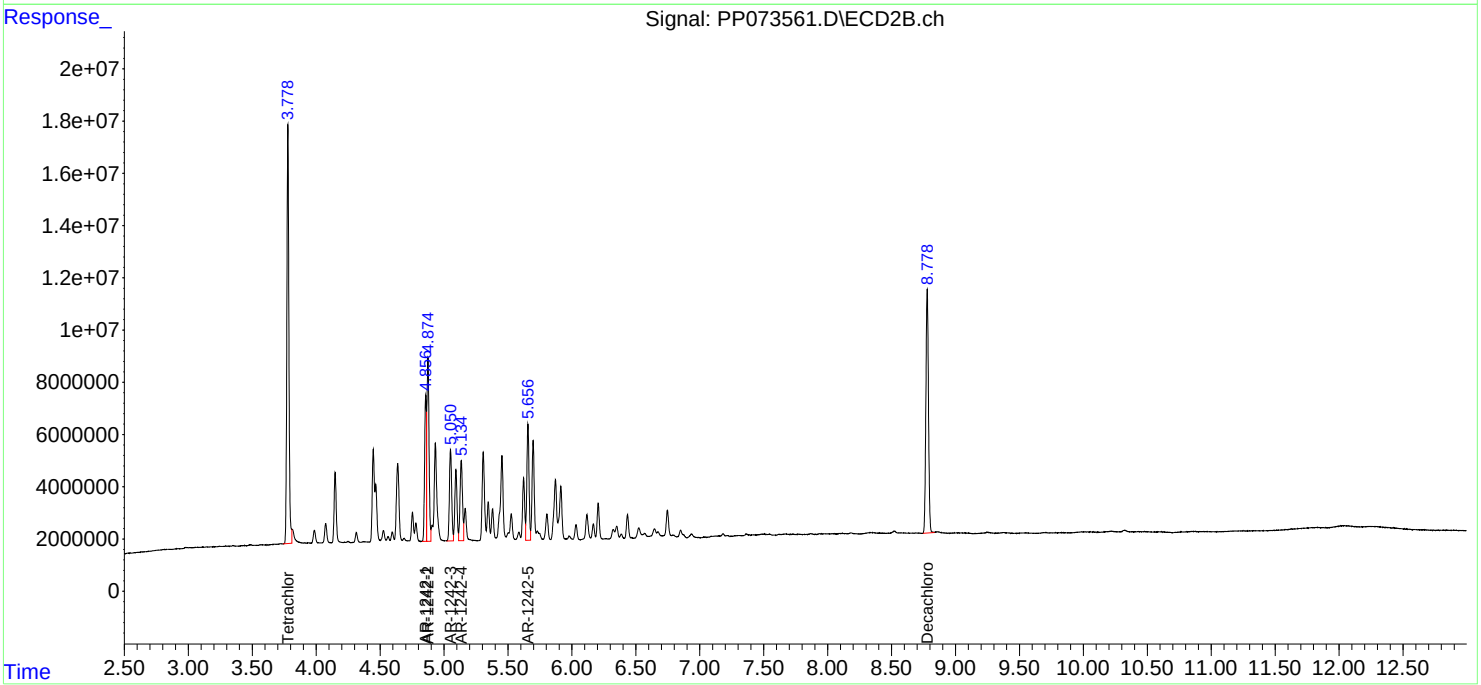
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:57
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:14
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 08 02:04:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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...	4.487	3.779	101.2E6	134.0E6	70.925	70.781
2)	SA Decachlor...	10.176	8.781	83819765	102.7E6	73.236	75.941
	Target Compounds						
16)	L4 AR-1242-1	5.637	4.858	28898659	42483367	708.926	704.072
17)	L4 AR-1242-2	5.660	4.875	44240913	61742767	700.743	694.305
18)	L4 AR-1242-3	5.721	5.051	26874126	33146056	705.967	696.639
19)	L4 AR-1242-4	5.819	5.135	22658657	31400295	713.915	695.975
20)	L4 AR-1242-5	6.548	5.657	23721271	40207089	711.214	704.555

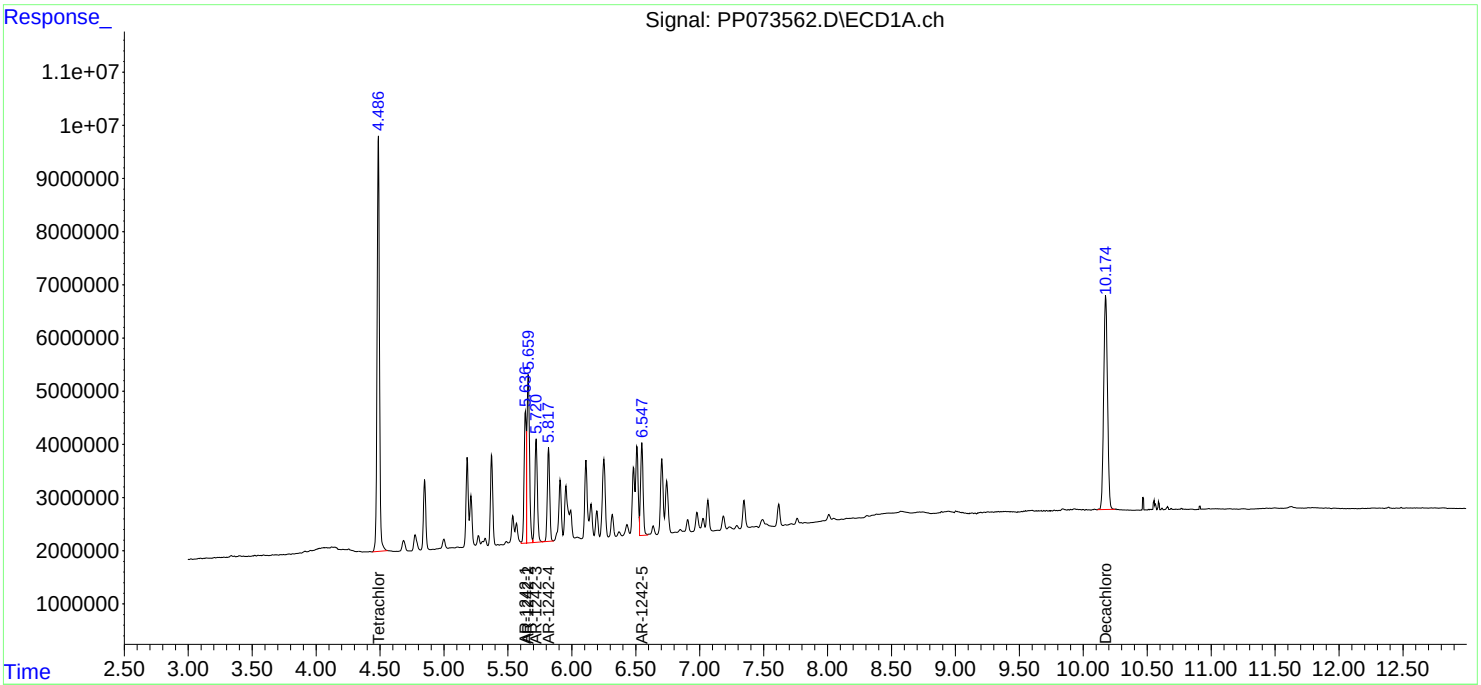
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

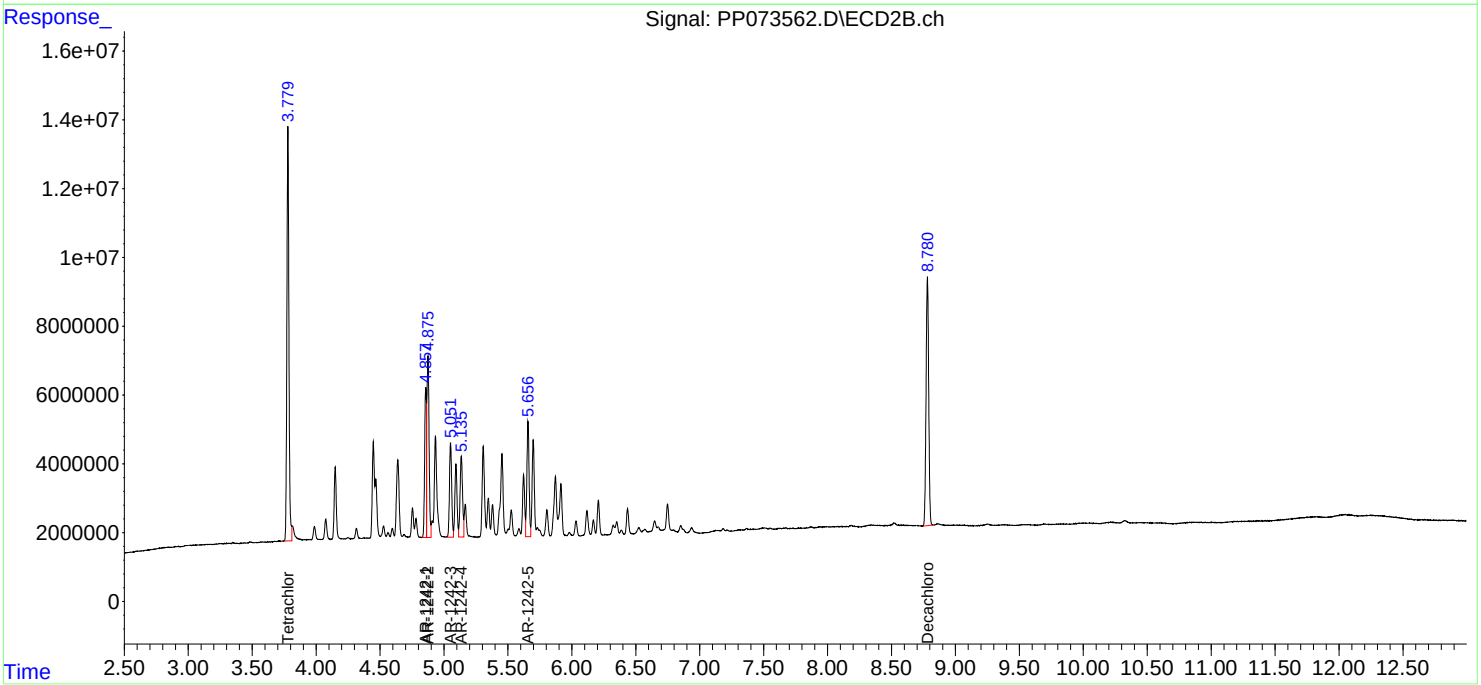
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:14
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:04:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:30
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 08 02:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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...	4.485	3.779	71360618	94672779	50.000	50.000
2)	SA Decachlor...	10.173	8.781	57225953	67650592	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.636	4.858	20382014	30169740	500.000	500.000
17)	L4 AR-1242-2	5.658	4.875	31567127	44463701	500.000	500.000
18)	L4 AR-1242-3	5.720	5.052	19033543	23789965	500.000	500.000
19)	L4 AR-1242-4	5.817	5.136	15869296	22558507	500.000	500.000
20)	L4 AR-1242-5	6.546	5.657	16676614	28533697	500.000	500.000

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

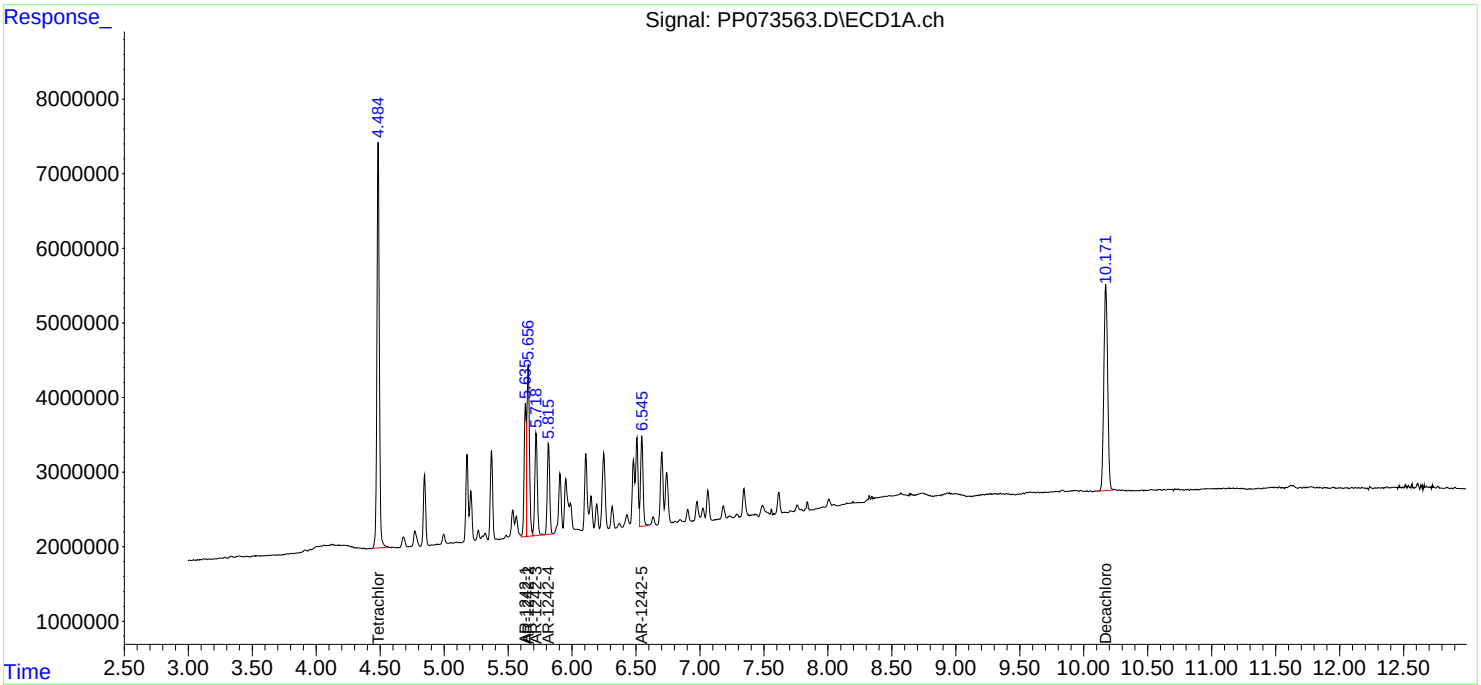
ICAL Form

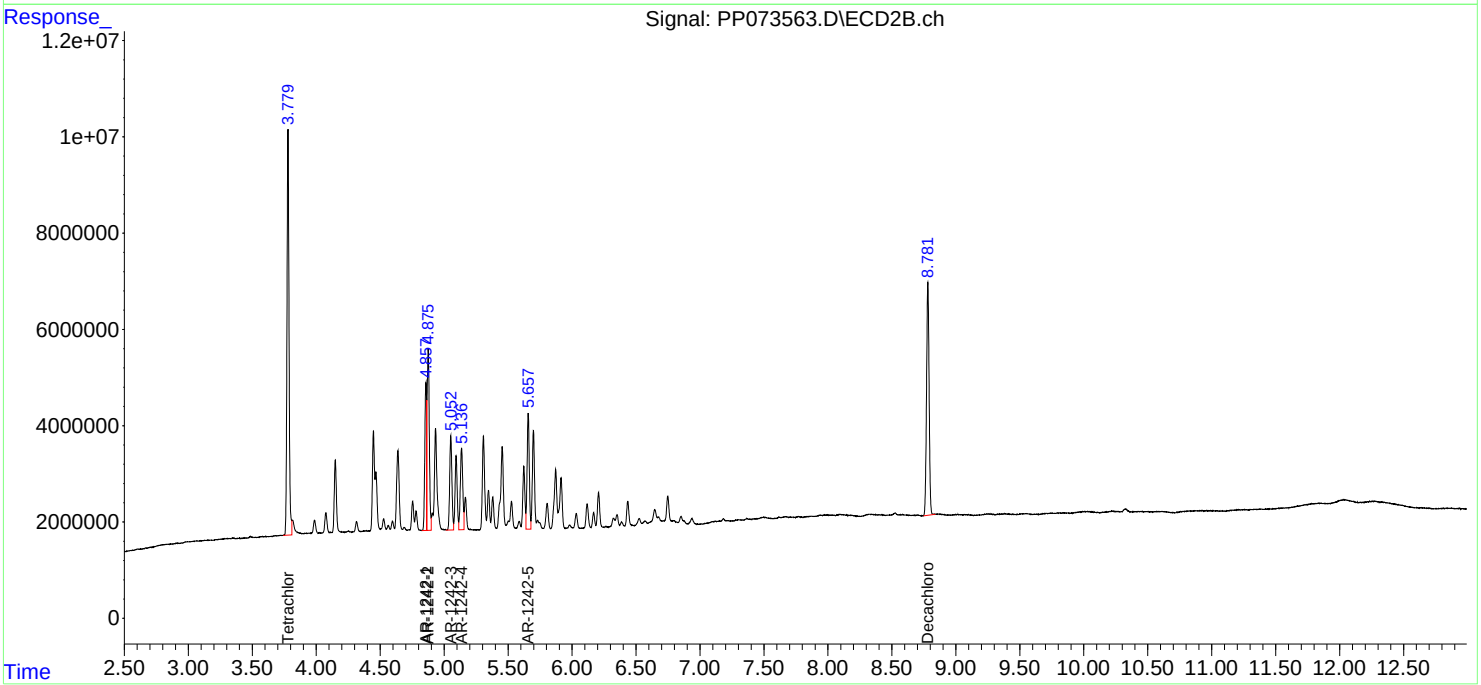
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:30
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:46
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 08 02:05:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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...	4.488	3.779	35973232	49943783	25.205	26.377
2)	SA Decachlor...	10.176	8.781	28867365	35186918	25.222	26.006
	Target Compounds						
16)	L4 AR-1242-1	5.638	4.857	10586937	15530210	259.713	257.381
17)	L4 AR-1242-2	5.660	4.875	16251959	22939126	257.419	257.953
18)	L4 AR-1242-3	5.722	5.051	9827935	12210872	258.174	256.639
19)	L4 AR-1242-4	5.819	5.135	8068875	11715170	254.229	259.662
20)	L4 AR-1242-5	6.550	5.656	8772262	14646179	263.011	256.647

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

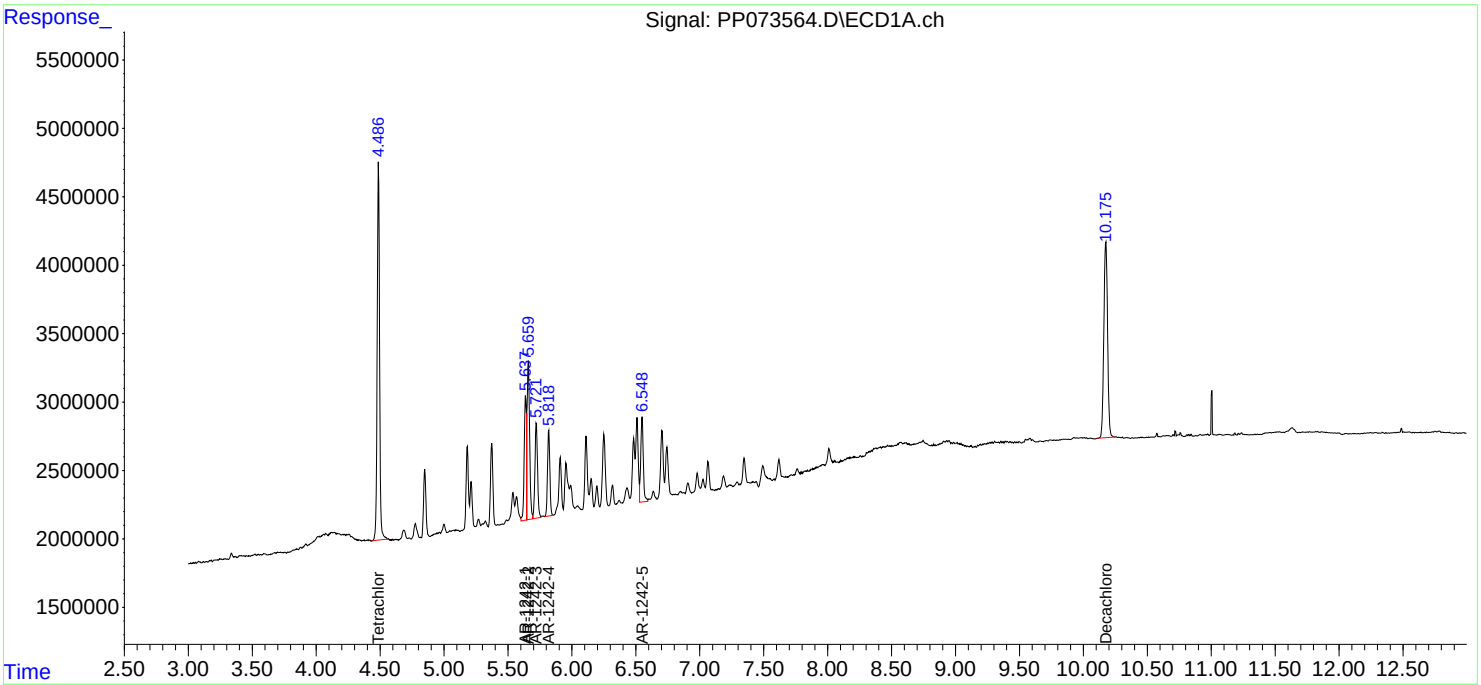
ICAL Form

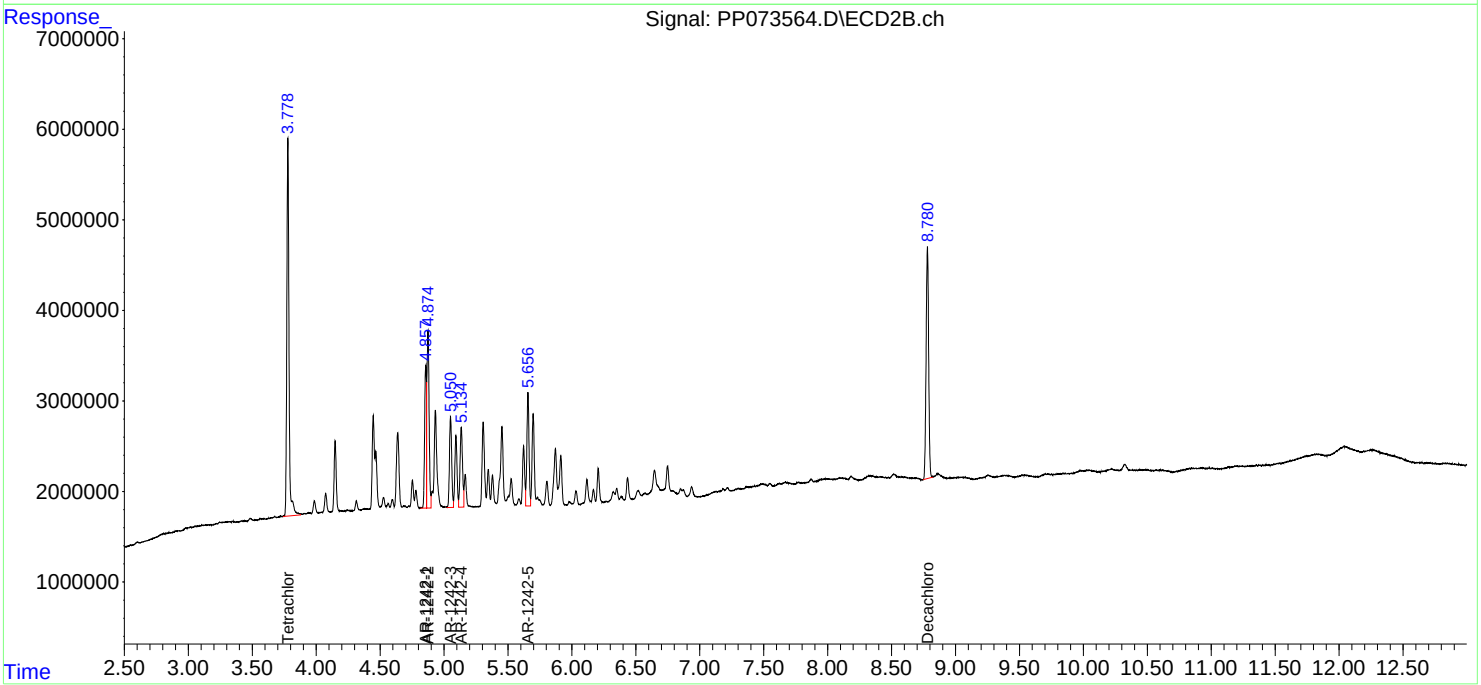
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:46
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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...	4.487	3.779	6312847	8330986	4.423	4.400
2)	SA Decachlor...	10.173	8.780	4963140	5974096	4.336	4.415
	Target Compounds						
16)	L4 AR-1242-1	5.636	4.857	1573661	2804106	38.604m	46.472
17)	L4 AR-1242-2	5.657	4.875	2642334	4375880	41.853m	49.207
18)	L4 AR-1242-3	5.720	5.052	1729292	2296207	45.427m	48.260
19)	L4 AR-1242-4	5.818	5.136	1851147	2337623	58.325	51.812
20)	L4 AR-1242-5	6.546	5.657	1593566	2688857	47.778m	47.117

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

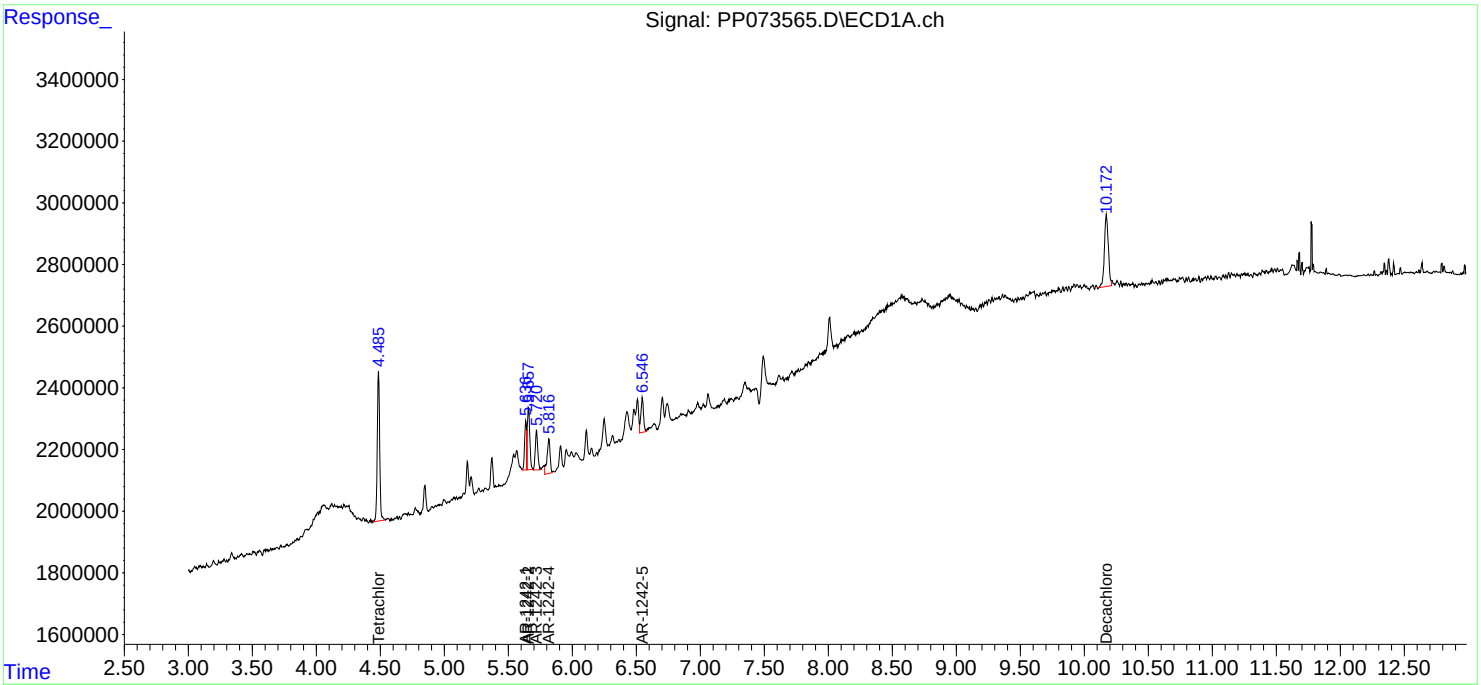
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

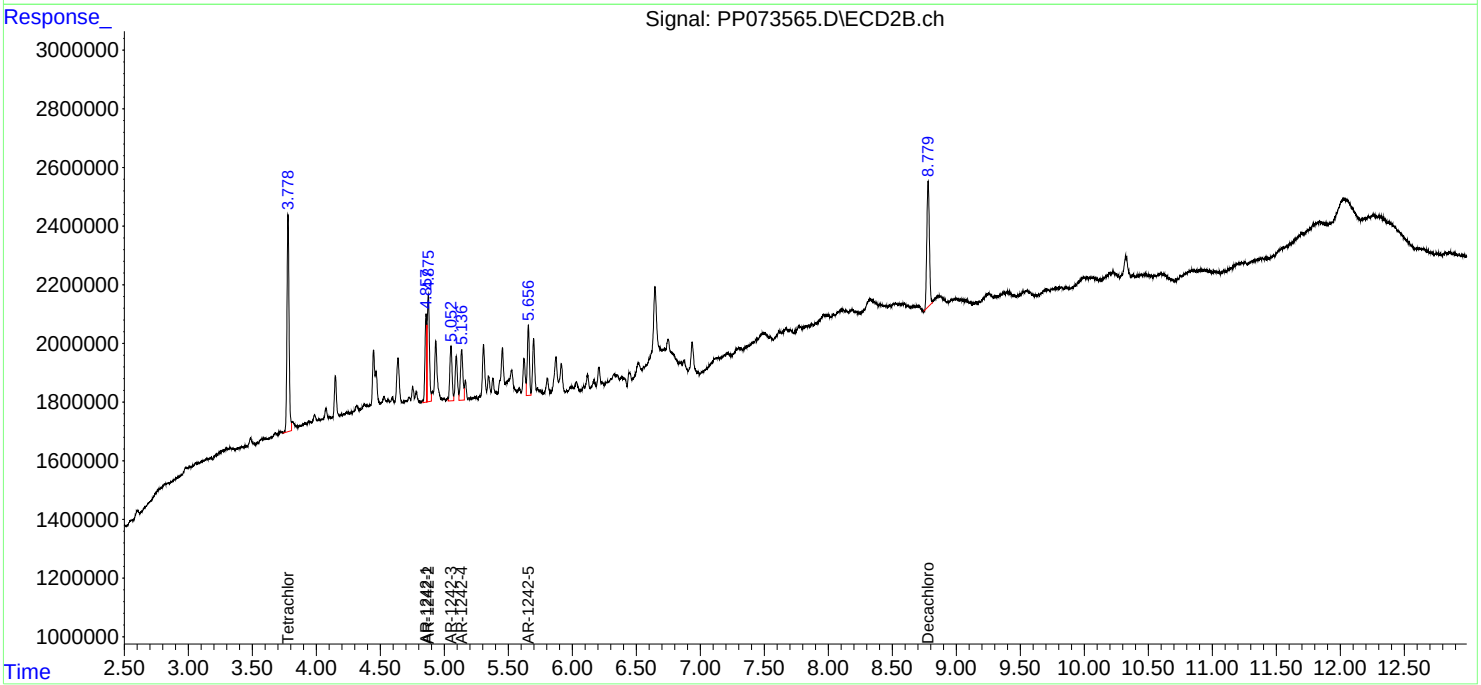
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:19
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 08 02:20:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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...	4.488	3.779	132.2E6	185.5E6	93.396	97.125
2)	SA Decachlor...	10.176	8.781	109.8E6	129.8E6	95.885	95.444
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.857	29290065	41993150	931.027	929.349
22)	L5 AR-1248-2	5.910	5.093	37625323	55737799	928.212	900.609
23)	L5 AR-1248-3	6.112	5.136	43927993	58429721	953.396	907.187
24)	L5 AR-1248-4	6.510	5.307	53376796	68661033	934.019	911.732
25)	L5 AR-1248-5	6.549	5.698	51803368	69725277	929.059	912.356

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

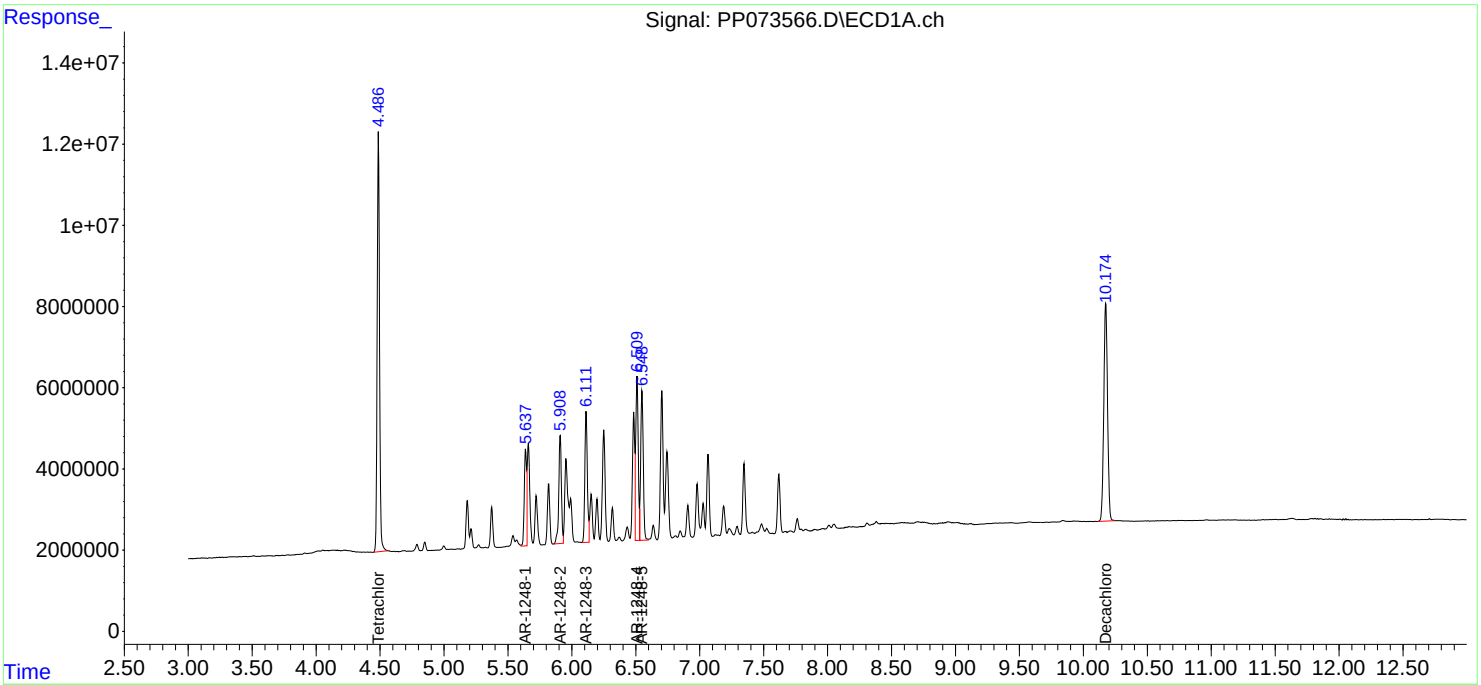
ICAL Form

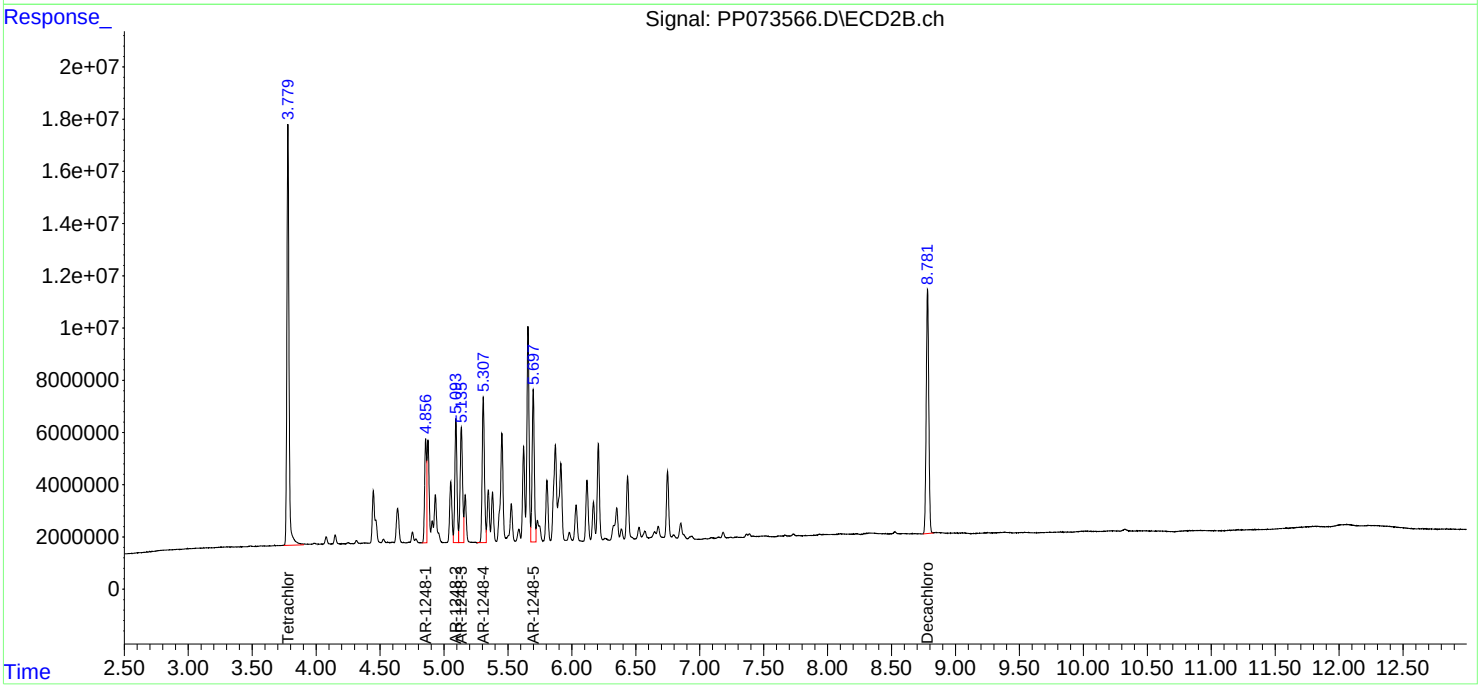
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:20:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : AR1248ICCC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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...	4.489	3.779	102.8E6	139.9E6	72.663	73.239
2)	SA Decachlor...	10.178	8.781	84981366	104.5E6	74.210	76.789
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.858	22755547	32692852	723.318	723.525
22)	L5 AR-1248-2	5.911	5.094	29802657	43939758	735.228	709.977
23)	L5 AR-1248-3	6.113	5.135	34385217	45992259	746.283	714.081
24)	L5 AR-1248-4	6.511	5.307	41943849	54019844	733.958	717.315
25)	L5 AR-1248-5	6.551	5.698	40278207	54907819	722.363	718.469

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

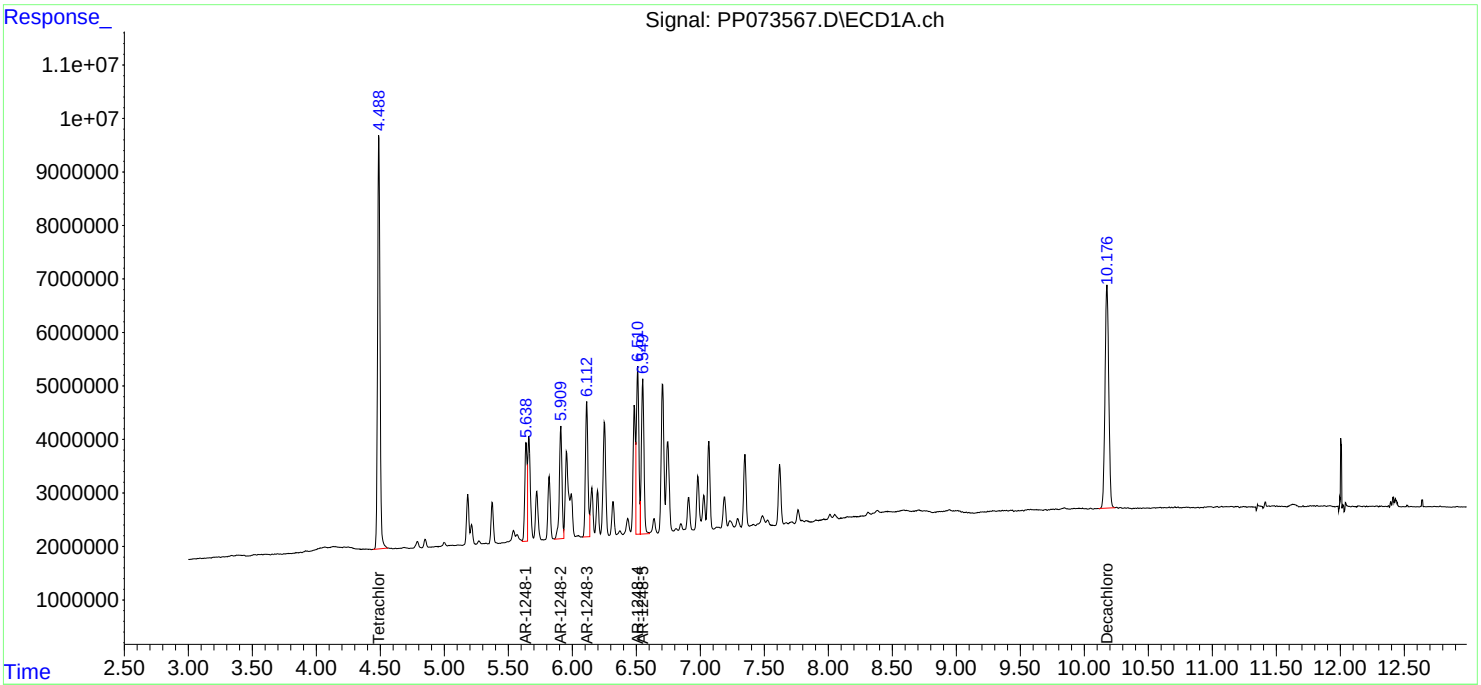
ICAL Form

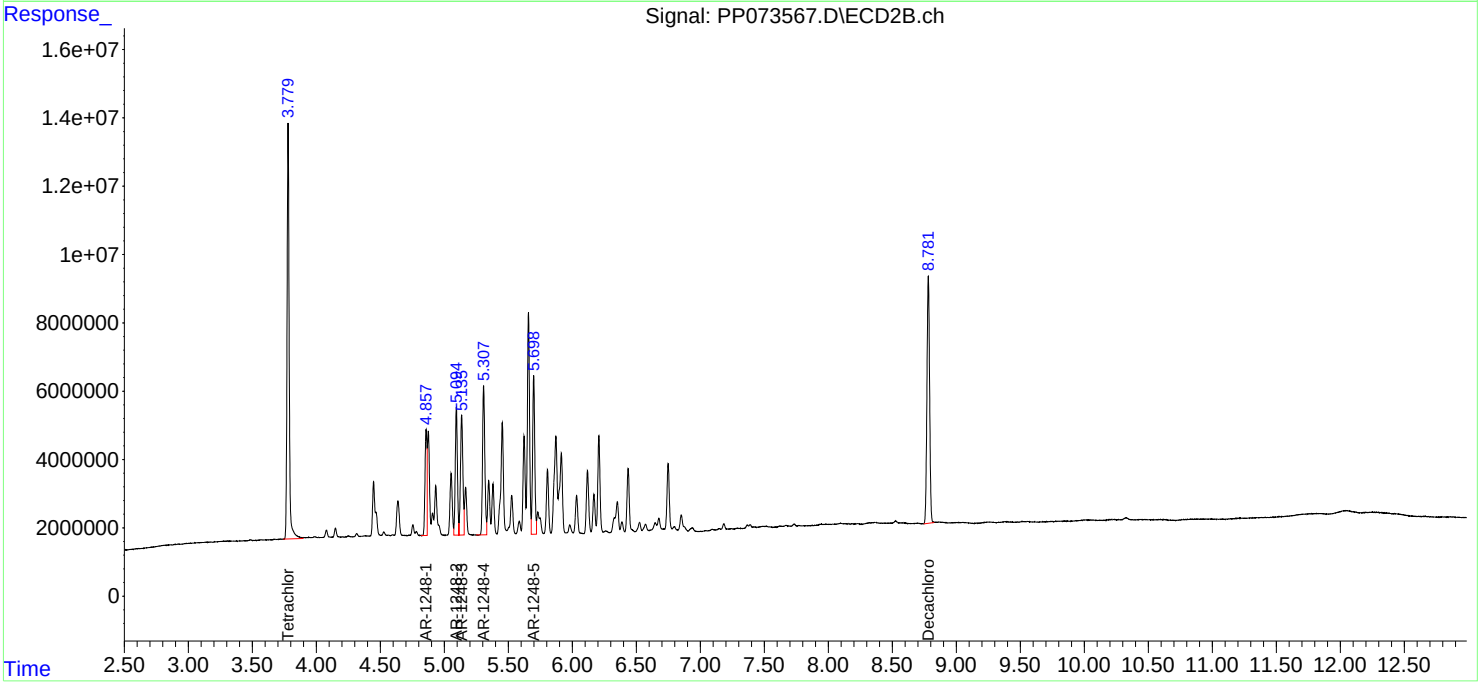
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : AR1248ICCC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:52
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 08 02:21:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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...	4.486	3.779	70771652	95520830	50.000	50.000
2)	SA Decachlor...	10.174	8.781	57257196	68017781	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.637	4.857	15729968	22592772	500.000	500.000
22)	L5 AR-1248-2	5.907	5.094	20267627	30944510	500.000	500.000
23)	L5 AR-1248-3	6.110	5.136	23037645	32203795	500.000	500.000
24)	L5 AR-1248-4	6.509	5.307	28573723	37654186	500.000	500.000
25)	L5 AR-1248-5	6.547	5.698	27879471	38211657	500.000	500.000

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

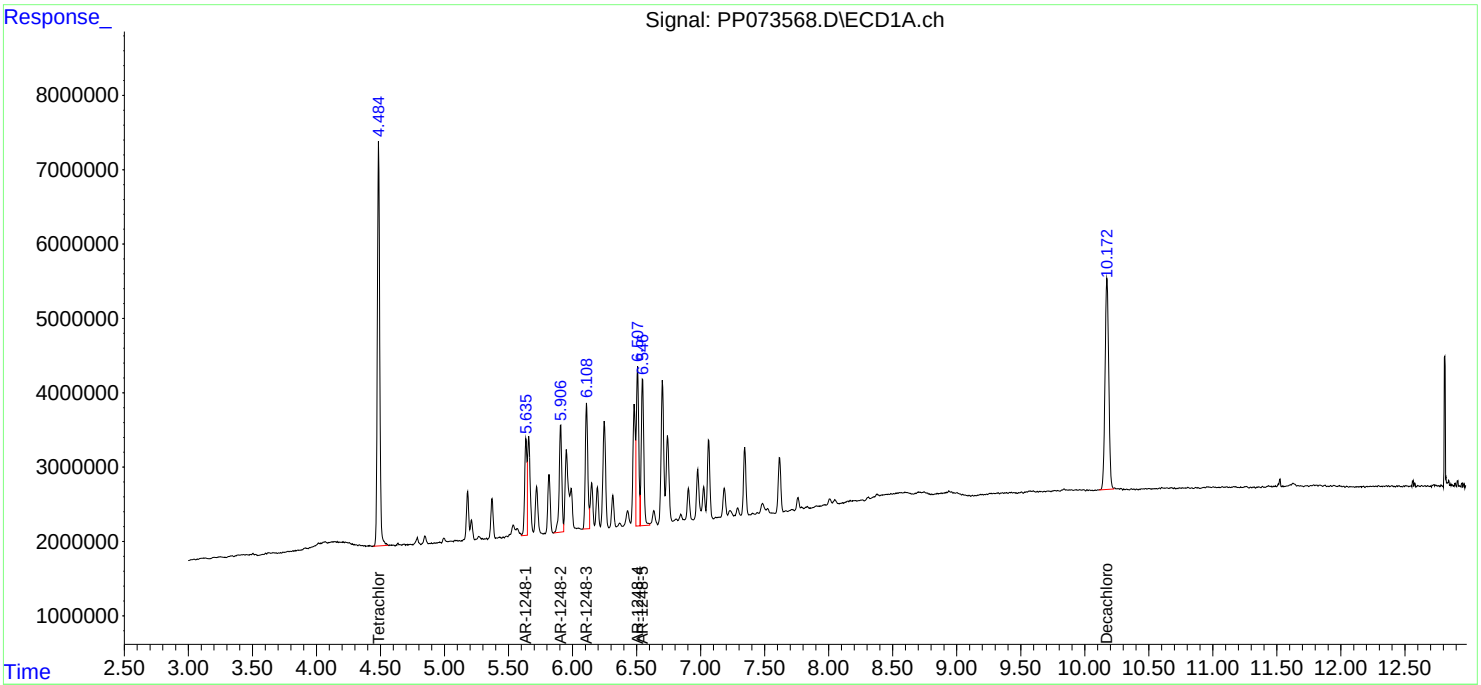
ICAL Form

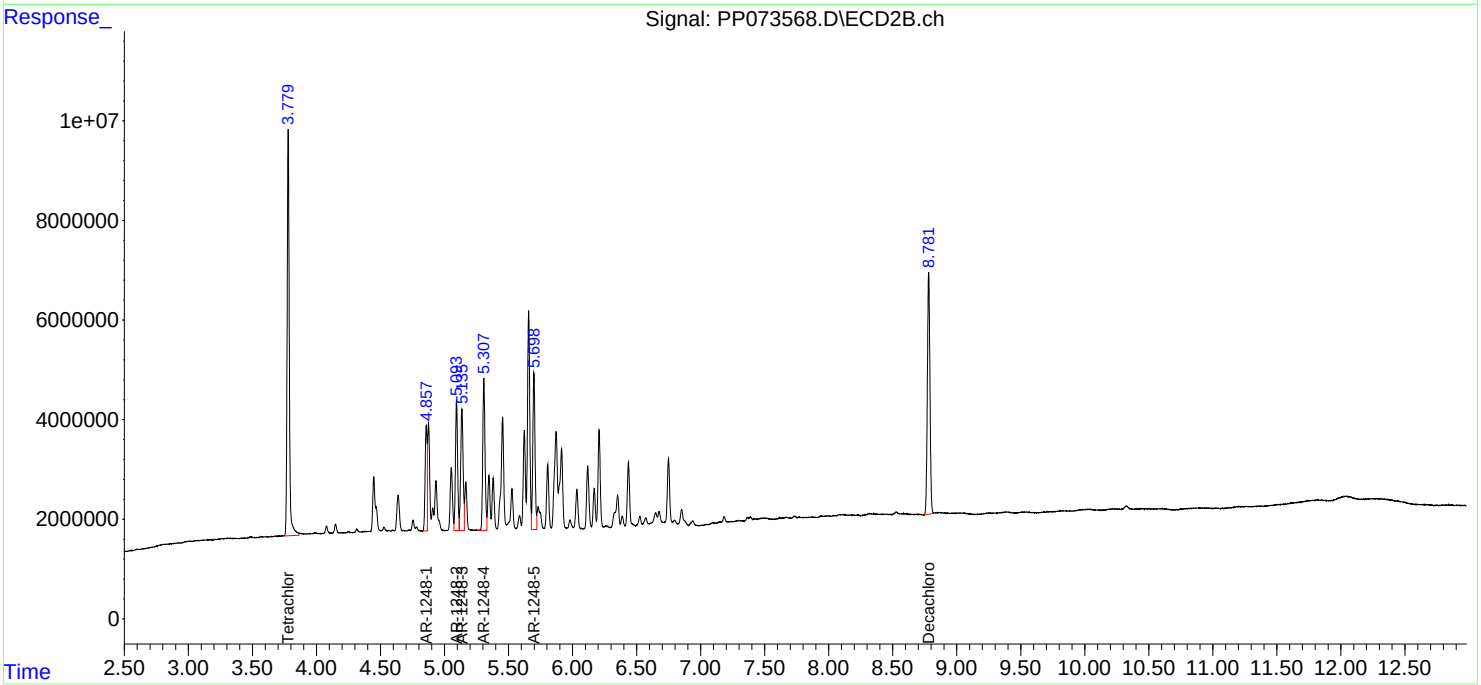
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:52
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:08
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 08 02:22:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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...	4.490	3.779	36421864	49176634	25.732	25.741
2)	SA Decachlor...	10.178	8.780	29322870	36021021	25.606	26.479
	Target Compounds						
21)	L5 AR-1248-1	5.640	4.857	8580276	12460998	272.737	275.774
22)	L5 AR-1248-2	5.912	5.093	11018738	16676734	271.831	269.462
23)	L5 AR-1248-3	6.114	5.136	12142276	17367378	263.531	269.648
24)	L5 AR-1248-4	6.513	5.307	14943654	20433630	261.493	271.333
25)	L5 AR-1248-5	6.552	5.698	14485646	20424181	259.791	267.251

