

Cover Page

Order ID : Q2467

Project ID : PS 452 - 2025SCA022

Client : ATC Group Services LLC

Lab Sample Number

Q2467-01

Client Sample Number

1A-1B-1C-Fire Stopper Caulk

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: 7/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

ATC Group Services LLC

Project Name: PS 452 - 2025SCA022

Project # N/A

Order ID # Q2467

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 06/30/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB Group1. This data package contains results for PCB Group1.

C. Analytical Techniques:

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 PCB Group1s 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 met the acceptable criteria.

The Retention Times were acceptable for all samples.

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 met the requirements .

E. Additional Comments:

No MSMSD performed as samples are caulk matrix.

Less volume was taken for samples at the extraction due to CAULKING matrix.

Samples were received on 06/30/2025, 14:00 and composited in the Lab on 06/30/2025, 15:00

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

F. Manual Integration Comments:

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



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Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2467

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 Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 07/11/2025

LAB CHRONICLE

OrderID: Q2467
Client: ATC Group Services LLC
Contact: Olga Seldinas

OrderDate: 6/30/2025 2:48:00 PM
Project: PS 452 - 2025SCA022
Location: A61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2467-01	1A-1B-1C-Fire Stopher Caulk	SOIL	PCB Group1	8082A	06/30/25	07/02/25	07/02/25	06/30/25



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Hit Summary Sheet
SW-846

SDG No.: Q2467

Order ID: Q2467

Client: ATC Group Services LLC

Project ID: PS 452 - 2025SCA022

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

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: Q2467

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO111586.D	PIBLK-PO111586.D	Tetrachloro-m-xyl	1	20	20.3	102		60	140
		Decachlorobiphen	1	20	20.7	104		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	20.5	103		60	140
I.BLK-PO111971.D	PIBLK-PO111971.D	Tetrachloro-m-xyl	1	20	20.1	101		60	140
		Decachlorobiphen	1	20	18.2	91		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
PB168691BL	PB168691BL	Tetrachloro-m-xyl	1	20	20.9	104		32	144
		Decachlorobiphen	1	20	18.6	93		32	175
		Tetrachloro-m-xyl	2	20	19.5	97		32	144
		Decachlorobiphen	2	20	20.3	101		32	175
PB168691BS	PB168691BS	Tetrachloro-m-xyl	1	20	19.9	100		32	144
		Decachlorobiphen	1	20	19.3	96		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	20.8	104		32	175
Q2467-01	1A-1B-1C-Fire Stopher Caulk-Rc	Tetrachloro-m-xyl	1	20	19.7	99		32	144
		Decachlorobiphen	1	20	18.1	90		32	175
		Tetrachloro-m-xyl	2	20	19.1	96		32	144
		Decachlorobiphen	2	20	20.4	102		32	175
I.BLK-PO111985.D	PIBLK-PO111985.D	Tetrachloro-m-xyl	1	20	20.3	102		60	140
		Decachlorobiphen	1	20	17.7	89		60	140
		Tetrachloro-m-xyl	2	20	19.2	96		60	140
		Decachlorobiphen	2	20	20.2	101		60	140



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2467

Analytical Method: 8082A

Client: ATC Group Services LLC

Datafile : PO111975.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168691BS (Column 1)	AR1016	166.6	158	ug/kg	95				71	120	
	AR1260	166.6	167	ug/kg	100				65	130	
	Total PCBs	0	325	ug/kg					0	0	
PB168691BS (Column 2)	AR1016	166.6	166	ug/kg	100				71	120	
	AR1260	166.6	168	ug/kg	101				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168691BL

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2467

Lab Sample ID: PB168691BL

Lab File ID: PO111974.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/02/2025

Date Analyzed (1): 07/02/2025

Date Analyzed (2): 07/02/2025

Time Analyzed (1): 13:02

Time Analyzed (2): 13:02

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168691BS	PB168691BS	PO111975.D	07/02/2025	07/02/2025
1A-1B-1C-Fire Stopper Caulk-Red	Q2467-01	PO111977.D	07/02/2025	07/02/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	06/30/25
Project:	PS 452 - 2025SCA022	Date Received:	06/30/25
Client Sample ID:	1A-1B-1C-Fire Stopher Caulk	SDG No.:	Q2467
Lab Sample ID:	Q2467-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	2.13	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111977.D	1	07/02/25 08:15	07/02/25 13:54	PB168691