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

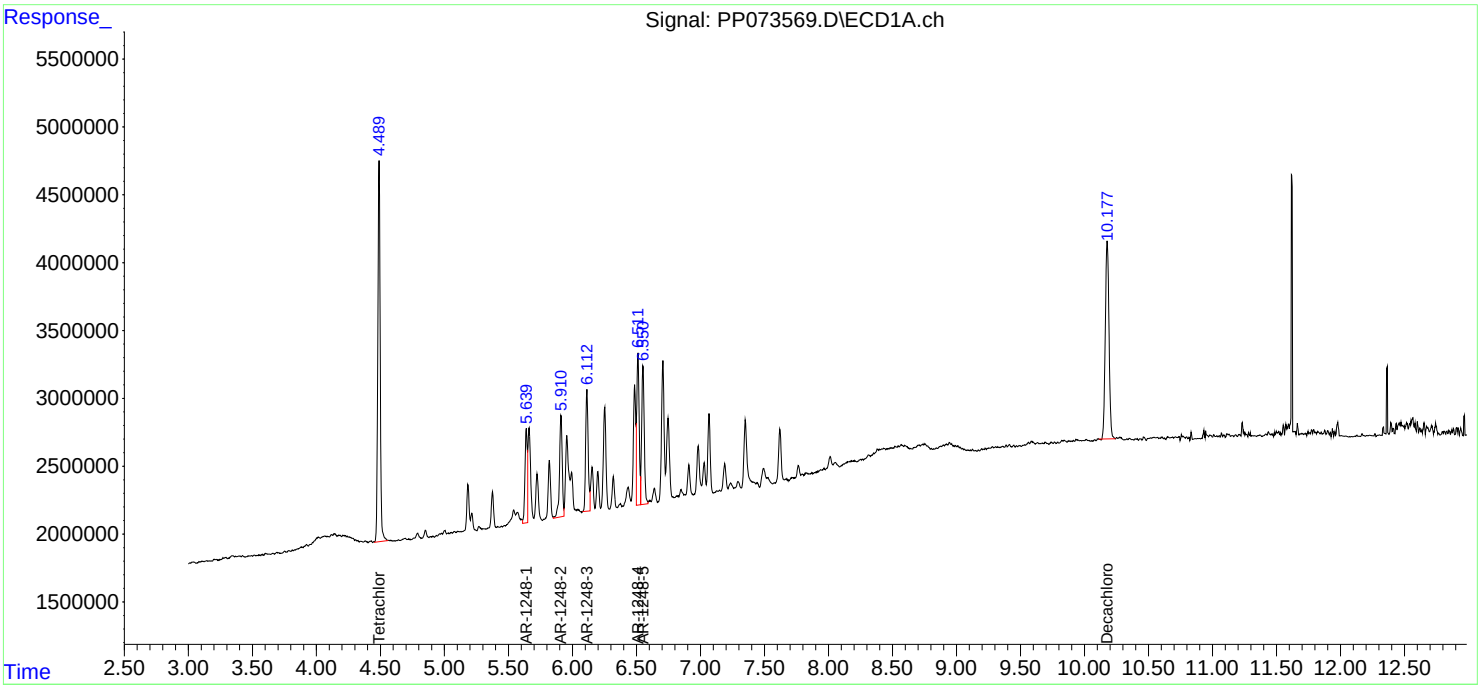
ICAL Form

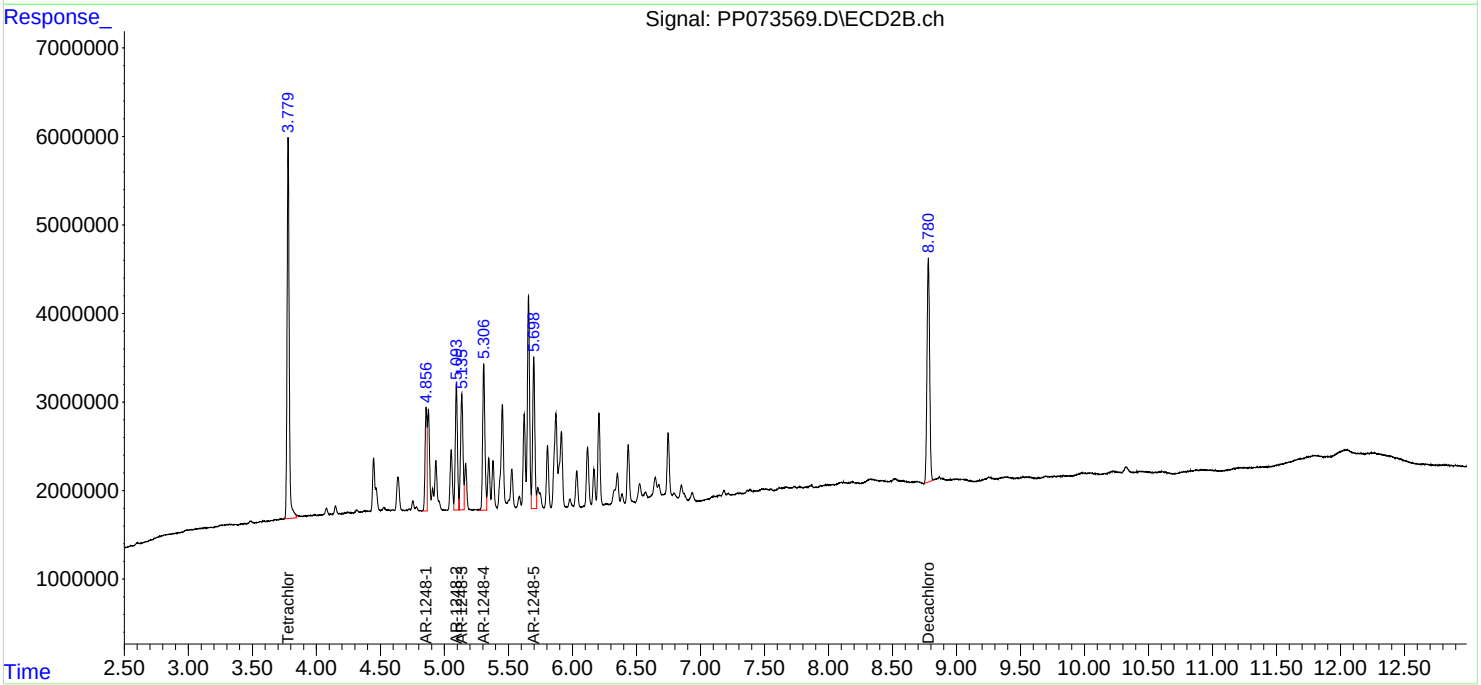
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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...	4.485	3.779	6203851	8373290	4.383	4.383
2)	SA Decachlor...	10.173	8.780	4448332	5794229	3.885	4.259
	Target Compounds						
21)	L5 AR-1248-1	5.634	4.857	1447041	2193065	45.996m	48.535
22)	L5 AR-1248-2	5.906	5.093	1882218	3238127	46.434	52.322
23)	L5 AR-1248-3	6.108	5.135	1881440	3334641	40.834	51.774 #
24)	L5 AR-1248-4	6.506	5.307	2458929	3957834	43.028m	52.555
25)	L5 AR-1248-5	6.545	5.698	2487202	3594939	44.606m	47.040

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

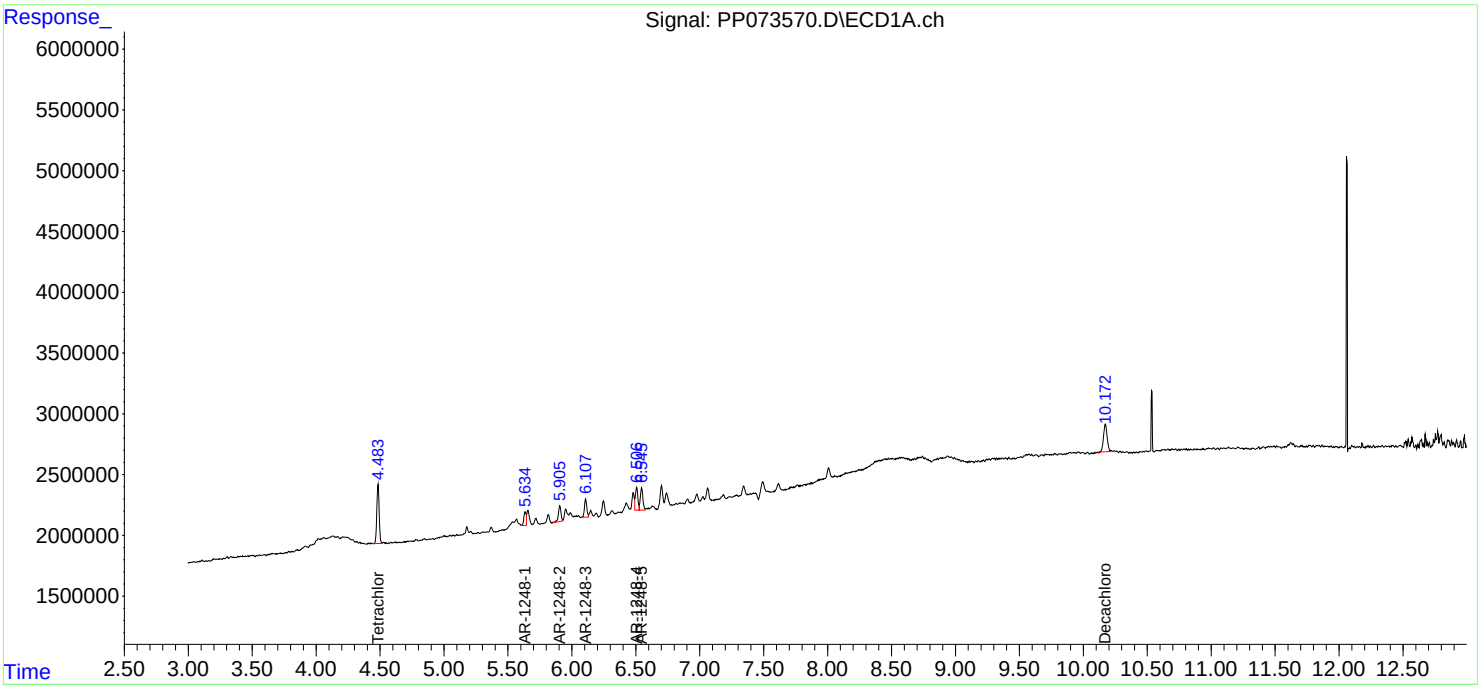
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

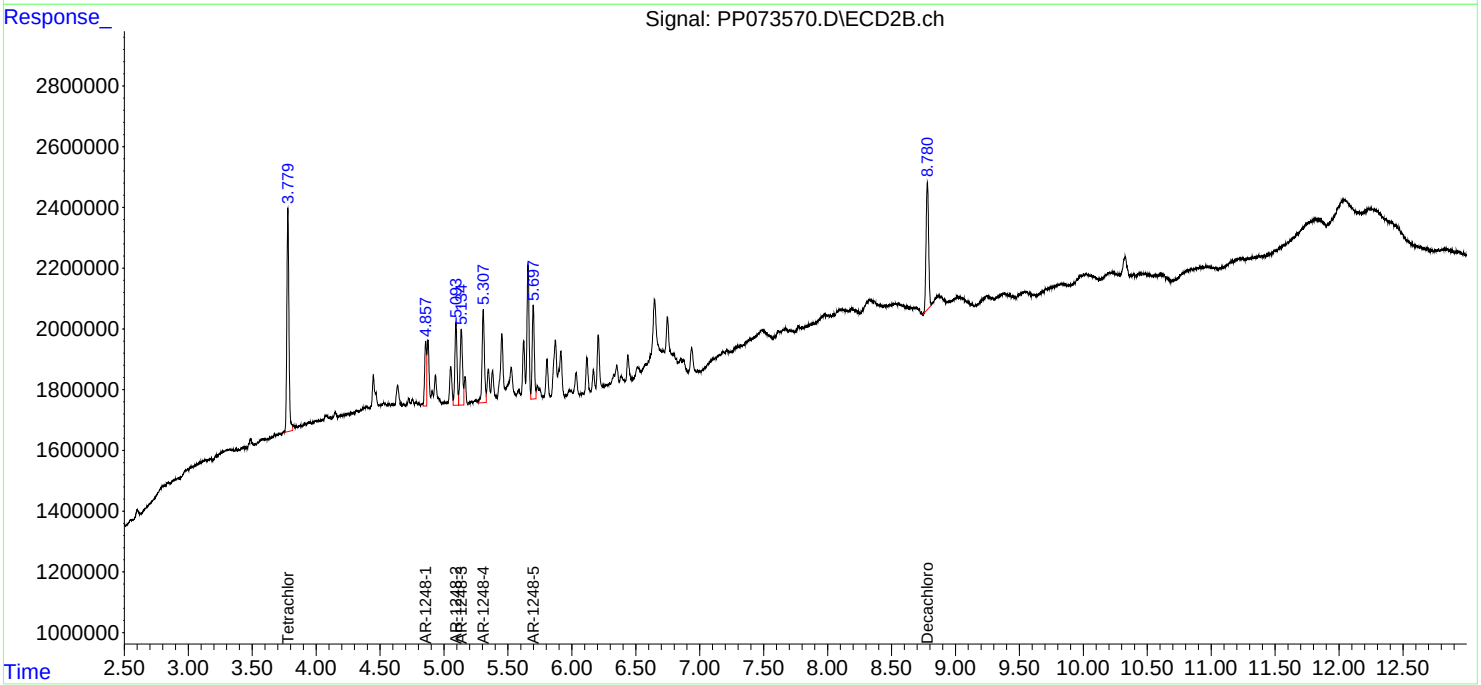
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:41
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 08 02:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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	3.780	135.2E6	181.0E6	96.465	95.662
2)	SA Decachlor...	10.177	8.782	110.7E6	134.8E6	96.695	98.240
	Target Compounds						
26)	L6 AR-1254-1	6.487	5.658	50900598	105.4E6	921.959	938.043
27)	L6 AR-1254-2	6.703	5.806	77237012	90612135	935.764	943.093
28)	L6 AR-1254-3	7.066	6.207	83677544	142.5E6	945.590	936.990
29)	L6 AR-1254-4	7.348	6.436	74438148	86996505	935.246	922.052
30)	L6 AR-1254-5	7.764	6.851	71888659	123.6E6	963.395	945.380

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

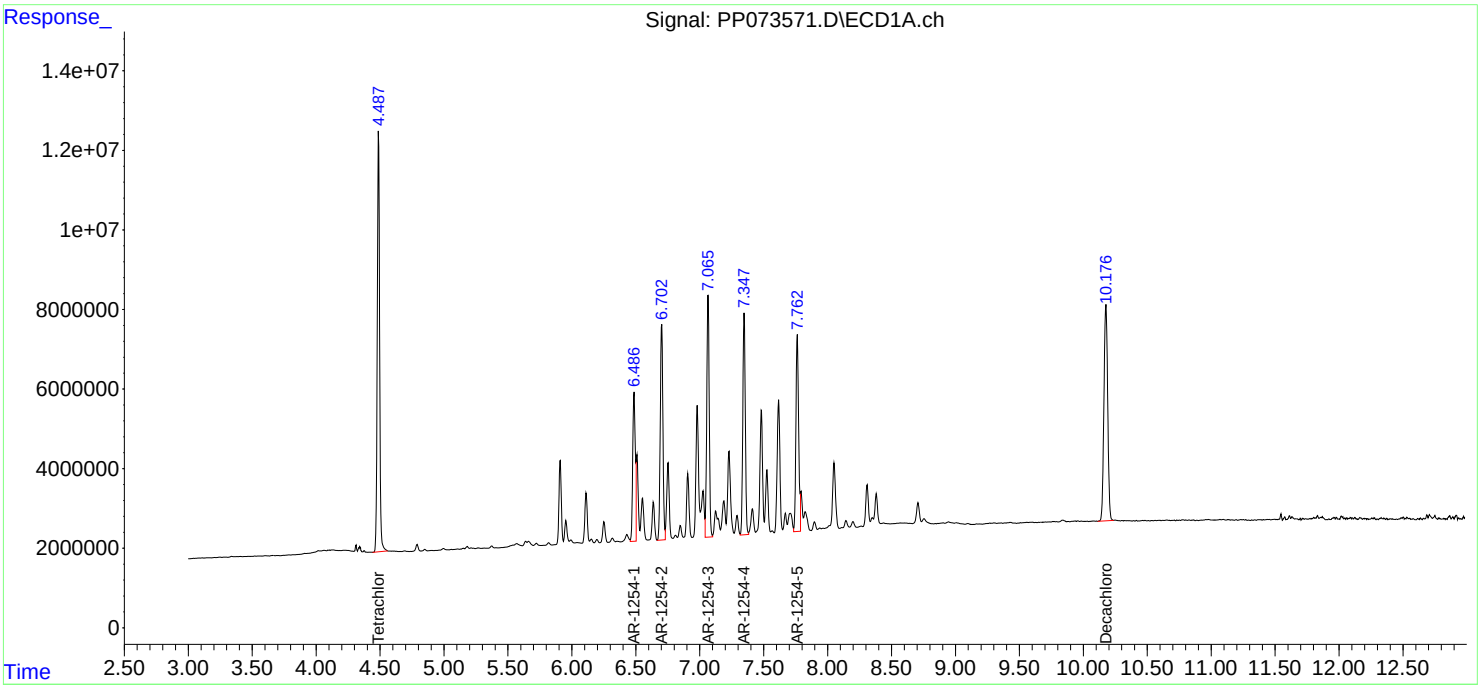
ICAL Form

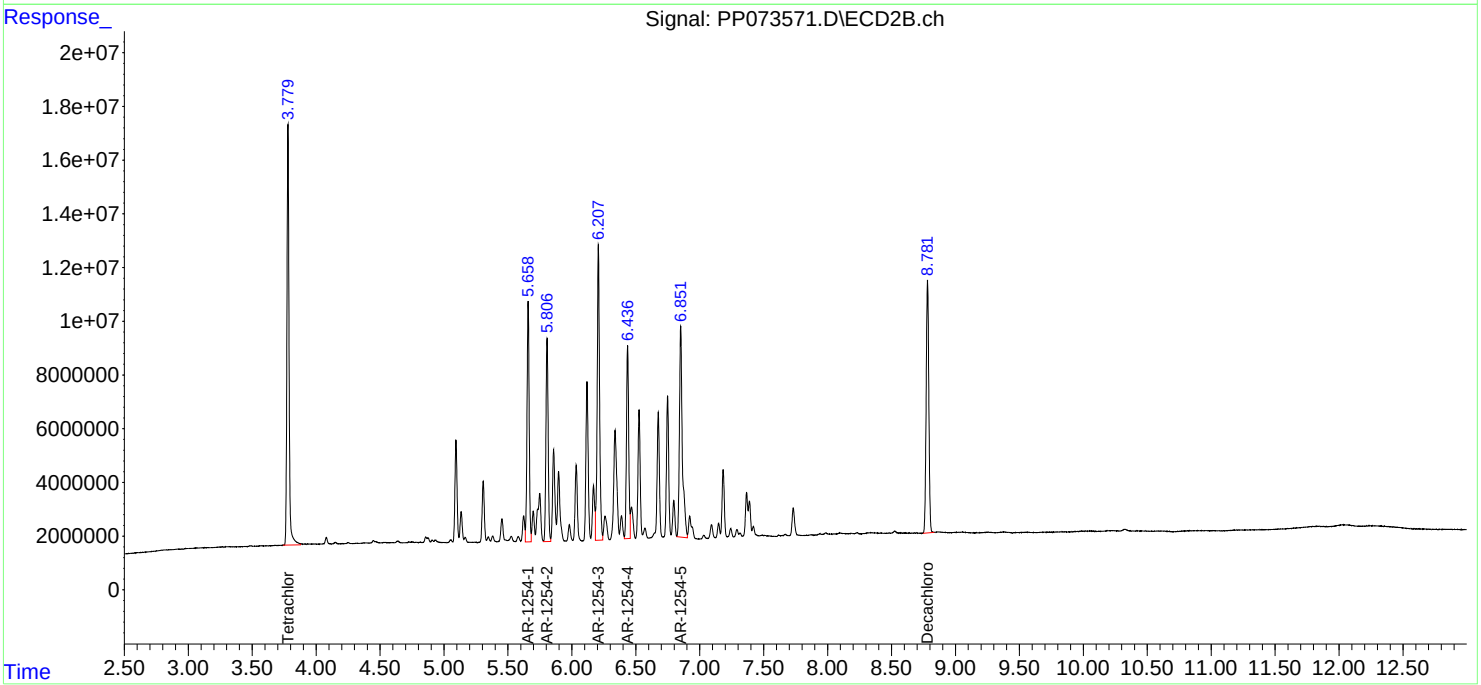
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:41
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:57
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 08 02:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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	3.779	104.7E6	146.2E6	74.706	77.291
2)	SA Decachlor...	10.175	8.780	84962440	104.9E6	74.184	76.426
	Target Compounds						
26)	L6 AR-1254-1	6.486	5.657	39869819	83773101	722.159	745.818
27)	L6 AR-1254-2	6.702	5.805	60389680	72154275	731.651	750.983
28)	L6 AR-1254-3	7.066	6.207	64508177	114.2E6	728.969	750.593
29)	L6 AR-1254-4	7.348	6.435	57167227	70426326	718.253	746.429
30)	L6 AR-1254-5	7.764	6.851	55929557	98283712	749.524	751.764

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

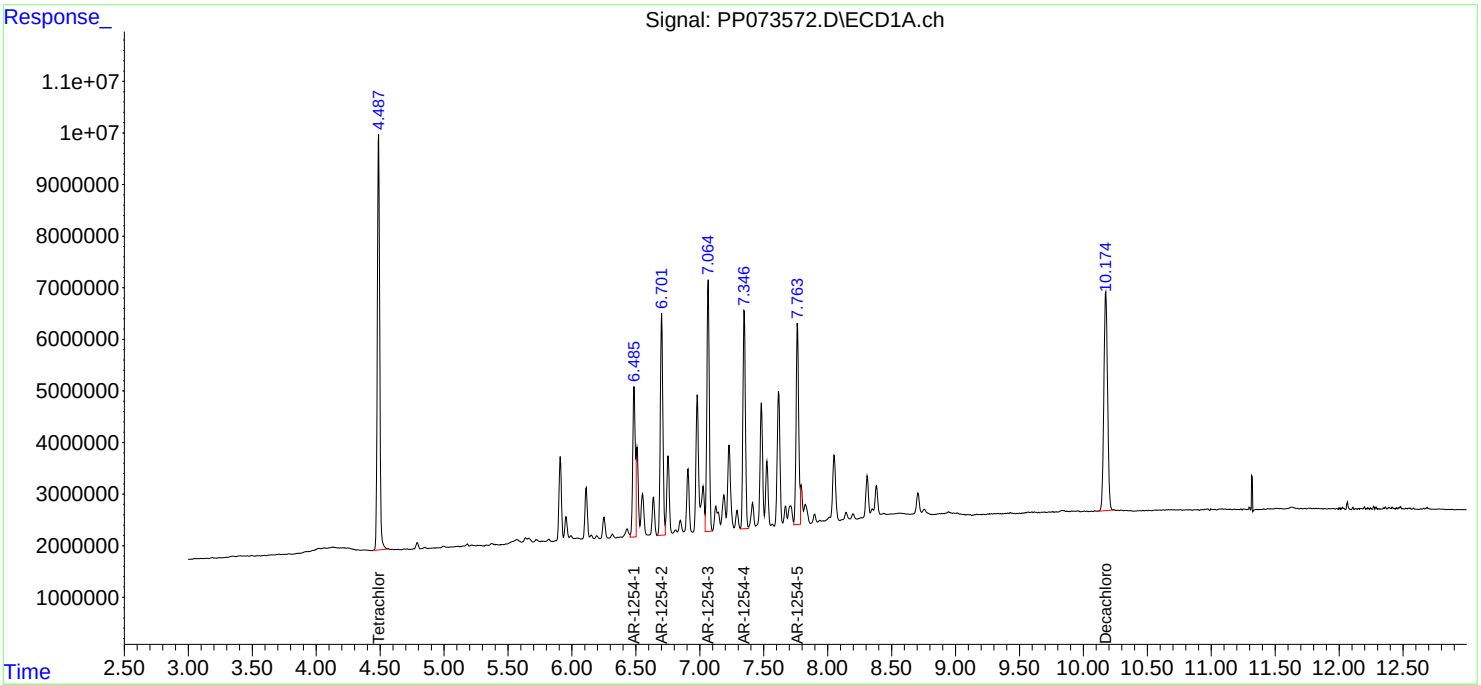
ICAL Form

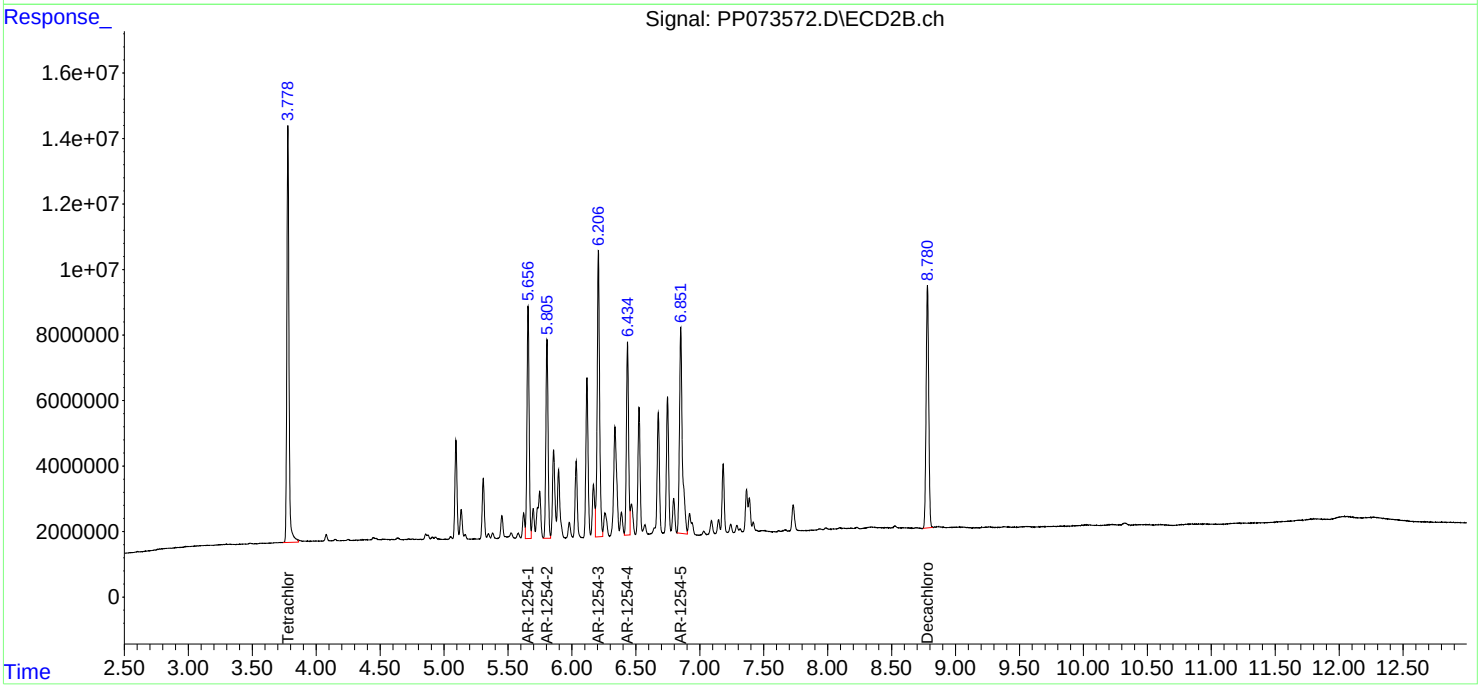
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:57
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:14
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 08 02:44:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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	3.780	70057774	94600770	50.000	50.000
2)	SA Decachlor...	10.174	8.781	57264429	68616932	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.485	5.658	27604602	56161903	500.000	500.000
27)	L6 AR-1254-2	6.701	5.807	41269473	48039880	500.000	500.000
28)	L6 AR-1254-3	7.064	6.209	44246186	76049574	500.000	500.000
29)	L6 AR-1254-4	7.346	6.436	39796020	47175510	500.000	500.000
30)	L6 AR-1254-5	7.762	6.853	37310051	65368722	500.000	500.000

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

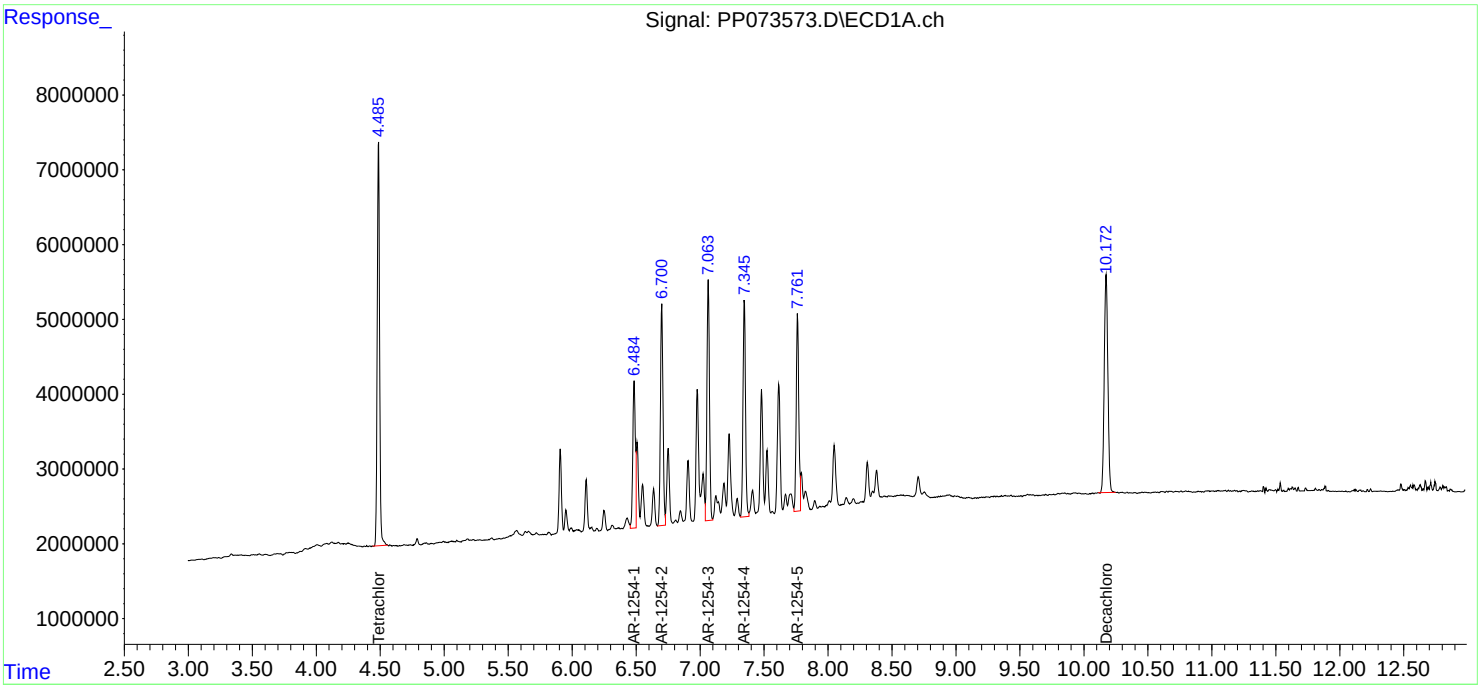
ICAL Form

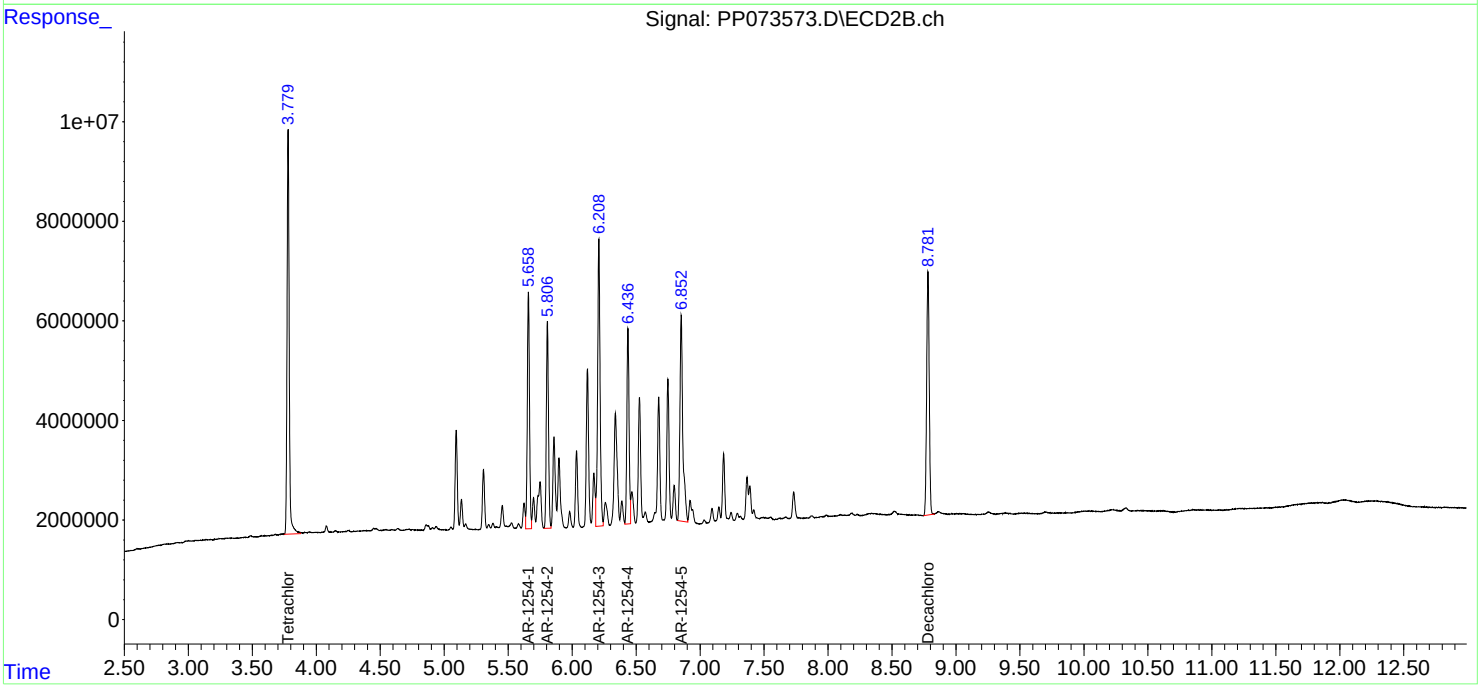
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:14
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:30
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 08 02:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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	3.779	36639041	48313312	26.149	25.535
2)	SA Decachlor...	10.176	8.780	28626907	37692438	24.995	27.466
	Target Compounds						
26)	L6 AR-1254-1	6.484	5.657	14279096	30427905	258.636	270.895
27)	L6 AR-1254-2	6.701	5.805	21587177	26282271	261.539	273.546
28)	L6 AR-1254-3	7.064	6.207	23018010	40529659	260.113	266.469
29)	L6 AR-1254-4	7.346	6.435	20463711	25097390	257.108	266.000
30)	L6 AR-1254-5	7.762	6.851	19086937	35261681	255.788	269.714

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

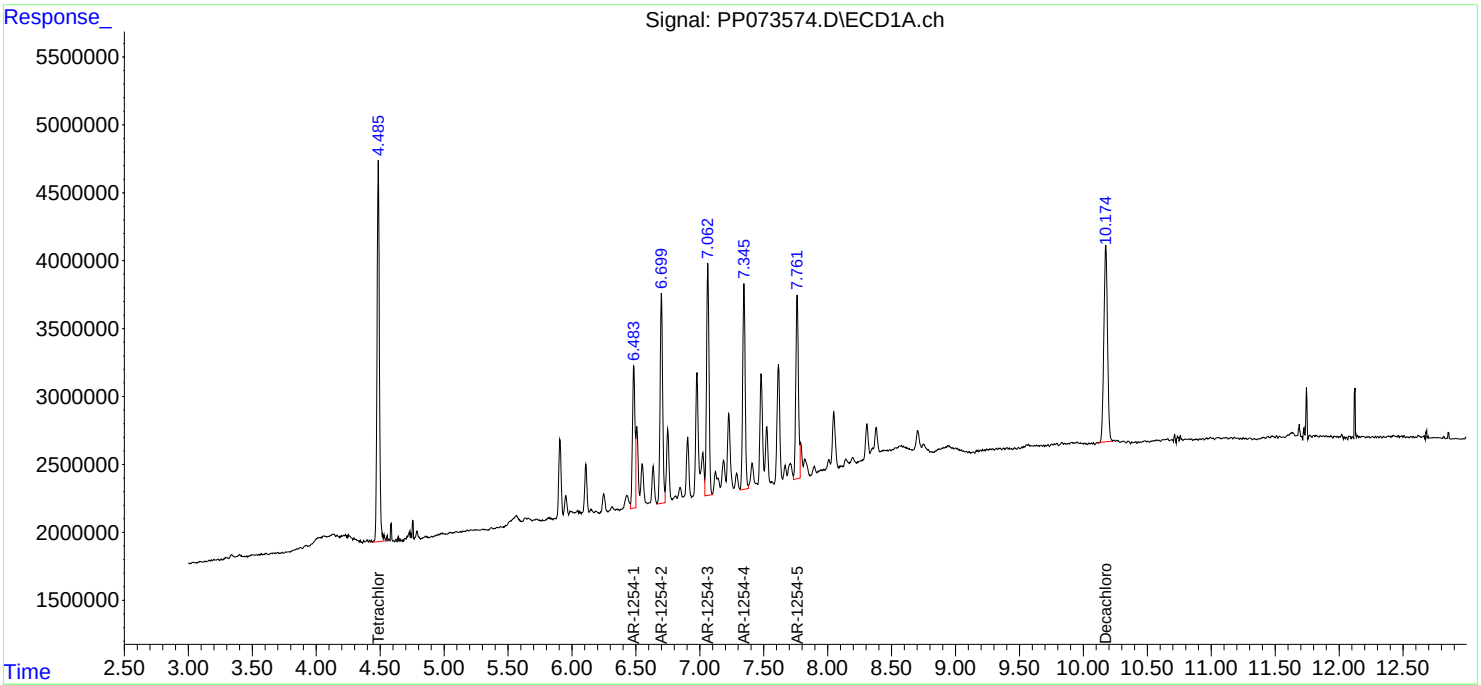
ICAL Form

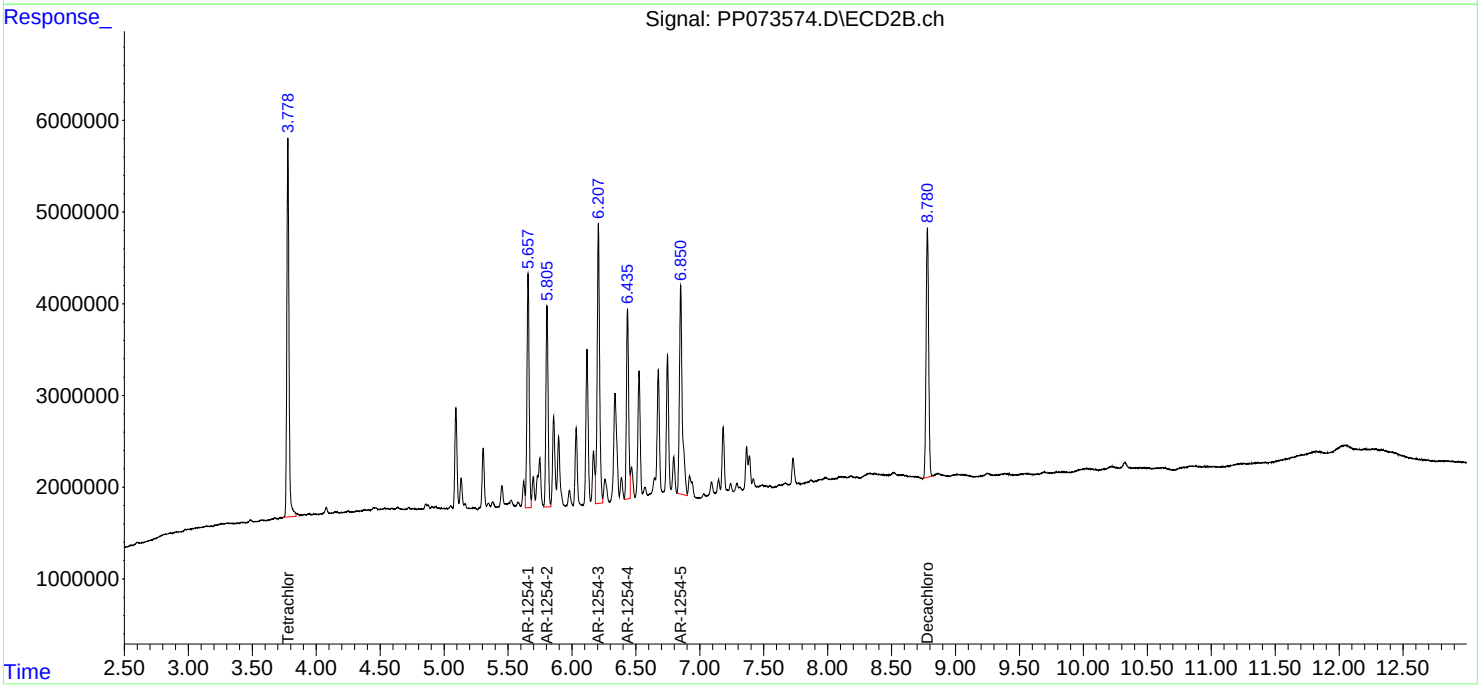
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:30
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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	3.779	6938090	9721913	4.952	5.138
2)	SA Decachlor...	10.178	8.780	5667149	6887289	4.948	5.019
	Target Compounds						
26)	L6 AR-1254-1	6.485	5.657	2578085	6452648	46.697m	57.447
27)	L6 AR-1254-2	6.701	5.806	4490008	5754555	54.399m	59.894
28)	L6 AR-1254-3	7.064	6.207	4570279	8163980	51.646m	53.675
29)	L6 AR-1254-4	7.347	6.436	4061359	4857854	51.027m	51.487
30)	L6 AR-1254-5	7.764	6.851	3548489	7039930	47.554	53.848

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

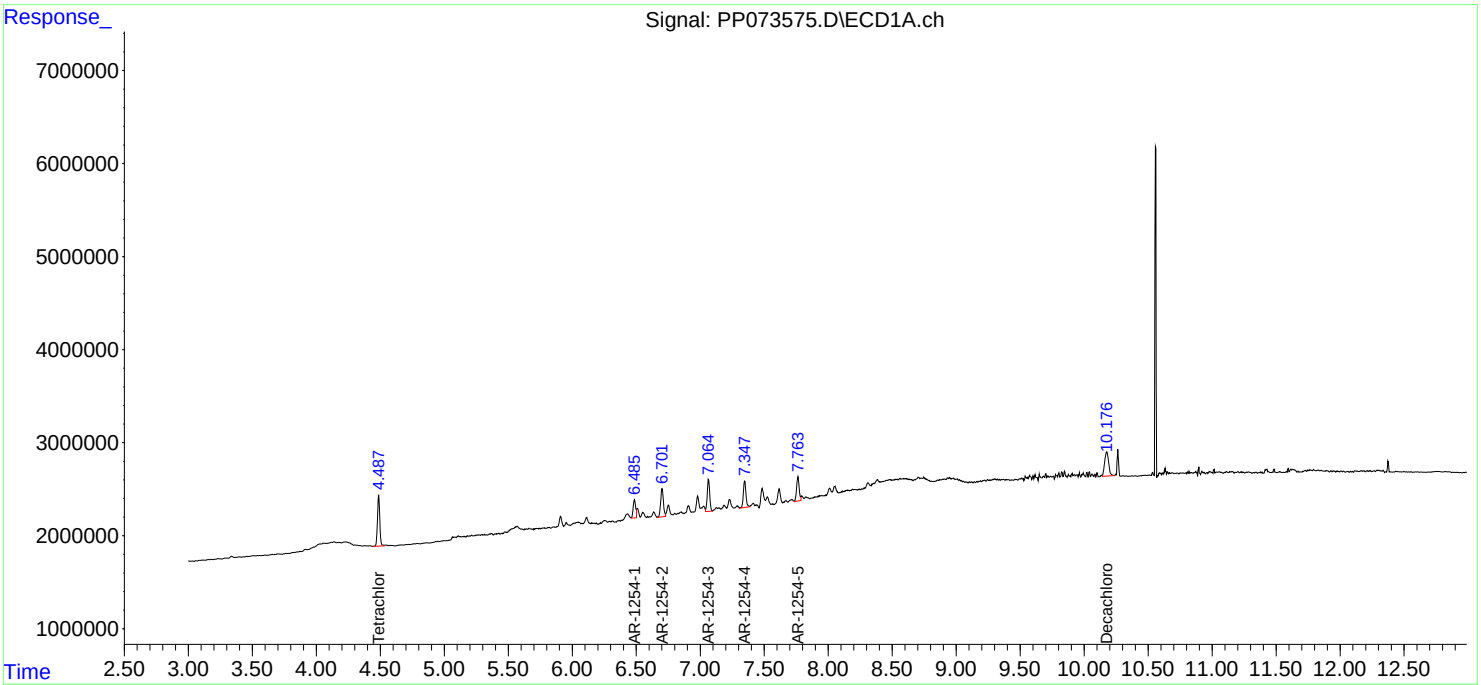
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

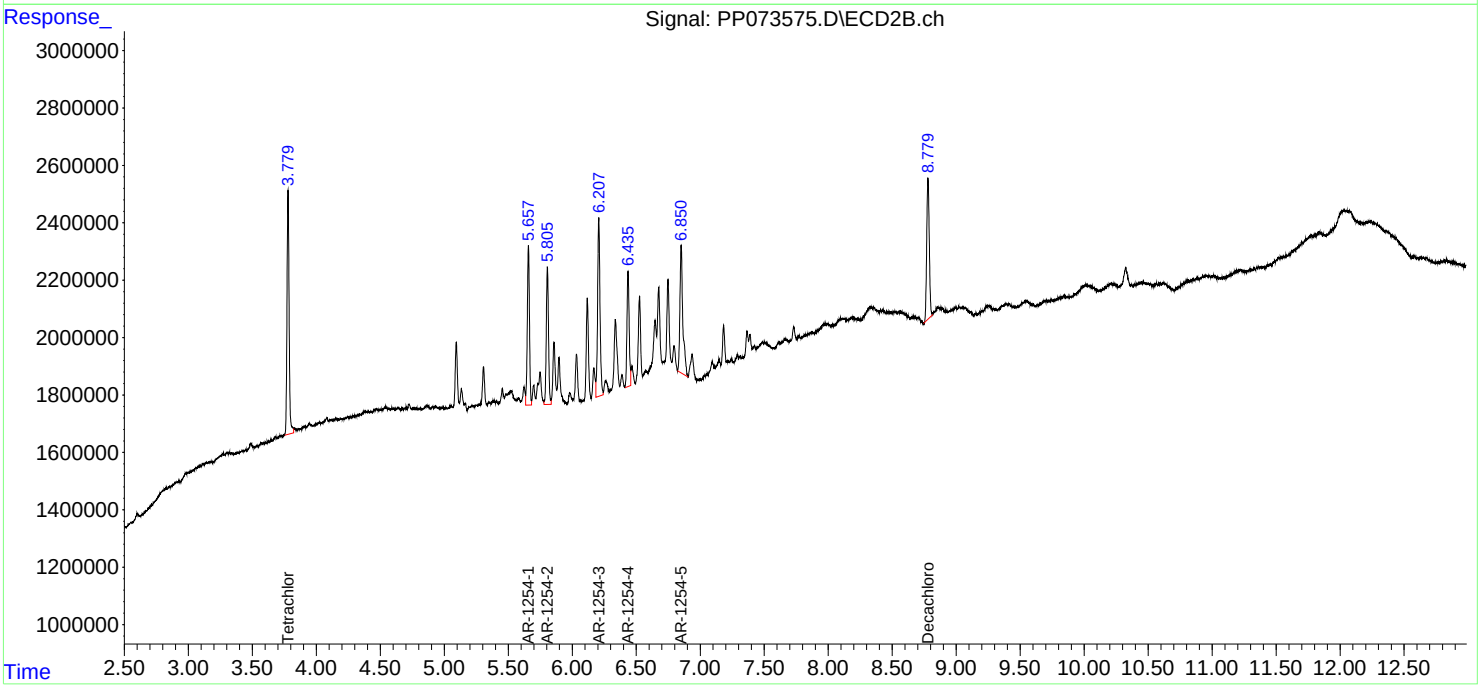
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:03
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 08 03:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 03:49:15 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	3.779	69434570	94417779	50.000	50.000
2)	SA Decachlor...	10.177	8.781	57470872	69838496	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.065	6.889	43513643	73845842	500.000	500.000
37)	L8 AR-1262-2	8.383	7.147	99013762	63914528	500.000	500.000
38)	L8 AR-1262-3	8.697	7.669	62862521	57009497	500.000	500.000
39)	L8 AR-1262-4	8.782	7.735	46631386	92024537	500.000	500.000
40)	L8 AR-1262-5	9.432	8.231	31694688	42217822	500.000	500.000

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

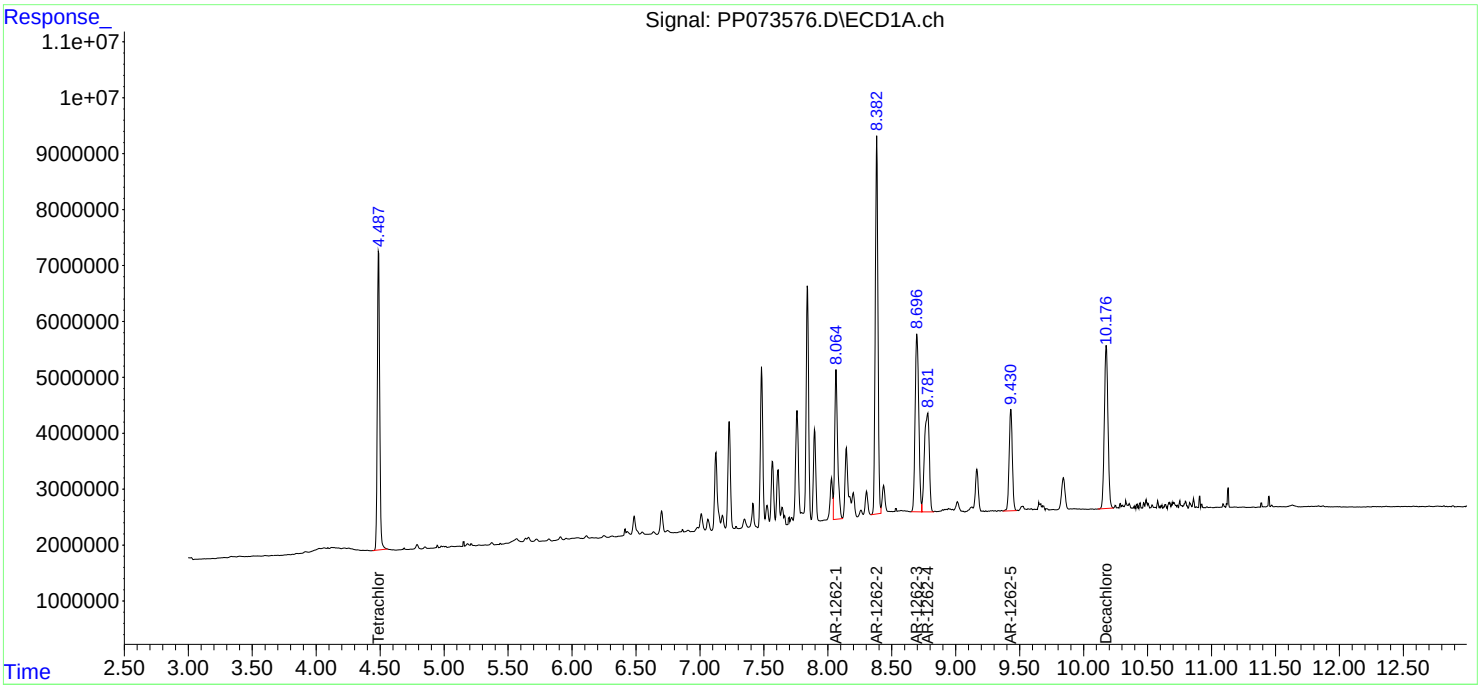
ICAL Form

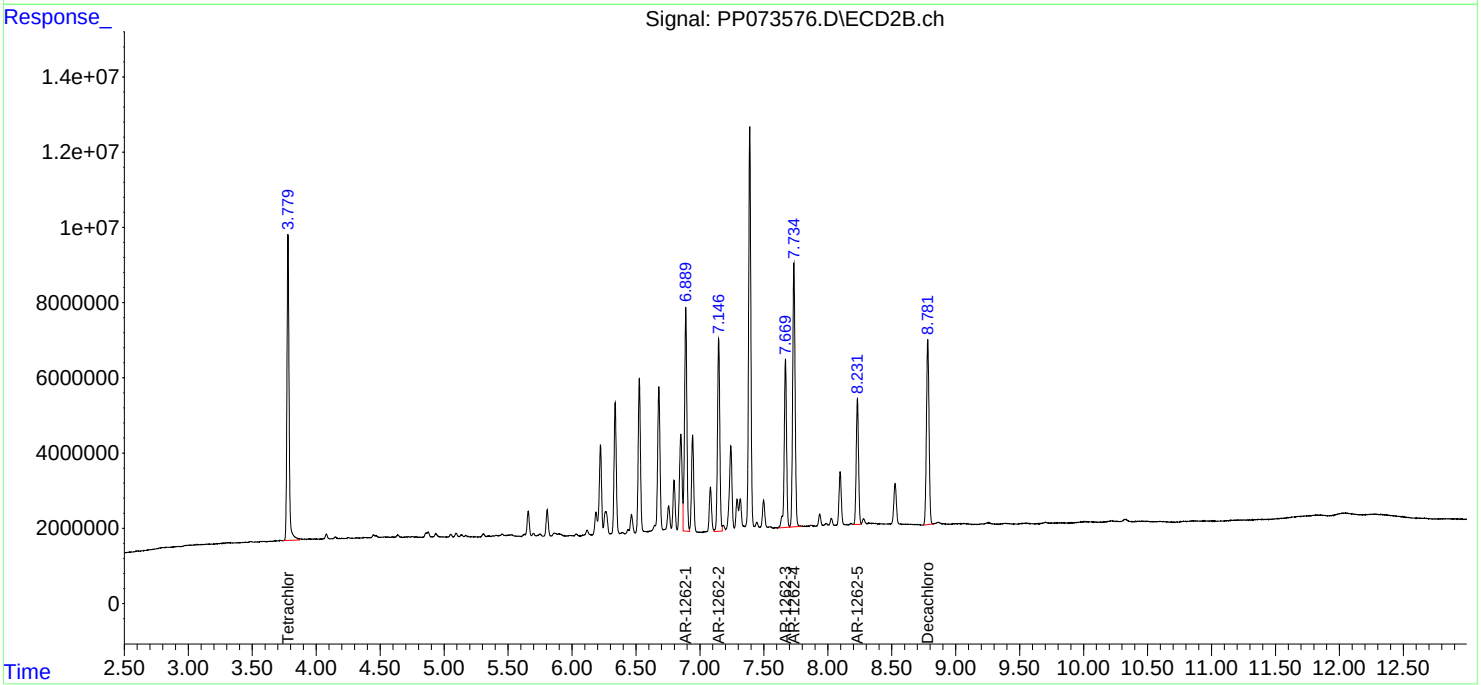
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:03
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 03:49:15 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:19
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 08 04:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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	3.780	135.2E6	186.6E6	95.477	96.310
2)	SA Decachlor...	10.175	8.780	197.8E6	239.6E6	96.151	94.525
	Target Compounds						
41)	L9 AR-1268-1	8.691	7.669	220.6E6	290.6E6	967.069	944.084
42)	L9 AR-1268-2	8.784	7.736	188.8E6	254.1E6	971.974	949.819
43)	L9 AR-1268-3	9.012	7.937	161.3E6	211.6E6	967.680	931.099
44)	L9 AR-1268-4	9.428	8.231	68937885	89640321	991.083	941.420
45)	L9 AR-1268-5	9.841	8.527	477.6E6	595.3E6	984.517	956.339

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

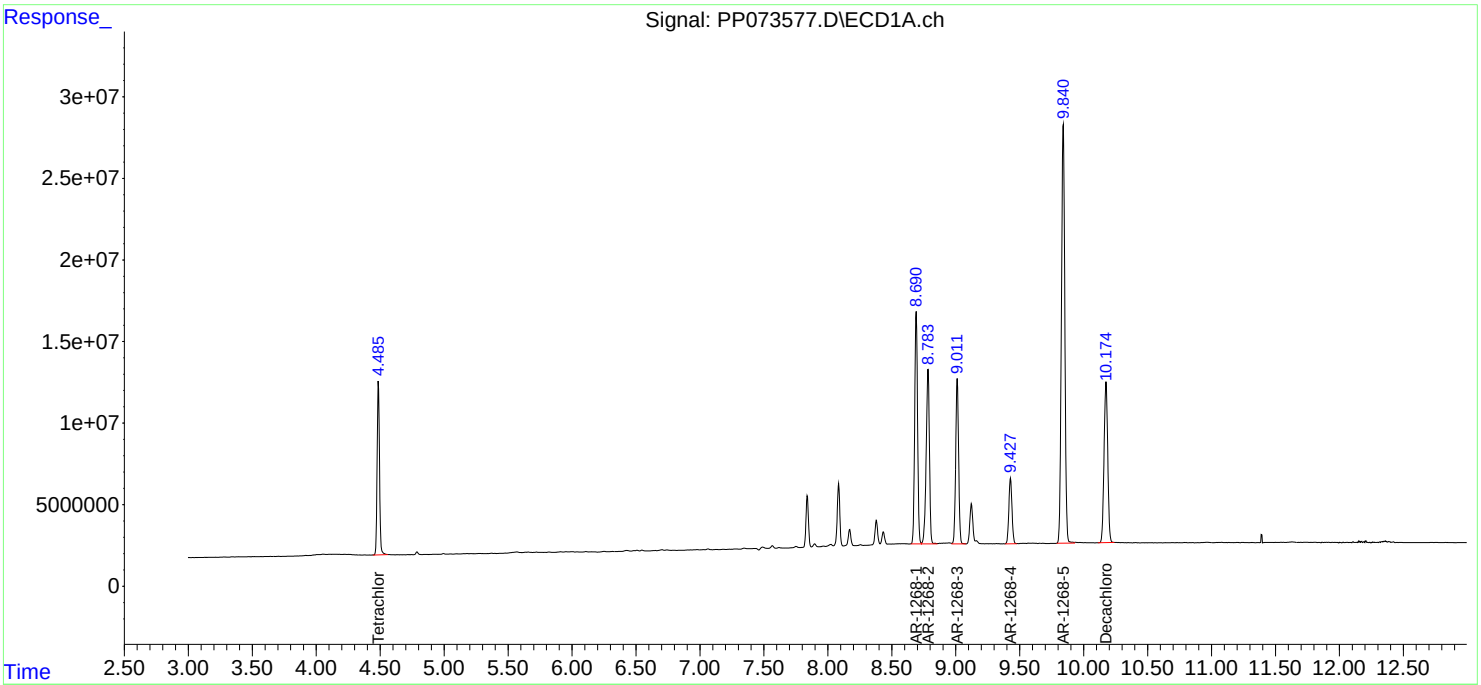
ICAL Form

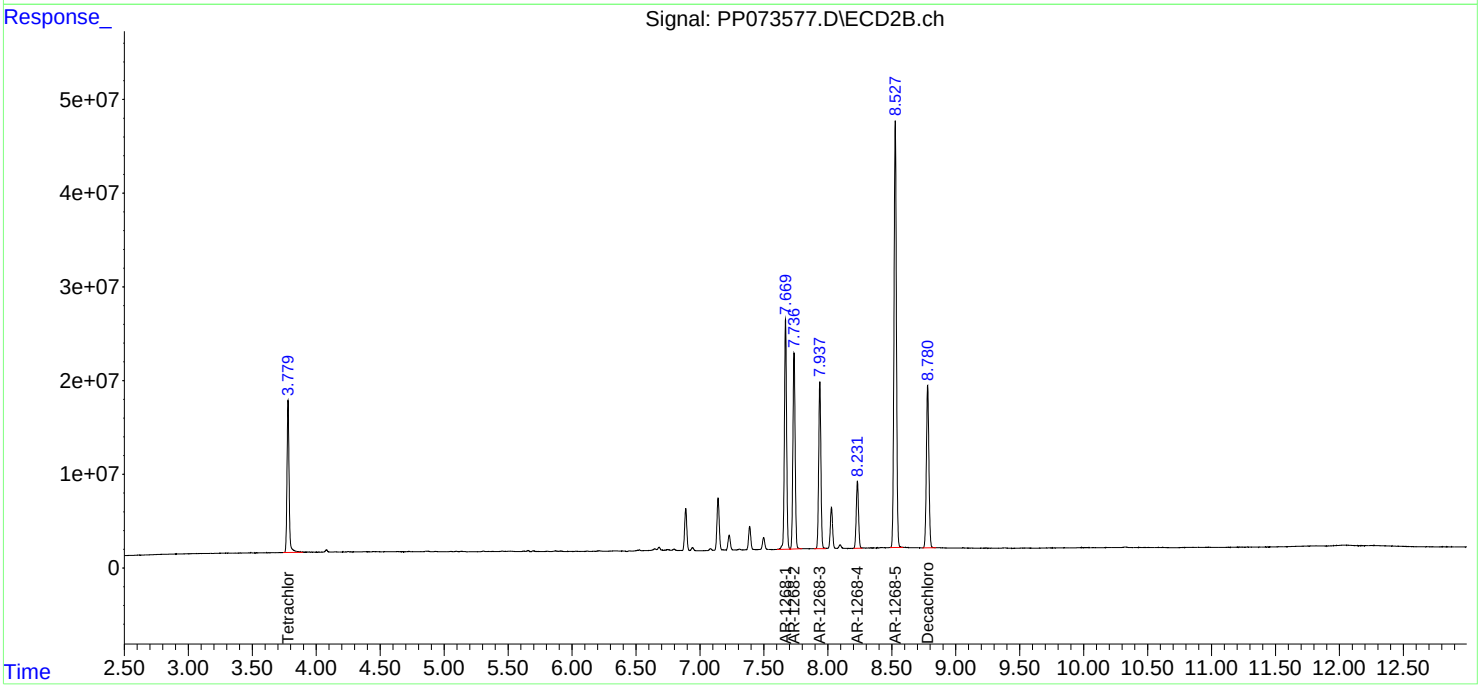
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:35
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 08 04:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.486	3.779	104.3E6	146.5E6	73.649	75.624
2)	SA Decachlor...	10.176	8.780	151.6E6	191.8E6	73.695	75.646
	Target Compounds						
41)	L9 AR-1268-1	8.691	7.668	168.8E6	230.7E6	740.295	749.493
42)	L9 AR-1268-2	8.785	7.735	144.0E6	200.8E6	741.630	750.427
43)	L9 AR-1268-3	9.013	7.936	123.3E6	169.4E6	739.524	745.141
44)	L9 AR-1268-4	9.430	8.230	52353473	71323535	752.658	749.054
45)	L9 AR-1268-5	9.841	8.526	354.6E6	478.2E6	730.874	768.335

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

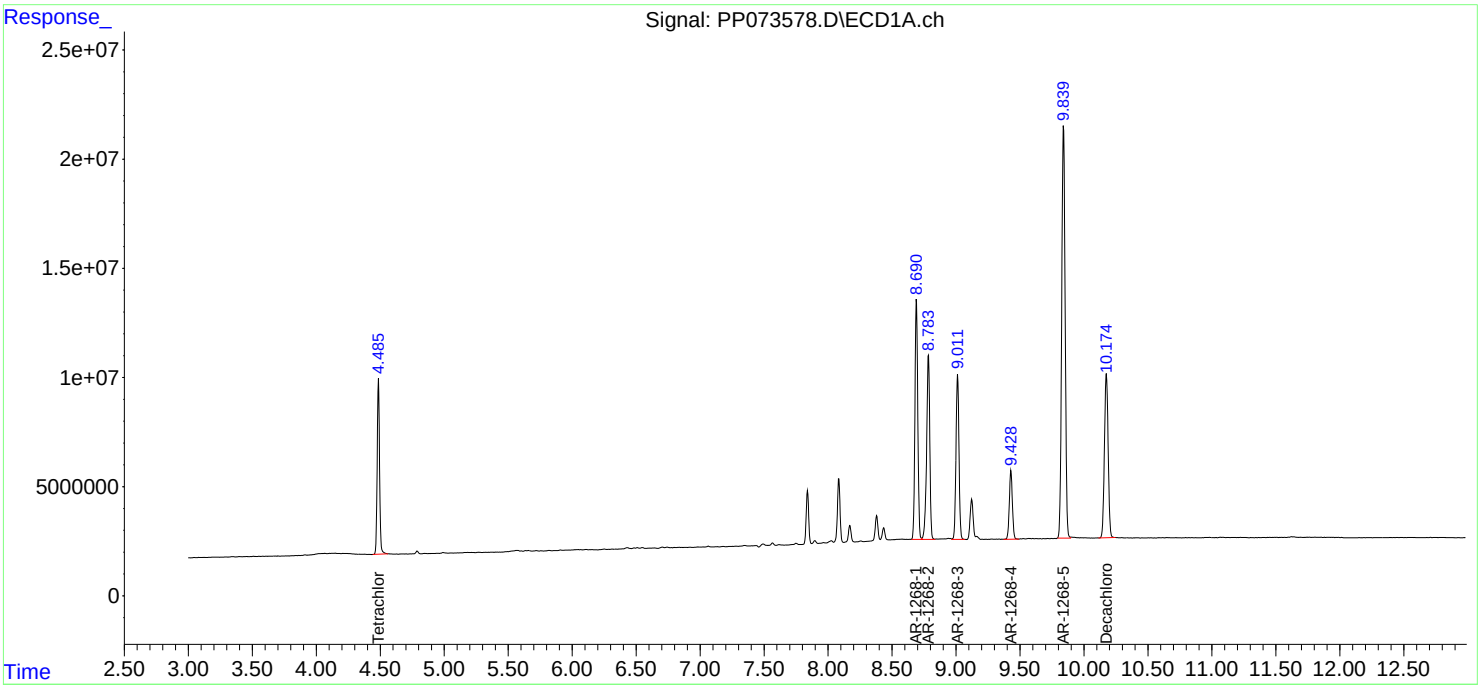
ICAL Form

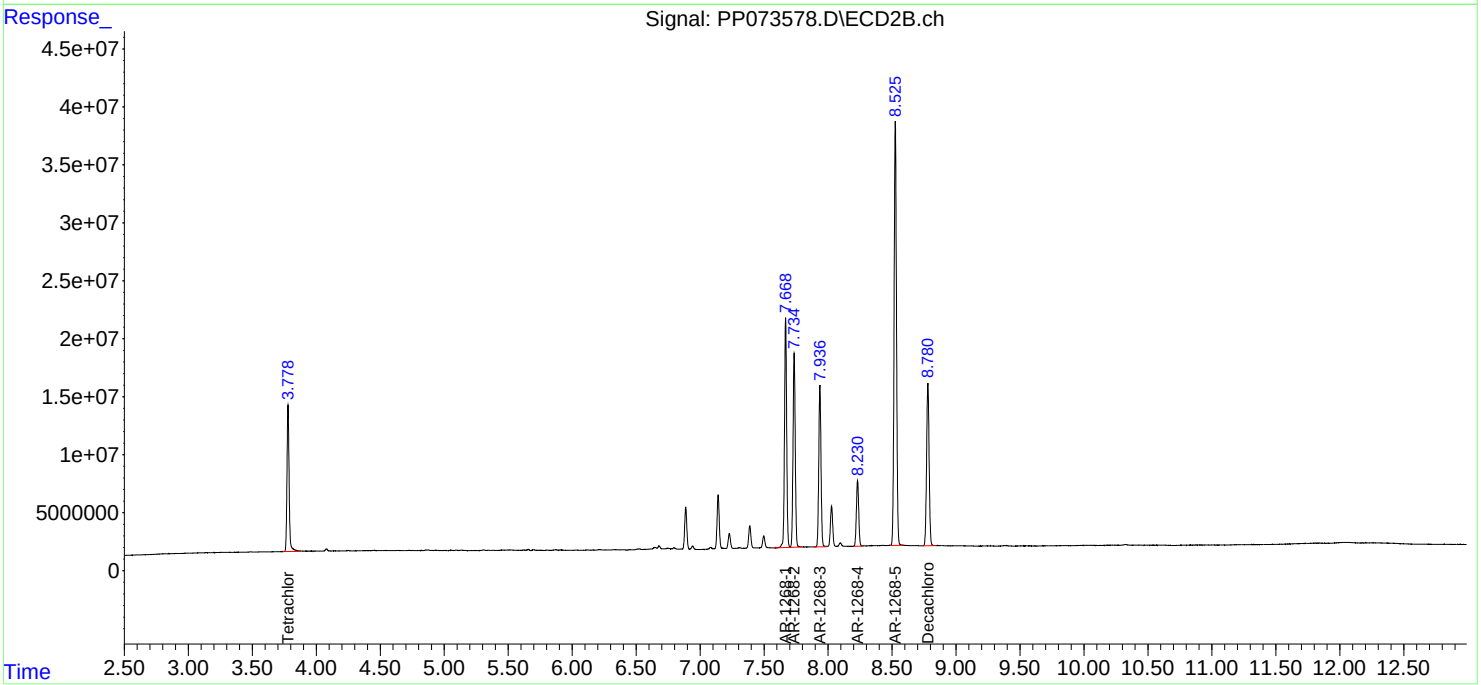
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:52
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 08 04:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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	3.779	70790889	96889578	50.000	50.000
2)	SA Decachlor...	10.177	8.780	102.9E6	126.8E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.693	7.669	114.0E6	153.9E6	500.000	500.000
42)	L9 AR-1268-2	8.786	7.735	97114359	133.8E6	500.000	500.000
43)	L9 AR-1268-3	9.014	7.937	83354053	113.7E6	500.000	500.000
44)	L9 AR-1268-4	9.430	8.231	34779057	47609088	500.000	500.000
45)	L9 AR-1268-5	9.841	8.527	242.6E6	311.2E6	500.000	500.000

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

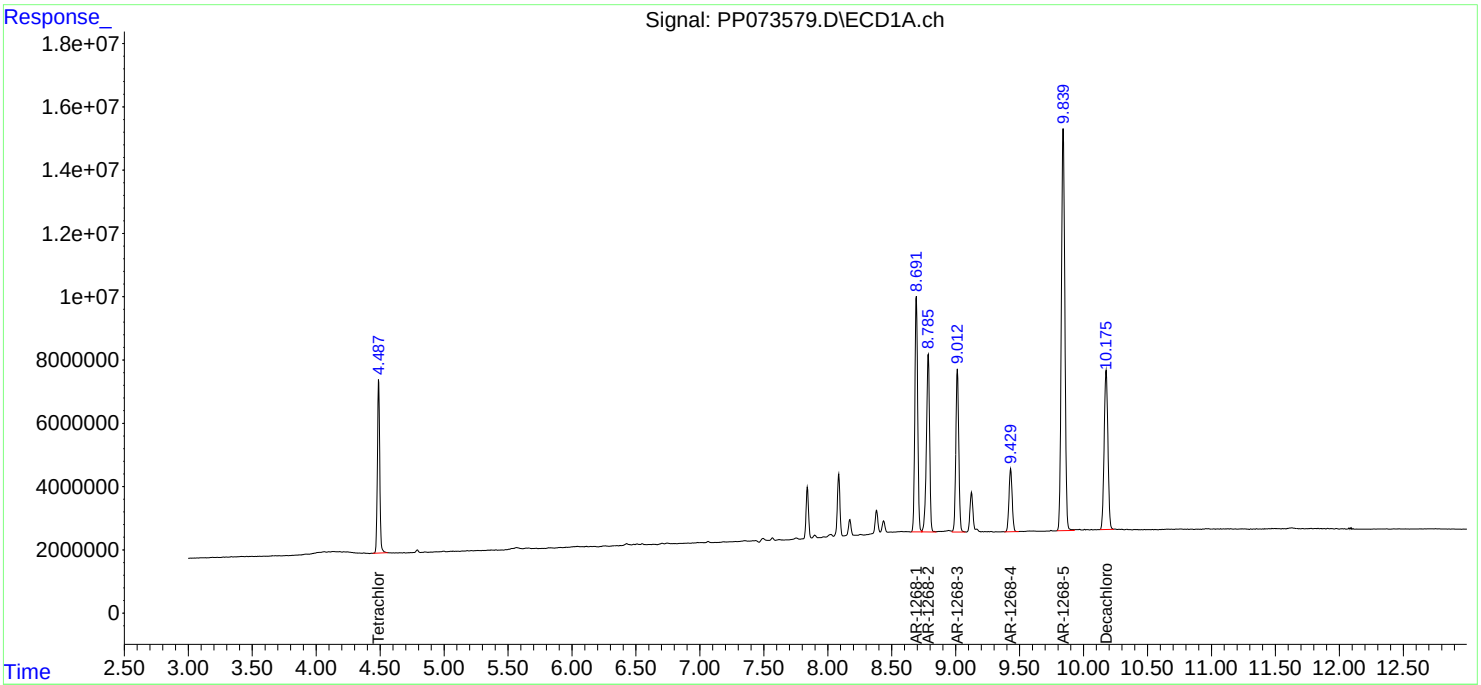
ICAL Form

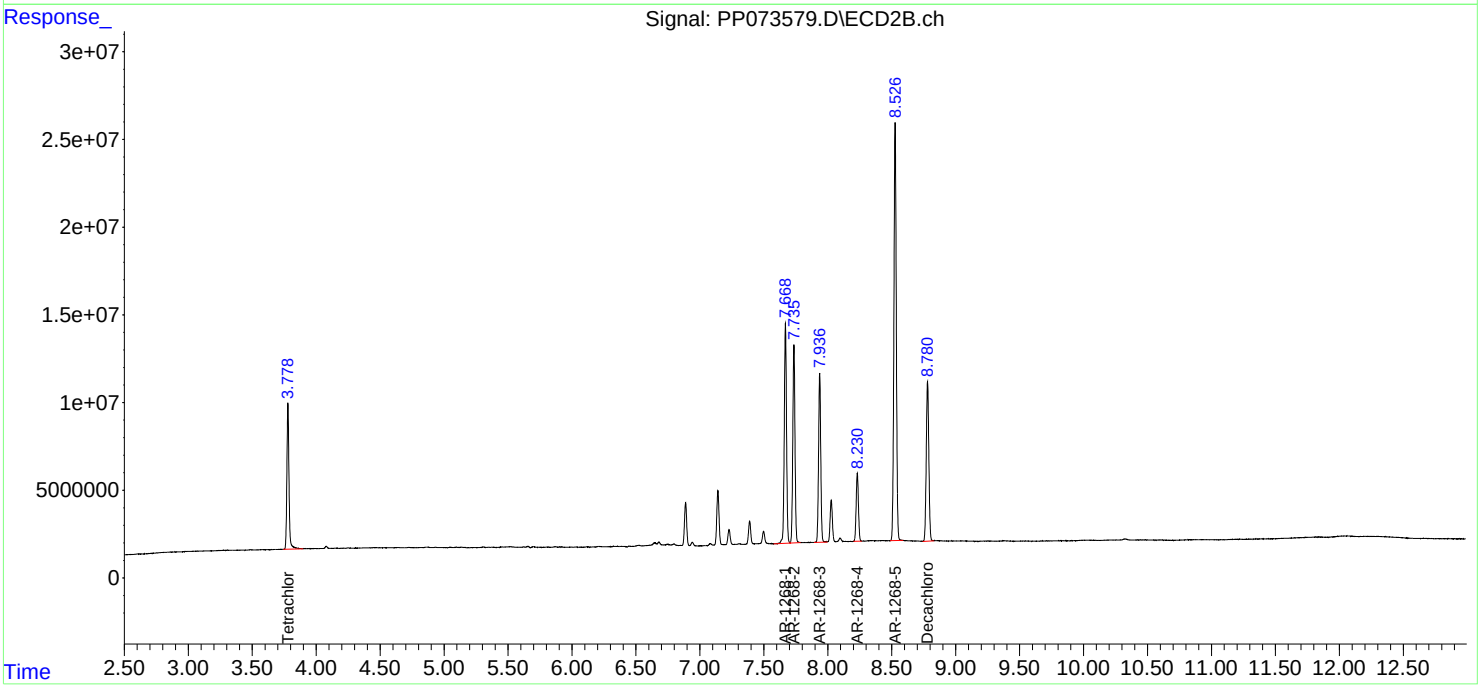
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.485	3.779	37383725	50542988	26.404	26.083
2)	SA Decachlor...	10.171	8.781	54731552	67087696	26.607	26.464
	Target Compounds						
41)	L9 AR-1268-1	8.690	7.668	59422367	80900824	260.528	262.840m
42)	L9 AR-1268-2	8.783	7.735	50730840	70740492	261.191	264.376
43)	L9 AR-1268-3	9.010	7.936	43805027	60554343	262.765	266.395
44)	L9 AR-1268-4	9.428	8.231	18771767	24970476	269.872	262.245
45)	L9 AR-1268-5	9.839	8.525	124.3E6	162.7E6	256.278	261.384

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

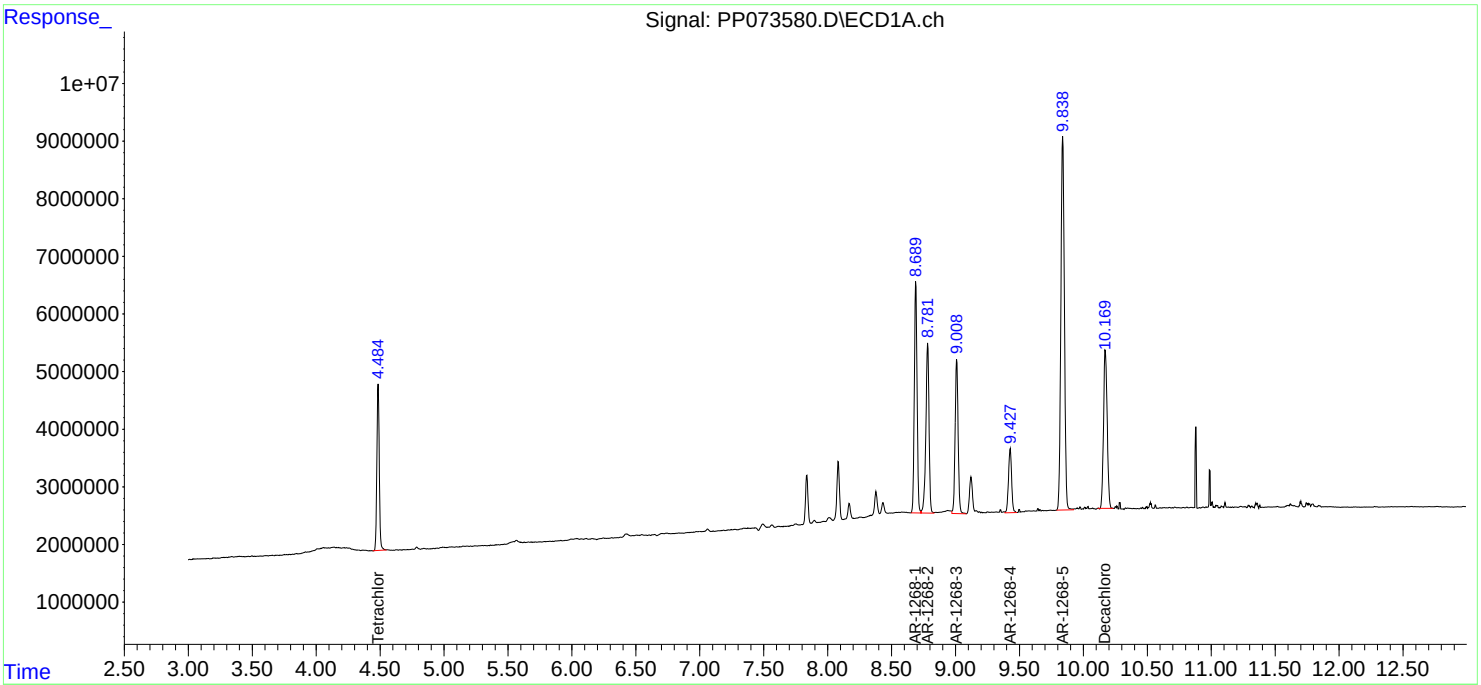
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

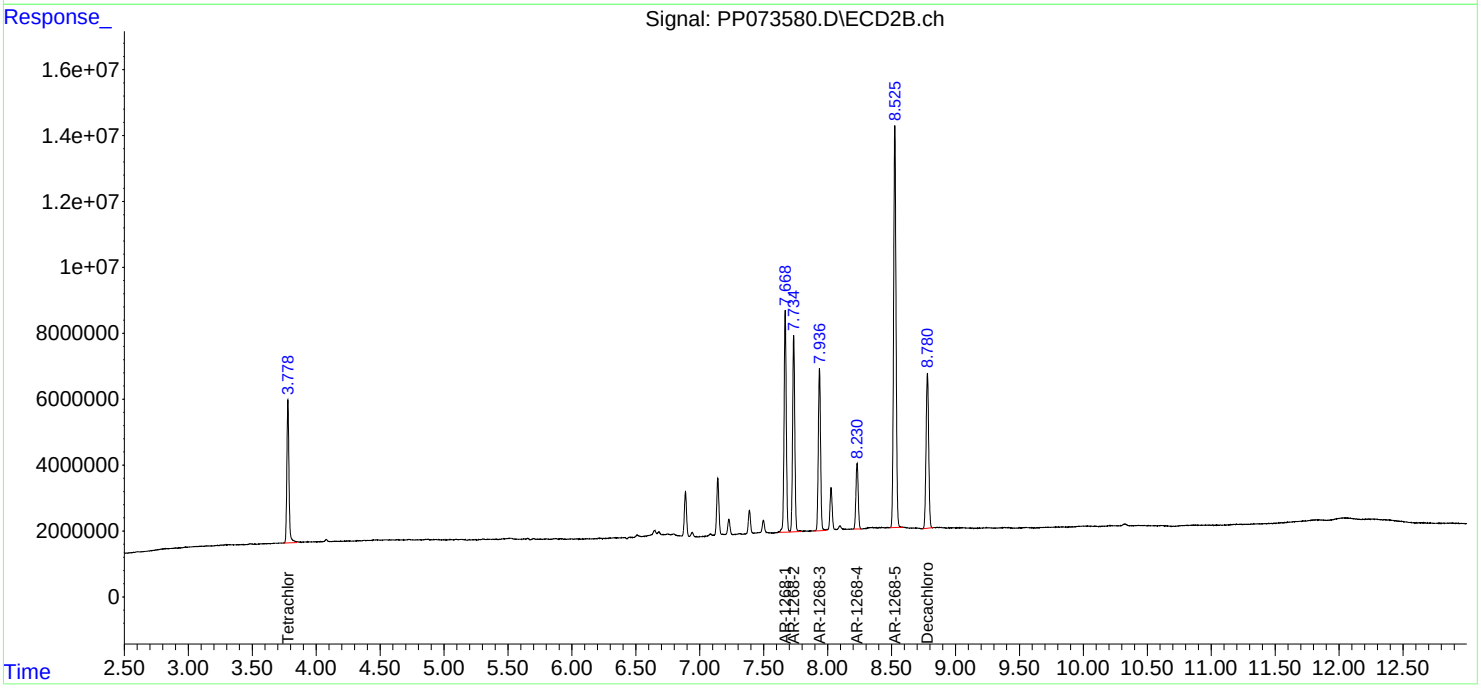
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 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	3.778	6570480	8954068	4.649	4.604
2)	SA Decachlor...	10.178	8.780	8974224	11778445	4.354	4.632
	Target Compounds						
41)	L9 AR-1268-1	8.694	7.668	10231981	15365679	44.903	49.987
42)	L9 AR-1268-2	8.787	7.735	8726381	12801300	44.866	47.748
43)	L9 AR-1268-3	9.015	7.936	8012537	11044482	48.006	48.707
44)	L9 AR-1268-4	9.433	8.231	3216586	4250036	45.402	44.756
45)	L9 AR-1268-5	9.839	8.526	18594477	28831591	38.480m	46.018

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

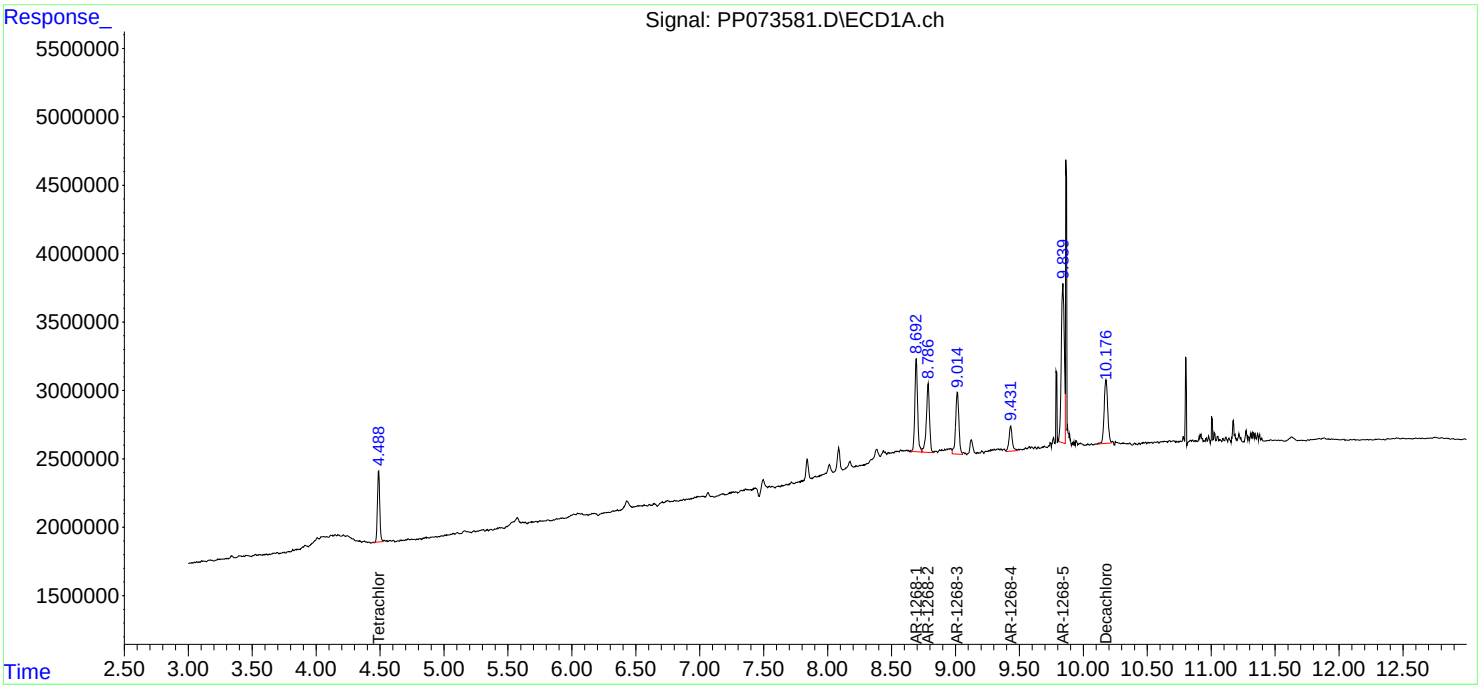
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

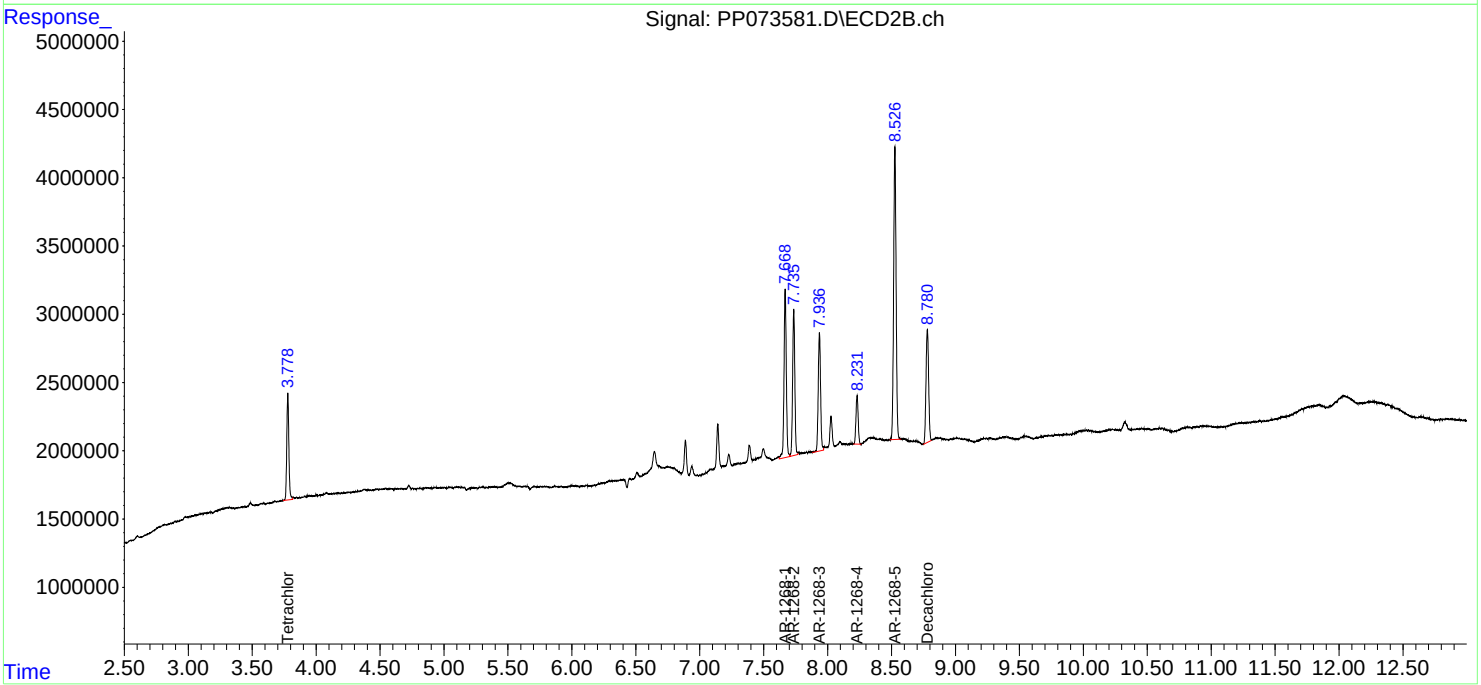
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:41
Operator : YP\AJ
Sample : PP070125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:27:19 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...	4.485	3.779	72260983	95891777	52.763	52.050
2)	SA Decachlor...	10.173	8.780	57429181	73824211	52.636	55.794
	Target Compounds						
3)	L1 AR-1016-1	5.636	4.857	23819344	35187796	501.317	516.141
4)	L1 AR-1016-2	5.657	4.875	36673403	52182388	514.968	512.173
5)	L1 AR-1016-3	5.719	5.051	22168045	28112093	507.707	519.571
6)	L1 AR-1016-4	5.817	5.093	18666023	22689979	519.286	517.082
7)	L1 AR-1016-5	6.109	5.307	16712865	28698340	533.439	525.779
31)	L7 AR-1260-1	7.226	6.337	30361600	49427132	514.942	506.632
32)	L7 AR-1260-2	7.479	6.525	43933298	61439670	458.403	500.170
33)	L7 AR-1260-3	7.837	6.677	37495485	56331160	513.140	514.610
34)	L7 AR-1260-4	8.061	7.146	33945827	47047060	519.845	526.204
35)	L7 AR-1260-5	8.379	7.389	79838825	118.4E6	529.250	526.873