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	55.6	U	55.6	239	ug/kg
11104-28-2	Aroclor-1221	56.8	U	56.8	239	ug/kg
11141-16-5	Aroclor-1232	52.4	U	52.4	239	ug/kg
53469-21-9	Aroclor-1242	56.5	U	56.5	239	ug/kg
12672-29-6	Aroclor-1248	83.4	U	83.4	239	ug/kg
11097-69-1	Aroclor-1254	45.2	U	45.2	239	ug/kg
37324-23-5	Aroclor-1262	70.7	U	70.7	239	ug/kg
11100-14-4	Aroclor-1268	50.7	U	50.7	239	ug/kg
11096-82-5	Aroclor-1260	45.5	U	45.5	239	ug/kg
Total PCBs	Total PCBs	83.4	U	83.4	239	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.7		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		32 - 175	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070225\
Data File : PO111977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:54
Operator : YP/AJ
Sample : Q2467-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
1A-1B-1C-Fire Stopher Caulk-Red

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 14:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.673	3.671	113.5E6	107.5E6	19.711	19.131
2) SA Decachlor...	8.706	8.656	94980117	36330610	18.094	20.437

Target Compounds

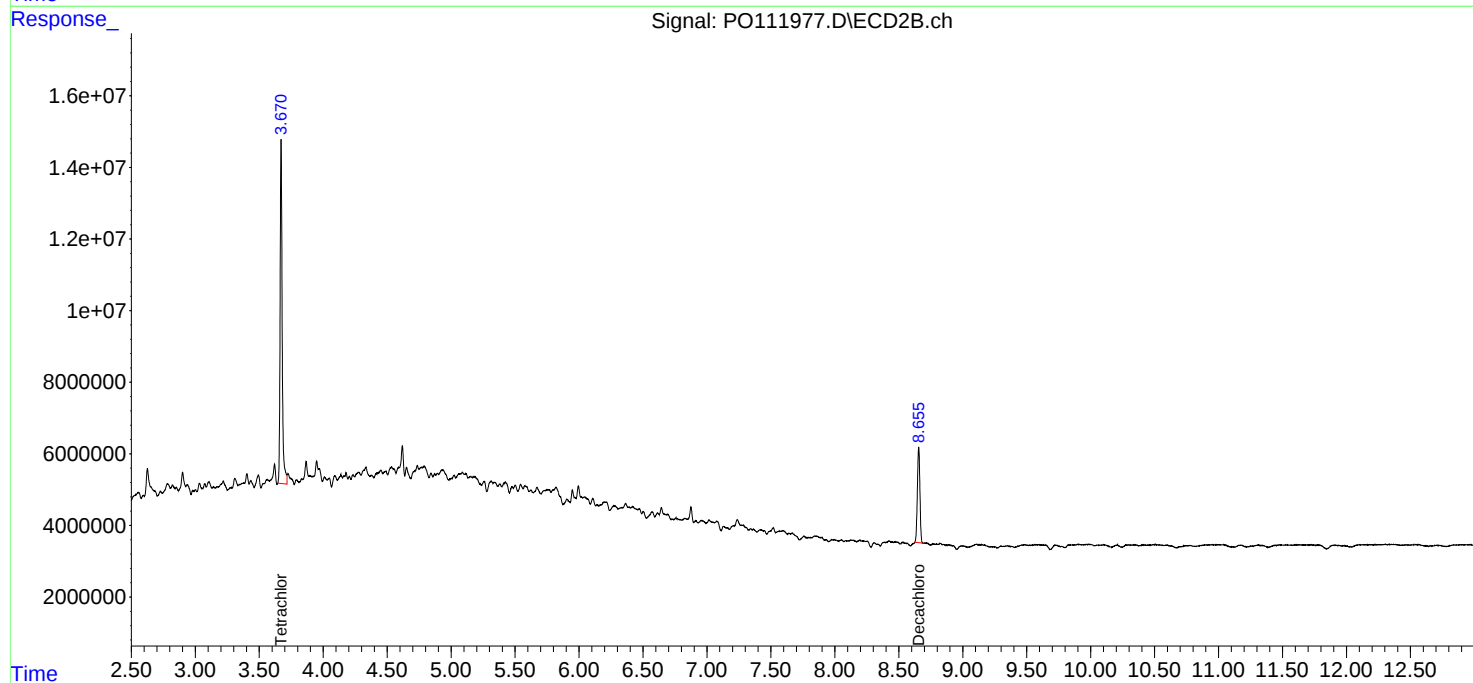
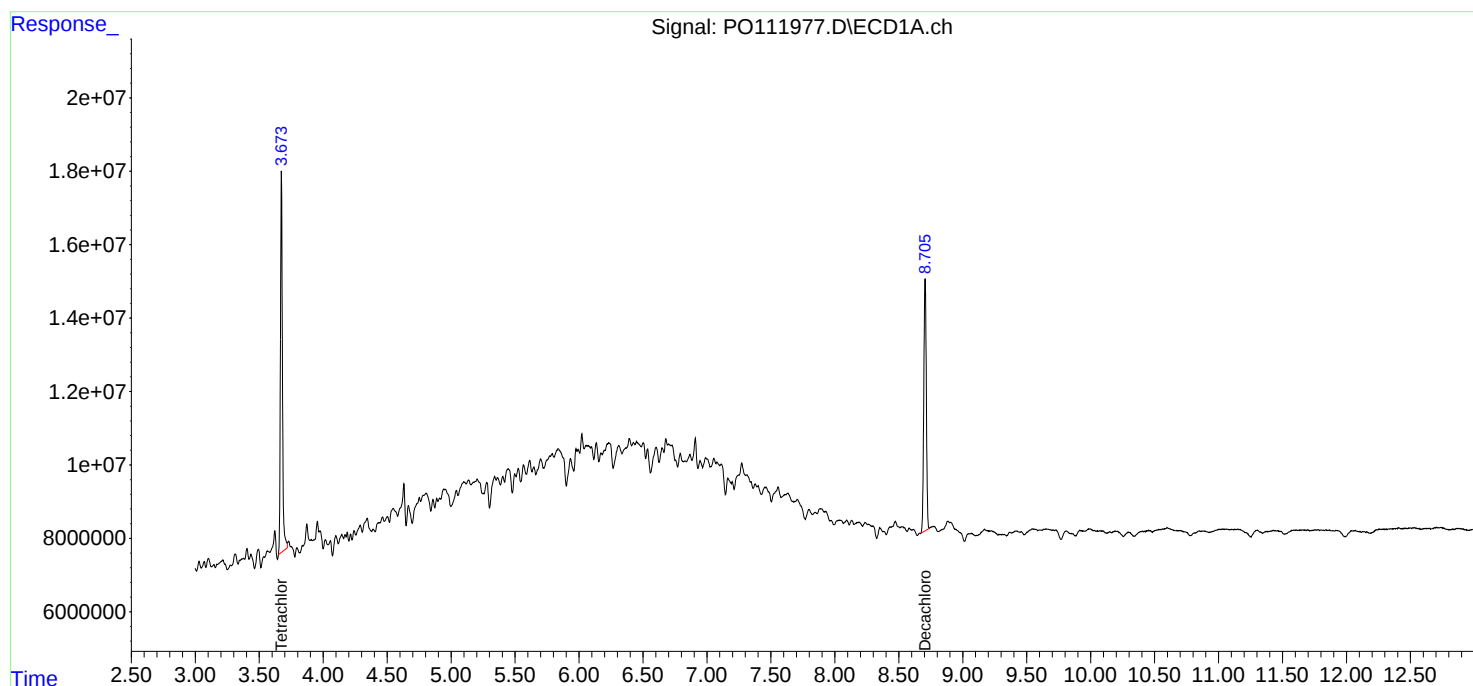
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

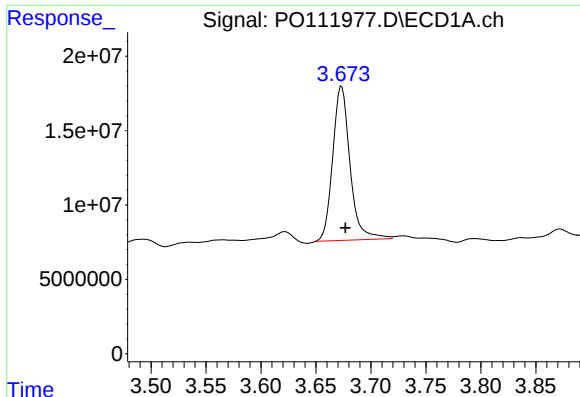
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:54
Operator : YP/AJ
Sample : Q2467-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
1A-1B-1C-Fire Stopher Caulk-Red