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

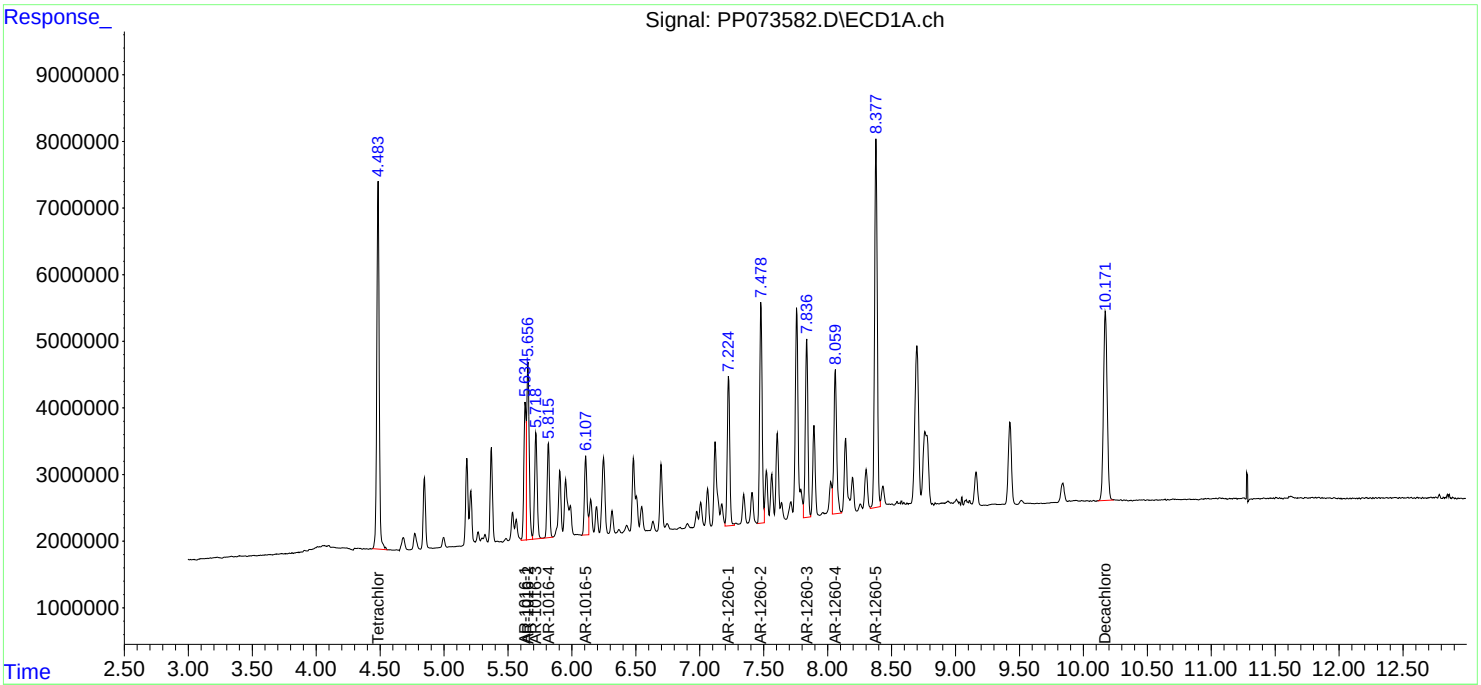
ICAL Form

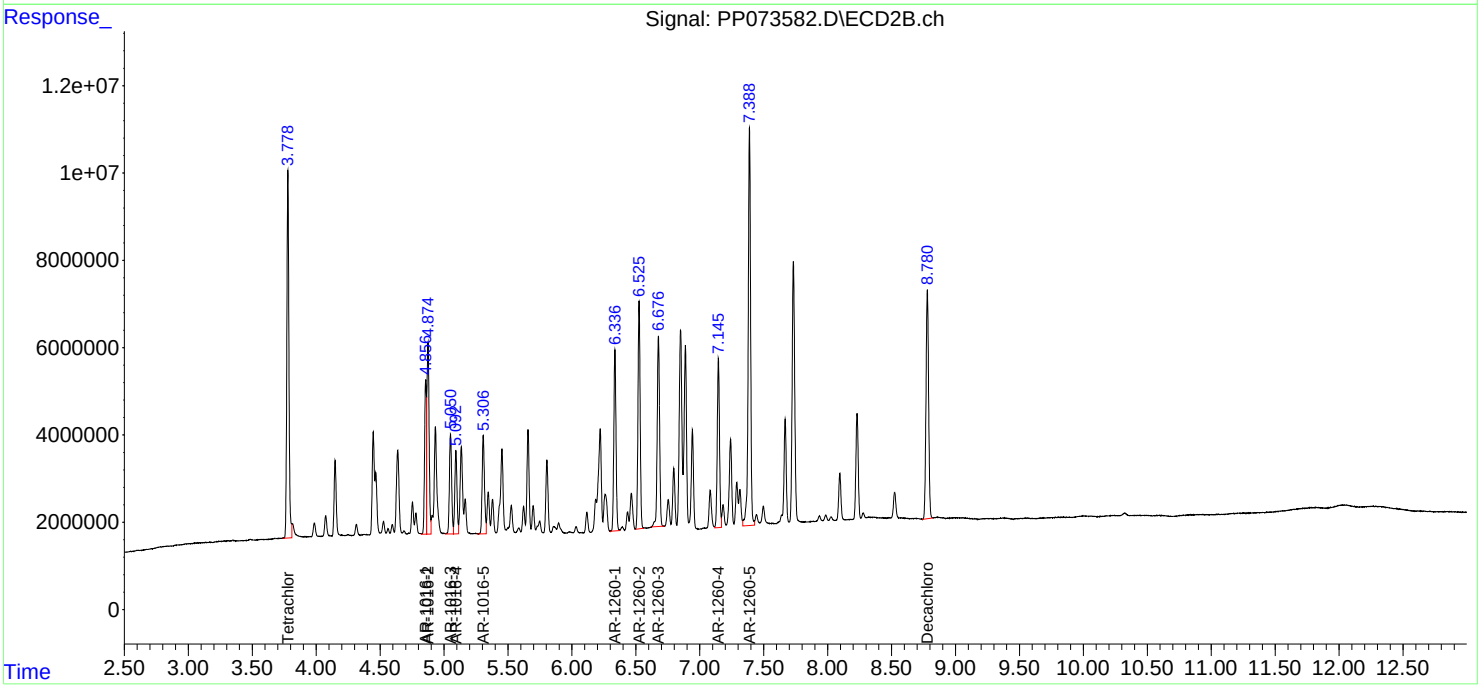
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:41
Operator : YP\AJ
Sample : PP070125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:27:19 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:30
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:53:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:39:05 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...	4.486	3.780	72993940	98810271	53.555	54.104
2)	SA Decachlor...	10.175	8.781	59178077	71524197	53.748	53.924
	Target Compounds						
16)	L4 AR-1242-1	5.637	4.858	20775175	30801945	544.021	533.231
17)	L4 AR-1242-2	5.658	4.875	31979969	45687015	534.049	528.453
18)	L4 AR-1242-3	5.720	5.052	19490860	24488942	532.233	532.986
19)	L4 AR-1242-4	5.817	5.136	16125476	23556759	501.788	532.196
20)	L4 AR-1242-5	6.547	5.657	17188141	29930341	525.039	541.800

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

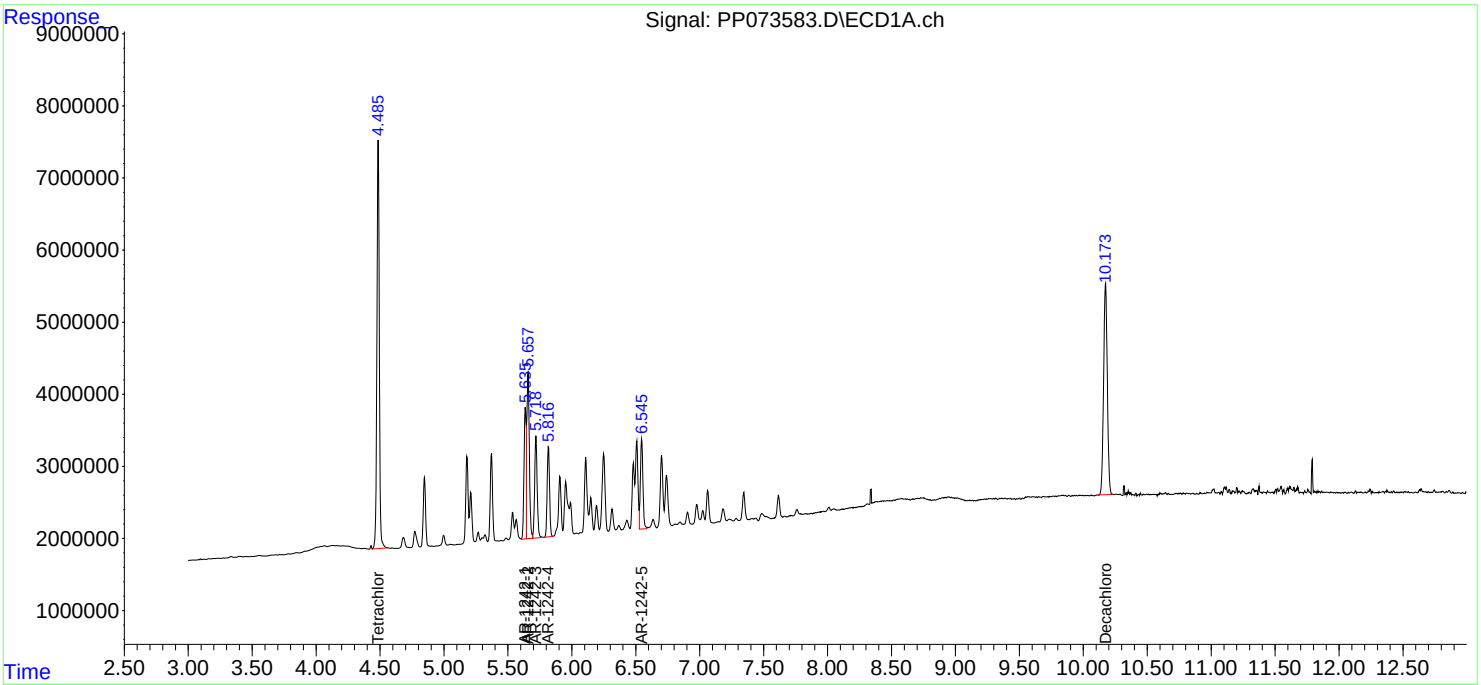
ICAL Form

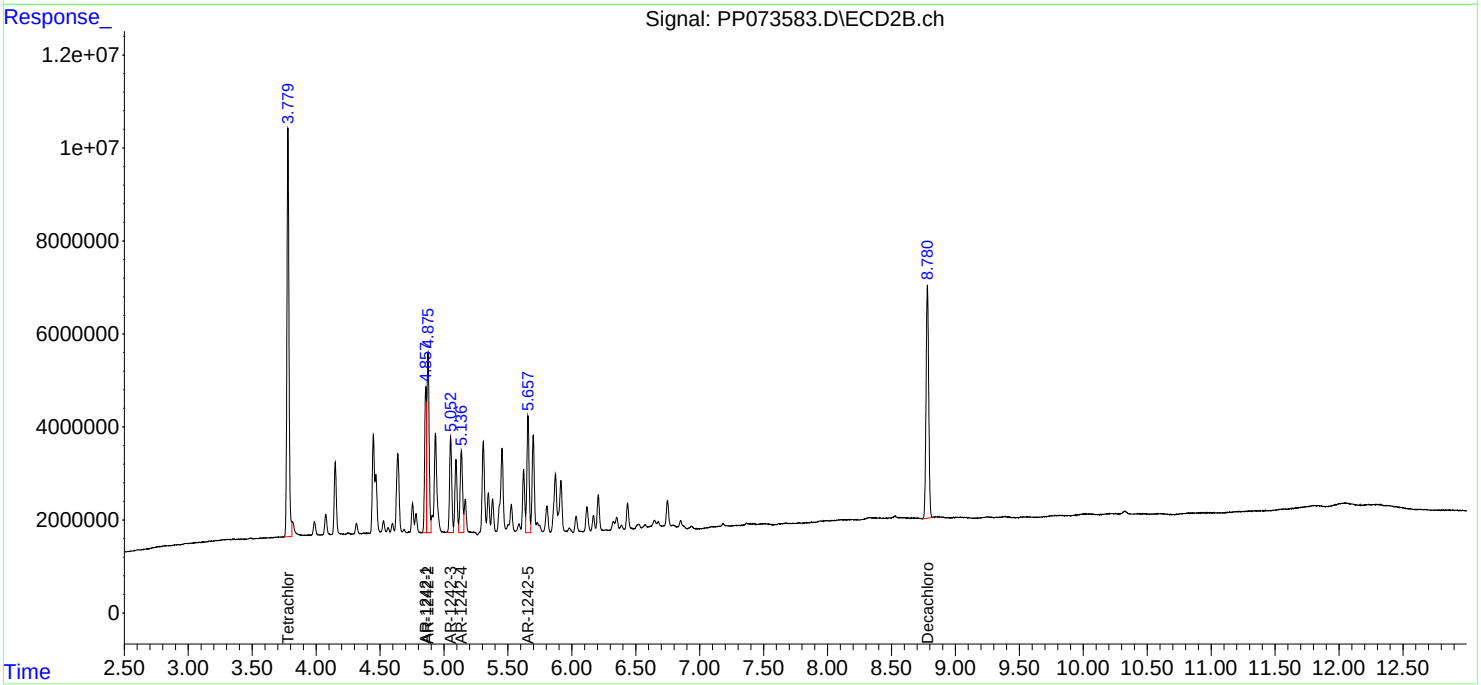
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:30
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:53:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:39:05 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:46
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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	3.778	71424974	97266201	52.153	52.796
2)	SA Decachlor...	10.176	8.779	58027297	74824812	53.185	56.551
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.857	15762091	23607850	510.587	525.847
22)	L5 AR-1248-2	5.910	5.092	20492312	31849894	513.291	517.577
23)	L5 AR-1248-3	6.112	5.134	23677594	33328191	533.164	520.228
24)	L5 AR-1248-4	6.511	5.306	28997723	39129254	526.461	519.111
25)	L5 AR-1248-5	6.550	5.697	28371365	39383540	527.441	527.994

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

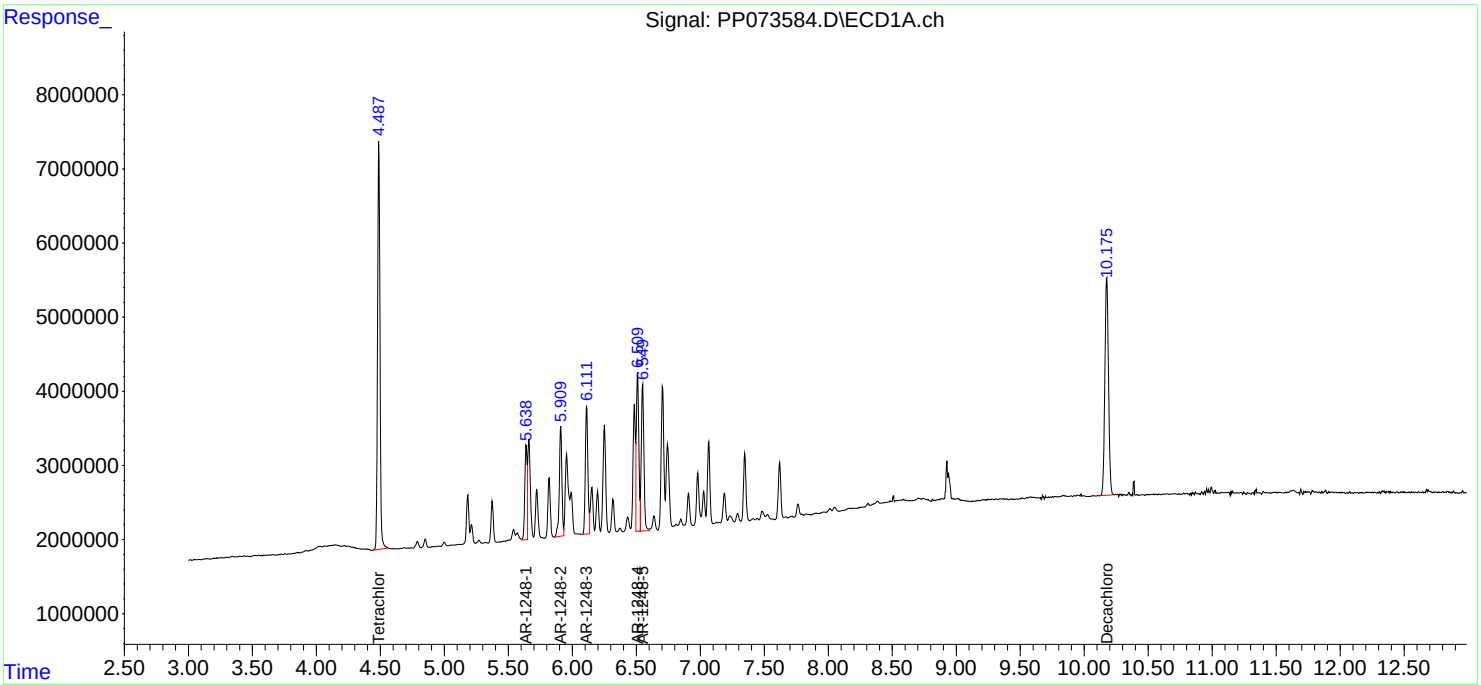
ICAL Form

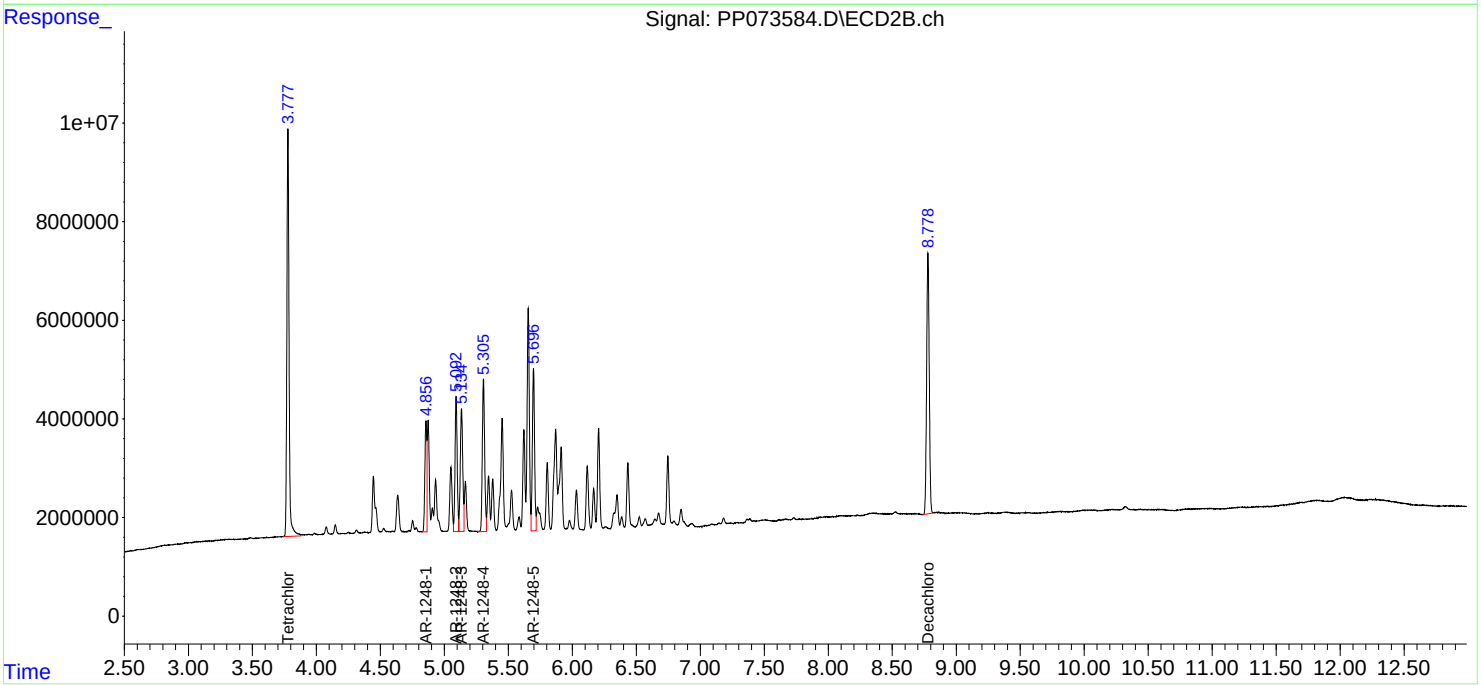
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:46
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:19
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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	3.779	72137939	98177371	52.674	53.291
2)	SA Decachlor...	10.176	8.780	58669520	75798661	53.773	57.287
	Target Compounds						
26)	L6 AR-1254-1	6.486	5.657	27751618	57179282	517.855	492.797
27)	L6 AR-1254-2	6.702	5.805	42039125	49615142	504.739	493.077
28)	L6 AR-1254-3	7.065	6.207	45059626	78048221	510.118	505.342
29)	L6 AR-1254-4	7.348	6.435	39772060	48017763	505.575	507.806
30)	L6 AR-1254-5	7.764	6.851	38107518	68206603	517.204	511.122

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

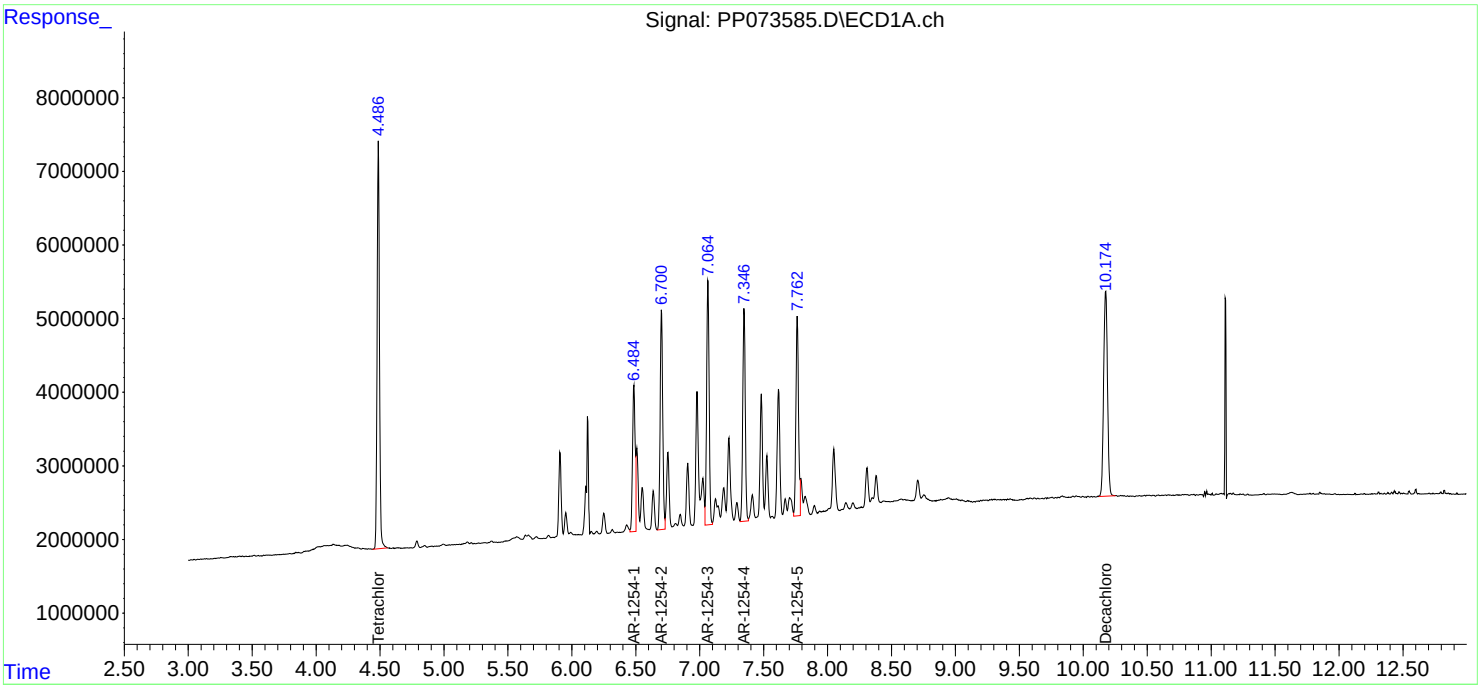
ICAL Form

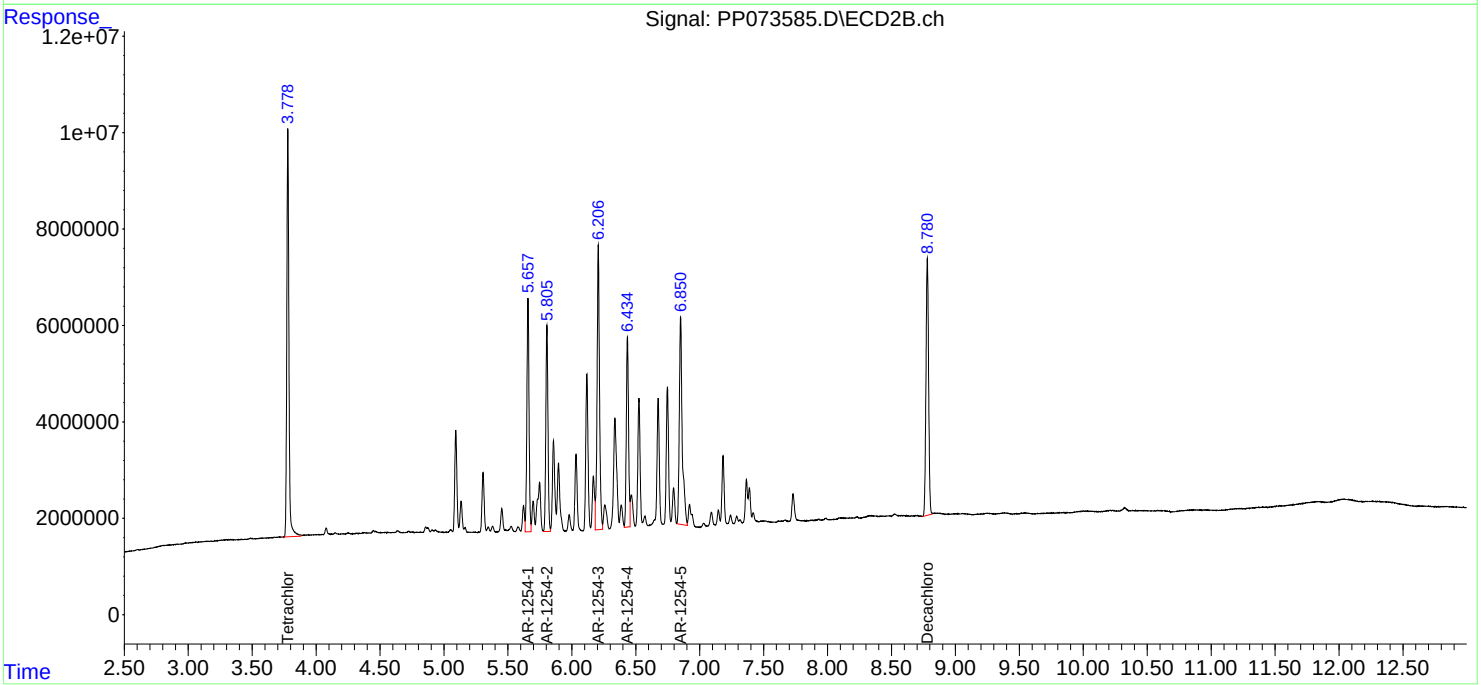
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:19
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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...	4.484	3.778	70596120	97414683	50.662	50.893
2)	SA Decachlor...	10.172	8.779	103.0E6	129.1E6	51.291	51.524
	Target Compounds						
41)	L9 AR-1268-1	8.689	7.667	113.4E6	151.6E6	508.169	493.340
42)	L9 AR-1268-2	8.781	7.734	97840395	131.8E6	513.584	495.942
43)	L9 AR-1268-3	9.010	7.935	83760936	112.1E6	505.877	496.950
44)	L9 AR-1268-4	9.426	8.229	34884334	47107861	501.616	506.711
45)	L9 AR-1268-5	9.837	8.525	236.8E6	312.0E6	513.720	506.004

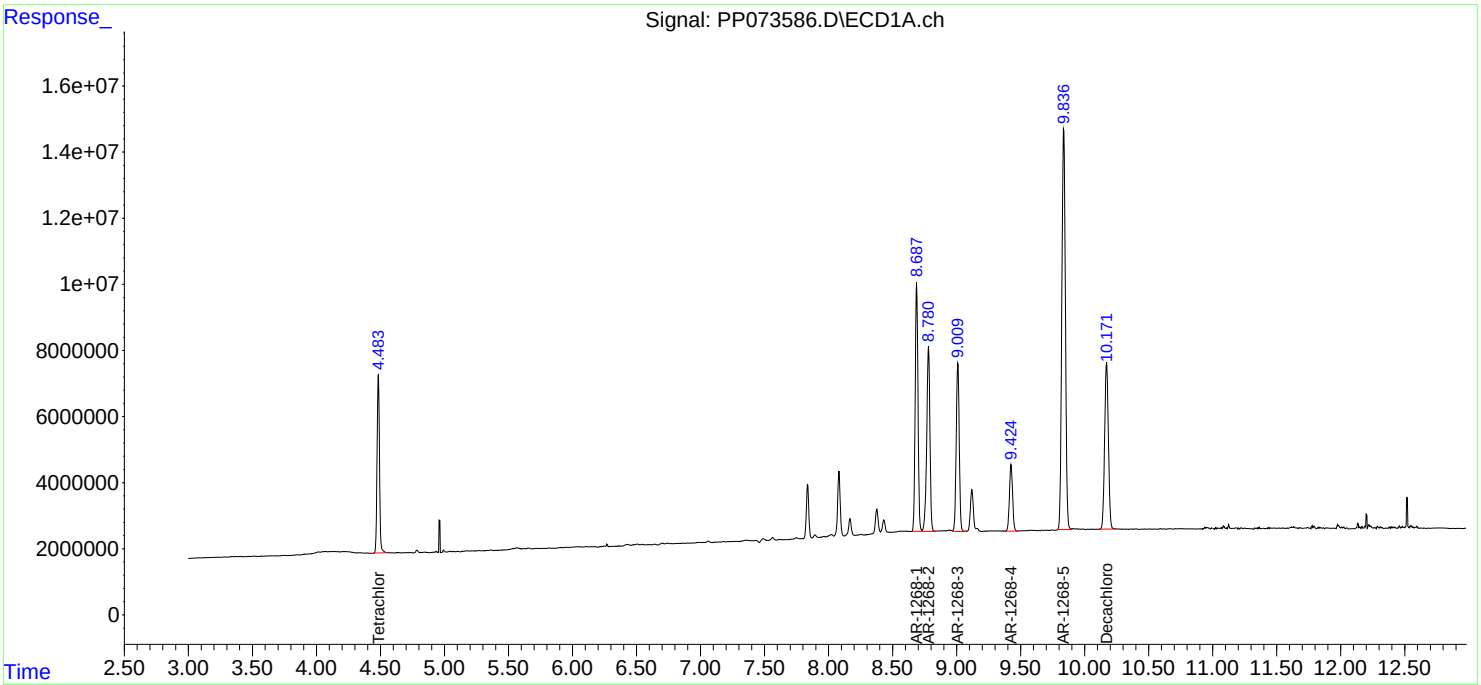
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

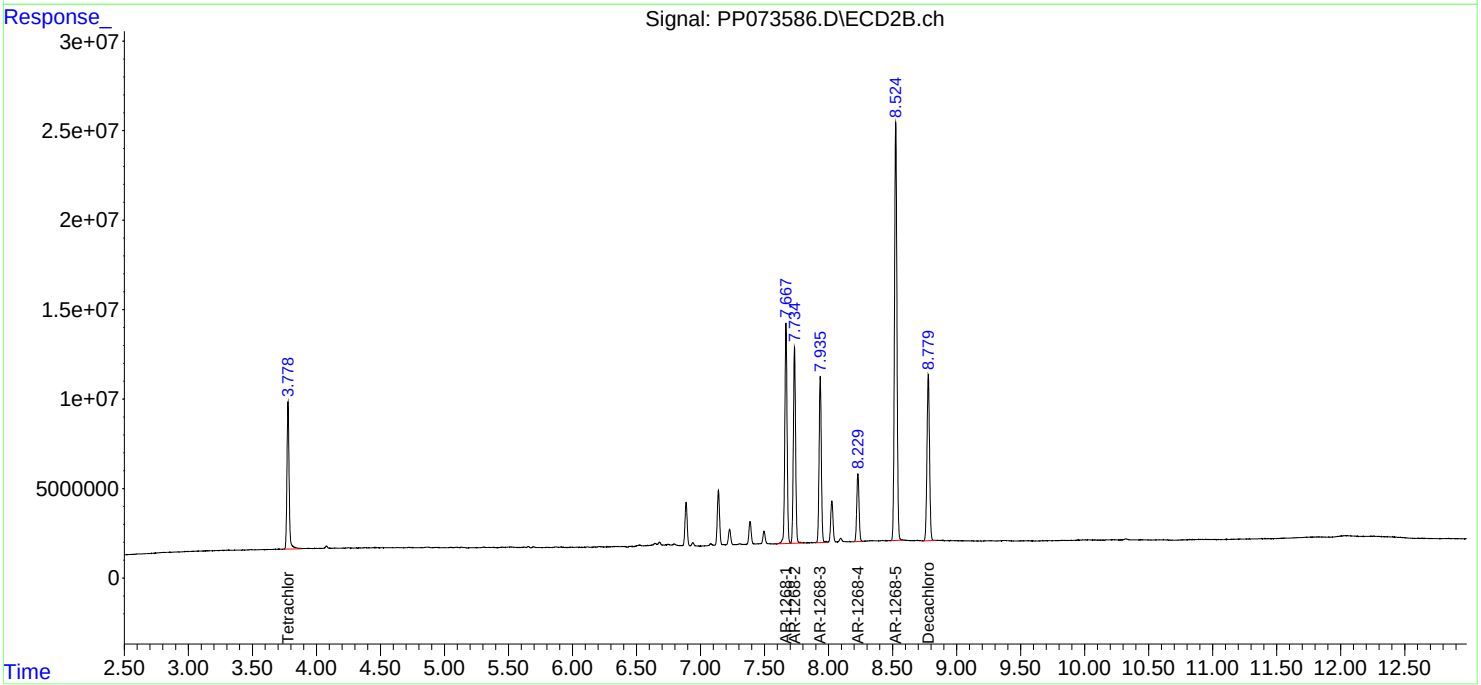
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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





Raw Data: **PO112135.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
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	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

Raw Data: **PO112135.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 15:32 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.02
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.67	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112135.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.760	4.661	4.861	547.310	500.000	9.5
Aroclor-1016-2	4.778	4.680	4.880	559.850	500.000	12.0
Aroclor-1016-3	4.835	4.736	4.936	541.660	500.000	8.3
Aroclor-1016-4	4.956	4.856	5.056	551.770	500.000	10.4
Aroclor-1016-5	5.213	5.113	5.313	559.420	500.000	11.9
Aroclor-1260-1	6.250	6.151	6.351	494.590	500.000	-1.1
Aroclor-1260-2	6.439	6.341	6.541	490.920	500.000	-1.8
Aroclor-1260-3	6.805	6.707	6.907	501.480	500.000	0.3
Aroclor-1260-4	7.064	6.967	7.167	509.890	500.000	2.0
Aroclor-1260-5	7.307	7.209	7.409	493.430	500.000	-1.3
Decachlorobiphenyl	8.701	8.603	8.803	49.070	50.000	-1.9
Tetrachloro-m-xylene	3.673	3.573	3.773	58.210	50.000	16.4

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.:** Q2529

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112135.D **Time Analyzed:** 15:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.741	4.661	4.861	545.850	500.000	9.2
Aroclor-1016-2	4.760	4.679	4.879	528.330	500.000	5.7
Aroclor-1016-3	4.936	4.854	5.054	533.880	500.000	6.8
Aroclor-1016-4	4.978	4.897	5.097	521.470	500.000	4.3
Aroclor-1016-5	5.190	5.109	5.309	565.670	500.000	13.1
Aroclor-1260-1	6.219	6.138	6.338	488.890	500.000	-2.2
Aroclor-1260-2	6.407	6.326	6.526	494.720	500.000	-1.1
Aroclor-1260-3	6.559	6.478	6.678	504.050	500.000	0.8
Aroclor-1260-4	7.029	6.948	7.148	478.790	500.000	-4.2
Aroclor-1260-5	7.271	7.190	7.390	479.190	500.000	-4.2
Decachlorobiphenyl	8.648	8.568	8.768	48.120	50.000	-3.8
Tetrachloro-m-xylene	3.666	3.584	3.784	56.670	50.000	13.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 15:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 09:27:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.666	576.0E6	361.0E6	58.210	56.665
2)	SA Decachlor...	8.701	8.648	335.5E6	82927629	49.069	48.117
	Target Compounds						
3)	L1 AR-1016-1	4.760	4.741	186.2E6	121.6E6	547.312	545.850m
4)	L1 AR-1016-2	4.778	4.760	278.4E6	173.9E6	559.846	528.328m
5)	L1 AR-1016-3	4.835	4.936	175.3E6	90688807	541.660	533.882
6)	L1 AR-1016-4	4.956	4.978	141.7E6	71560027	551.769	521.470
7)	L1 AR-1016-5	5.213	5.190	153.1E6	97550353	559.419	565.672
31)	L7 AR-1260-1	6.250	6.219	247.9E6	137.2E6	494.594	488.889
32)	L7 AR-1260-2	6.439	6.407	362.4E6	168.2E6	490.915	494.724
33)	L7 AR-1260-3	6.805	6.559	328.7E6	138.9E6	501.476	504.051m
34)	L7 AR-1260-4	7.064	7.029	221.9E6	96067405	509.889	478.793m
35)	L7 AR-1260-5	7.307	7.271	623.0E6	214.5E6	493.434	479.193

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 15:32
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

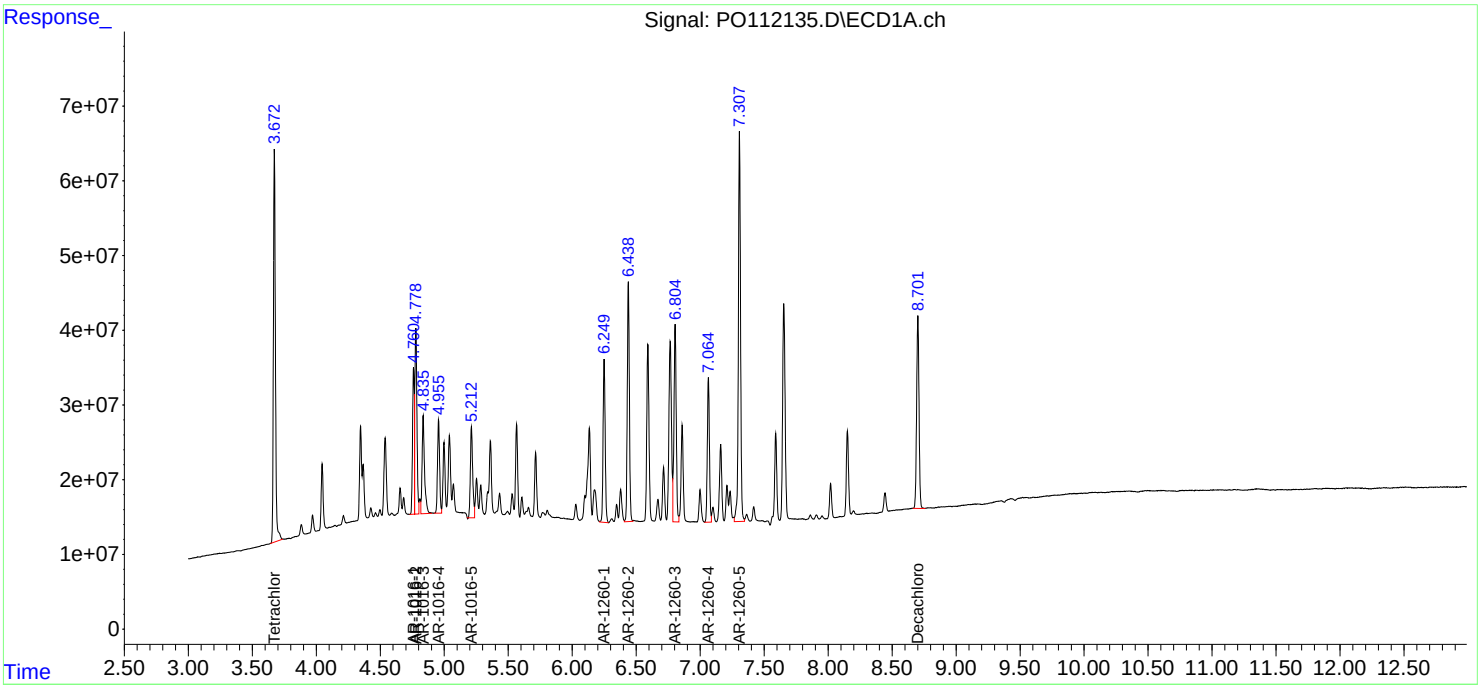
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

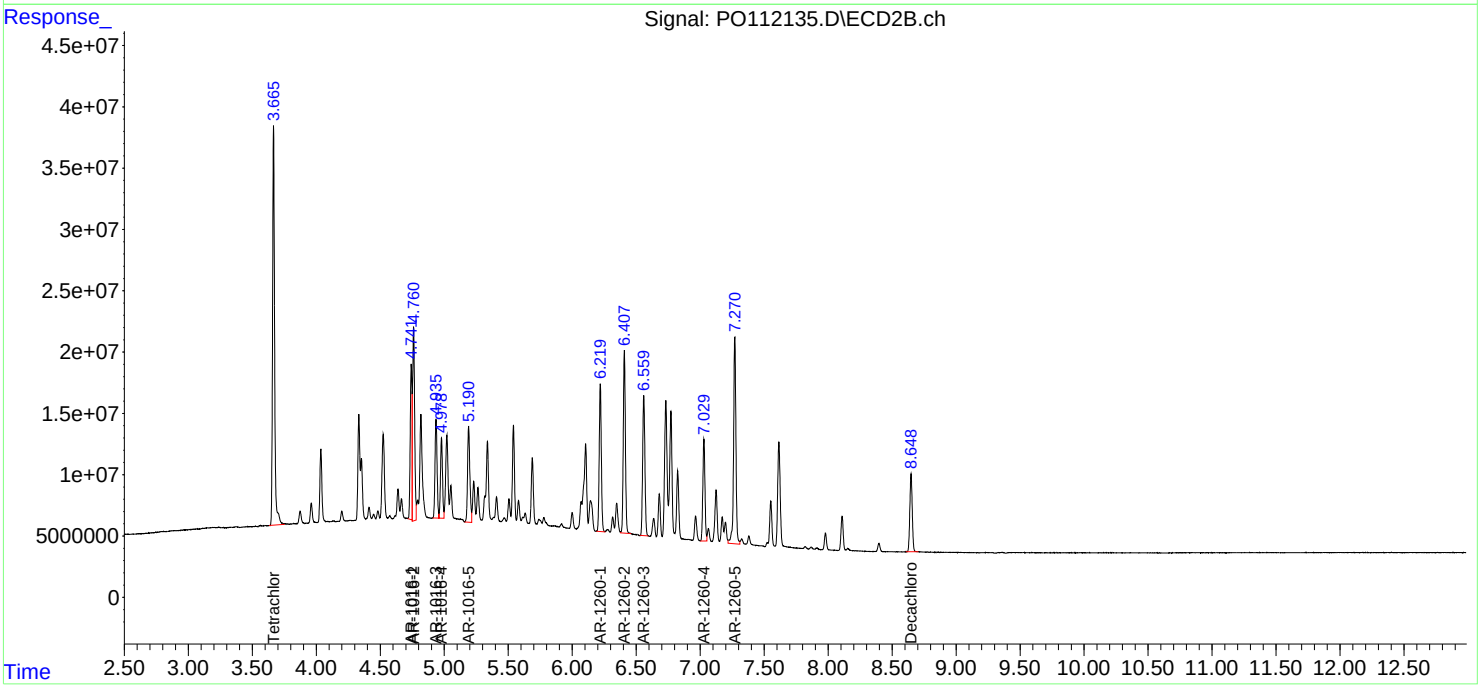
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 09:27:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





Raw Data: **PO112150.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 21:13 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

Raw Data: **PO112150.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 21:13 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.94	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.02
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.67	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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.:** Q2529

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112150.D **Time Analyzed:** 21:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.758	4.661	4.861	468.690	500.000	-6.3
Aroclor-1016-2	4.777	4.680	4.880	470.810	500.000	-5.8
Aroclor-1016-3	4.833	4.736	4.936	465.050	500.000	-7.0
Aroclor-1016-4	4.953	4.856	5.056	477.440	500.000	-4.5
Aroclor-1016-5	5.209	5.113	5.313	456.730	500.000	-8.7
Aroclor-1260-1	6.248	6.151	6.351	481.940	500.000	-3.6
Aroclor-1260-2	6.437	6.341	6.541	479.060	500.000	-4.2
Aroclor-1260-3	6.804	6.707	6.907	443.870	500.000	-11.2
Aroclor-1260-4	7.063	6.967	7.167	485.650	500.000	-2.9
Aroclor-1260-5	7.306	7.209	7.409	480.500	500.000	-3.9
Decachlorobiphenyl	8.699	8.603	8.803	49.530	50.000	-0.9
Tetrachloro-m-xylene	3.671	3.573	3.773	47.450	50.000	-5.1

Raw Data: **PO112150.D**

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.:** Q2529

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112150.D **Time Analyzed:** 21:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.741	4.661	4.861	443.040	500.000	-11.4
Aroclor-1016-2	4.759	4.679	4.879	423.560	500.000	-15.3
Aroclor-1016-3	4.935	4.854	5.054	450.350	500.000	-9.9
Aroclor-1016-4	4.977	4.897	5.097	437.130	500.000	-12.6
Aroclor-1016-5	5.189	5.109	5.309	499.940	500.000	0.0
Aroclor-1260-1	6.218	6.138	6.338	453.540	500.000	-9.3
Aroclor-1260-2	6.407	6.326	6.526	463.840	500.000	-7.2
Aroclor-1260-3	6.558	6.478	6.678	467.640	500.000	-6.5
Aroclor-1260-4	7.028	6.948	7.148	454.270	500.000	-9.1
Aroclor-1260-5	7.270	7.190	7.390	463.030	500.000	-7.4
Decachlorobiphenyl	8.647	8.568	8.768	47.890	50.000	-4.2
Tetrachloro-m-xylene	3.666	3.584	3.784	45.880	50.000	-8.2

Sample Results: **PO112150.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 21:13
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.666	469.5E6	292.3E6	47.449	45.883
2)	SA Decachlor...	8.699	8.647	338.6E6	82531895	49.528	47.887
	Target Compounds						
3)	L1 AR-1016-1	4.758	4.741	159.4E6	98725303	468.691	443.043m
4)	L1 AR-1016-2	4.777	4.759	234.1E6	139.4E6	470.813	423.556m
5)	L1 AR-1016-3	4.833	4.935	150.5E6	76500112	465.050	450.353
6)	L1 AR-1016-4	4.953	4.977	122.6E6	59985714	477.439	437.126
7)	L1 AR-1016-5	5.209	5.189	125.0E6	86214599	456.735m	499.939
31)	L7 AR-1260-1	6.248	6.218	241.6E6	127.2E6	481.935	453.542
32)	L7 AR-1260-2	6.437	6.407	353.6E6	157.7E6	479.061	463.839
33)	L7 AR-1260-3	6.804	6.558	290.9E6	128.9E6	443.866	467.637m
34)	L7 AR-1260-4	7.063	7.028	211.4E6	91147489	485.647	454.272m
35)	L7 AR-1260-5	7.306	7.270	606.7E6	207.3E6	480.503	463.035

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 21:13
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

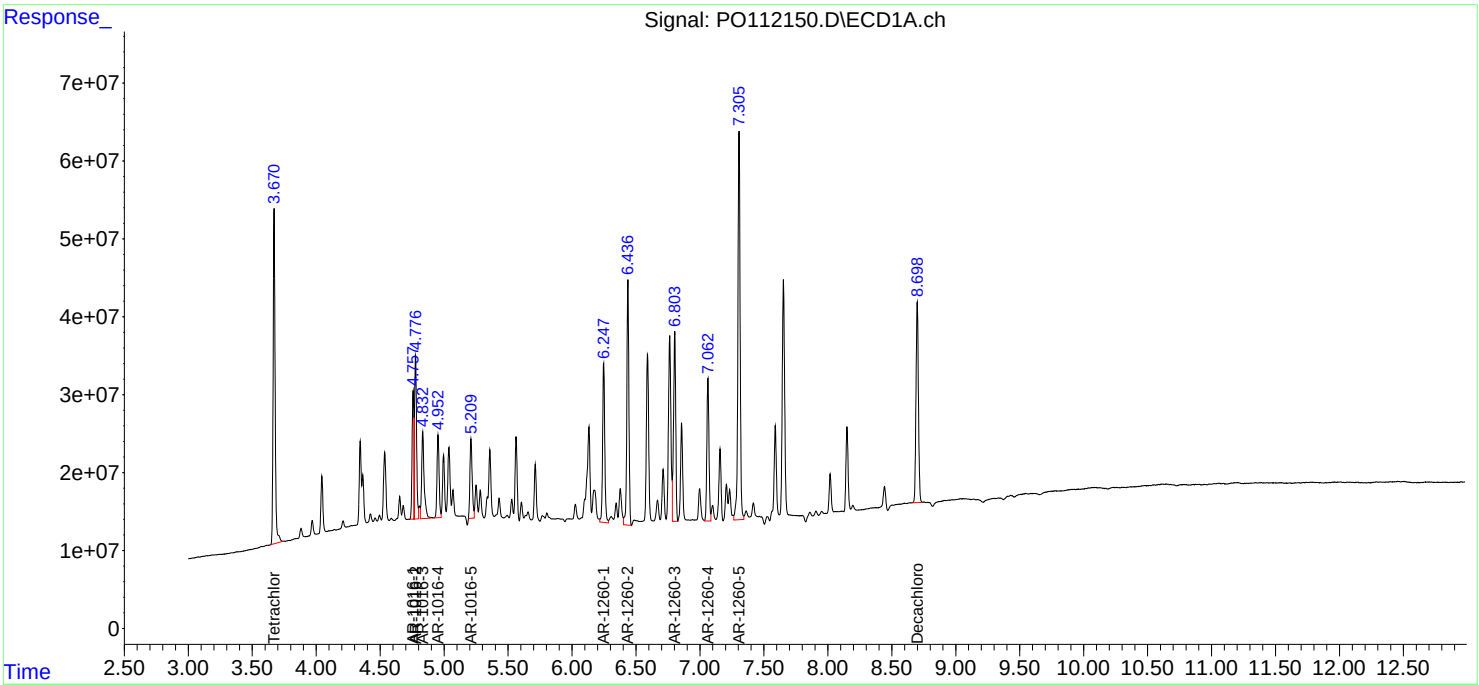
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

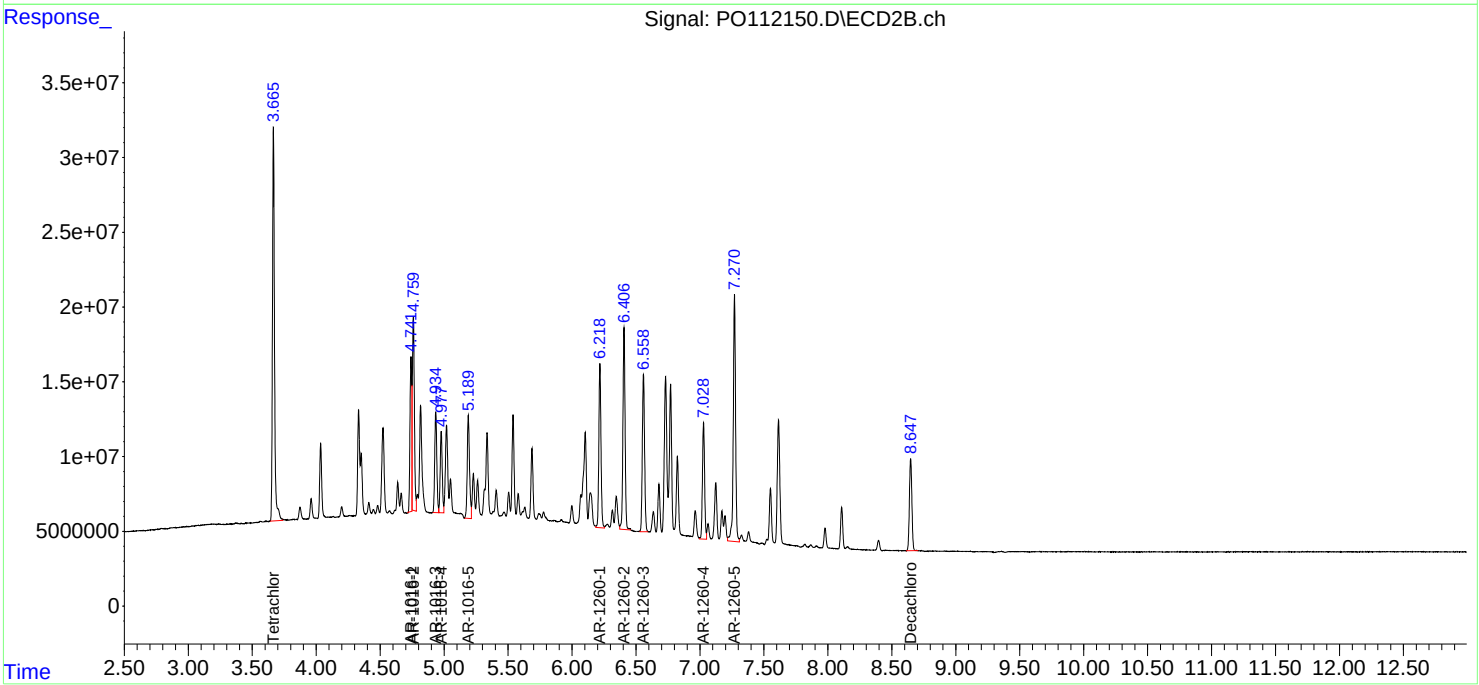
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





Raw Data: **PO112165.D**

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.:** Q2529

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 03:11 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
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	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
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	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

Raw Data: **PO112165.D**

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.:** Q2529

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 03:11 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.94	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.02
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.67	3.68	3.58	3.78	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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.:** Q2529

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112165.D **Time Analyzed:** 03:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.760	4.661	4.861	481.070	500.000	-3.8
Aroclor-1016-2	4.779	4.680	4.880	492.650	500.000	-1.5
Aroclor-1016-3	4.836	4.736	4.936	477.450	500.000	-4.5
Aroclor-1016-4	4.955	4.856	5.056	483.930	500.000	-3.2
Aroclor-1016-5	5.212	5.113	5.313	451.060	500.000	-9.8
Aroclor-1260-1	6.250	6.151	6.351	437.900	500.000	-12.4
Aroclor-1260-2	6.440	6.341	6.541	447.270	500.000	-10.5
Aroclor-1260-3	6.806	6.707	6.907	442.910	500.000	-11.4
Aroclor-1260-4	7.067	6.967	7.167	465.480	500.000	-6.9
Aroclor-1260-5	7.309	7.209	7.409	447.400	500.000	-10.5
Decachlorobiphenyl	8.703	8.603	8.803	46.070	50.000	-7.9
Tetrachloro-m-xylene	3.673	3.573	3.773	50.290	50.000	0.6

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.:** Q2529

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112165.D **Time Analyzed:** 03:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.741	4.661	4.861	479.680	500.000	-4.1
Aroclor-1016-2	4.761	4.679	4.879	429.670	500.000	-14.1
Aroclor-1016-3	4.935	4.854	5.054	457.340	500.000	-8.5
Aroclor-1016-4	4.978	4.897	5.097	436.680	500.000	-12.7
Aroclor-1016-5	5.191	5.109	5.309	523.480	500.000	4.7
Aroclor-1260-1	6.220	6.138	6.338	450.870	500.000	-9.8
Aroclor-1260-2	6.408	6.326	6.526	451.460	500.000	-9.7
Aroclor-1260-3	6.559	6.478	6.678	455.420	500.000	-8.9
Aroclor-1260-4	7.029	6.948	7.148	443.960	500.000	-11.2
Aroclor-1260-5	7.271	7.190	7.390	446.370	500.000	-10.7
Decachlorobiphenyl	8.649	8.568	8.768	46.990	50.000	-6.0
Tetrachloro-m-xylene	3.666	3.584	3.784	47.770	50.000	-4.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 03:11
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 03:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.666	497.6E6	304.3E6	50.286	47.765
2)	SA Decachlor...	8.703	8.649	315.0E6	80985833	46.073	46.990
	Target Compounds						
3)	L1 AR-1016-1	4.760	4.741	163.6E6	106.9E6	481.066	479.681m
4)	L1 AR-1016-2	4.779	4.761	245.0E6	141.4E6	492.654	429.666m
5)	L1 AR-1016-3	4.836	4.935	154.6E6	77686983	477.449	457.340
6)	L1 AR-1016-4	4.955	4.978	124.3E6	59925022	483.933	436.684
7)	L1 AR-1016-5	5.212	5.191	123.4E6	90273634	451.062m	523.476
31)	L7 AR-1260-1	6.250	6.220	219.5E6	126.5E6	437.902	450.874
32)	L7 AR-1260-2	6.440	6.408	330.1E6	153.5E6	447.270	451.464
33)	L7 AR-1260-3	6.806	6.559	290.3E6	125.5E6	442.909	455.424m
34)	L7 AR-1260-4	7.067	7.029	202.6E6	89077987	465.479	443.958m
35)	L7 AR-1260-5	7.309	7.271	564.9E6	199.9E6	447.403	446.366

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 03:11
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

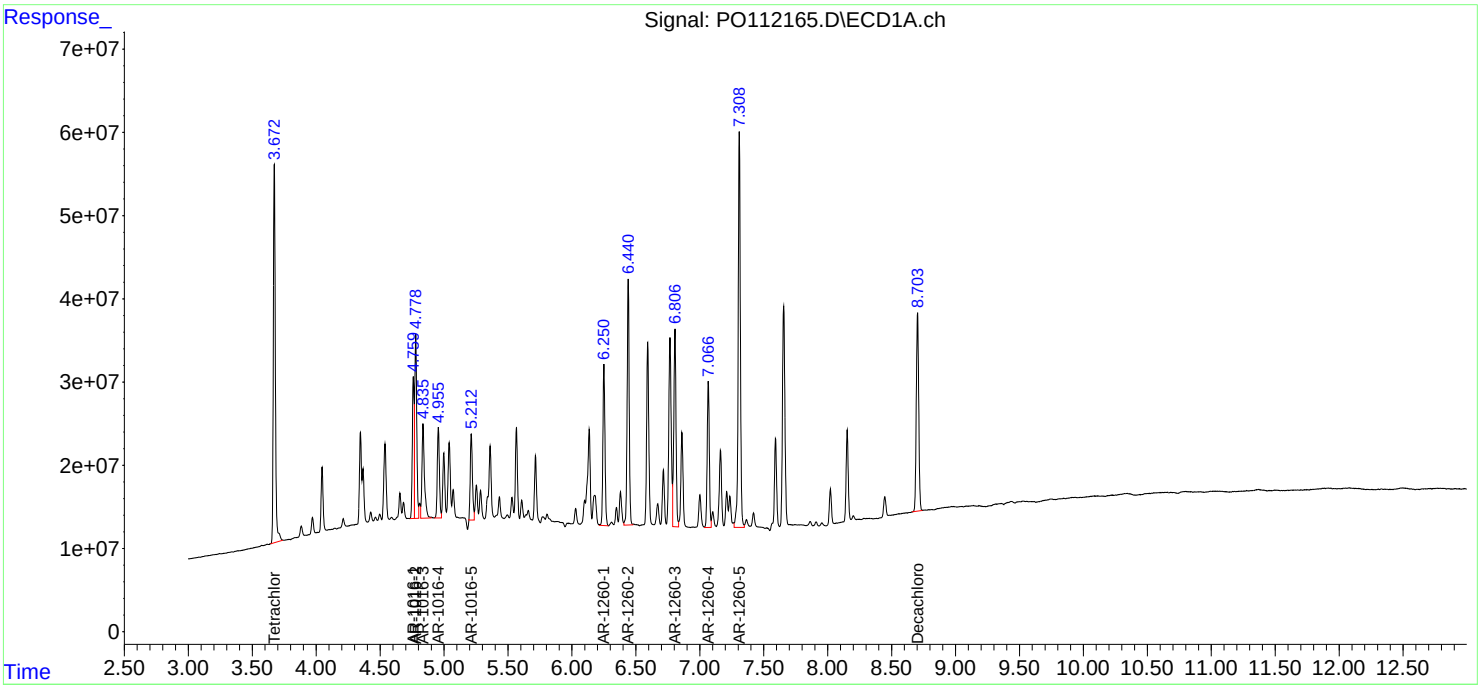
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

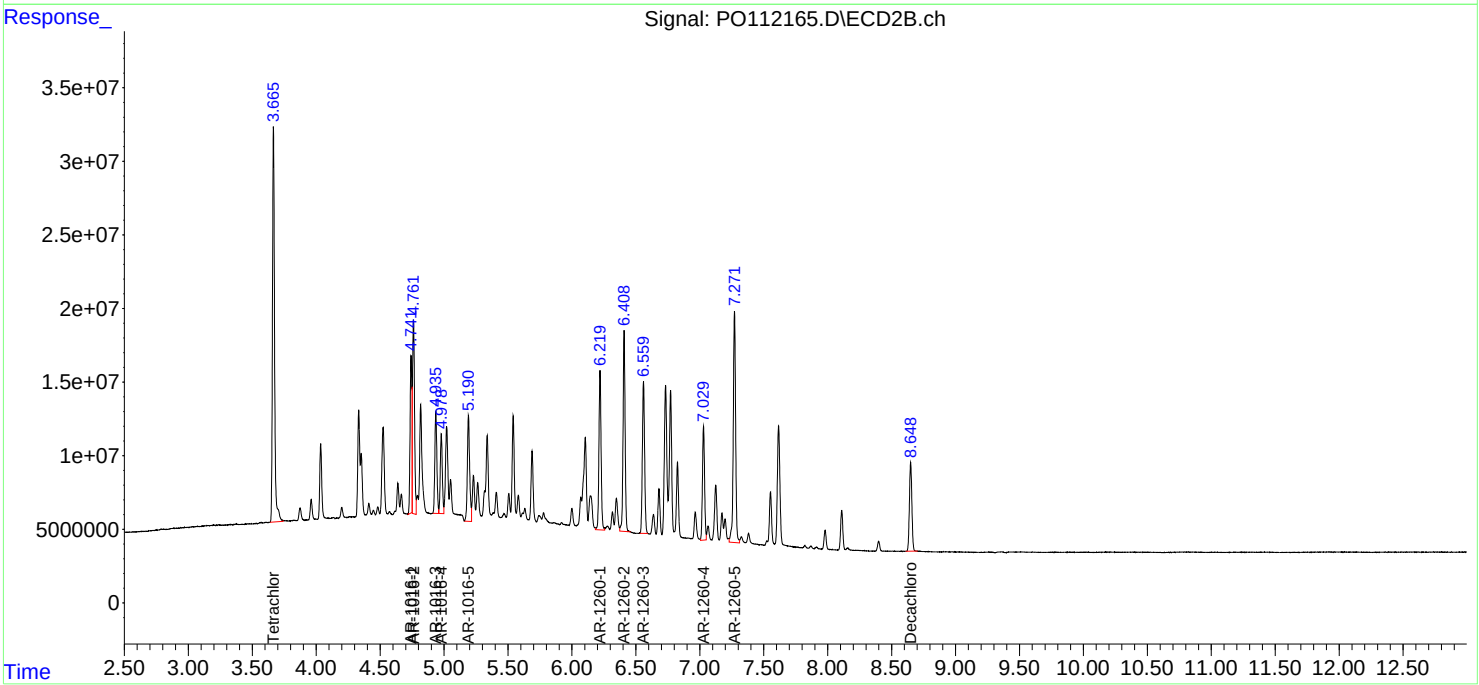
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 03:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





Raw Data: **PP073640.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 15:20 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.07	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.18	10.08	10.28	0.00

Raw Data: **PP073640.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 15:20 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
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)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	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	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	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.:** Q2529

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073640.D **Time Analyzed:** 15:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.639	5.539	5.739	424.810	500.000	-15.0
Aroclor-1016-2	5.660	5.560	5.760	436.050	500.000	-12.8
Aroclor-1016-3	5.722	5.622	5.822	438.140	500.000	-12.4
Aroclor-1016-4	5.820	5.720	5.920	445.700	500.000	-10.9
Aroclor-1016-5	6.112	6.012	6.212	452.970	500.000	-9.4
Aroclor-1260-1	7.229	7.129	7.329	416.990	500.000	-16.6
Aroclor-1260-2	7.481	7.383	7.583	367.360	500.000	-26.5
Aroclor-1260-3	7.840	7.740	7.940	402.830	500.000	-19.4
Aroclor-1260-4	8.065	7.964	8.164	408.010	500.000	-18.4
Aroclor-1260-5	8.382	8.283	8.483	414.130	500.000	-17.2
Decachlorobiphenyl	10.179	10.076	10.276	42.740	50.000	-14.5
Tetrachloro-m-xylene	4.488	4.388	4.588	45.900	50.000	-8.2

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.:** Q2529

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073640.D **Time Analyzed:** 15:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.858	4.758	4.958	457.520	500.000	-8.5
Aroclor-1016-2	4.876	4.775	4.975	453.260	500.000	-9.3
Aroclor-1016-3	5.053	4.951	5.151	458.820	500.000	-8.2
Aroclor-1016-4	5.094	4.993	5.193	454.810	500.000	-9.0
Aroclor-1016-5	5.308	5.207	5.407	472.620	500.000	-5.5
Aroclor-1260-1	6.338	6.237	6.437	443.640	500.000	-11.3
Aroclor-1260-2	6.526	6.425	6.625	435.900	500.000	-12.8
Aroclor-1260-3	6.678	6.577	6.777	428.880	500.000	-14.2
Aroclor-1260-4	7.148	7.046	7.246	447.130	500.000	-10.6
Aroclor-1260-5	7.391	7.289	7.489	432.670	500.000	-13.5
Decachlorobiphenyl	8.782	8.680	8.880	47.820	50.000	-4.4
Tetrachloro-m-xylene	3.781	3.678	3.878	46.430	50.000	-7.1

Sample Results: **PP073640.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073640.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 15:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:55:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.488	3.781	62858965	85544111	45.898	46.434
2)	SA Decachlor...	10.179	8.782	46632090	63270650	42.740	47.818
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.858	20184370	31191042	424.813	457.516
4)	L1 AR-1016-2	5.660	4.876	31053547	46180543	436.054	453.264
5)	L1 AR-1016-3	5.722	5.053	19130586	24824990	438.141	458.819
6)	L1 AR-1016-4	5.820	5.094	16020846	19957498	445.697	454.811
7)	L1 AR-1016-5	6.112	5.308	14191614	25796571	452.966	472.616
31)	L7 AR-1260-1	7.229	6.338	24586063	43281599	416.987	443.639
32)	L7 AR-1260-2	7.481	6.526	35208198	53545247	367.365m	435.903
33)	L7 AR-1260-3	7.840	6.678	29434942	46946888	402.829	428.880
34)	L7 AR-1260-4	8.065	7.148	26643162	39977122	408.012	447.129
35)	L7 AR-1260-5	8.382	7.391	62473044	97236627	414.133	432.669

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073640.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 15:20
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

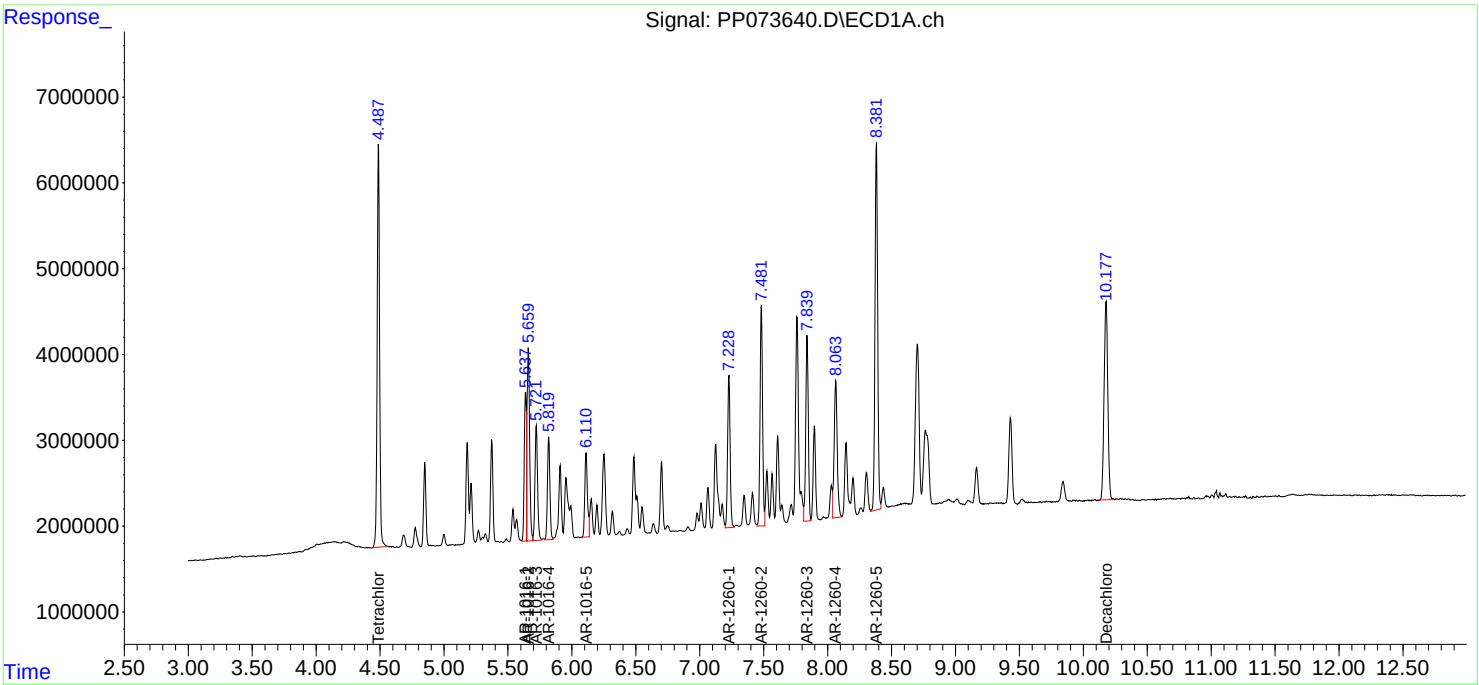
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

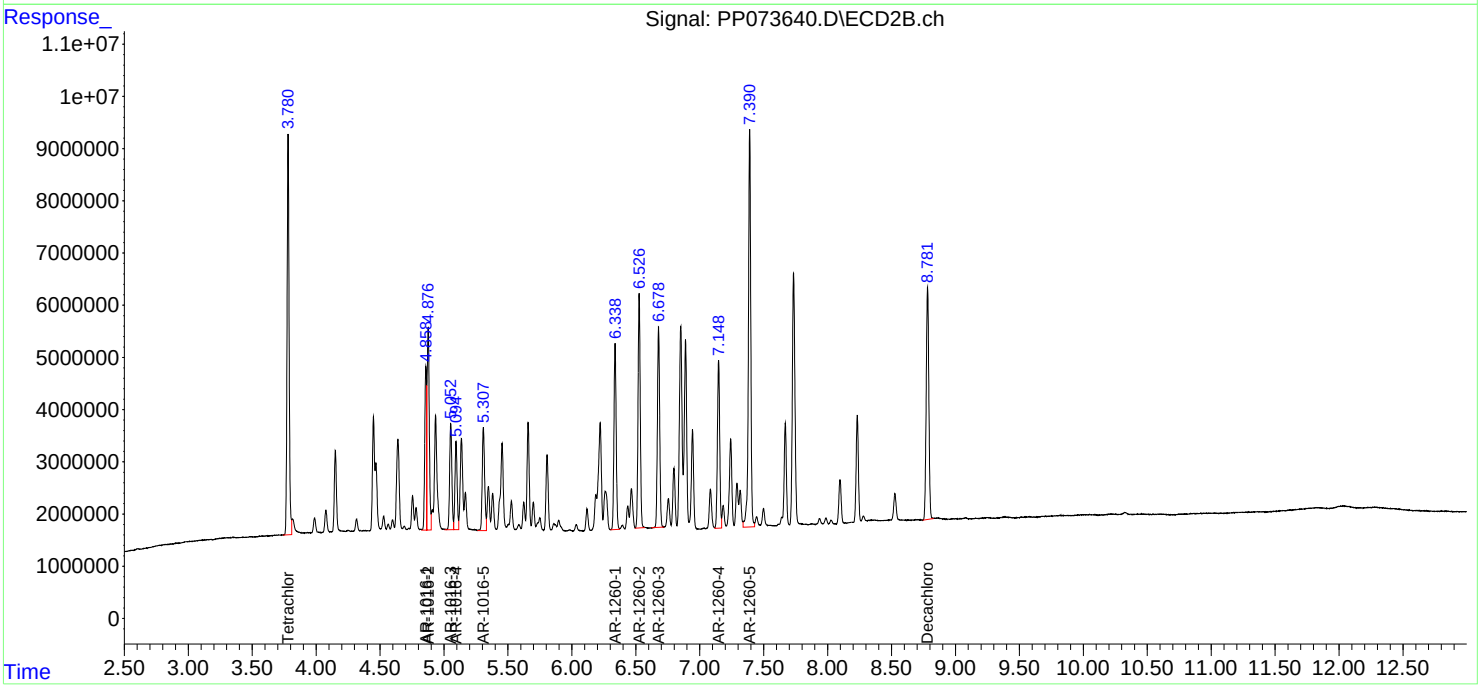
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:55:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





Raw Data: **PP073655.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 20:17 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.18	10.08	10.28	0.00

Raw Data: **PP073655.D**

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.:** Q2529

Continuing Calib Date: 07/09/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 20:17 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
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)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	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	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q2529

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073655.D **Time Analyzed:** 20:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.639	5.539	5.739	486.000	500.000	-2.8
Aroclor-1016-2	5.660	5.560	5.760	498.610	500.000	-0.3
Aroclor-1016-3	5.723	5.622	5.822	497.930	500.000	-0.4
Aroclor-1016-4	5.820	5.720	5.920	509.260	500.000	1.9
Aroclor-1016-5	6.112	6.012	6.212	526.740	500.000	5.3
Aroclor-1260-1	7.229	7.129	7.329	501.500	500.000	0.3
Aroclor-1260-2	7.483	7.383	7.583	435.920	500.000	-12.8
Aroclor-1260-3	7.840	7.740	7.940	493.130	500.000	-1.4
Aroclor-1260-4	8.064	7.964	8.164	514.920	500.000	3.0
Aroclor-1260-5	8.382	8.283	8.483	507.030	500.000	1.4
Decachlorobiphenyl	10.177	10.076	10.276	55.510	50.000	11.0
Tetrachloro-m-xylene	4.488	4.388	4.588	51.800	50.000	3.6

Raw Data: **PP073655.D**

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.:** Q2529

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/09/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073655.D **Time Analyzed:** 20:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.857	4.758	4.958	510.430	500.000	2.1
Aroclor-1016-2	4.875	4.775	4.975	511.730	500.000	2.3
Aroclor-1016-3	5.052	4.951	5.151	520.490	500.000	4.1
Aroclor-1016-4	5.093	4.993	5.193	519.190	500.000	3.8
Aroclor-1016-5	5.307	5.207	5.407	532.590	500.000	6.5
Aroclor-1260-1	6.337	6.237	6.437	501.490	500.000	0.3
Aroclor-1260-2	6.525	6.425	6.625	496.300	500.000	-0.7
Aroclor-1260-3	6.677	6.577	6.777	495.780	500.000	-0.8
Aroclor-1260-4	7.147	7.046	7.246	519.020	500.000	3.8
Aroclor-1260-5	7.389	7.289	7.489	521.930	500.000	4.4
Decachlorobiphenyl	8.780	8.680	8.880	56.570	50.000	13.1
Tetrachloro-m-xylene	3.779	3.678	3.878	50.850	50.000	1.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 20:17
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:59:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.488	3.779	70935573	93673831	51.796	50.846
2)	SA Decachlor...	10.177	8.780	60560291	74856521	55.506	56.575
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.857	23091593	34798501	486.000	510.431
4)	L1 AR-1016-2	5.660	4.875	35508362	52137720	498.609	511.734
5)	L1 AR-1016-3	5.723	5.052	21740990	28161598	497.926	520.486
6)	L1 AR-1016-4	5.820	5.093	18305803	22782487	509.264	519.190
7)	L1 AR-1016-5	6.112	5.307	16502991	29069991	526.740	532.588
31)	L7 AR-1260-1	7.229	6.337	29568821	48925072	501.496	501.485
32)	L7 AR-1260-2	7.483	6.525	41778493	60964289	435.920	496.300
33)	L7 AR-1260-3	7.840	6.677	36033414	54269494	493.131	495.776
34)	L7 AR-1260-4	8.064	7.147	33624137	46404704	514.919	519.019
35)	L7 AR-1260-5	8.382	7.389	76486227	117.3E6	507.026	521.925

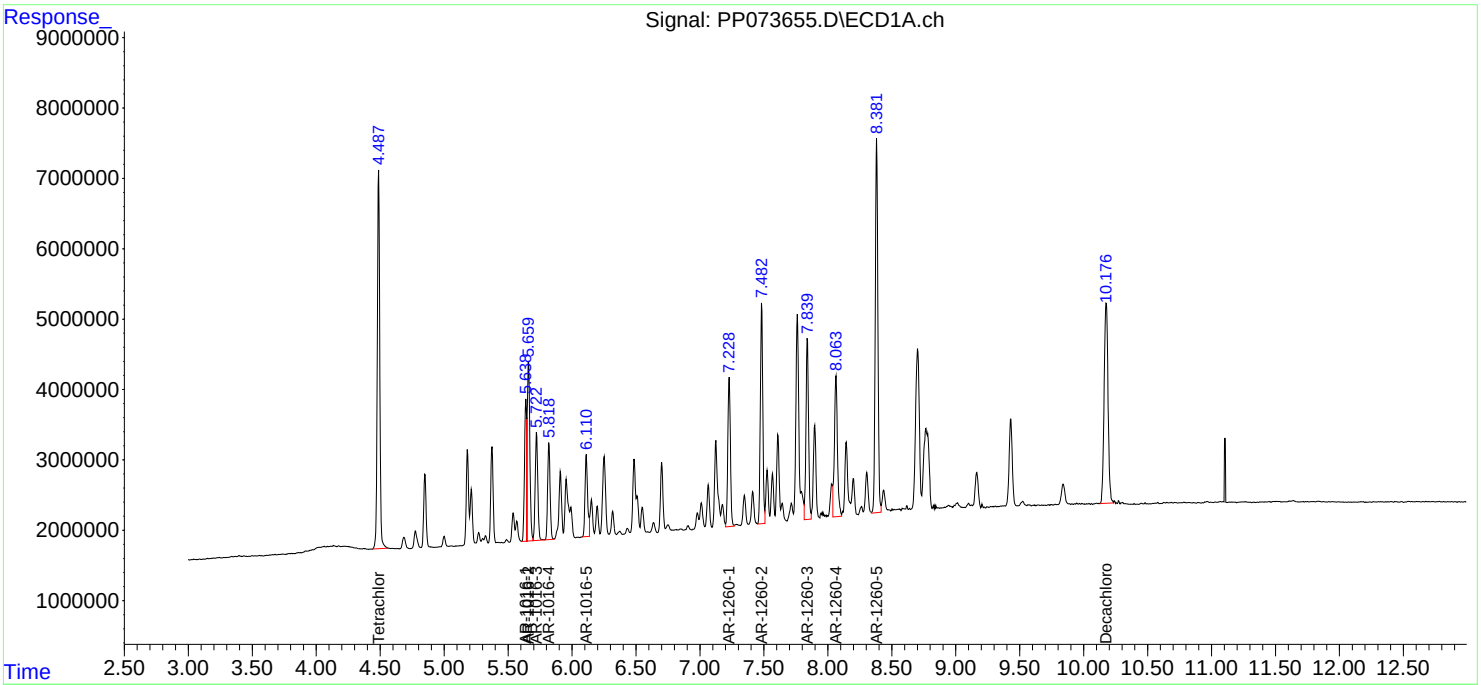
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

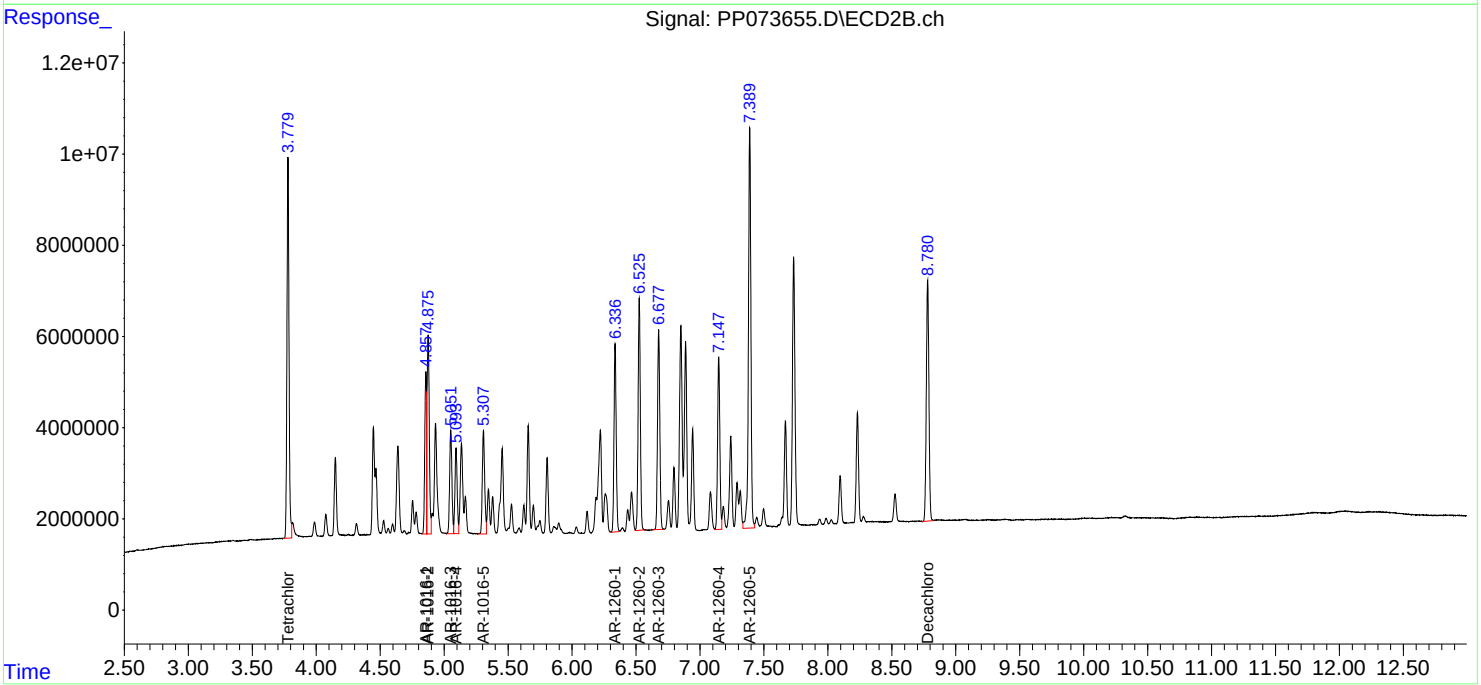
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 20:17
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:59:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





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Fax : 908 789 8922

Analytical Sequence

Client: CDM Smith **SDG No.:** Q2529

Project: South River WM Replacement **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/08/2025 07/08/2025

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 #
I.BLK	I.BLK	07/08/2025	13:49	PO112087.D	8.70	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.70	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.70	3.67
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.70	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.70	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.70	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.70	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.70	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.70	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.70	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.70	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.70	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.70	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.70	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.70	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.70	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.70	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.70	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.70	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.70	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/09/2025	15:32	PO112135.D	8.70	3.67
I.BLK	I.BLK	07/09/2025	17:05	PO112139.D	8.70	3.67
TP-91	Q2529-01	07/09/2025	18:17	PO112143.D	8.70	3.67
TP-80	Q2529-02	07/09/2025	18:34	PO112144.D	8.70	3.67
TP-79	Q2529-03	07/09/2025	18:52	PO112145.D	8.70	3.67
TP-95	Q2529-04	07/09/2025	19:09	PO112146.D	8.70	3.67
TP-98	Q2529-05	07/09/2025	19:27	PO112147.D	8.70	3.67
TP-102	Q2529-06	07/09/2025	19:45	PO112148.D	8.70	3.67
TP-101	Q2529-07	07/09/2025	20:02	PO112149.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/09/2025	21:13	PO112150.D	8.70	3.67
I.BLK	I.BLK	07/09/2025	22:57	PO112154.D	8.70	3.67
TP-89	Q2529-08	07/09/2025	23:15	PO112155.D	8.70	3.67
TP-33	Q2529-09	07/09/2025	23:33	PO112156.D	8.70	3.67

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Analytical Sequence

TP-30	Q2529-10	07/09/2025	23:52	PO112157.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	03:11	PO112165.D	8.70	3.67
I.BLK	I.BLK	07/10/2025	04:42	PO112169.D	8.70	3.67
I.BLK	I.BLK	07/07/2025	20:30	PP073553.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	10.18	4.49
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	10.18	4.49
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	10.17	4.49
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	10.18	4.49
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	10.17	4.49
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	10.17	4.49
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	10.18	4.49
AR1248ICCC750	AR1248ICCC750	07/08/2025	00:35	PP073567.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	10.17	4.49
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	10.18	4.49
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	10.17	4.49
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	10.17	4.49
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	10.17	4.49
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/09/2025	15:20	PP073640.D	10.18	4.49
I.BLK	I.BLK	07/09/2025	16:26	PP073644.D	10.18	4.49
PB168764BL	PB168764BL	07/09/2025	16:42	PP073645.D	10.18	4.49
PB168764BS	PB168764BS	07/09/2025	16:59	PP073646.D	10.18	4.49
TP-14MS	Q2517-01MS	07/09/2025	17:31	PP073648.D	10.18	4.49
TP-14MSD	Q2517-01MSD	07/09/2025	17:48	PP073649.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/09/2025	20:17	PP073655.D	10.18	4.49
I.BLK	I.BLK	07/09/2025	22:11	PP073659.D	10.18	4.49

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Analytical Sequence

Client: CDM Smith **SDG No.:** Q2529

Project: South River WM Replacement **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/08/2025 07/08/2025

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 #
I.BLK	I.BLK	07/08/2025	13:49	PO112087.D	8.65	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.65	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.65	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.67	3.68
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.65	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.65	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.65	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.65	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.65	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.65	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.65	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.65	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.65	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.65	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.65	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.65	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.65	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.65	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.65	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.65	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.65	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.65	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.65	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.65	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.65	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.65	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.65	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.65	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/09/2025	15:32	PO112135.D	8.65	3.67
I.BLK	I.BLK	07/09/2025	17:05	PO112139.D	8.65	3.67
TP-91	Q2529-01	07/09/2025	18:17	PO112143.D	8.65	3.67
TP-80	Q2529-02	07/09/2025	18:34	PO112144.D	8.65	3.67
TP-79	Q2529-03	07/09/2025	18:52	PO112145.D	8.65	3.67
TP-95	Q2529-04	07/09/2025	19:09	PO112146.D	8.65	3.67
TP-98	Q2529-05	07/09/2025	19:27	PO112147.D	8.65	3.67
TP-102	Q2529-06	07/09/2025	19:45	PO112148.D	8.65	3.67
TP-101	Q2529-07	07/09/2025	20:02	PO112149.D	8.65	3.66
AR1660CCC500	AR1660CCC500	07/09/2025	21:13	PO112150.D	8.65	3.67
I.BLK	I.BLK	07/09/2025	22:57	PO112154.D	8.65	3.67
TP-89	Q2529-08	07/09/2025	23:15	PO112155.D	8.65	3.67
TP-33	Q2529-09	07/09/2025	23:33	PO112156.D	8.65	3.67

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Analytical Sequence

TP-30	Q2529-10	07/09/2025	23:52	PO112157.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	03:11	PO112165.D	8.65	3.67
I.BLK	I.BLK	07/10/2025	04:42	PO112169.D	8.65	3.67
I.BLK	I.BLK	07/07/2025	20:30	PP073553.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	8.78	3.78
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	8.78	3.78
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	8.78	3.78
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	8.78	3.78
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	8.78	3.78
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	8.78	3.78
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	8.78	3.78
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	8.78	3.78
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	8.78	3.78
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	8.78	3.78
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	8.78	3.78
AR1248ICCC750	AR1248ICCC750	07/08/2025	00:35	PP073567.D	8.78	3.78
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	8.78	3.78
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	8.78	3.78
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	8.78	3.78
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	8.78	3.78
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	8.78	3.78
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	8.78	3.78
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	8.78	3.78
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	8.78	3.78
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	8.78	3.78
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	8.78	3.78
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	8.78	3.78
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	8.78	3.78
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/09/2025	15:20	PP073640.D	8.78	3.78
I.BLK	I.BLK	07/09/2025	16:26	PP073644.D	8.78	3.78
PB168764BL	PB168764BL	07/09/2025	16:42	PP073645.D	8.78	3.78
PB168764BS	PB168764BS	07/09/2025	16:59	PP073646.D	8.78	3.78
TP-14MS	Q2517-01MS	07/09/2025	17:31	PP073648.D	8.78	3.78
TP-14MSD	Q2517-01MSD	07/09/2025	17:48	PP073649.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/09/2025	20:17	PP073655.D	8.78	3.78
I.BLK	I.BLK	07/09/2025	22:11	PP073659.D	8.78	3.78

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168764BS

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q2529

Lab Sample ID: PB168764BS Date(s) Analyzed: 07/09/2025 07/09/2025

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

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

Data file PP073646.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.638	5.588	5.688	148		
	2	5.66	5.61	5.71	152		
	3	5.721	5.671	5.771	150		
COLUMN 1	4	5.819	5.769	5.869	154		
	5	6.111	6.061	6.161	153	151	
	1	4.859	4.809	4.909	153		
	2	4.876	4.826	4.926	154		
	3	5.052	5.002	5.102	157		
	4	5.095	5.045	5.145	153		
COLUMN 2	5	5.308	5.258	5.358	157	155	2.61
Aroclor-1260	1	7.228	7.178	7.278	155		
	2	7.481	7.431	7.531	138		
	3	7.84	7.79	7.89	127		
COLUMN 1	4	8.063	8.013	8.113	140		
	5	8.381	8.331	8.431	135	139	
	1	6.337	6.287	6.387	161		
	2	6.526	6.476	6.576	151		
	3	6.678	6.628	6.728	158		
	4	7.147	7.097	7.197	143		
COLUMN 2	5	7.39	7.34	7.44	141	151	8.28

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: TP-14MS

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q2529
Lab Sample ID: Q2517-01MS
Date(s) Analyzed: 07/09/2025 07/09/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file: PP073648.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.64	5.59	5.69	169		
	2	5.661	5.611	5.711	173		
	3	5.723	5.673	5.773	171		
COLUMN 1	4	5.821	5.771	5.871	173		
	5	6.113	6.063	6.163	176	172	
	1	4.859	4.809	4.909	178		
	2	4.876	4.826	4.926	179		
	3	5.053	5.003	5.103	182		
	4	5.094	5.044	5.144	177		
COLUMN 2	5	5.308	5.258	5.358	184	180	4.55
Aroclor-1260	1	7.23	7.18	7.28	173		
	2	7.483	7.433	7.533	151		
	3	7.841	7.791	7.891	139		
COLUMN 1	4	8.065	8.015	8.115	158		
	5	8.383	8.333	8.433	151	154	
	1	6.338	6.288	6.388	180		
	2	6.527	6.477	6.577	174		
	3	6.678	6.628	6.728	173		
	4	7.147	7.097	7.197	156		
COLUMN 2	5	7.39	7.34	7.44	152	167	8.1

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.: TP-14MSD

Lab Name: Alliance
Contract: CAMP02
Lab Code: ACE
SDG NO.: Q2529
Lab Sample ID: Q2517-01MSD
Date(s) Analyzed: 07/09/2025 07/09/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file: PP073649.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.638	5.588	5.688	171		
	2	5.659	5.609	5.709	178		
	3	5.722	5.672	5.772	176		
COLUMN 1	4	5.819	5.769	5.869	177		
	5	6.111	6.061	6.161	178	176	
	1	4.859	4.809	4.909	178		
	2	4.876	4.826	4.926	183		
	3	5.053	5.003	5.103	184		
	4	5.095	5.045	5.145	179		
COLUMN 2	5	5.308	5.258	5.358	182	181	2.8
Aroclor-1260	1	7.228	7.178	7.278	176		
	2	7.481	7.431	7.531	152		
	3	7.839	7.789	7.889	140		
COLUMN 1	4	8.064	8.014	8.114	157		
	5	8.382	8.332	8.432	150	155	
	1	6.338	6.288	6.388	180		
	2	6.527	6.477	6.577	173		
	3	6.678	6.628	6.728	176		
	4	7.148	7.098	7.198	156		
COLUMN 2	5	7.39	7.34	7.44	153	168	8.05

QC SAMPLE DATA

Raw Data: **PP073645.D**

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

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	South River WM Replacement		Date Received:		
Client Sample ID:	PB168764BL		SDG No.:	Q2529	
Lab Sample ID:	PB168764BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073645.D	1	07/09/25 08:20	07/09/25 16:42	PB168764

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	18.5		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	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

Sample Results: **PP073645.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:42
Operator : YP\AJ
Sample : PB168764BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168764BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:56:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.489	3.780	24819756	34032096	18.123	18.473
2)	SA Decachlor...	10.177	8.781	19711701	26185432	18.067	19.790
	Target Compounds						

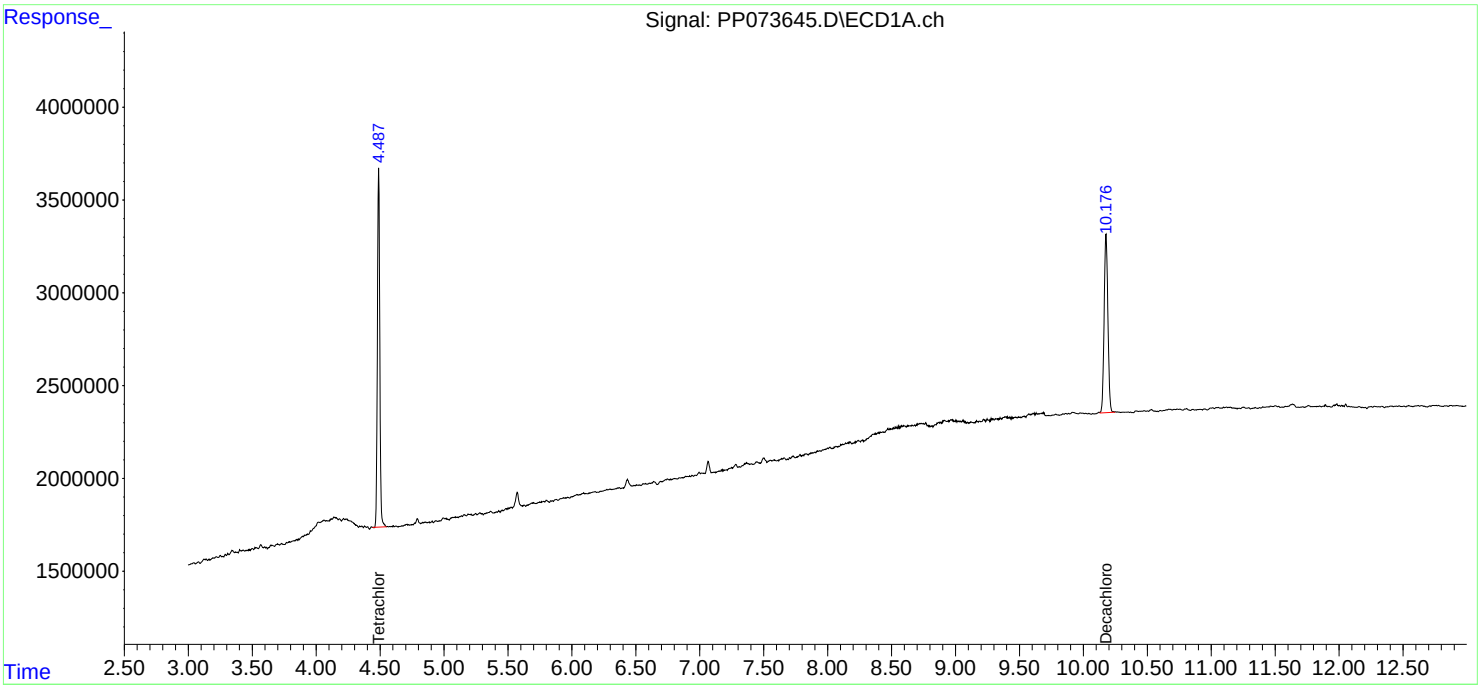
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

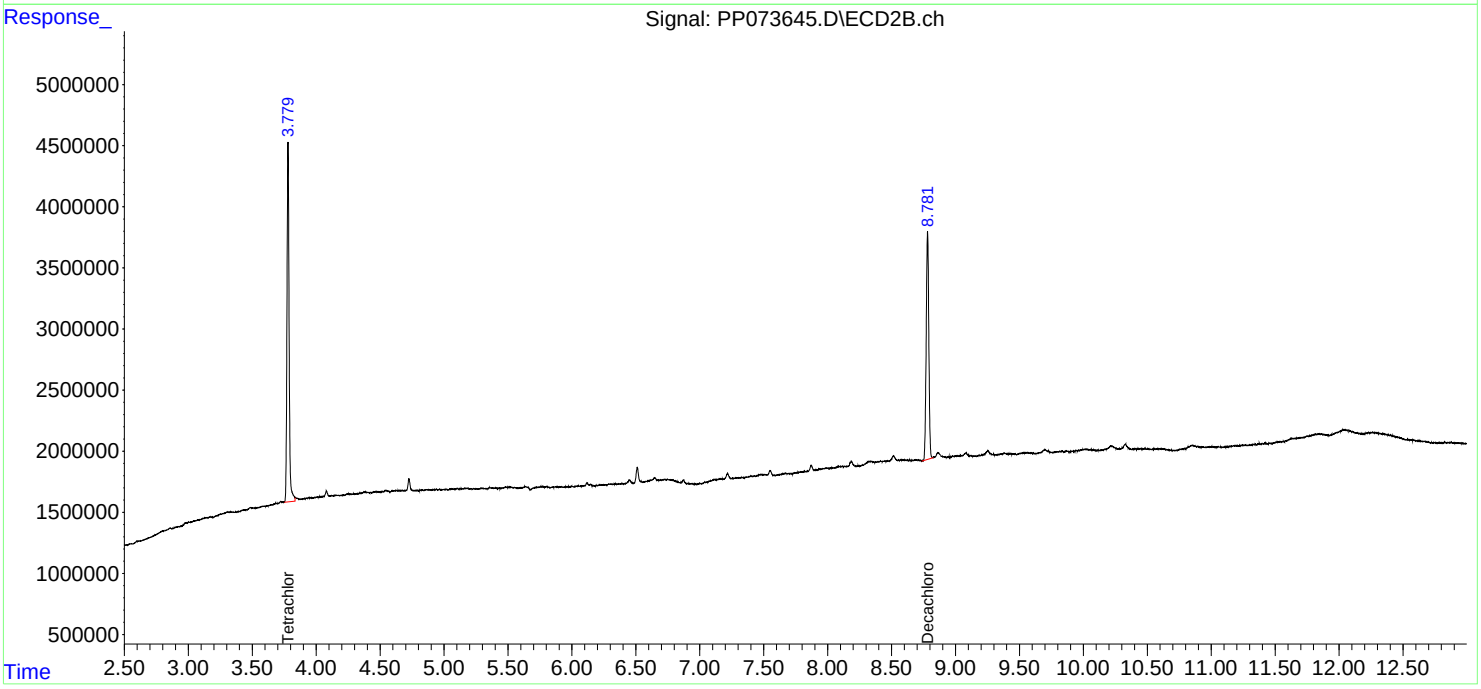
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:42
Operator : YP\AJ
Sample : PB168764BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

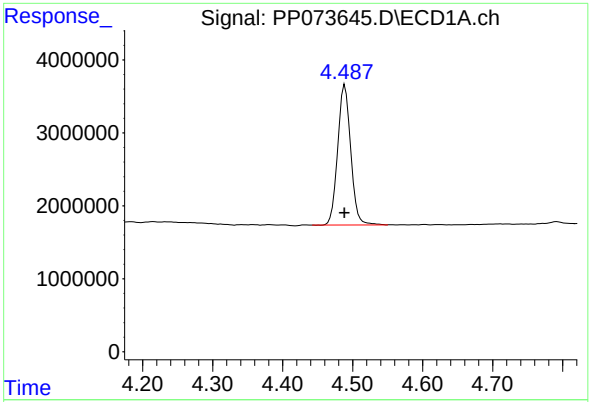
Instrument :
ECD_P
ClientSampleId :
PB168764BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:56:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



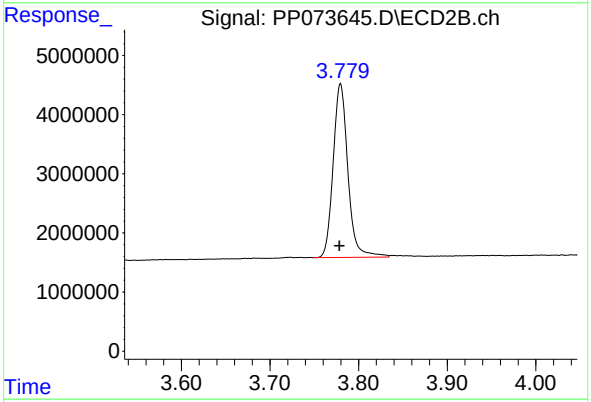




#1 Tetrachloro-m-xylene

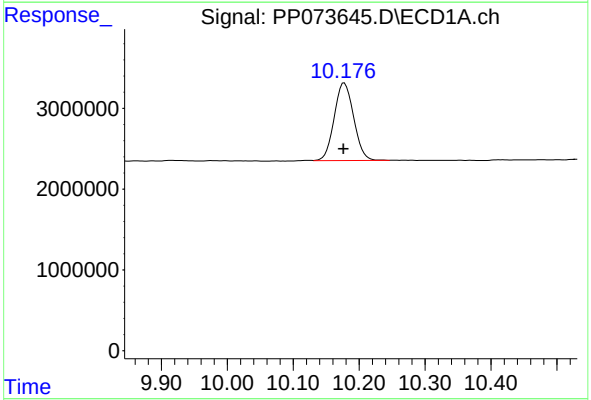
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 24819756
Conc: 18.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168764BL