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 14:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 Tetrachloro-m-xylene

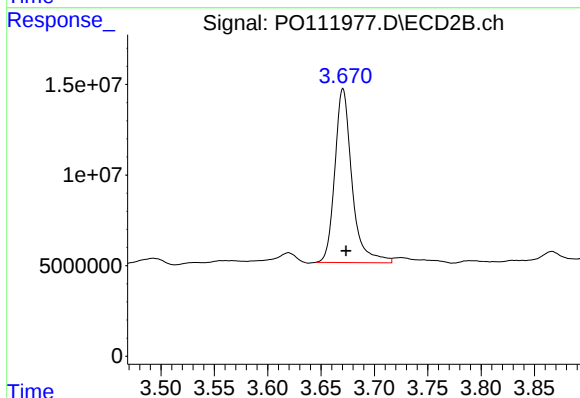
R.T.: 3.673 min
Delta R.T.: -0.004 min
Response: 113522801
Conc: 19.71 ng/ml

Instrument :

ECD_O

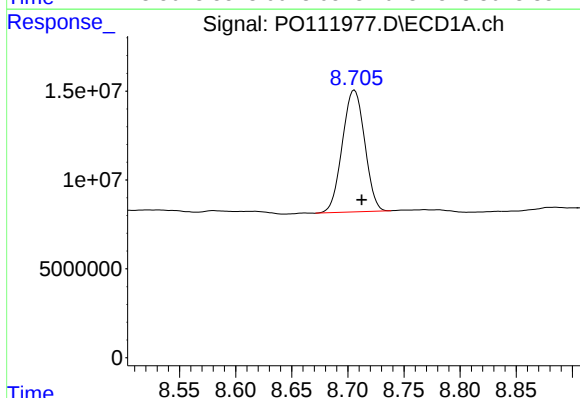
ClientSampleId :

1A-1B-1C-Fire Stopher Caulk-Red



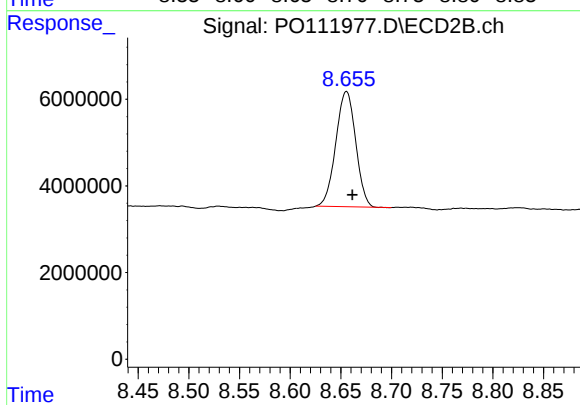
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.003 min
Response: 107465953
Conc: 19.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.007 min
Response: 94980117
Conc: 18.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.006 min
Response: 36330610
Conc: 20.44 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: ATCE02
Lab Code: CHEM **Case No.:** Q2467 **SAS No.:** Q2467 **SDG NO.:** Q2467
Instrument ID: ECD_O **Calibration Date(s):** 06/11/2025 06/11/2025
Calibration Times: 10:40 19:07

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

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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ATCE02</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2467</u>	SAS No.:	<u>Q2467</u>	SDG NO.:	<u>Q2467</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):		<u>06/11/2025</u>	<u>06/11/2025</u>		
		Calibration Times:		<u>10:40</u>	<u>19:07</u>		

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

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

[illegible]

[illegible]



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Instrument ID: ECD_O

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

Calibration Times: 10:40 19:07

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

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Instrument ID: ECD_O Calibration Date(s): 06/11/2025 06/11/2025

Calibration Times: 10:40 19:07

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

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Instrument ID: ECD_O Date(s) Analyzed: 06/11/2025 06/11/2025

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

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



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Instrument ID: ECD_O Date(s) Analyzed: 06/11/2025 06/11/2025