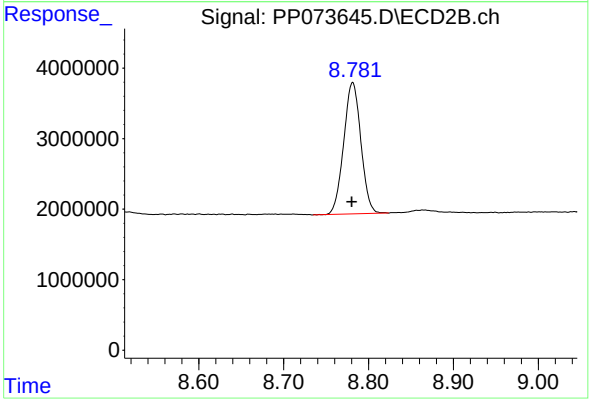
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 34032096
Conc: 18.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.001 min
Response: 19711701
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 26185432
Conc: 19.79 ng/ml

Raw Data: **PO112087.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	PIBLK-PO112087.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PO112087.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112087.D	1		07/08/25	po070825

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	19.4		60 - 140	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		60 - 140	94%	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\PO070825\
Data File : PO112087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:49
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 09 04:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.667	192.2E6	127.1E6	19.421	19.956
2)	SA Decachlor...	8.701	8.649	128.3E6	33314140	18.760	19.330
	Target Compounds						

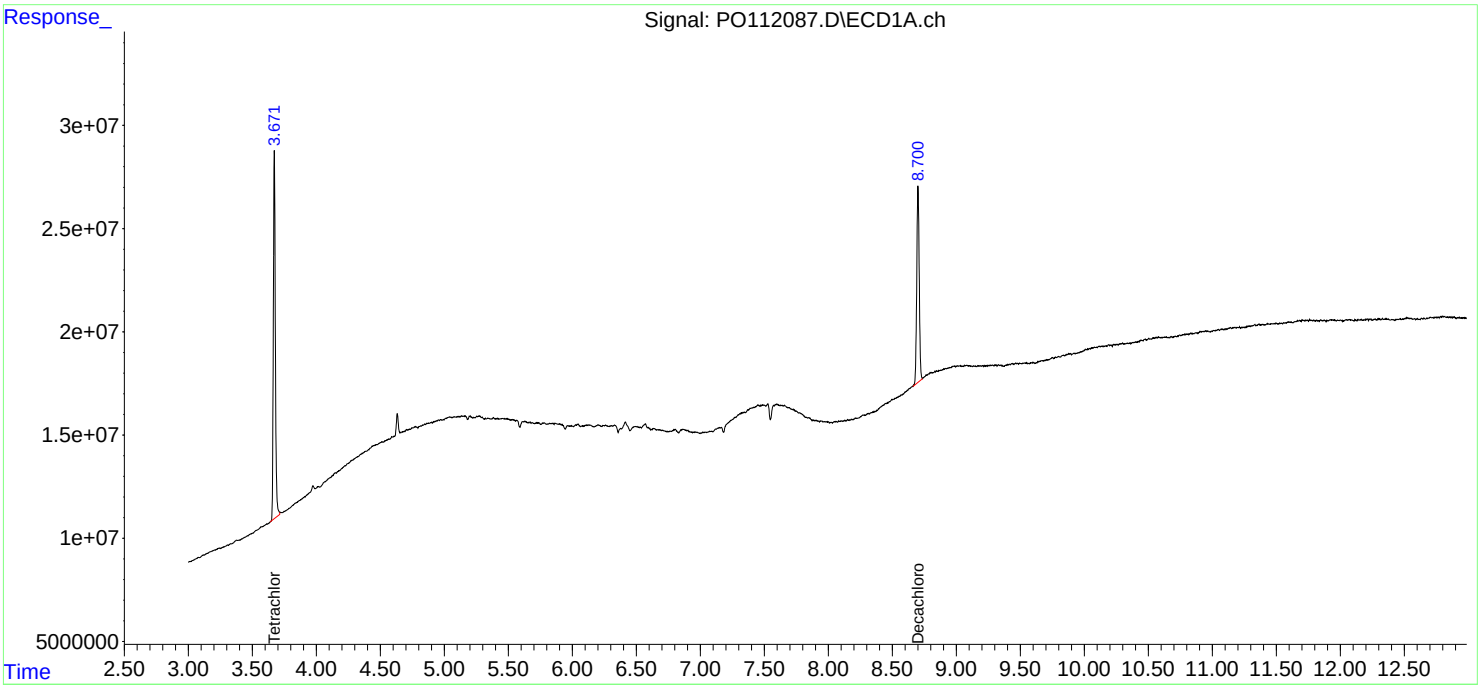
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

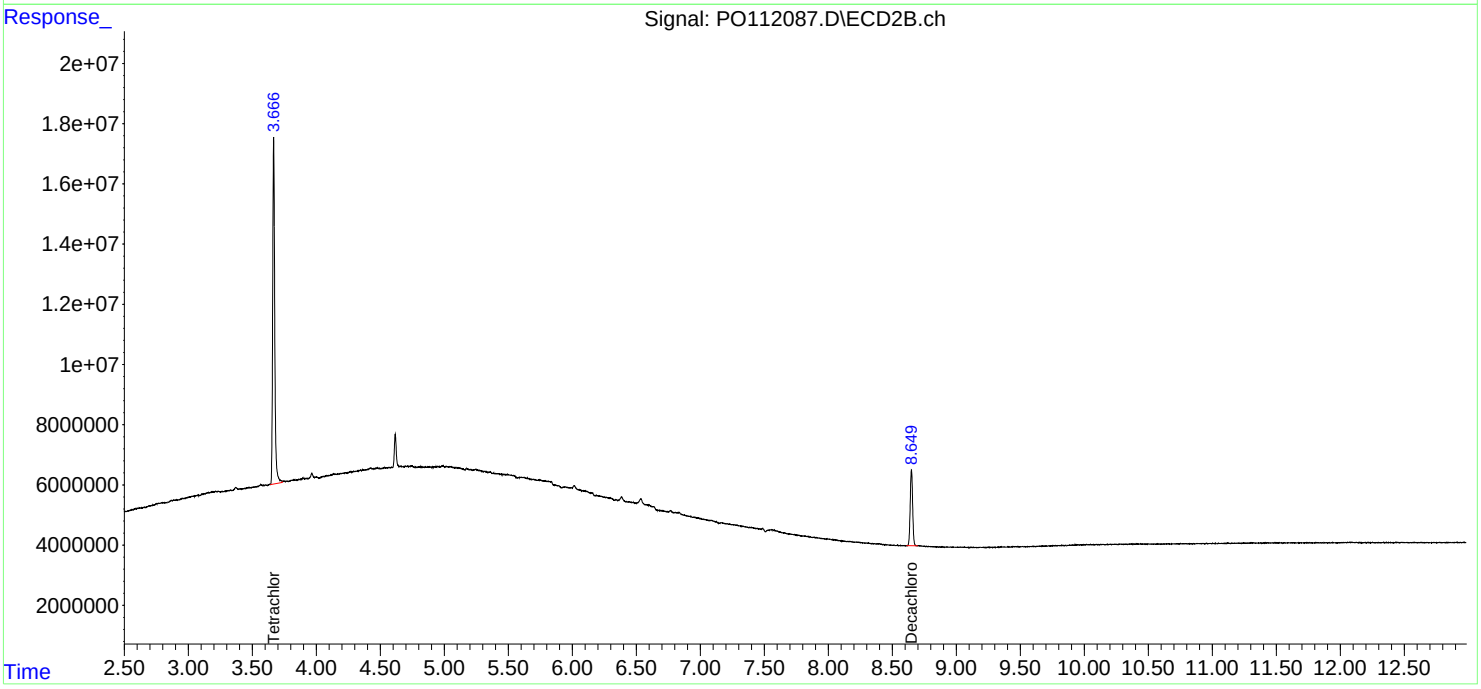
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

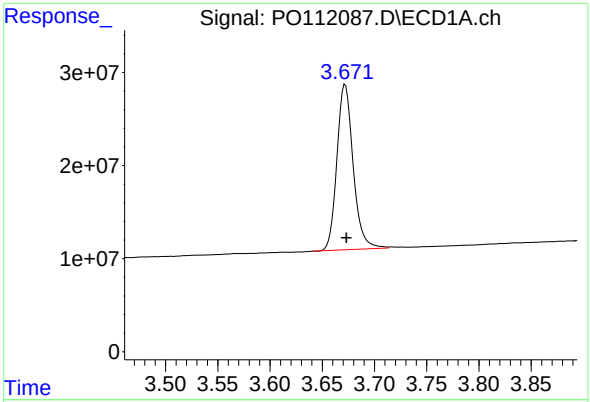
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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



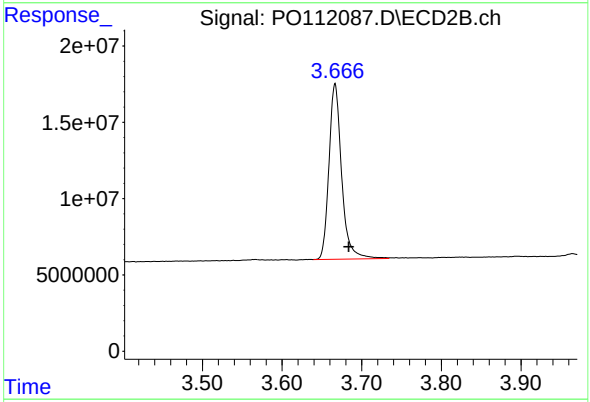




#1 Tetrachloro-m-xylene

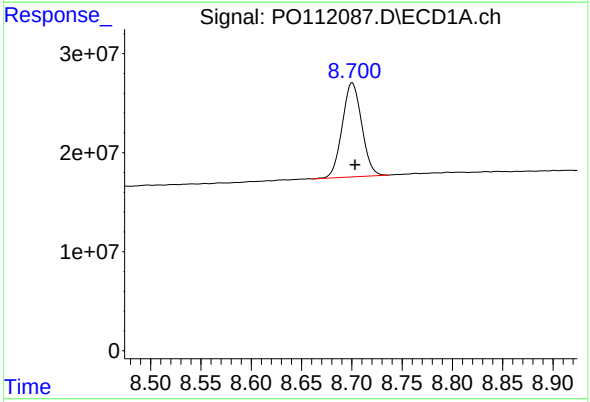
R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 192161483
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



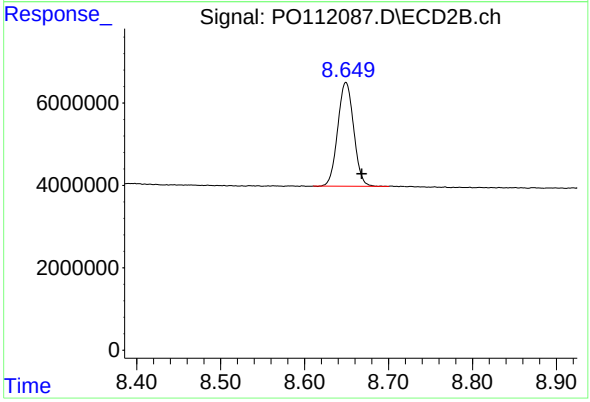
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.017 min
Response: 127143413
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 128266236
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 33314140
Conc: 19.33 ng/ml

Raw Data: **PO112139.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PO112139.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PO112139.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112139.D	1		07/09/25	PO070925

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	19.3		60 - 140	96%	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\PO070925\
Data File : PO112139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:05
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 10 02:00:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.666	176.7E6	112.2E6	17.856	17.617
2)	SA Decachlor...	8.703	8.650	132.6E6	33210445	19.400	19.270
	Target Compounds						

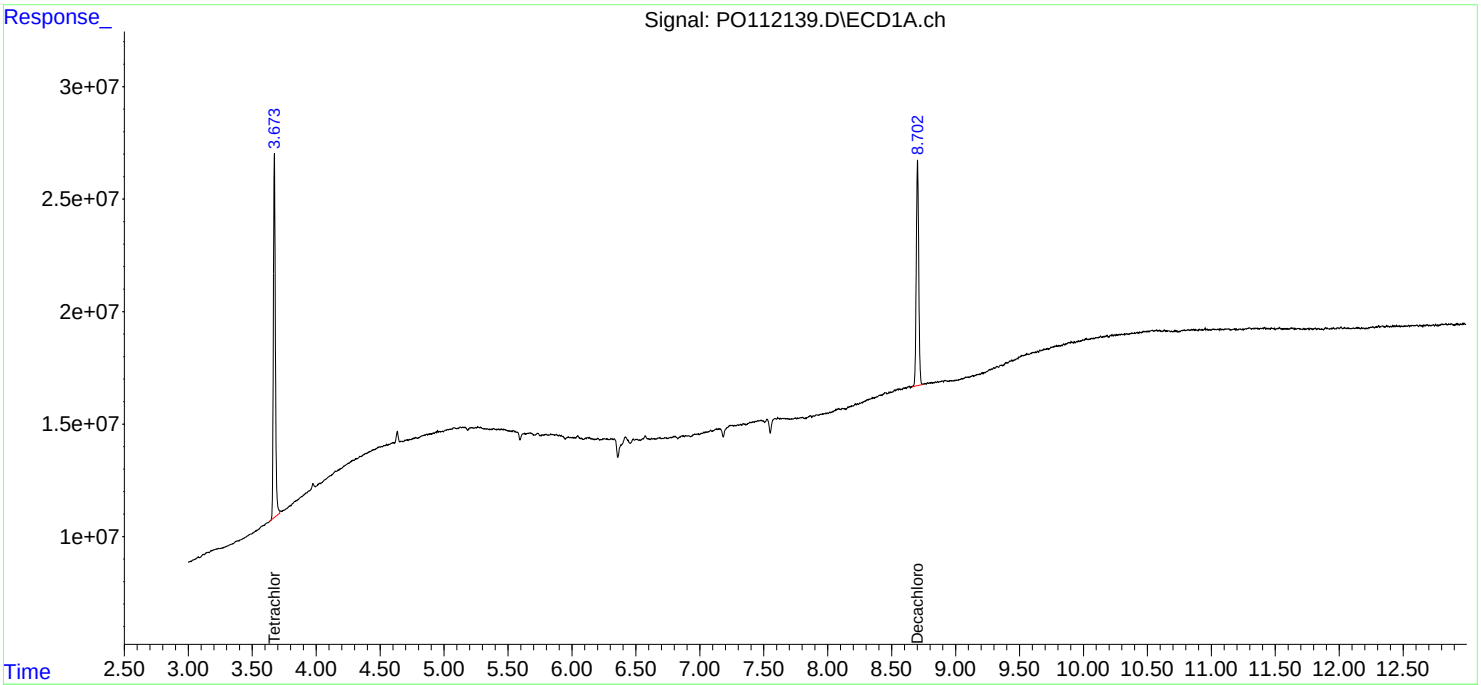
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

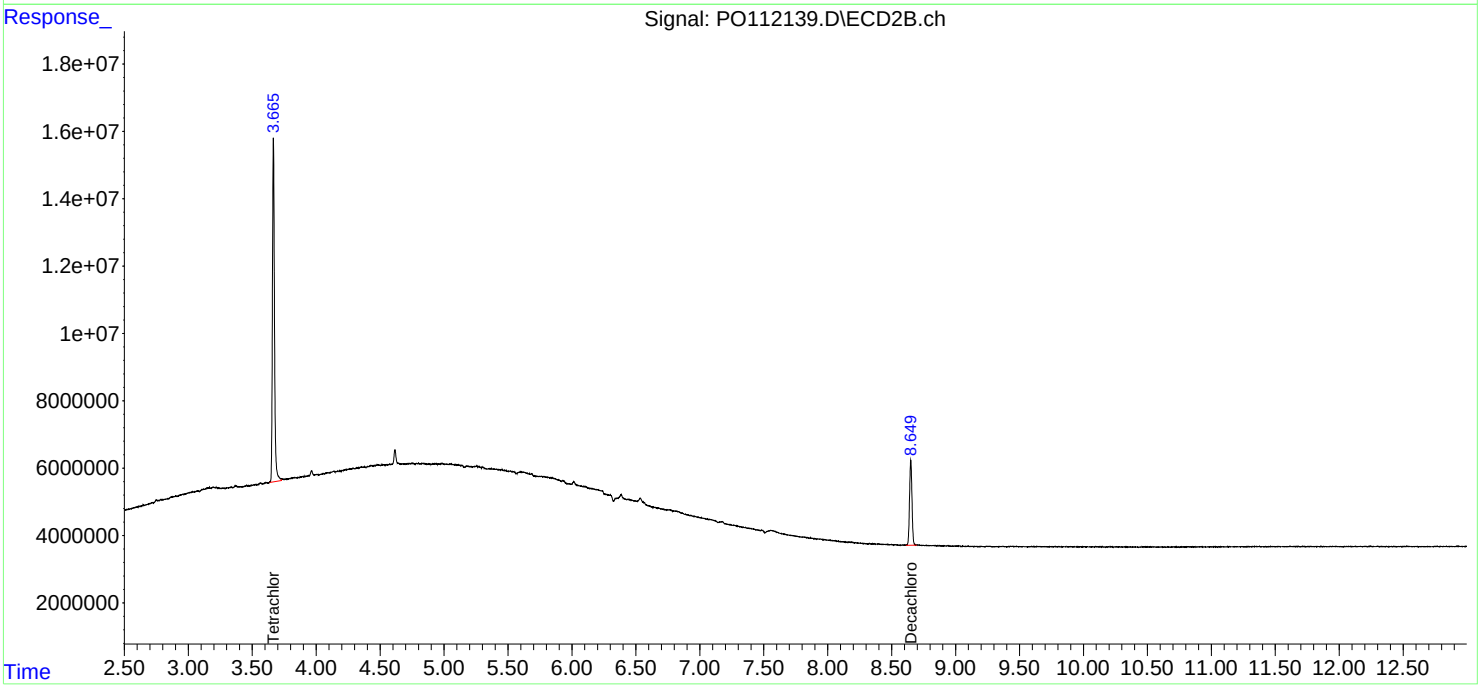
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:05
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

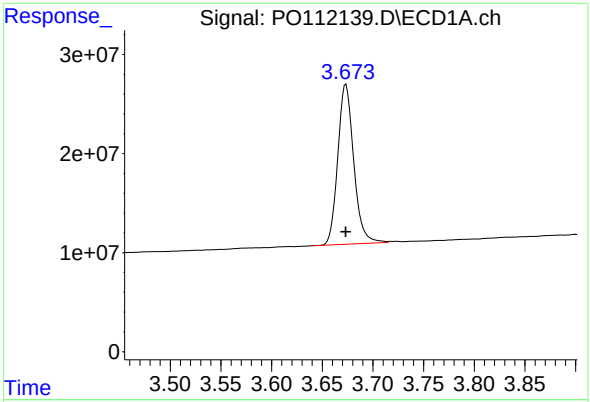
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:00:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



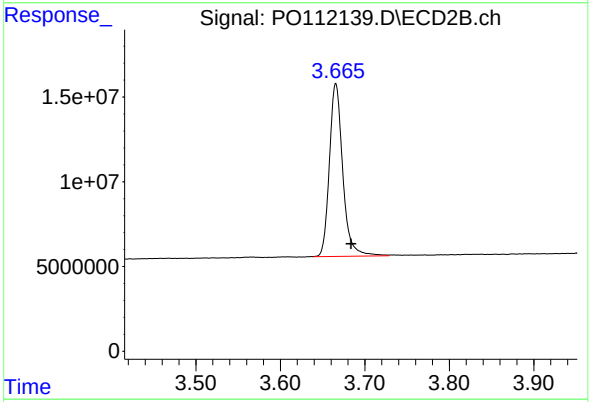




#1 Tetrachloro-m-xylene

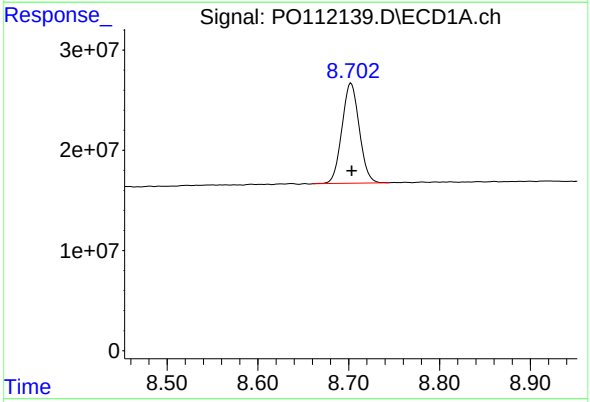
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 176677773
Conc: 17.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



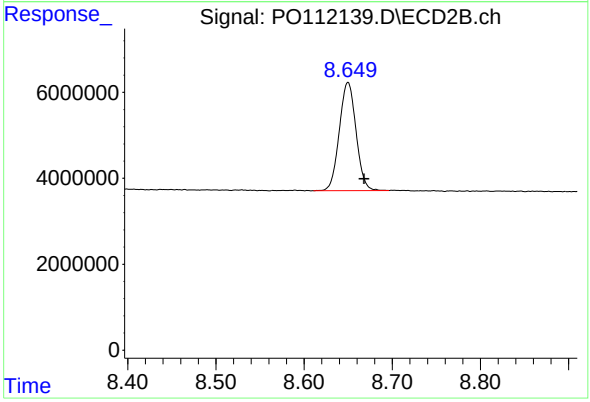
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 112236626
Conc: 17.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 132637543
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.018 min
Response: 33210445
Conc: 19.27 ng/ml

Raw Data: **PO112154.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PO112154.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PO112154.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112154.D	1		07/09/25	PO070925

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	19.6		60 - 140	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		60 - 140	101%	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\PO070925\
Data File : PO112154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 22:57
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 10 02:07:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	198.7E6	125.1E6	20.081	19.640
2)	SA Decachlor...	8.699	8.648	140.8E6	34638094	20.595	20.098
	Target Compounds						

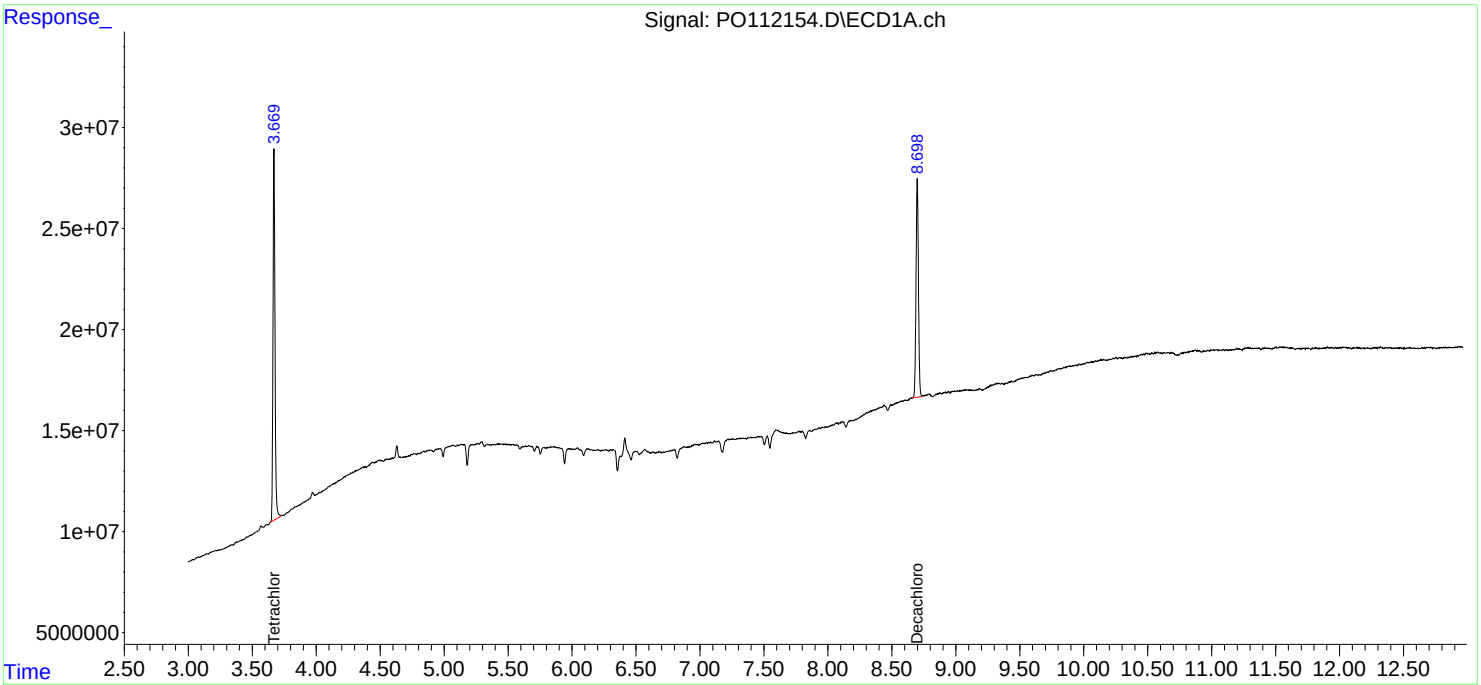
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

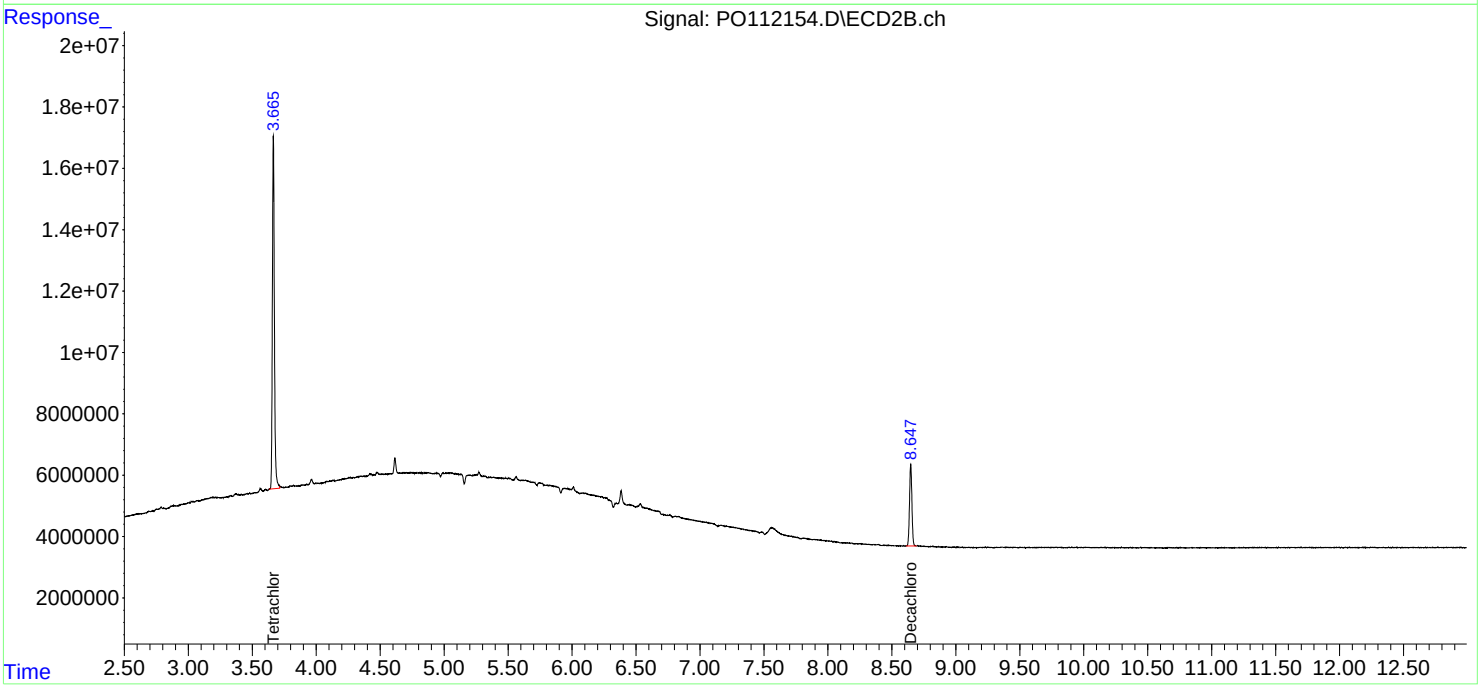
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 22:57
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

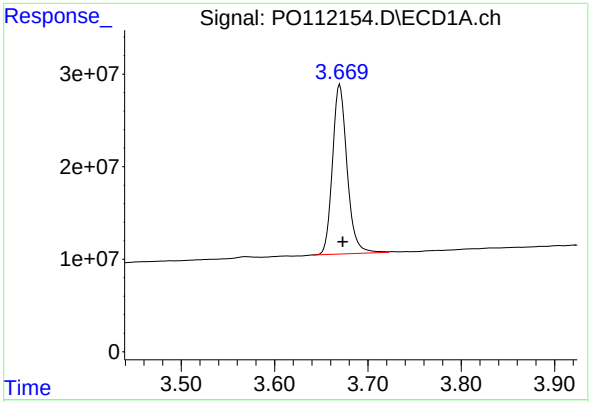
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:07:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



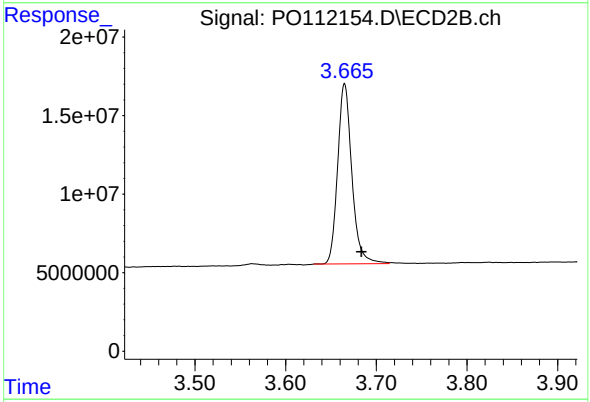




#1 Tetrachloro-m-xylene

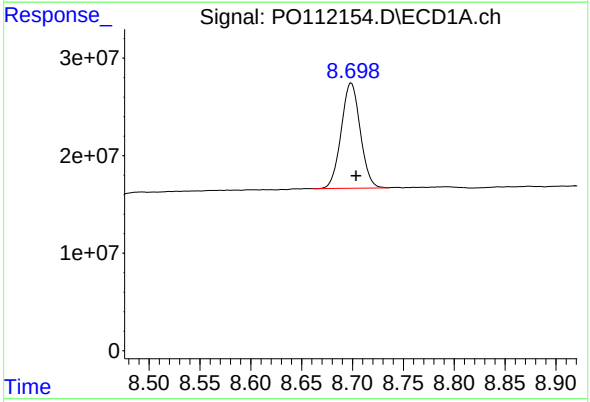
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 198692881
Conc: 20.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



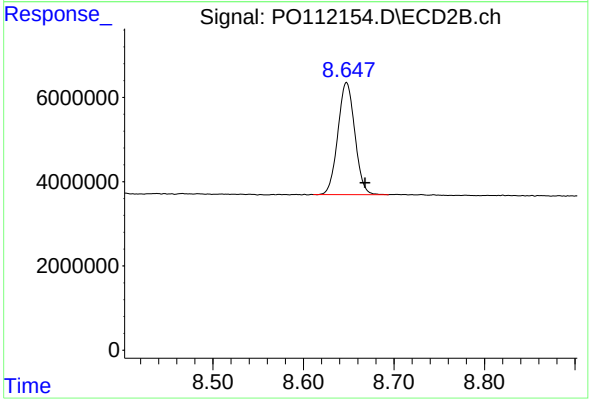
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 125124852
Conc: 19.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.005 min
Response: 140807679
Conc: 20.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 34638094
Conc: 20.10 ng/ml

Raw Data: **PO112169.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PO112169.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PO112169.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112169.D	1		07/10/25	PO070925

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	21.3		60 - 140	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		60 - 140	101%	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\PO070925\
Data File : PO112169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 04:42
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 10 05:16:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.671	3.665	218.2E6	135.6E6	22.048	21.277
2)	SA Decachlor...	8.701	8.649	138.8E6	34843422	20.297	20.217
	Target Compounds						

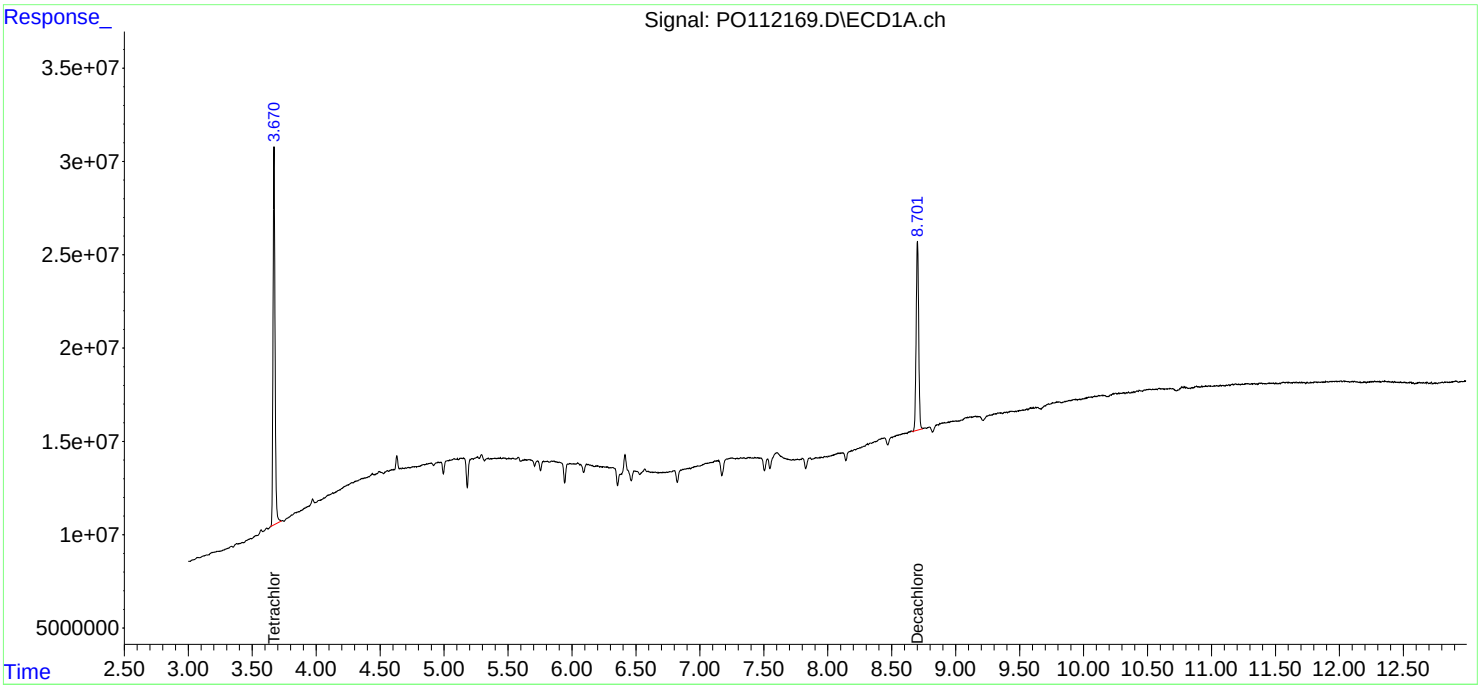
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

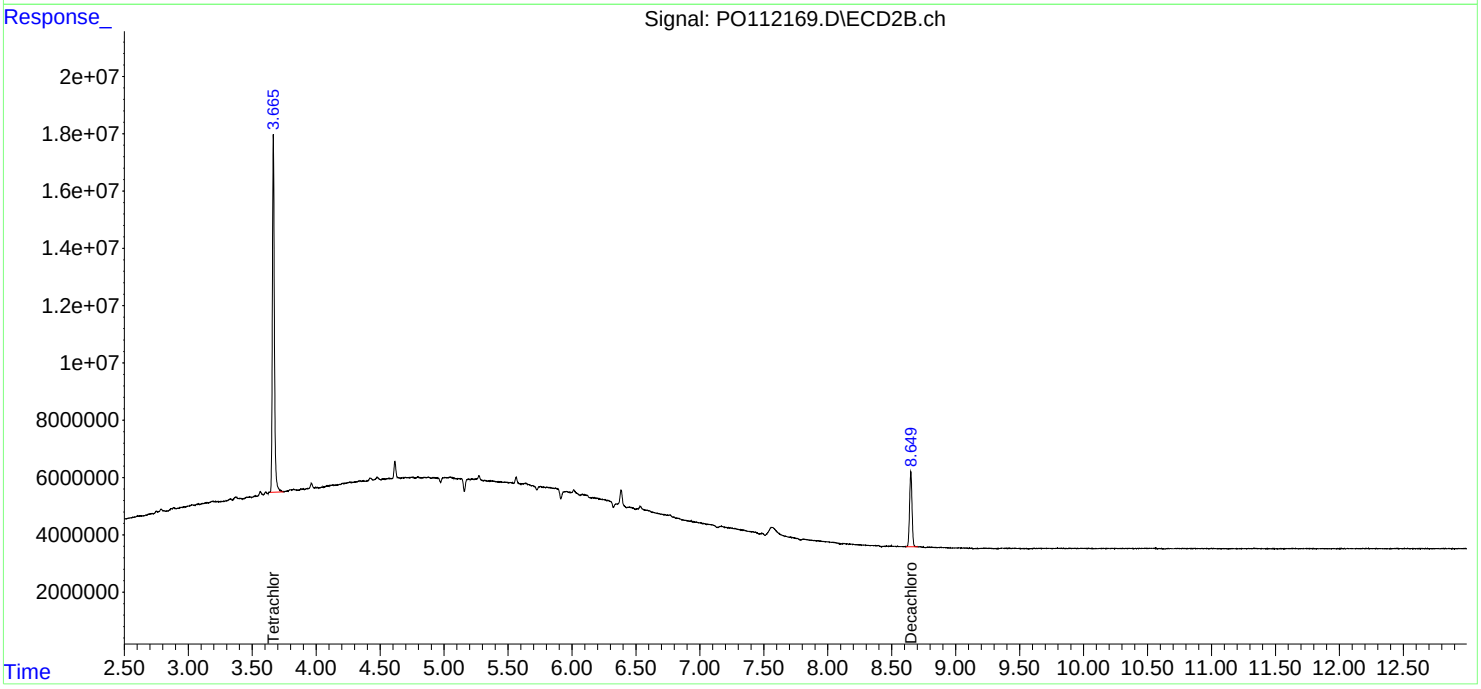
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070925\
Data File : PO112169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 04:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

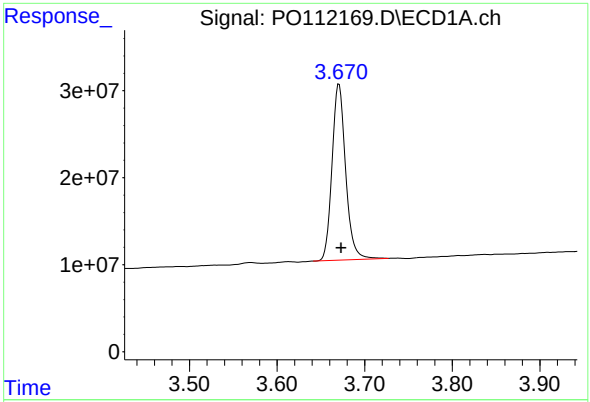
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 05:16:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



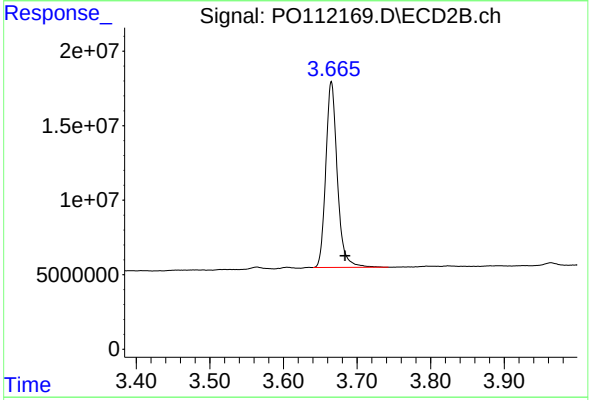




#1 Tetrachloro-m-xylene

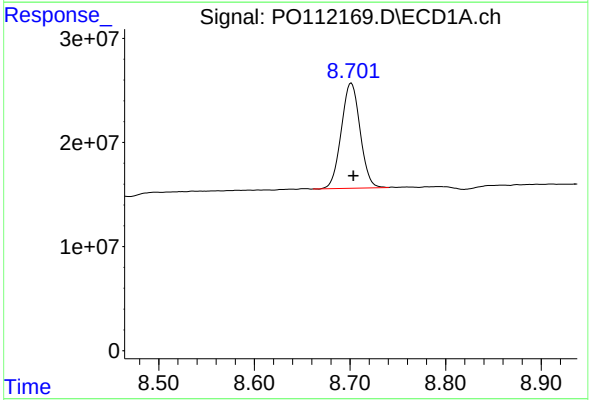
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 218159569
Conc: 22.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



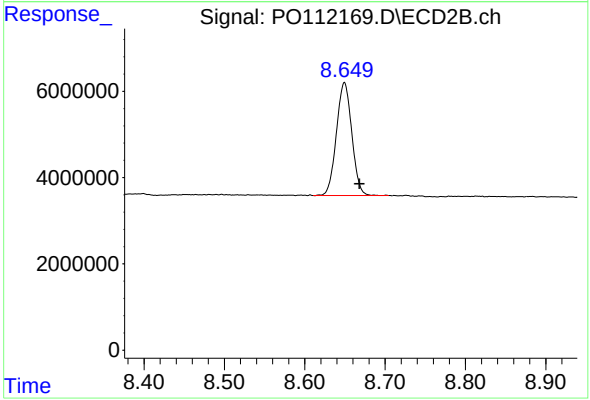
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 135558696
Conc: 21.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.002 min
Response: 138771263
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 34843422
Conc: 20.22 ng/ml

Raw Data: **PP073553.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	PIBLK-PP073553.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PP073553.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073553.D	1		07/07/25	pp070825

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	16.2		60 - 140	81%	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_P\Data\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
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 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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	3.780	22153163	29828480	16.176	16.191
2)	SA Decachlor...	10.178	8.781	18922819	22582394	17.344	17.067
	Target Compounds						

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

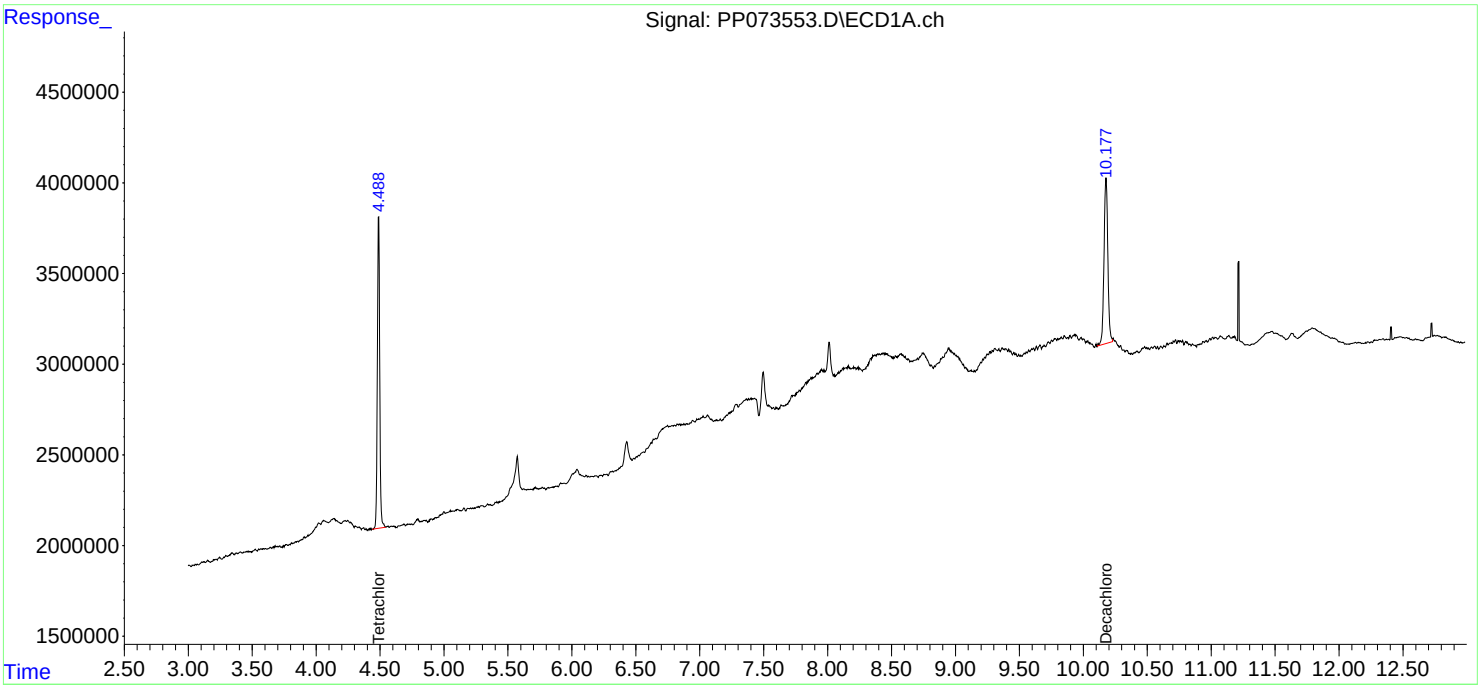
Sample Results: **PP073553.D**

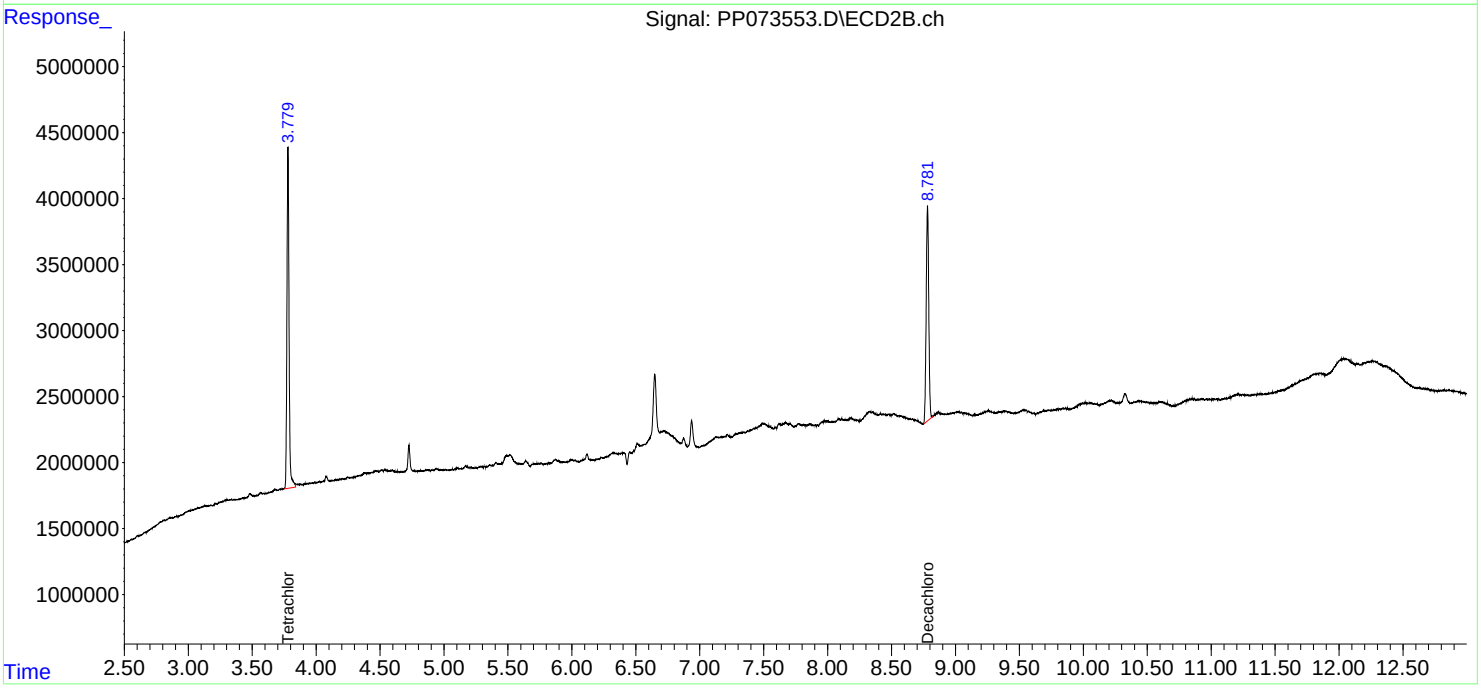
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

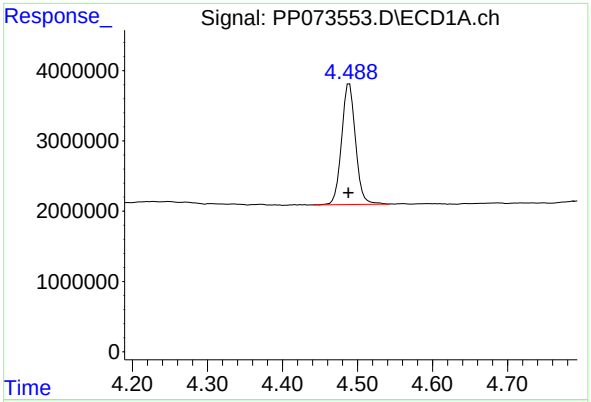
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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



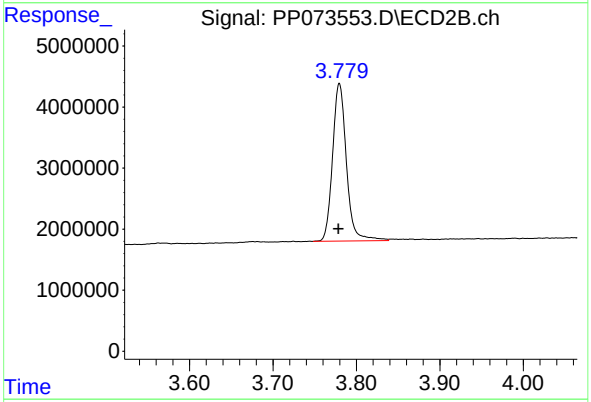




#1 Tetrachloro-m-xylene

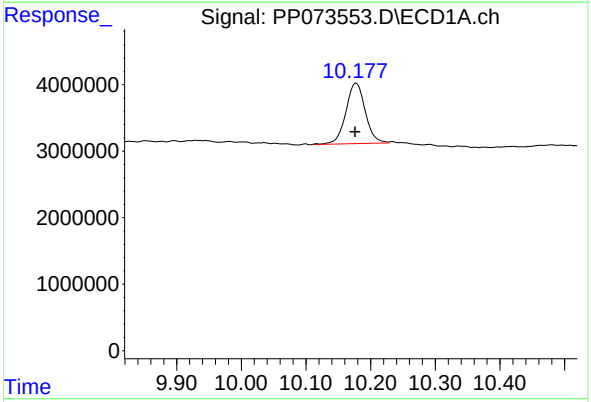
R.T.: 4.489 min
Delta R.T.: 0.001 min
Response: 22153163
Conc: 16.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



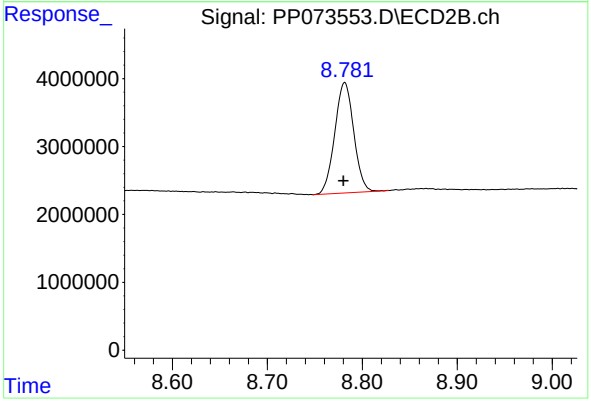
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 29828480
Conc: 16.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.002 min
Response: 18922819
Conc: 17.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 22582394
Conc: 17.07 ng/ml

Raw Data: **PP073644.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PP073644.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PP073644.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073644.D	1		07/09/25	pp071025

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	17.7		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

Sample Results: **PP073644.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073644.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:26
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 10 01:56:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.490	3.781	25075303	34078350	18.309	18.498
2)	SA Decachlor...	10.178	8.783	19307502	26118047	17.696	19.739
	Target Compounds						

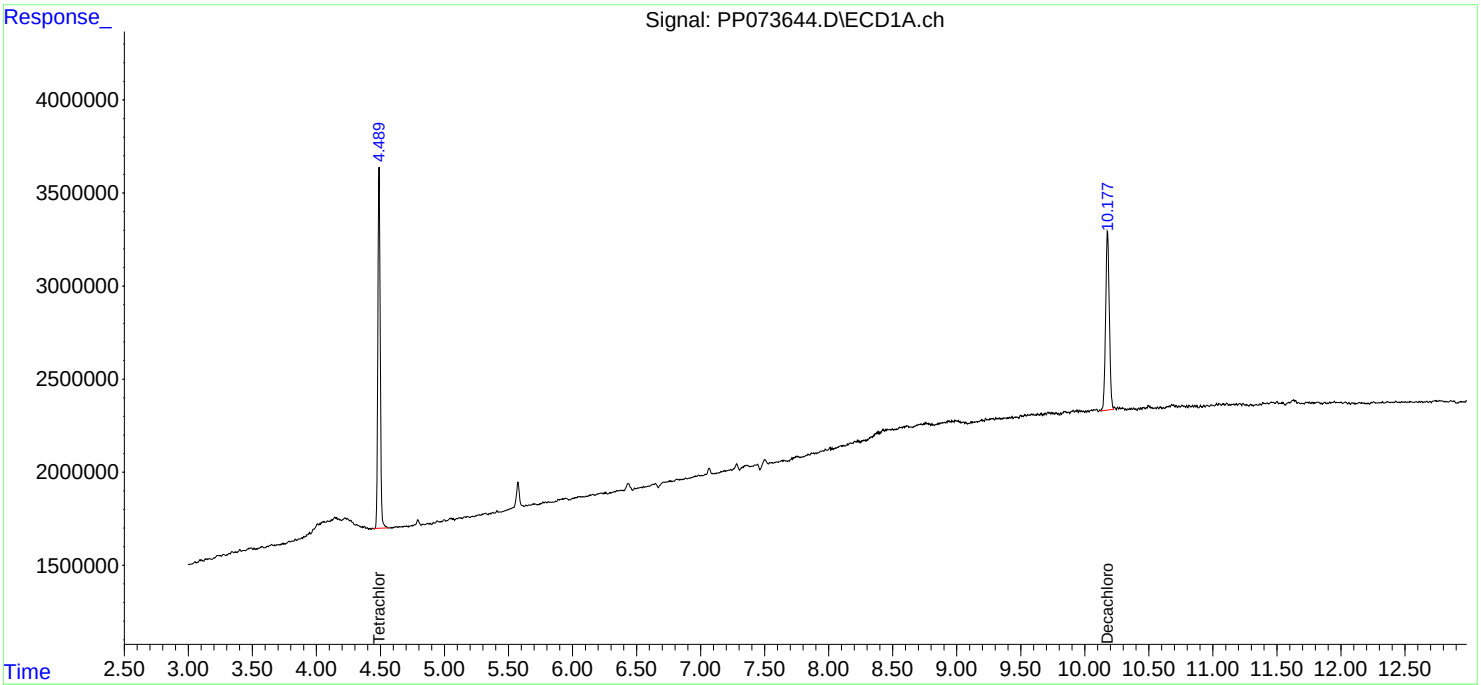
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

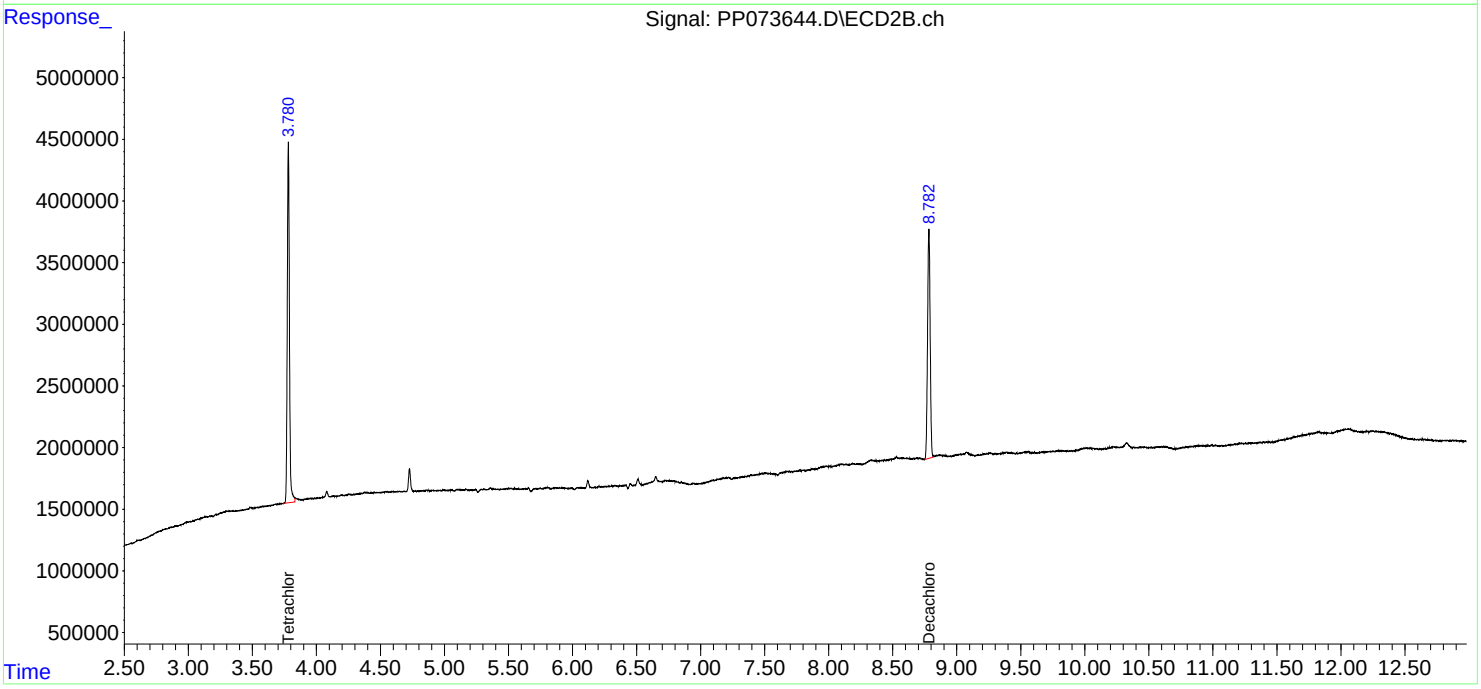
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073644.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:26
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

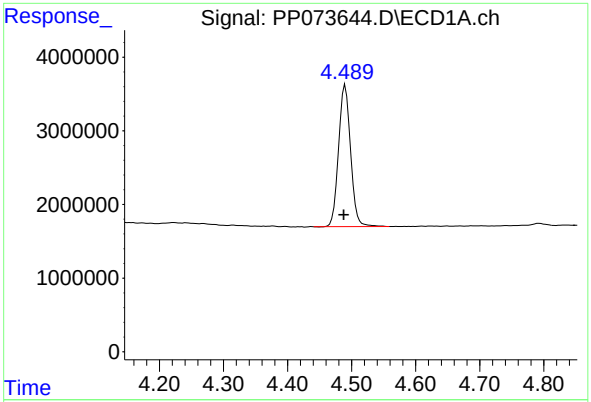
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:56:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



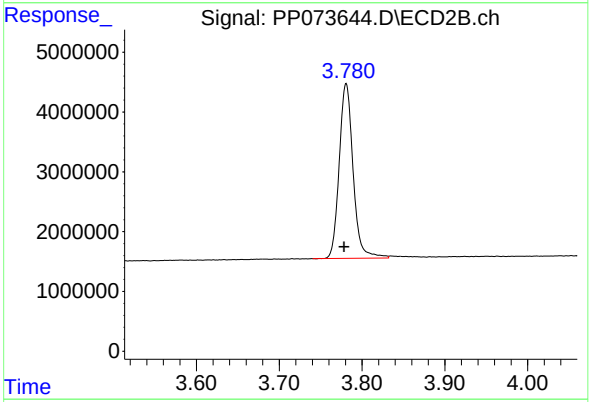




#1 Tetrachloro-m-xylene

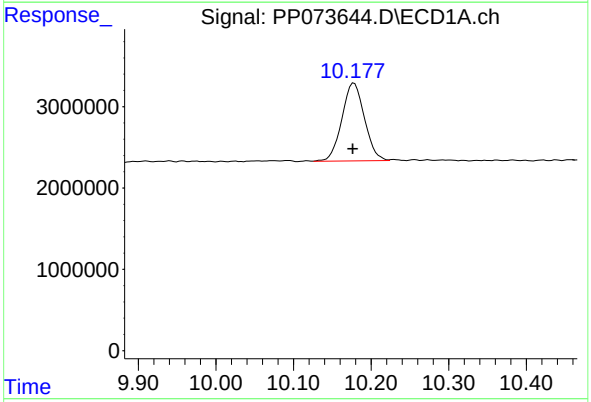
R.T.: 4.490 min
Delta R.T.: 0.002 min
Response: 25075303
Conc: 18.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



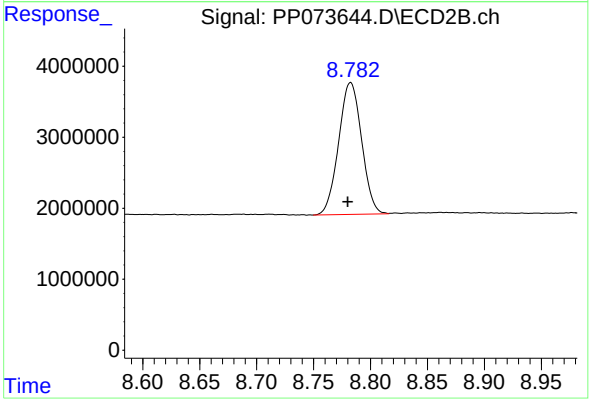
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.002 min
Response: 34078350
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.002 min
Response: 19307502
Conc: 17.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.002 min
Response: 26118047
Conc: 19.74 ng/ml

Raw Data: **PP073659.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	PIBLK-PP073659.D	SDG No.:	Q2529
Lab Sample ID:	I.BLK-PP073659.D	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 :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073659.D	1		07/09/25	pp071025

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	18.7		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		60 - 140	95%	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

Sample Results: **PP073659.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 22:11
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 10 02:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.489	3.779	26167162	34412435	19.107	18.679
2)	SA Decachlor...	10.175	8.780	20727166	27628336	18.997	20.881
	Target Compounds						

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

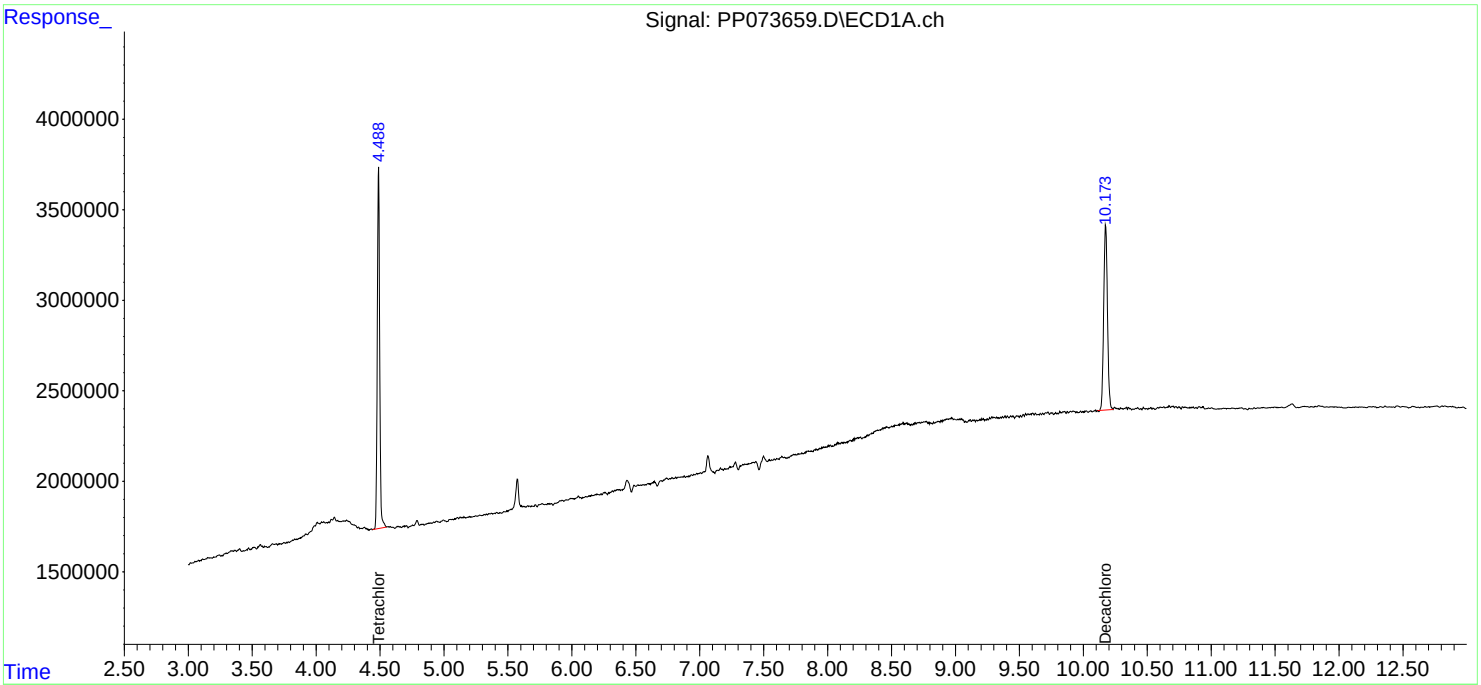
Sample Results: **PP073659.D**

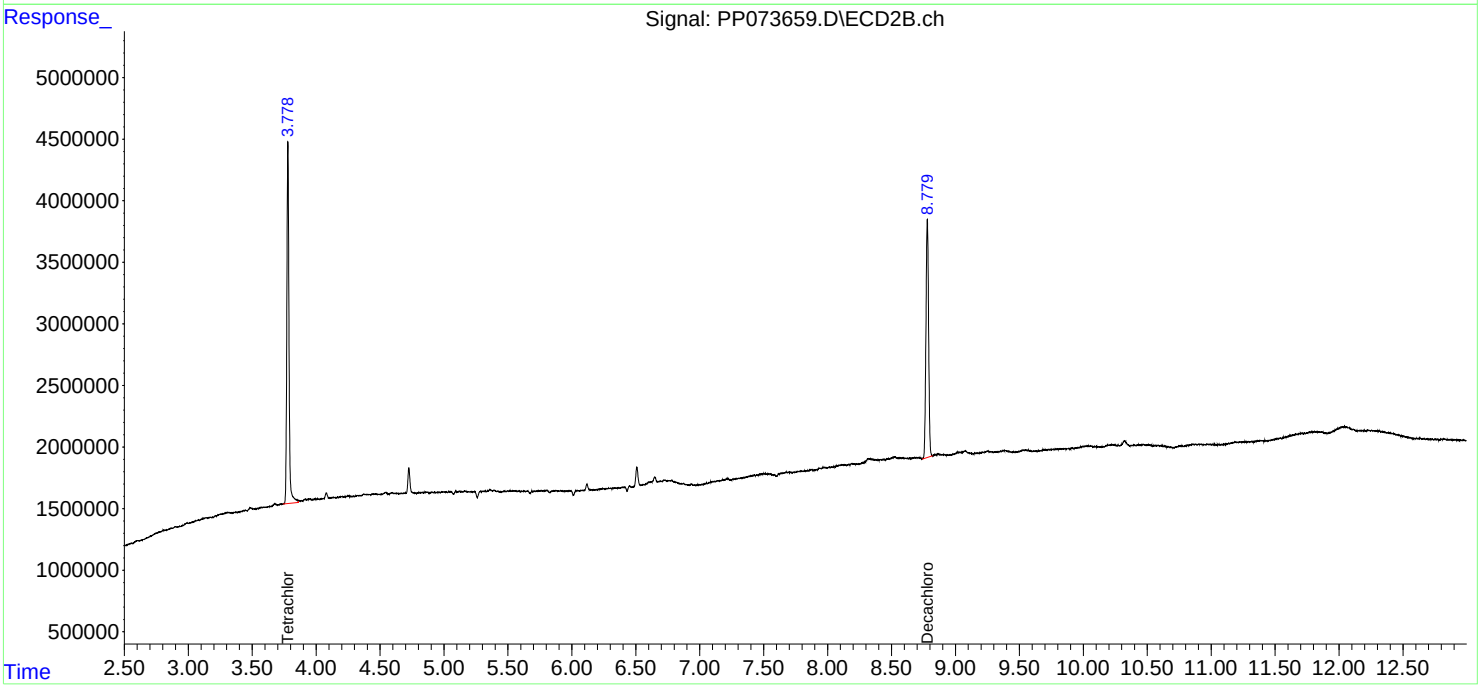
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073659.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 22:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

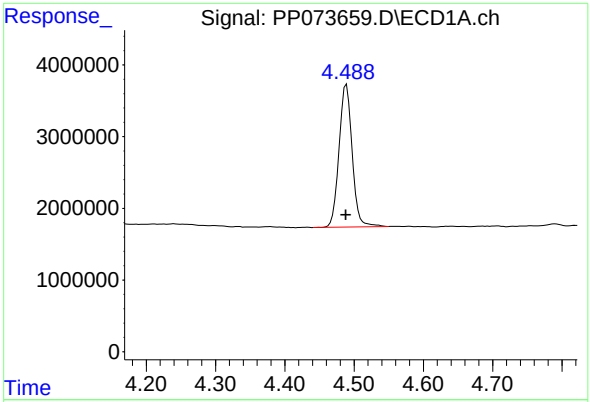
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 02:00:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



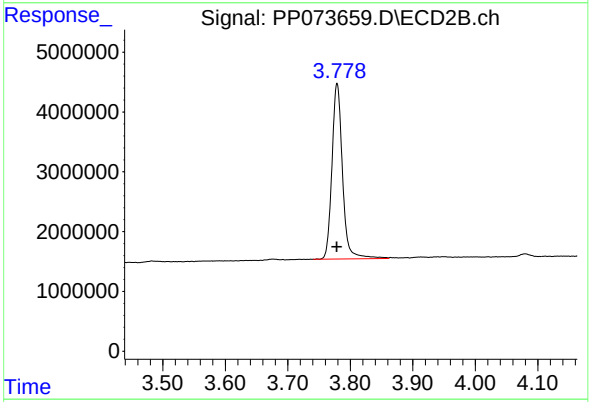




#1 Tetrachloro-m-xylene

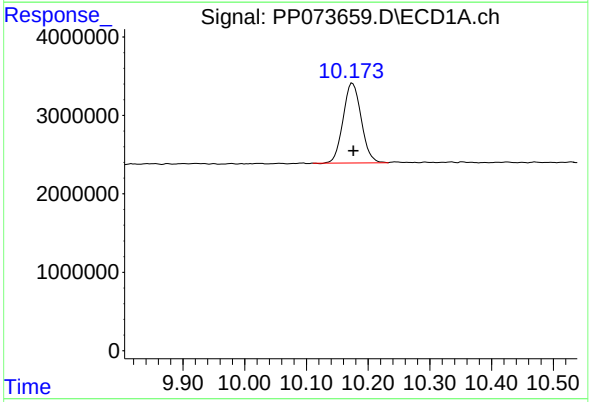
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 26167162
Conc: 19.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



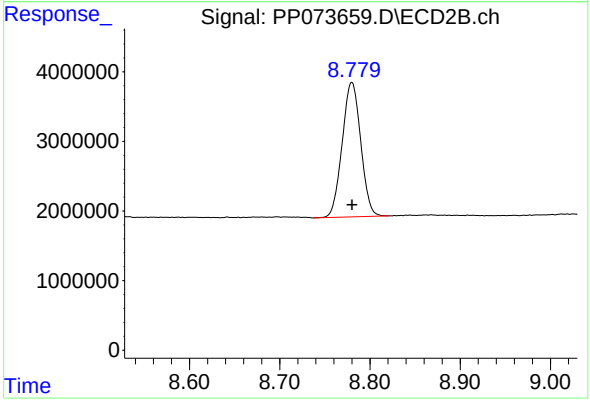
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 34412435
Conc: 18.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.001 min
Response: 20727166
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 27628336
Conc: 20.88 ng/ml

Raw Data: **PP073646.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168764BS	SDG No.:	Q2529
Lab Sample ID:	PB168764BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073646.D	1	07/09/25 08:20	07/09/25 16:59	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	155		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	151		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		32 - 175	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_P\Data\PP071025\
Data File : PP073646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:59
Operator : YP\AJ
Sample : PB168764BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168764BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:56:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.487	3.780	25473228	32036088	18.600	17.389
2)	SA Decachlor...	10.175	8.782	19811830	27397295	18.158	20.706
	Target Compounds						
3)	L1 AR-1016-1	5.638	4.859	21061589	31408478	443.275	460.706
4)	L1 AR-1016-2	5.660	4.876	32474789	47095586	456.011	462.245
5)	L1 AR-1016-3	5.721	5.052	19700063	25478392	451.184	470.895
6)	L1 AR-1016-4	5.819	5.095	16600336	20107088	461.819	458.220
7)	L1 AR-1016-5	6.111	5.308	14424903	25662330	460.412	470.157
31)	L7 AR-1260-1	7.228	6.337	27443673	47127702	465.453	483.062
32)	L7 AR-1260-2	7.481	6.526	39792944	55649996	415.202	453.037
33)	L7 AR-1260-3	7.840	6.678	27857916	51757465	381.246	472.827
34)	L7 AR-1260-4	8.063	7.147	27414823	38263542	419.830	427.963
35)	L7 AR-1260-5	8.381	7.390	61349327	94881158	406.684	422.188

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

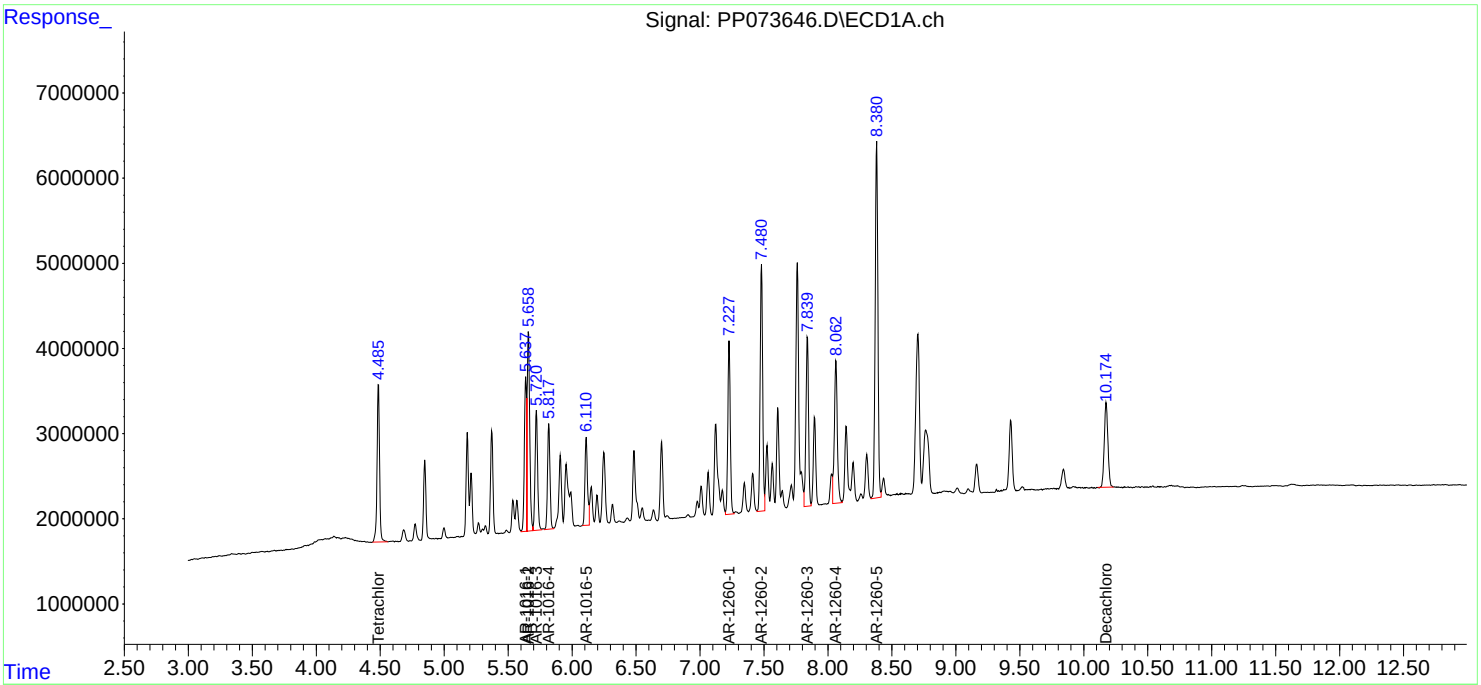
Sample Results: **PP073646.D**

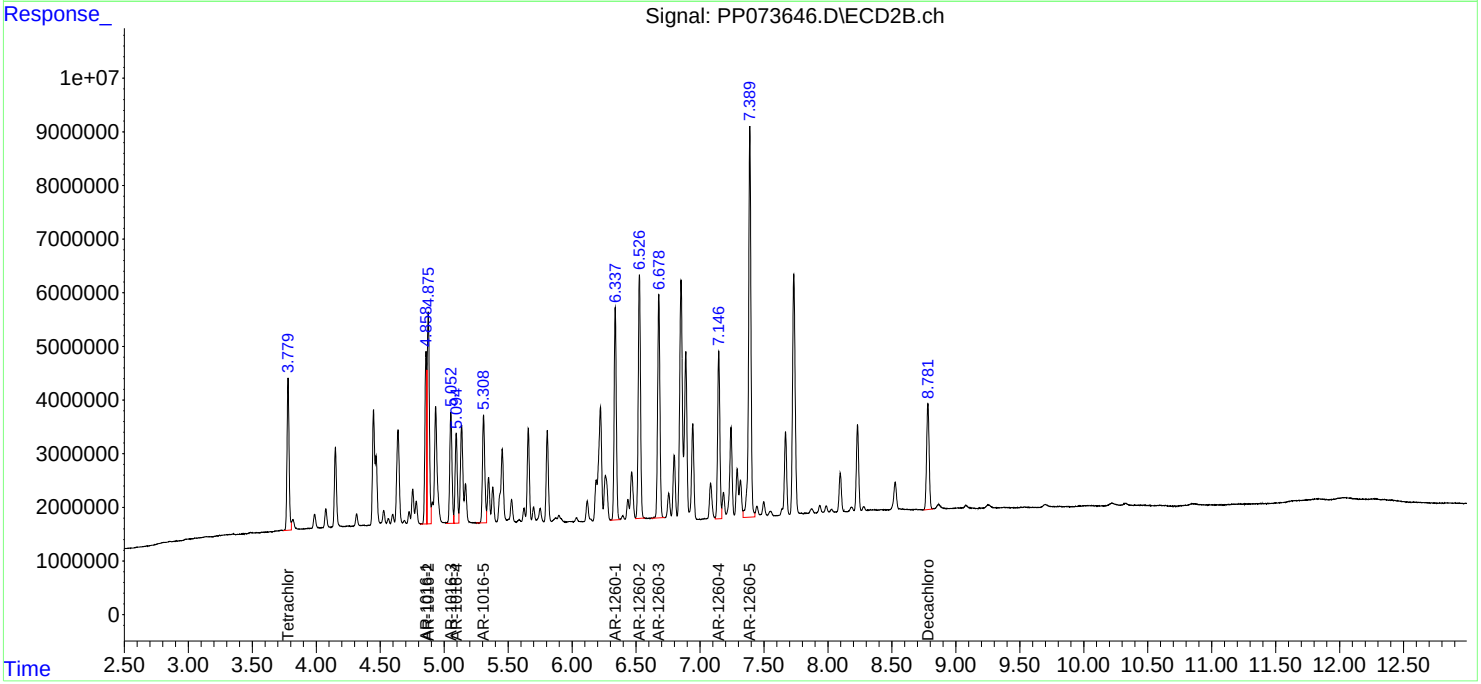
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 16:59
Operator : YP\AJ
Sample : PB168764BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168764BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:56:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





Raw Data: **PP073648.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MS	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073648.D	1	07/09/25 08:20	07/09/25 17:31	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	180		4.50	19.3	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.3	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.3	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.3	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.3	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.3	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.3	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.3	ug/kg
11096-82-5	Aroclor-1260	167		3.70	19.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		32 - 175	113%	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\PP071025\
Data File : PP073648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2517-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-14MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:57:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.489	3.780	29392301	37730496	21.462	20.480
2)	SA Decachlor...	10.179	8.781	22478107	29966658	20.602	22.648
	Target Compounds						
3)	L1 AR-1016-1	5.640	4.859	21203465	31952900	446.261	468.691
4)	L1 AR-1016-2	5.661	4.876	32509976	48158693	456.505	472.680
5)	L1 AR-1016-3	5.723	5.053	19678261	25939399	450.684	479.415
6)	L1 AR-1016-4	5.821	5.094	16445708	20483754	457.517	466.804
7)	L1 AR-1016-5	6.113	5.308	14567453	26463593	464.962	484.837
31)	L7 AR-1260-1	7.230	6.338	26910927	46302778	456.417	474.607
32)	L7 AR-1260-2	7.483	6.527	38095393	56488248	397.490	459.861
33)	L7 AR-1260-3	7.841	6.678	26899886	50082672	368.135	457.527
34)	L7 AR-1260-4	8.065	7.147	27249599	36832842	417.299	411.962
35)	L7 AR-1260-5	8.383	7.390	60010183	90051526	397.806	400.698

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

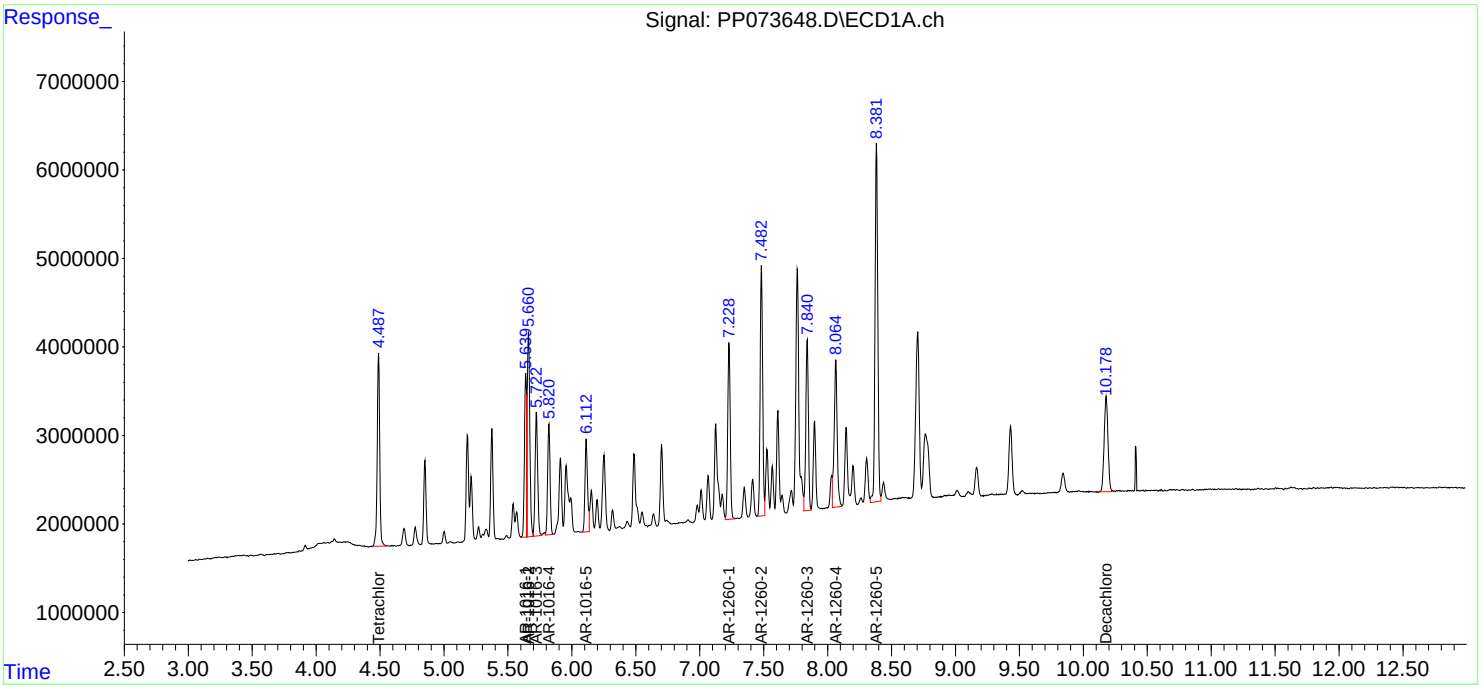
Sample Results: **PP073648.D**

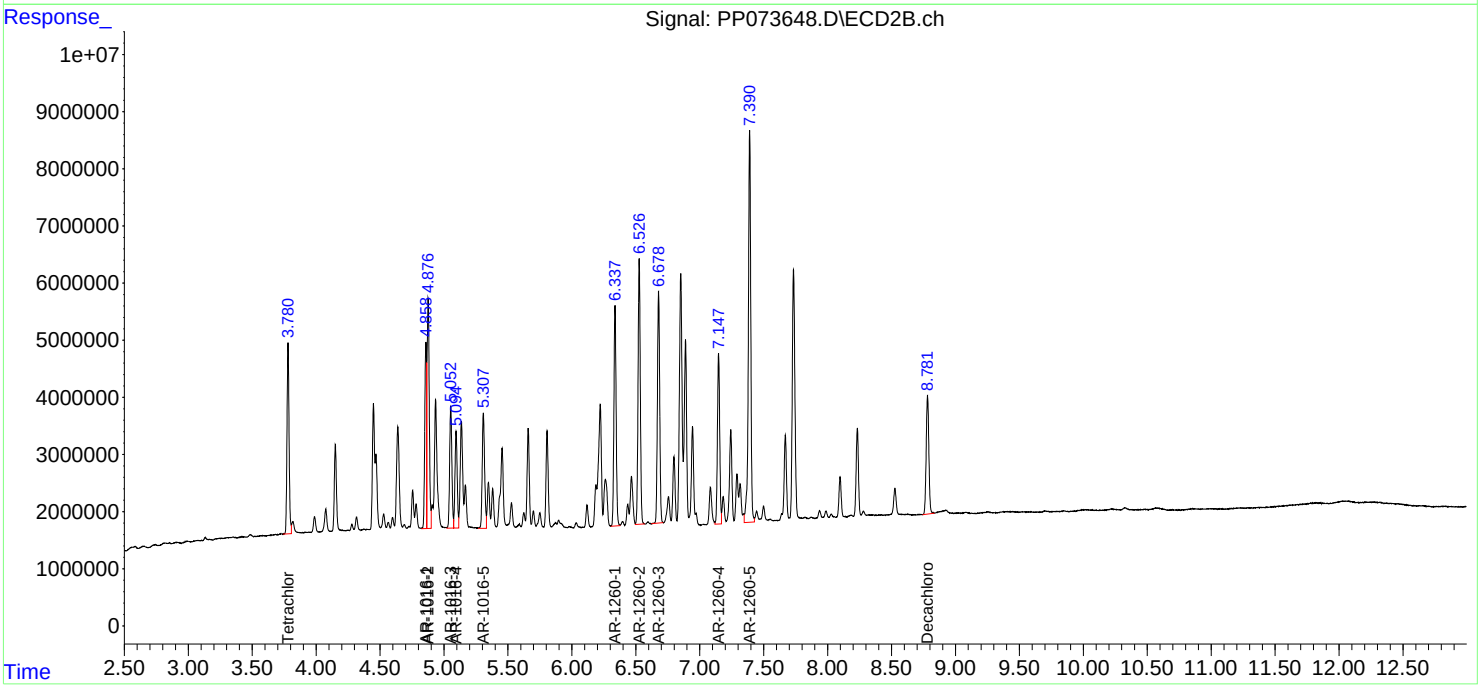
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:31
Operator : YP\AJ
Sample : Q2517-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-14MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:57:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





Raw Data: **PP073649.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MSD	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073649.D	1	07/09/25 08:20	07/09/25 17:48	PB168764

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	181		4.50	19.3	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.3	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.3	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.3	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.3	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.3	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.3	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.3	ug/kg
11096-82-5	Aroclor-1260	168		3.70	19.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		32 - 175	115%	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

Sample Results: **PP073649.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:48
Operator : YP\AJ
Sample : Q2517-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-14MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:57:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.487	3.780	29109237	38209485	21.255	20.740	
2)	SA Decachlor...	10.177	8.782	21708399	30300333	19.897	22.900	
	Target Compounds							
3)	L1 AR-1016-1	5.638	4.859	21434119	32056871	451.116	470.216	
4)	L1 AR-1016-2	5.659	4.876	33364645	49163122	468.507	482.538	
5)	L1 AR-1016-3	5.722	5.053	20301842	26296299	464.966	486.012	
6)	L1 AR-1016-4	5.819	5.095	16796039	20685224	467.263	471.395	
7)	L1 AR-1016-5	6.111	5.308	14732109	26206054	470.218	480.118	
31)	L7 AR-1260-1	7.228	6.338	27311400	46331080	463.209	474.897	
32)	L7 AR-1260-2	7.481	6.527	38313539	55903903	399.766	455.104	
33)	L7 AR-1260-3	7.839	6.678	27041598	50807407	370.075	464.148	#
34)	L7 AR-1260-4	8.064	7.148	27088331	36818576	414.830	411.802	
35)	L7 AR-1260-5	8.382	7.390	59681847	90545807	395.630	402.897	

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

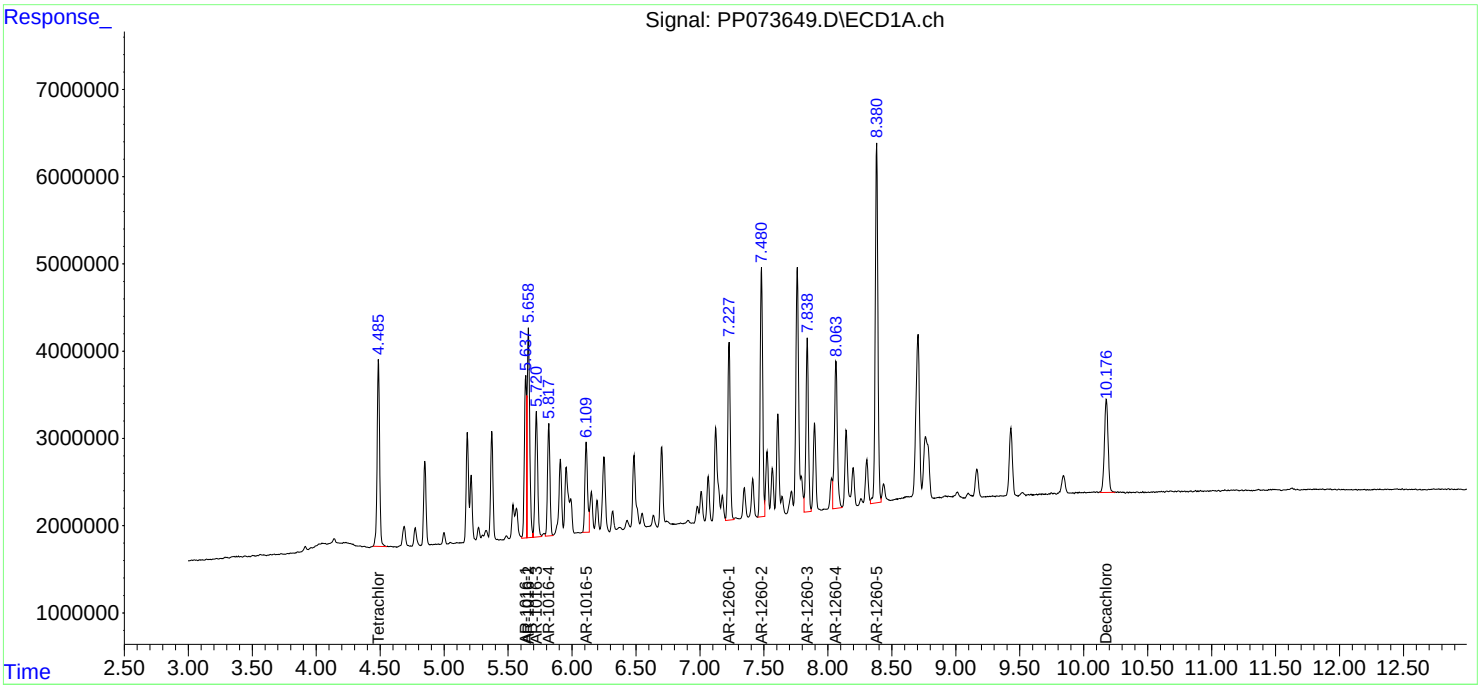
Sample Results: **PP073649.D**

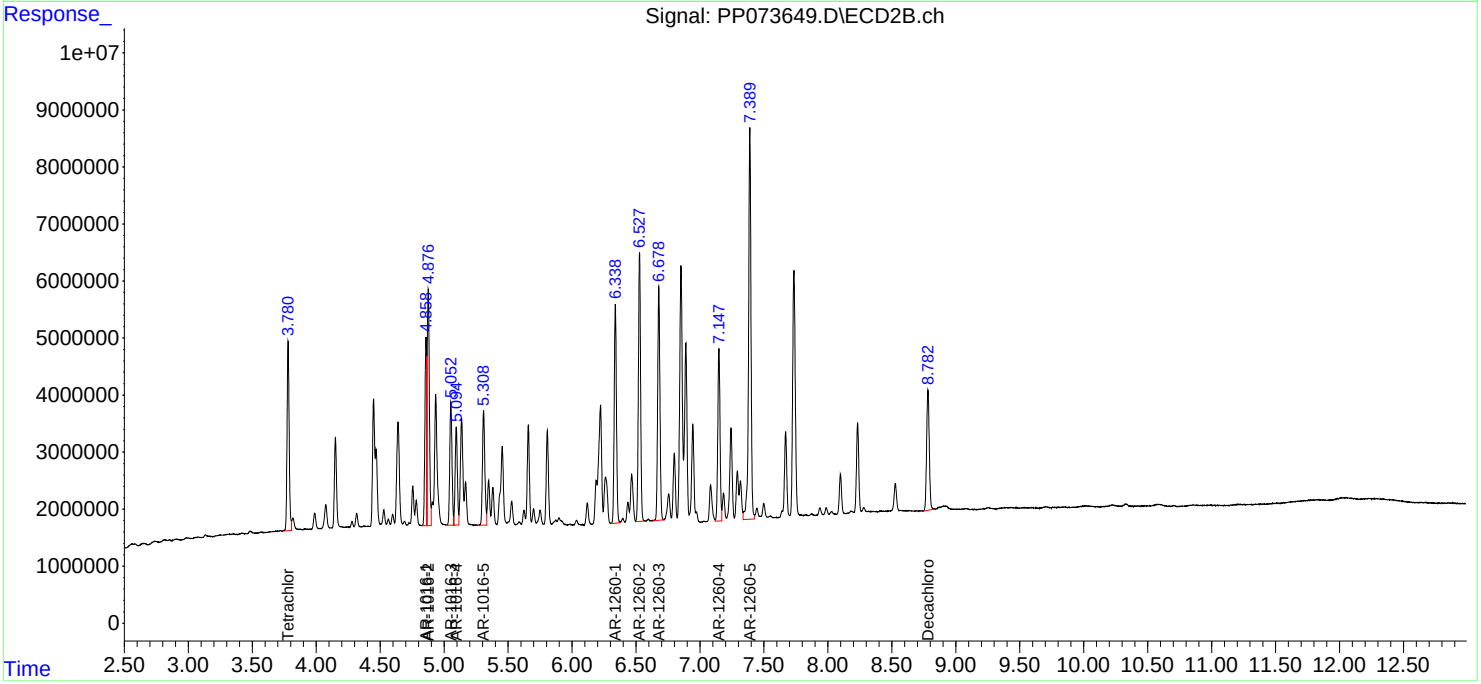
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071025\
Data File : PP073649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 17:48
Operator : YP\AJ
Sample : Q2517-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TP-14MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:57:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





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Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PO112088.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-4 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-5 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-1	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112091.D	AR-1260-2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-4	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-5	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1016-5	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO112099.D	AR-1242-5	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1242ICC050	PO112099.D	AR-1242-5 #2	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-4 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-5 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-1 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-2 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-4	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC1000	PO112111.D	AR-1268-4	yogesh	7/9/2025 7:27:32 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-1	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-3	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-1 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-2 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PO070825ICV500	PO112116.D	AR-1260-4 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO070925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112122.D	AR-1016-2 #2	yogesh	7/10/2025 9:04:20 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112122.D	AR-1260-3 #2	yogesh	7/10/2025 9:04:20 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112122.D	AR-1260-4 #2	yogesh	7/10/2025 9:04:20 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112135.D	AR-1016-2 #2	yogesh	7/10/2025 10:03:56 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112135.D	AR-1260-3 #2	yogesh	7/10/2025 10:03:56 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112135.D	AR-1260-4 #2	yogesh	7/10/2025 10:03:56 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
Q2529-04	PO112146.D	Decachlorobiphenyl #2	yogesh	7/10/2025 9:04:38 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112150.D	AR-1016-1 #2	yogesh	7/10/2025 9:04:39 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112150.D	AR-1016-2 #2	yogesh	7/10/2025 9:04:39 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112150.D	AR-1016-5	yogesh	7/10/2025 9:04:39 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112150.D	AR-1260-3 #2	yogesh	7/10/2025 9:04:39 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112150.D	AR-1260-4 #2	yogesh	7/10/2025 9:04:39 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112153.D	AR-1254-1	yogesh	7/10/2025 9:04:52 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO070925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO112153.D	AR-1254-1 #2	yogesh	7/10/2025 9:04:52 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112153.D	AR-1254-2	yogesh	7/10/2025 9:04:52 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112153.D	AR-1254-2 #2	yogesh	7/10/2025 9:04:52 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112165.D	AR-1016-2 #2	yogesh	7/10/2025 9:05:05 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112165.D	AR-1016-5	yogesh	7/10/2025 9:05:05 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112165.D	AR-1260-3 #2	yogesh	7/10/2025 9:05:05 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112165.D	AR-1260-4 #2	yogesh	7/10/2025 9:05:05 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1242CCC500	PO112166.D	AR-1242-5	yogesh	7/10/2025 9:05:19 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1242CCC500	PO112166.D	AR-1242-5 #2	yogesh	7/10/2025 9:05:19 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1248CCC500	PO112167.D	AR-1248-3	yogesh	7/10/2025 9:05:21 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1248CCC500	PO112167.D	AR-1248-4	yogesh	7/10/2025 9:05:21 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1248CCC500	PO112167.D	AR-1248-5	yogesh	7/10/2025 9:05:21 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1248CCC500	PO112167.D	AR-1248-5 #2	yogesh	7/10/2025 9:05:21 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO070925	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO112168.D	AR-1254-1	yogesh	7/10/2025 9:05:27 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112168.D	AR-1254-1 #2	yogesh	7/10/2025 9:05:27 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112168.D	AR-1254-2	yogesh	7/10/2025 9:05:27 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112168.D	AR-1254-2 #2	yogesh	7/10/2025 9:05:27 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112177.D	AR-1016-2 #2	yogesh	7/10/2025 9:05:40 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112177.D	AR-1016-5	yogesh	7/10/2025 9:05:40 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112177.D	AR-1016-5 #2	yogesh	7/10/2025 9:05:40 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112177.D	AR-1260-3 #2	yogesh	7/10/2025 9:05:40 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1660CCC500	PO112177.D	AR-1260-4 #2	yogesh	7/10/2025 9:05:40 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112178.D	AR-1254-1	yogesh	7/10/2025 9:05:42 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112178.D	AR-1254-1 #2	yogesh	7/10/2025 9:05:42 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software
AR1254CCC500	PO112178.D	AR-1254-2	yogesh	7/10/2025 9:05:42 AM	mohammad	7/11/2025 1:37:24	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO070925	Instrument	ECD_o

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

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Manual Integration Report

Sequence:	pp070825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP073557.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC250	PP073557.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1016-1	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-1 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-1	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-2	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-3	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-5	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-1	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-4	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-5	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp070825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073575.D	AR-1254-1	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-2	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-3	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-4	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC250	PP073580.D	AR-1268-1 #2	yogesh	7/8/2025 8:51:24 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC050	PP073581.D	AR-1268-5	yogesh	7/8/2025 8:51:26 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp071025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073640.D	AR-1260-2	yogesh	7/10/2025 9:07:12 AM	mohammad	7/11/2025 1:37:31	Peak Integrated by Software
AR1660CCC500	PP073685.D	AR-1260-2	yogesh	7/10/2025 9:07:30 AM	mohammad	7/11/2025 1:37:31	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
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	PO112086.D	08 Jul 2025 13:32	YP/AJ	Ok
2	I.BLK	PO112087.D	08 Jul 2025 13:49	YP/AJ	Ok
3	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06	YP/AJ	Ok,M
4	AR1660ICC750	PO112089.D	08 Jul 2025 14:25	YP/AJ	Ok,M
5	AR1660ICC500	PO112090.D	08 Jul 2025 14:43	YP/AJ	Ok
6	AR1660ICC250	PO112091.D	08 Jul 2025 15:02	YP/AJ	Ok,M
7	AR1660ICC050	PO112092.D	08 Jul 2025 15:21	YP/AJ	Ok,M
8	AR1221ICC500	PO112093.D	08 Jul 2025 15:38	YP/AJ	Ok
9	AR1232ICC500	PO112094.D	08 Jul 2025 15:57	YP/AJ	Ok
10	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15	YP/AJ	Ok
11	AR1242ICC750	PO112096.D	08 Jul 2025 16:34	YP/AJ	Ok
12	AR1242ICC500	PO112097.D	08 Jul 2025 16:52	YP/AJ	Ok
13	AR1242ICC250	PO112098.D	08 Jul 2025 17:11	YP/AJ	Ok
14	AR1242ICC050	PO112099.D	08 Jul 2025 17:29	YP/AJ	Ok,M
15	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48	YP/AJ	Ok
16	AR1248ICC750	PO112101.D	08 Jul 2025 18:05	YP/AJ	Ok
17	AR1248ICC500	PO112102.D	08 Jul 2025 18:24	YP/AJ	Ok
18	AR1248ICC250	PO112103.D	08 Jul 2025 18:41	YP/AJ	Ok
19	AR1248ICC050	PO112104.D	08 Jul 2025 18:59	YP/AJ	Ok,M
20	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18	YP/AJ	Ok
21	AR1254ICC750	PO112106.D	08 Jul 2025 19:35	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
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	PO112107.D	08 Jul 2025 19:54	YP/AJ	Ok
23	AR1254ICC250	PO112108.D	08 Jul 2025 20:11	YP/AJ	Ok
24	AR1254ICC050	PO112109.D	08 Jul 2025 20:28	YP/AJ	Ok,M
25	AR1262ICC500	PO112110.D	08 Jul 2025 20:47	YP/AJ	Ok
26	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04	YP/AJ	Ok,M
27	AR1268ICC750	PO112112.D	08 Jul 2025 21:22	YP/AJ	Ok
28	AR1268ICC500	PO112113.D	08 Jul 2025 21:39	YP/AJ	Ok
29	AR1268ICC250	PO112114.D	08 Jul 2025 21:57	YP/AJ	Ok
30	AR1268ICC050	PO112115.D	08 Jul 2025 22:16	YP/AJ	Ok,M
31	PO070825ICV500	PO112116.D	08 Jul 2025 22:34	YP/AJ	Ok,M
32	AR1242ICV500	PO112117.D	08 Jul 2025 23:11	YP/AJ	Ok
33	AR1248ICV500	PO112118.D	08 Jul 2025 23:47	YP/AJ	Ok
34	AR1254ICV500	PO112119.D	09 Jul 2025 00:24	YP/AJ	Ok
35	AR1268ICV500	PO112120.D	09 Jul 2025 01:01	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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	PO112121.D	09 Jul 2025 10:14	YP/AJ	Ok
2	AR1660CCC500	PO112122.D	09 Jul 2025 10:31	YP/AJ	Ok,M
3	AR1242CCC500	PO112123.D	09 Jul 2025 11:00	YP/AJ	Ok
4	AR1248CCC500	PO112124.D	09 Jul 2025 11:18	YP/AJ	Ok
5	AR1254CCC500	PO112125.D	09 Jul 2025 11:37	YP/AJ	Ok
6	I.BLK	PO112126.D	09 Jul 2025 11:54	YP/AJ	Ok
7	DDT ANALOGUE	PO112127.D	09 Jul 2025 12:11	YP/AJ	Ok
8	Q2528-04	PO112128.D	09 Jul 2025 12:29	YP/AJ	Ok,M
9	Q2528-05	PO112129.D	09 Jul 2025 12:47	YP/AJ	Ok,M
10	Q2528-06	PO112130.D	09 Jul 2025 13:06	YP/AJ	Ok,M
11	Q2528-07	PO112131.D	09 Jul 2025 13:24	YP/AJ	Ok,M
12	Q2528-08	PO112132.D	09 Jul 2025 13:43	YP/AJ	Ok,M
13	Q2528-09	PO112133.D	09 Jul 2025 14:01	YP/AJ	Ok,M
14	Q2528-10	PO112134.D	09 Jul 2025 14:19	YP/AJ	Ok,M
15	AR1660CCC500	PO112135.D	09 Jul 2025 15:32	YP/AJ	Ok,M
16	AR1242CCC500	PO112136.D	09 Jul 2025 16:09	YP/AJ	Ok
17	AR1248CCC500	PO112137.D	09 Jul 2025 16:28	YP/AJ	Ok
18	AR1254CCC500	PO112138.D	09 Jul 2025 16:47	YP/AJ	Ok
19	I.BLK	PO112139.D	09 Jul 2025 17:05	YP/AJ	Ok
20	Q2526-03	PO112140.D	09 Jul 2025 17:23	YP/AJ	Not Ok
21	Q2527-01	PO112141.D	09 Jul 2025 17:41	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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	Q2527-03	PO112142.D	09 Jul 2025 18:00	YP/AJ	Ok
23	Q2529-01	PO112143.D	09 Jul 2025 18:17	YP/AJ	Ok
24	Q2529-02	PO112144.D	09 Jul 2025 18:34	YP/AJ	Ok
25	Q2529-03	PO112145.D	09 Jul 2025 18:52	YP/AJ	Ok
26	Q2529-04	PO112146.D	09 Jul 2025 19:09	YP/AJ	Ok,M
27	Q2529-05	PO112147.D	09 Jul 2025 19:27	YP/AJ	Ok
28	Q2529-06	PO112148.D	09 Jul 2025 19:45	YP/AJ	Ok
29	Q2529-07	PO112149.D	09 Jul 2025 20:02	YP/AJ	Ok
30	AR1660CCC500	PO112150.D	09 Jul 2025 21:13	YP/AJ	Ok,M
31	AR1242CCC500	PO112151.D	09 Jul 2025 22:05	YP/AJ	Ok
32	AR1248CCC500	PO112152.D	09 Jul 2025 22:23	YP/AJ	Ok
33	AR1254CCC500	PO112153.D	09 Jul 2025 22:40	YP/AJ	Ok,M
34	I.BLK	PO112154.D	09 Jul 2025 22:57	YP/AJ	Ok
35	Q2529-08	PO112155.D	09 Jul 2025 23:15	YP/AJ	Ok
36	Q2529-09	PO112156.D	09 Jul 2025 23:33	YP/AJ	Ok
37	Q2529-10	PO112157.D	09 Jul 2025 23:52	YP/AJ	Ok
38	Q2526-01	PO112158.D	10 Jul 2025 00:09	YP/AJ	Ok
39	Q2528-11	PO112159.D	10 Jul 2025 00:27	YP/AJ	Ok,M
40	Q2549-03	PO112160.D	10 Jul 2025 00:46	YP/AJ	Ok,M
41	Q2549-04	PO112161.D	10 Jul 2025 01:04	YP/AJ	Ok,M
42	Q2549-05	PO112162.D	10 Jul 2025 01:23	YP/AJ	Ok,M
43	Q2549-06	PO112163.D	10 Jul 2025 01:41	YP/AJ	Ok,M
44	Q2549-07	PO112164.D	10 Jul 2025 01:58	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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	AR1660CCC500	PO112165.D	10 Jul 2025 03:11	YP/AJ	Ok,M
46	AR1242CCC500	PO112166.D	10 Jul 2025 03:48	YP/AJ	Ok,M
47	AR1248CCC500	PO112167.D	10 Jul 2025 04:06	YP/AJ	Ok,M
48	AR1254CCC500	PO112168.D	10 Jul 2025 04:25	YP/AJ	Ok,M
49	I.BLK	PO112169.D	10 Jul 2025 04:42	YP/AJ	Ok
50	Q2549-08	PO112170.D	10 Jul 2025 05:01	YP/AJ	Ok,M
51	Q2549-09	PO112171.D	10 Jul 2025 05:19	YP/AJ	Ok,M
52	Q2549-10	PO112172.D	10 Jul 2025 05:37	YP/AJ	Ok,M
53	Q2549-11	PO112173.D	10 Jul 2025 05:56	YP/AJ	Ok,M
54	Q2549-12	PO112174.D	10 Jul 2025 06:14	YP/AJ	Ok,M
55	PB168775BL	PO112175.D	10 Jul 2025 06:33	YP/AJ	Ok,M
56	PB168775BS	PO112176.D	10 Jul 2025 06:51	YP/AJ	Ok,M
57	AR1660CCC500	PO112177.D	10 Jul 2025 08:05	YP/AJ	Ok,M
58	AR1254CCC500	PO112178.D	10 Jul 2025 08:23	YP/AJ	Ok,M
59	I.BLK	PO112179.D	10 Jul 2025 08:42	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
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	PP073552.D	07 Jul 2025 20:13	YP\AJ	Ok
2	I.BLK	PP073553.D	07 Jul 2025 20:30	YP\AJ	Ok
3	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03	YP\AJ	Ok
4	AR1660ICC750	PP073555.D	07 Jul 2025 21:19	YP\AJ	Ok
5	AR1660ICC500	PP073556.D	07 Jul 2025 21:35	YP\AJ	Ok
6	AR1660ICC250	PP073557.D	07 Jul 2025 21:52	YP\AJ	Ok,M
7	AR1660ICC050	PP073558.D	07 Jul 2025 22:08	YP\AJ	Ok,M
8	AR1221ICC500	PP073559.D	07 Jul 2025 22:24	YP\AJ	Ok
9	AR1232ICC500	PP073560.D	07 Jul 2025 22:41	YP\AJ	Ok
10	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57	YP\AJ	Ok
11	AR1242ICC750	PP073562.D	07 Jul 2025 23:14	YP\AJ	Ok
12	AR1242ICC500	PP073563.D	07 Jul 2025 23:30	YP\AJ	Ok
13	AR1242ICC250	PP073564.D	07 Jul 2025 23:46	YP\AJ	Ok
14	AR1242ICC050	PP073565.D	08 Jul 2025 00:03	YP\AJ	Ok,M
15	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19	YP\AJ	Ok
16	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35	YP\AJ	Ok
17	AR1248ICC500	PP073568.D	08 Jul 2025 00:52	YP\AJ	Ok
18	AR1248ICC250	PP073569.D	08 Jul 2025 01:08	YP\AJ	Ok
19	AR1248ICC050	PP073570.D	08 Jul 2025 01:25	YP\AJ	Ok,M
20	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41	YP\AJ	Ok
21	AR1254ICC750	PP073572.D	08 Jul 2025 01:57	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	
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	PP073573.D	08 Jul 2025 02:14	YP\AJ	Ok
23	AR1254ICC250	PP073574.D	08 Jul 2025 02:30	YP\AJ	Ok
24	AR1254ICC050	PP073575.D	08 Jul 2025 02:46	YP\AJ	Ok,M
25	AR1262ICC500	PP073576.D	08 Jul 2025 03:03	YP\AJ	Ok
26	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19	YP\AJ	Ok
27	AR1268ICC750	PP073578.D	08 Jul 2025 03:35	YP\AJ	Ok
28	AR1268ICC500	PP073579.D	08 Jul 2025 03:52	YP\AJ	Ok
29	AR1268ICC250	PP073580.D	08 Jul 2025 04:08	YP\AJ	Ok,M
30	AR1268ICC050	PP073581.D	08 Jul 2025 04:24	YP\AJ	Ok,M
31	PP070125ICV500	PP073582.D	08 Jul 2025 04:41	YP\AJ	Ok
32	AR1242ICV500	PP073583.D	08 Jul 2025 05:30	YP\AJ	Ok
33	AR1248ICV500	PP073584.D	08 Jul 2025 05:46	YP\AJ	Ok
34	AR1254ICV500	PP073585.D	08 Jul 2025 06:19	YP\AJ	Ok
35	AR1268ICV500	PP073586.D	08 Jul 2025 06:52	YP\AJ	Ok
36	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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	PP073624.D	09 Jul 2025 08:55	YP\AJ	Ok
2	AR1660CCC500	PP073625.D	09 Jul 2025 09:42	YP\AJ	Ok
3	AR1242CCC500	PP073626.D	09 Jul 2025 10:01	YP\AJ	Ok
4	AR1248CCC500	PP073627.D	09 Jul 2025 10:18	YP\AJ	Ok
5	AR1254CCC500	PP073628.D	09 Jul 2025 10:34	YP\AJ	Ok
6	I.BLK	PP073629.D	09 Jul 2025 10:51	YP\AJ	Ok
7	DDT ANALOGUE	PP073630.D	09 Jul 2025 11:25	YP\AJ	Ok
8	PB168763BL	PP073631.D	09 Jul 2025 12:03	YP\AJ	Ok
9	PB168763BS	PP073632.D	09 Jul 2025 12:19	YP\AJ	Ok
10	Q2521-01	PP073633.D	09 Jul 2025 12:36	YP\AJ	Dilution
11	Q2521-02	PP073634.D	09 Jul 2025 12:52	YP\AJ	Ok,M
12	Q2521-03	PP073635.D	09 Jul 2025 13:09	YP\AJ	Ok,M
13	Q2521-04	PP073636.D	09 Jul 2025 13:25	YP\AJ	Ok,M
14	Q2528-01	PP073637.D	09 Jul 2025 13:41	YP\AJ	Ok,M
15	Q2528-02	PP073638.D	09 Jul 2025 13:58	YP\AJ	Ok,M
16	Q2528-03	PP073639.D	09 Jul 2025 14:14	YP\AJ	Ok,M
17	AR1660CCC500	PP073640.D	09 Jul 2025 15:20	YP\AJ	Ok,M
18	AR1242CCC500	PP073641.D	09 Jul 2025 15:37	YP\AJ	Ok
19	AR1248CCC500	PP073642.D	09 Jul 2025 15:53	YP\AJ	Ok
20	AR1254CCC500	PP073643.D	09 Jul 2025 16:09	YP\AJ	Ok
21	I.BLK	PP073644.D	09 Jul 2025 16:26	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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	PB168764BL	PP073645.D	09 Jul 2025 16:42	YP\AJ	Ok
23	PB168764BS	PP073646.D	09 Jul 2025 16:59	YP\AJ	Ok
24	Q2517-01	PP073647.D	09 Jul 2025 17:15	YP\AJ	Ok
25	Q2517-01MS	PP073648.D	09 Jul 2025 17:31	YP\AJ	Ok
26	Q2517-01MSD	PP073649.D	09 Jul 2025 17:48	YP\AJ	Ok
27	Q2519-01	PP073650.D	09 Jul 2025 18:04	YP\AJ	Ok
28	Q2523-01	PP073651.D	09 Jul 2025 18:20	YP\AJ	Ok
29	Q2523-02	PP073652.D	09 Jul 2025 18:37	YP\AJ	Ok
30	Q2523-03	PP073653.D	09 Jul 2025 18:53	YP\AJ	Ok,M
31	Q2524-01	PP073654.D	09 Jul 2025 19:10	YP\AJ	Ok
32	AR1660CCC500	PP073655.D	09 Jul 2025 20:17	YP\AJ	Ok
33	AR1242CCC500	PP073656.D	09 Jul 2025 21:22	YP\AJ	Ok
34	AR1248CCC500	PP073657.D	09 Jul 2025 21:39	YP\AJ	Ok
35	AR1254CCC500	PP073658.D	09 Jul 2025 21:55	YP\AJ	Ok
36	I.BLK	PP073659.D	09 Jul 2025 22:11	YP\AJ	Ok
37	PB168774BL	PP073660.D	09 Jul 2025 22:28	YP\AJ	Ok
38	PB168774BS	PP073661.D	09 Jul 2025 22:44	YP\AJ	Ok
39	Q2534-01	PP073662.D	09 Jul 2025 23:00	YP\AJ	Ok
40	Q2534-02	PP073663.D	09 Jul 2025 23:17	YP\AJ	Ok
41	Q2534-03	PP073664.D	09 Jul 2025 23:33	YP\AJ	Ok
42	Q2534-04	PP073665.D	09 Jul 2025 23:50	YP\AJ	Ok
43	Q2534-05	PP073666.D	10 Jul 2025 00:06	YP\AJ	Ok
44	Q2534-06	PP073667.D	10 Jul 2025 00:22	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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	Q2534-07	PP073668.D	10 Jul 2025 00:39	YP\AJ	Ok
46	Q2534-08	PP073669.D	10 Jul 2025 00:55	YP\AJ	Ok
47	AR1660CCC500	PP073670.D	10 Jul 2025 02:00	YP\AJ	Ok
48	AR1242CCC500	PP073671.D	10 Jul 2025 02:33	YP\AJ	Ok
49	AR1248CCC500	PP073672.D	10 Jul 2025 02:50	YP\AJ	Ok
50	AR1254CCC500	PP073673.D	10 Jul 2025 03:06	YP\AJ	Ok
51	I.BLK	PP073674.D	10 Jul 2025 03:22	YP\AJ	Ok
52	Q2541-01	PP073675.D	10 Jul 2025 03:39	YP\AJ	Ok,M
53	Q2541-02	PP073676.D	10 Jul 2025 03:55	YP\AJ	Ok,M
54	Q2544-01	PP073677.D	10 Jul 2025 04:11	YP\AJ	Ok,M
55	Q2544-02	PP073678.D	10 Jul 2025 04:28	YP\AJ	Ok
56	Q2544-03	PP073679.D	10 Jul 2025 04:44	YP\AJ	Not Ok
57	Q2544-04	PP073680.D	10 Jul 2025 05:00	YP\AJ	Ok
58	Q2544-05	PP073681.D	10 Jul 2025 05:17	YP\AJ	Ok,M
59	Q2544-06	PP073682.D	10 Jul 2025 05:33	YP\AJ	Ok,M
60	Q2549-01	PP073683.D	10 Jul 2025 05:49	YP\AJ	Ok,M
61	Q2549-02	PP073684.D	10 Jul 2025 06:06	YP\AJ	Ok,M
62	AR1660CCC500	PP073685.D	10 Jul 2025 07:11	YP\AJ	Ok,M
63	AR1242CCC500	PP073686.D	10 Jul 2025 07:27	YP\AJ	Ok
64	AR1248CCC500	PP073687.D	10 Jul 2025 07:44	YP\AJ	Ok
65	AR1254CCC500	PP073688.D	10 Jul 2025 08:00	YP\AJ	Ok
66	I.BLK	PP073689.D	10 Jul 2025 08:16	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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	PO112086.D	08 Jul 2025 13:32		YP/AJ	Ok
2	I.BLK	I.BLK	PO112087.D	08 Jul 2025 13:49		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06		YP/AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PO112089.D	08 Jul 2025 14:25		YP/AJ	Ok,M
5	AR1660ICC500	AR1660ICC500	PO112090.D	08 Jul 2025 14:43		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112091.D	08 Jul 2025 15:02		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112092.D	08 Jul 2025 15:21		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112093.D	08 Jul 2025 15:38		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112094.D	08 Jul 2025 15:57		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112096.D	08 Jul 2025 16:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112097.D	08 Jul 2025 16:52		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112098.D	08 Jul 2025 17:11		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO112099.D	08 Jul 2025 17:29		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112101.D	08 Jul 2025 18:05		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112102.D	08 Jul 2025 18:24		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112103.D	08 Jul 2025 18:41		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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	PO112104.D	08 Jul 2025 18:59		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112106.D	08 Jul 2025 19:35		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112107.D	08 Jul 2025 19:54		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112108.D	08 Jul 2025 20:11		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112109.D	08 Jul 2025 20:28		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112110.D	08 Jul 2025 20:47		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO112112.D	08 Jul 2025 21:22		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112113.D	08 Jul 2025 21:39		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112114.D	08 Jul 2025 21:57		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112115.D	08 Jul 2025 22:16		YP/AJ	Ok,M
31	PO070825ICV500	ICVPO070825	PO112116.D	08 Jul 2025 22:34		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO070825AR1242	PO112117.D	08 Jul 2025 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO070825AR1248	PO112118.D	08 Jul 2025 23:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO070825AR1254	PO112119.D	09 Jul 2025 00:24		YP/AJ	Ok
35	AR1268ICV500	ICVPO070825AR1268	PO112120.D	09 Jul 2025 01:01		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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	PO112121.D	09 Jul 2025 10:14		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112122.D	09 Jul 2025 10:31		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112123.D	09 Jul 2025 11:00		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO112124.D	09 Jul 2025 11:18		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO112125.D	09 Jul 2025 11:37		YP/AJ	Ok
6	I.BLK	I.BLK	PO112126.D	09 Jul 2025 11:54		YP/AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PO112127.D	09 Jul 2025 12:11		YP/AJ	Ok
8	Q2528-04	L5B	PO112128.D	09 Jul 2025 12:29		YP/AJ	Ok,M
9	Q2528-05	L6A	PO112129.D	09 Jul 2025 12:47		YP/AJ	Ok,M
10	Q2528-06	L6B	PO112130.D	09 Jul 2025 13:06		YP/AJ	Ok,M
11	Q2528-07	L7A	PO112131.D	09 Jul 2025 13:24		YP/AJ	Ok,M
12	Q2528-08	L7B	PO112132.D	09 Jul 2025 13:43		YP/AJ	Ok,M
13	Q2528-09	L8A	PO112133.D	09 Jul 2025 14:01		YP/AJ	Ok,M
14	Q2528-10	L8B	PO112134.D	09 Jul 2025 14:19		YP/AJ	Ok,M
15	AR1660CCC500	AR1660CCC500	PO112135.D	09 Jul 2025 15:32		YP/AJ	Ok,M
16	AR1242CCC500	AR1242CCC500	PO112136.D	09 Jul 2025 16:09		YP/AJ	Ok
17	AR1248CCC500	AR1248CCC500	PO112137.D	09 Jul 2025 16:28		YP/AJ	Ok
18	AR1254CCC500	AR1254CCC500	PO112138.D	09 Jul 2025 16:47		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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	

19	I.BLK	I.BLK	PO112139.D	09 Jul 2025 17:05		YP/AJ	Ok
20	Q2526-03	LAW-25-0102	PO112140.D	09 Jul 2025 17:23	all surrogate low	YP/AJ	Not Ok
21	Q2527-01	AR520-0015	PO112141.D	09 Jul 2025 17:41		YP/AJ	Ok
22	Q2527-03	LAW-PAD-070825	PO112142.D	09 Jul 2025 18:00		YP/AJ	Ok
23	Q2529-01	TP-91	PO112143.D	09 Jul 2025 18:17		YP/AJ	Ok
24	Q2529-02	TP-80	PO112144.D	09 Jul 2025 18:34		YP/AJ	Ok
25	Q2529-03	TP-79	PO112145.D	09 Jul 2025 18:52		YP/AJ	Ok
26	Q2529-04	TP-95	PO112146.D	09 Jul 2025 19:09		YP/AJ	Ok,M
27	Q2529-05	TP-98	PO112147.D	09 Jul 2025 19:27		YP/AJ	Ok
28	Q2529-06	TP-102	PO112148.D	09 Jul 2025 19:45		YP/AJ	Ok
29	Q2529-07	TP-101	PO112149.D	09 Jul 2025 20:02		YP/AJ	Ok
30	AR1660CCC500	AR1660CCC500	PO112150.D	09 Jul 2025 21:13		YP/AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PO112151.D	09 Jul 2025 22:05		YP/AJ	Ok
32	AR1248CCC500	AR1248CCC500	PO112152.D	09 Jul 2025 22:23		YP/AJ	Ok
33	AR1254CCC500	AR1254CCC500	PO112153.D	09 Jul 2025 22:40		YP/AJ	Ok,M
34	I.BLK	I.BLK	PO112154.D	09 Jul 2025 22:57		YP/AJ	Ok
35	Q2529-08	TP-89	PO112155.D	09 Jul 2025 23:15		YP/AJ	Ok
36	Q2529-09	TP-33	PO112156.D	09 Jul 2025 23:33		YP/AJ	Ok
37	Q2529-10	TP-30	PO112157.D	09 Jul 2025 23:52		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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	

38	Q2526-01	LAW-25-0101	PO112158.D	10 Jul 2025 00:09		YP/AJ	Ok
39	Q2528-11	L9A	PO112159.D	10 Jul 2025 00:27		YP/AJ	Ok,M
40	Q2549-03	BC226734-1-1	PO112160.D	10 Jul 2025 00:46		YP/AJ	Ok,M
41	Q2549-04	BC226734-1-2	PO112161.D	10 Jul 2025 01:04		YP/AJ	Ok,M
42	Q2549-05	BC226734-2-1	PO112162.D	10 Jul 2025 01:23	AR1254 hit	YP/AJ	Ok,M
43	Q2549-06	BC226734-2-2	PO112163.D	10 Jul 2025 01:41	AR1254 hit	YP/AJ	Ok,M
44	Q2549-07	JEI484M-1-1	PO112164.D	10 Jul 2025 01:58		YP/AJ	Ok,M
45	AR1660CCC500	AR1660CCC500	PO112165.D	10 Jul 2025 03:11		YP/AJ	Ok,M
46	AR1242CCC500	AR1242CCC500	PO112166.D	10 Jul 2025 03:48		YP/AJ	Ok,M
47	AR1248CCC500	AR1248CCC500	PO112167.D	10 Jul 2025 04:06		YP/AJ	Ok,M
48	AR1254CCC500	AR1254CCC500	PO112168.D	10 Jul 2025 04:25		YP/AJ	Ok,M
49	I.BLK	I.BLK	PO112169.D	10 Jul 2025 04:42		YP/AJ	Ok
50	Q2549-08	JEI484M-1-2	PO112170.D	10 Jul 2025 05:01	AR1254 hit	YP/AJ	Ok,M
51	Q2549-09	HZA852R-1-1	PO112171.D	10 Jul 2025 05:19		YP/AJ	Ok,M
52	Q2549-10	HZA852R-1-2	PO112172.D	10 Jul 2025 05:37		YP/AJ	Ok,M
53	Q2549-11	HZA852R-2-1	PO112173.D	10 Jul 2025 05:56		YP/AJ	Ok,M
54	Q2549-12	HZA852R-2-2	PO112174.D	10 Jul 2025 06:14		YP/AJ	Ok,M
55	PB168775BL	PB168775BL	PO112175.D	10 Jul 2025 06:33		YP/AJ	Ok,M
56	PB168775BS	PB168775BS	PO112176.D	10 Jul 2025 06:51		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070925

Review By	yogesh	Review On	7/9/2025 12:06:28 PM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:24 AM		
SubDirectory	PO070925	HP Acquire Method		HP Processing Method	PO070825

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	

57	AR1660CCC500	AR1660CCC500	PO112177.D	10 Jul 2025 08:05		YP/AJ	Ok,M
58	AR1254CCC500	AR1254CCC500	PO112178.D	10 Jul 2025 08:23		YP/AJ	Ok,M
59	I.BLK	I.BLK	PO112179.D	10 Jul 2025 08:42		YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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	PP073552.D	07 Jul 2025 20:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP073553.D	07 Jul 2025 20:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073555.D	07 Jul 2025 21:19		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073556.D	07 Jul 2025 21:35		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073557.D	07 Jul 2025 21:52		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP073558.D	07 Jul 2025 22:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073559.D	07 Jul 2025 22:24		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073560.D	07 Jul 2025 22:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073562.D	07 Jul 2025 23:14		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073563.D	07 Jul 2025 23:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073564.D	07 Jul 2025 23:46		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073565.D	08 Jul 2025 00:03		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19		YP\AJ	Ok
16	AR1248ICCC750	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073568.D	08 Jul 2025 00:52		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073569.D	08 Jul 2025 01:08		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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	PP073570.D	08 Jul 2025 01:25		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073572.D	08 Jul 2025 01:57		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073573.D	08 Jul 2025 02:14		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073574.D	08 Jul 2025 02:30		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073575.D	08 Jul 2025 02:46		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073576.D	08 Jul 2025 03:03		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073578.D	08 Jul 2025 03:35		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073579.D	08 Jul 2025 03:52		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073580.D	08 Jul 2025 04:08		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073581.D	08 Jul 2025 04:24		YP\AJ	Ok,M
31	PP070125ICV500	ICVPP070825	PP073582.D	08 Jul 2025 04:41		YP\AJ	Ok
32	AR1242ICV500	ICVPP070825AR1242	PP073583.D	08 Jul 2025 05:30		YP\AJ	Ok
33	AR1248ICV500	ICVPP070825AR1248	PP073584.D	08 Jul 2025 05:46		YP\AJ	Ok
34	AR1254ICV500	ICVPP070825AR1254	PP073585.D	08 Jul 2025 06:19		YP\AJ	Ok
35	AR1268ICV500	ICVPP070825AR1268	PP073586.D	08 Jul 2025 06:52		YP\AJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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	PP073624.D	09 Jul 2025 08:55		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073625.D	09 Jul 2025 09:42		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073626.D	09 Jul 2025 10:01		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073627.D	09 Jul 2025 10:18		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073628.D	09 Jul 2025 10:34		YP\AJ	Ok
6	I.BLK	I.BLK	PP073629.D	09 Jul 2025 10:51		YP\AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PP073630.D	09 Jul 2025 11:25		YP\AJ	Ok
8	PB168763BL	PB168763BL	PP073631.D	09 Jul 2025 12:03		YP\AJ	Ok
9	PB168763BS	PB168763BS	PP073632.D	09 Jul 2025 12:19		YP\AJ	Ok
10	Q2521-01	M1A	PP073633.D	09 Jul 2025 12:36	AR1254 Hit , Need 5x dilution	YP\AJ	Dilution
11	Q2521-02	M1B	PP073634.D	09 Jul 2025 12:52	AR1254 Hit	YP\AJ	Ok,M
12	Q2521-03	M2A	PP073635.D	09 Jul 2025 13:09		YP\AJ	Ok,M
13	Q2521-04	M2B	PP073636.D	09 Jul 2025 13:25		YP\AJ	Ok,M
14	Q2528-01	L4A	PP073637.D	09 Jul 2025 13:41		YP\AJ	Ok,M
15	Q2528-02	L4B	PP073638.D	09 Jul 2025 13:58		YP\AJ	Ok,M
16	Q2528-03	L5A	PP073639.D	09 Jul 2025 14:14		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP073640.D	09 Jul 2025 15:20	AR1260-2 Low in 1st column	YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP073641.D	09 Jul 2025 15:37		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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	

19	AR1248CCC500	AR1248CCC500	PP073642.D	09 Jul 2025 15:53		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073643.D	09 Jul 2025 16:09		YP\AJ	Ok
21	I.BLK	I.BLK	PP073644.D	09 Jul 2025 16:26		YP\AJ	Ok
22	PB168764BL	PB168764BL	PP073645.D	09 Jul 2025 16:42		YP\AJ	Ok
23	PB168764BS	PB168764BS	PP073646.D	09 Jul 2025 16:59		YP\AJ	Ok
24	Q2517-01	TP-14	PP073647.D	09 Jul 2025 17:15		YP\AJ	Ok
25	Q2517-01MS	TP-14MS	PP073648.D	09 Jul 2025 17:31		YP\AJ	Ok
26	Q2517-01MSD	TP-14MSD	PP073649.D	09 Jul 2025 17:48		YP\AJ	Ok
27	Q2519-01	TP-15	PP073650.D	09 Jul 2025 18:04		YP\AJ	Ok
28	Q2523-01	MOO-25-0190	PP073651.D	09 Jul 2025 18:20	AR1260, TCMX low in 2nd column	YP\AJ	Ok
29	Q2523-02	PAD-070825-1	PP073652.D	09 Jul 2025 18:37		YP\AJ	Ok
30	Q2523-03	PAD-070825-2	PP073653.D	09 Jul 2025 18:53	AR1242+1254 Hit	YP\AJ	Ok,M
31	Q2524-01	OLD RETENTION BAS	PP073654.D	09 Jul 2025 19:10		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP073655.D	09 Jul 2025 20:17		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP073656.D	09 Jul 2025 21:22		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP073657.D	09 Jul 2025 21:39		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073658.D	09 Jul 2025 21:55		YP\AJ	Ok
36	I.BLK	I.BLK	PP073659.D	09 Jul 2025 22:11		YP\AJ	Ok
37	PB168774BL	PB168774BL	PP073660.D	09 Jul 2025 22:28		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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	

38	PB168774BS	PB168774BS	PP073661.D	09 Jul 2025 22:44		YP\AJ	Ok
39	Q2534-01	VNJ-206#1	PP073662.D	09 Jul 2025 23:00	AR1248 Hit	YP\AJ	Ok
40	Q2534-02	VNJ-206#2	PP073663.D	09 Jul 2025 23:17	AR1248 Hit	YP\AJ	Ok
41	Q2534-03	VNJ-224#1	PP073664.D	09 Jul 2025 23:33	AR1248 Hit	YP\AJ	Ok
42	Q2534-04	VNJ-224#2	PP073665.D	09 Jul 2025 23:50	AR1248 Hit	YP\AJ	Ok
43	Q2534-05	VNJ-232#1	PP073666.D	10 Jul 2025 00:06	AR1248 Hit	YP\AJ	Ok
44	Q2534-06	VNJ-232#2	PP073667.D	10 Jul 2025 00:22	AR1248 Hit	YP\AJ	Ok
45	Q2534-07	VNJ-227#1	PP073668.D	10 Jul 2025 00:39	AR1248 Hit	YP\AJ	Ok
46	Q2534-08	VNJ-227#2	PP073669.D	10 Jul 2025 00:55	AR1248 Hit	YP\AJ	Ok
47	AR1660CCC500	AR1660CCC500	PP073670.D	10 Jul 2025 02:00		YP\AJ	Ok
48	AR1242CCC500	AR1242CCC500	PP073671.D	10 Jul 2025 02:33		YP\AJ	Ok
49	AR1248CCC500	AR1248CCC500	PP073672.D	10 Jul 2025 02:50		YP\AJ	Ok
50	AR1254CCC500	AR1254CCC500	PP073673.D	10 Jul 2025 03:06		YP\AJ	Ok
51	I.BLK	I.BLK	PP073674.D	10 Jul 2025 03:22		YP\AJ	Ok
52	Q2541-01	HED664T-1-1	PP073675.D	10 Jul 2025 03:39	AR1254 Hit	YP\AJ	Ok,M
53	Q2541-02	HED664T-1-2	PP073676.D	10 Jul 2025 03:55		YP\AJ	Ok,M
54	Q2544-01	Y 2307-0174-1-1	PP073677.D	10 Jul 2025 04:11		YP\AJ	Ok,M
55	Q2544-02	Y 2307-0174-1-2	PP073678.D	10 Jul 2025 04:28		YP\AJ	Ok
56	Q2544-03	BC 258874-1-1	PP073679.D	10 Jul 2025 04:44	Looks like hexan	YP\AJ	Not Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP071025

Review By	yogesh	Review On	7/9/2025 10:40:08 AM		
Supervise By	mohammad	Supervise On	7/11/2025 1:37:31 AM		
SubDirectory	PP071025	HP Acquire Method		HP Processing Method	PP070825

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	

57	Q2544-04	BC 258874-1-2	PP073680.D	10 Jul 2025 05:00		YP\AJ	Ok
58	Q2544-05	BC 274857-1-1	PP073681.D	10 Jul 2025 05:17	AR1254 Hit	YP\AJ	Ok,M
59	Q2544-06	BC 274857-1-2	PP073682.D	10 Jul 2025 05:33	AR1254 Hit	YP\AJ	Ok,M
60	Q2549-01	BC271242-1-1	PP073683.D	10 Jul 2025 05:49		YP\AJ	Ok,M
61	Q2549-02	BC271242-1-2	PP073684.D	10 Jul 2025 06:06		YP\AJ	Ok,M
62	AR1660CCC500	AR1660CCC500	PP073685.D	10 Jul 2025 07:11		YP\AJ	Ok,M
63	AR1242CCC500	AR1242CCC500	PP073686.D	10 Jul 2025 07:27		YP\AJ	Ok
64	AR1248CCC500	AR1248CCC500	PP073687.D	10 Jul 2025 07:44		YP\AJ	Ok
65	AR1254CCC500	AR1254CCC500	PP073688.D	10 Jul 2025 08:00		YP\AJ	Ok
66	I.BLK	I.BLK	PP073689.D	10 Jul 2025 08:16		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/08/2025
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: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136392

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
Q2519-01	TP-15	1	1.15	10.19	11.34	9.86	85.5	
Q2519-02	TP-15 EPH	2	1.19	10.75	11.94	10.4	85.7	
Q2519-03	TP-15 VOC	3	1.19	10.57	11.76	10.3	86.2	
Q2521-01	M1A	4	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-02	M1B	5	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-03	M2A	6	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-04	M2B	7	1.00	1.00	2.00	2.00	100.0	PILC
Q2523-01	MOO-25-0190	8	1.15	10.15	11.3	10.95	96.6	
Q2523-02	PAD-070825-1	9	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2523-03	PAD-070825-2	10	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2524-01	OLD RETENTION BASIN 40TH	11	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2526-01	LAW-25-0101	12	1.00	1.00	2.00	2.00	100.0	debris
Q2526-02	LAW-25-0101	13	1.00	1.00	2.00	2.00	100.0	debris
Q2526-03	LAW-25-0102	14	1.15	10.84	11.99	5.76	42.5	
Q2526-04	LAW-25-0102	15	1.15	11.15	12.3	6.73	50.0	
Q2527-01	AR520-0015	16	1.15	10.73	11.88	9.58	78.6	
Q2527-02	AR520-0015	17	1.19	10.03	11.22	10.7	94.8	
Q2527-03	LAW-PAD-070825	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2528-01	L4A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-02	L4B	20	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-03	L5A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-04	L5B	22	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-05	L6A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-06	L6B	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-07	L7A	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-08	L7B	26	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-09	L8A	27	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-10	L8B	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/08/2025
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: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136392

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
Q2528-11	L9A	29	1.00	1.00	2.00	2.00	100.0	PILC
Q2529-01	TP-91	30	1.18	9.93	11.11	10.21	90.9	
Q2529-02	TP-80	31	1.13	10.34	11.47	10.51	90.7	
Q2529-03	TP-79	32	1.15	10.84	11.99	10.97	90.6	
Q2529-04	TP-95	33	1.14	10.81	11.95	10.19	83.7	
Q2529-05	TP-98	34	1.18	10.80	11.98	10.56	86.9	
Q2529-06	TP-102	35	1.16	10.24	11.4	10.95	95.6	
Q2529-07	TP-101	36	1.18	10.78	11.96	10.85	89.7	
Q2529-08	TP-89	37	1.14	10.39	11.53	10.5	90.1	
Q2529-09	TP-33	38	1.16	10.36	11.52	10.54	90.5	
Q2529-10	TP-30	39	1.17	10.78	11.95	11.02	91.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB136392

WorkList Name : %1-070825 **WorkList ID :** 190583 **Department :** Wet-Chemistry **Date :** 07-08-2025 09:34:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2519-01	TP-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2519-02	TP-15 EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2519-03	TP-15 VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2521-01	M1A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-02	M1B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-03	M2A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-04	M2B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-01	MOO-25-0190	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-02	PAD-070825-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-03	PAD-070825-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2524-01	OLD RETENTION BASIN 40TH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-01	LAW-25-0101	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-02	LAW-25-0101	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-03	LAW-25-0102	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-04	LAW-25-0102	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2527-01	AR520-0015	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2527-02	AR520-0015	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2527-03	LAW-PAD-070825	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2528-01	L4A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-02	L4B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-03	L5A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO

Date/Time 07/08/25 15:35

Raw Sample Received by: JR WOC1

Raw Sample Relinquished by: CP SM

Date/Time 07/08/25 17:15

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JR WOC1

WORKLIST(Hardcopy Internal Chain)

136392

WorkList Name : %1-070825 **WorkList ID :** 190583 **Department :** Wet-Chemistry **Date :** 07-08-2025 09:34:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2528-04	L5B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-05	L6A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-06	L6B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-07	L7A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-08	L7B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-09	L8A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-10	L8B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-11	L9A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2529-01	TP-91	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2529-02	TP-80	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/03/2025	Chemtech -SO
Q2529-03	TP-79	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-04	TP-95	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-05	TP-98	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-06	TP-102	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-07	TP-101	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-08	TP-89	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-09	TP-33	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/08/2025	Chemtech -SO
Q2529-10	TP-30	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/08/2025	Chemtech -SO

Date/Time 07/08/25 15:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 07/08/25 17:15

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168764

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	07/09/2025
Matrix :	Solid			**Extraction Start Time :**	08:20
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/09/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:45
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 ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	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	E3951
Hexane	N/A	E3950
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, Q2526-01 used Limited volume as sample is 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
7/9/25	RS (Ext-lab)	Y.P. RS HPLC
11:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168764

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/09/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168764BL	ABLK764	PCB	30.01	N/A	ritesh	Evelyn	10			U6-1
PB168764BS	ALCS764	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2517-01	TP-14	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q2517-01MS	TP-14MS	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q2517-01MSD	TP-14MSD	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
Q2519-01	TP-15	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2523-01	MOO-25-0190	PCB	30.01	N/A	ritesh	Evelyn	10	E	Small Partical	U1-1
Q2523-02	PAD-070825-1	PCB	30.06	N/A	ritesh	Evelyn	10	B	Concrete	2
Q2523-03	PAD-070825-2	PCB	30.04	N/A	ritesh	Evelyn	10	B	Concrete	3
Q2524-01	OLD RETENTION BASIN 40TH	PCB	30.07	N/A	ritesh	Evelyn	10	B	Concrete	4
Q2526-01	LAW-25-0101	PCB	5.07	N/A	ritesh	Evelyn	10	D	Oily Debris	5
Q2526-03	LAW-25-0102	PCB	30.03	N/A	ritesh	Evelyn	10	D	Small Partical	6
Q2527-01	AR520-0015	PCB	30.04	N/A	ritesh	Evelyn	10	E		U2-1
Q2527-03	LAW-PAD-070825	PCB	30.02	N/A	ritesh	Evelyn	10	B	Concrete	2
Q2529-01	TP-91	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2529-02	TP-80	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q2529-03	TP-79	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q2529-04	TP-95	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2529-05	TP-98	PCB	30.01	N/A	ritesh	Evelyn	10	E		U3-1
Q2529-06	TP-102	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2529-07	TP-101	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q2529-08	TP-89	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q2529-09	TP-33	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q2529-10	TP-30	PCB	30.02	N/A	ritesh	Evelyn	10	E		6

RS
7/9

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

168761
8:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2519 **WorkList ID :** 190599 **Department :** Extraction **Date :** 07-09-2025 08:12:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2517-01	TP-14	Solid	PCB	Cool 4 deg C	PSEG03	O23	07/07/2025	8082A
Q2519-01	TP-15	Solid	PCB	Cool 4 deg C	PSEG03	O11	07/08/2025	8082A
Q2523-01	MOO-25-0190	Solid	PCB	Cool 4 deg C	PSEG03	O21	07/08/2025	8082A
Q2523-02	PAD-070825-1	Solid	PCB	Cool 4 deg C	PSEG03	O21	07/08/2025	8082A
Q2523-03	PAD-070825-2	Solid	PCB	Cool 4 deg C	PSEG03	O21	07/08/2025	8082A
Q2524-01	OLD RETENTION BASIN 40TH	Solid	PCB	Cool 4 deg C	PSEG03	O21	07/08/2025	8082A
Q2526-01	LAW-25-0101	Solid	PCB	Cool 4 deg C	PSEG03	O13	07/08/2025	8082A
Q2526-03	LAW-25-0102	Solid	PCB	Cool 4 deg C	PSEG03	O13	07/08/2025	8082A
Q2527-01	AR520-0015	Solid	PCB	Cool 4 deg C	PSEG03	O22	07/08/2025	8082A
Q2527-03	LAW-PAD-070825	Solid	PCB	Cool 4 deg C	PSEG03	O22	07/08/2025	8082A
Q2529-01	TP-91	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/03/2025	8082A
Q2529-02	TP-80	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-03	TP-79	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-04	TP-95	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-05	TP-98	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-06	TP-102	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-07	TP-101	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/07/2025	8082A
Q2529-08	TP-89	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/08/2025	8082A
Q2529-09	TP-33	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/08/2025	8082A
Q2529-10	TP-30	Solid	PCB	Cool 4 deg C	CAMP02	O11	07/08/2025	8082A

Date/Time 07/09/25 8:15
Raw Sample Received by: RJ (FEDEX-Lab)
Raw Sample Relinquished by: CL

Date/Time 07/09/25 8:45
Raw Sample Received by: CL
Raw Sample Relinquished by: RJ (FEDEX-Lab)

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. / QUOTE NO. Q2529
COC Number 2047550

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: FELIPE CONTRERAS
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

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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 TCL VOC
2 TCL SVOC
3 TAL METALS
4 PESTICIDES
5 HERBICIDES
6 PCB's
7 DRO/GRO
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-91	S		X	7/3/25	1335	6	X	X	X	X	X	X	X			E
2.	TP-80	S		X	7/7/25	0830	6	X	X	X	X	X	X	X			E
3.	TP-79	S		X	7/7/25	0930	6	X	X	X	X	X	X	X			E
4.	TP-95	S		X	7/7/25	1025	6	X	X	X	X	X	X	X			E
5.	TP-98	S		X	7/7/25	1100	6	X	X	X	X	X	X	X			E
6.	TP-102	S		X	7/7/25	1200	6	X	X	X	X	X	X	X			E
7.	TP-101	S		X	7/7/25	1505	6	X	X	X	X	X	X	X			E
8.	TP-89	S		X	7/8/25	0810	6	X	X	X	X	X	X	X			E
9.	TP-33	S		X	7/8/25	1015	6	X	X	X	X	X	X	X			E
10.	TP-30	S		X	7/8/25	1145	6	X	X	X	X	X	X	X			E

PRESERVATIVES: 1 2 3 4 5 6 7 8 9
COMMENTS ← Specify Preservatives: A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

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

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1.	7/8/25 1422	RECEIVED BY: 1. 7-8-25 1422
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1530 7825	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.2 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2529 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 7/8/2025 3:36:00 PM
Project Name : South River WM Replacem
Receive DateTime : 7/8/2025 3:30:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2 4
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2529-01	TP-91	Solid	07/03/2025	13:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-02	TP-80	Solid	07/07/2025	08:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-03	TP-79	Solid	07/07/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-04	TP-95	Solid	07/07/2025	10:25					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-05	TP-98	Solid	07/07/2025	11:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-06	TP-102	Solid	07/07/2025	12:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-07	TP-101	Solid	07/07/2025	15:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2529-08	TP-89	Solid	07/08/2025	08:10					

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					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-09	TP-33	Solid	07/08/2025	10:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-10	TP-30	Solid	07/08/2025	11:45					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinguished By :
Date / Time : 7-8-25 1615

Received By : JC
Date / Time : 7/8/25 1615

Storage Area : VOA Refridgerator Room