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

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

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

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:47:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	555.8E6	558.6E6	96.784	98.180
2) SA Decachlor...	8.713	8.661	490.2E6	166.4E6	95.972	95.859
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	220.5E6	180.8E6	949.220	959.099
4) L1 AR-1016-2	4.784	4.769	319.5E6	269.5E6	960.787	967.196
5) L1 AR-1016-3	4.842	4.944	218.7E6	141.4E6	950.116	960.640
6) L1 AR-1016-4	4.961	4.987	174.9E6	112.4E6	954.448	948.166
7) L1 AR-1016-5	5.219	5.199	177.5E6	145.6E6	957.056	957.407
31) L7 AR-1260-1	6.257	6.229	321.8E6	232.9E6	946.700	958.388
32) L7 AR-1260-2	6.447	6.417	433.7E6	272.9E6	954.776	963.035
33) L7 AR-1260-3	6.814	6.569	393.5E6	248.3E6	956.141	966.019
34) L7 AR-1260-4	7.074	7.040	282.3E6	171.2E6	944.692	947.706
35) L7 AR-1260-5	7.317	7.281	781.7E6	395.6E6	968.752	964.978

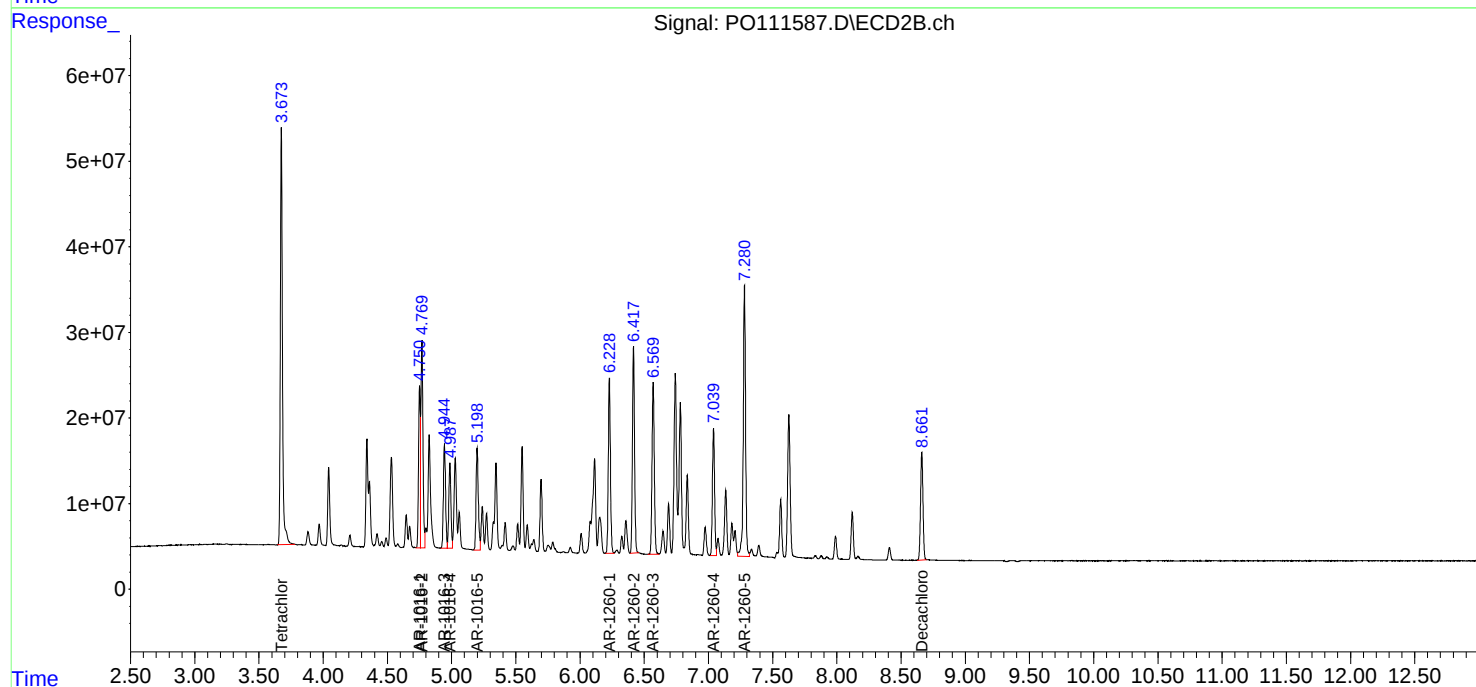
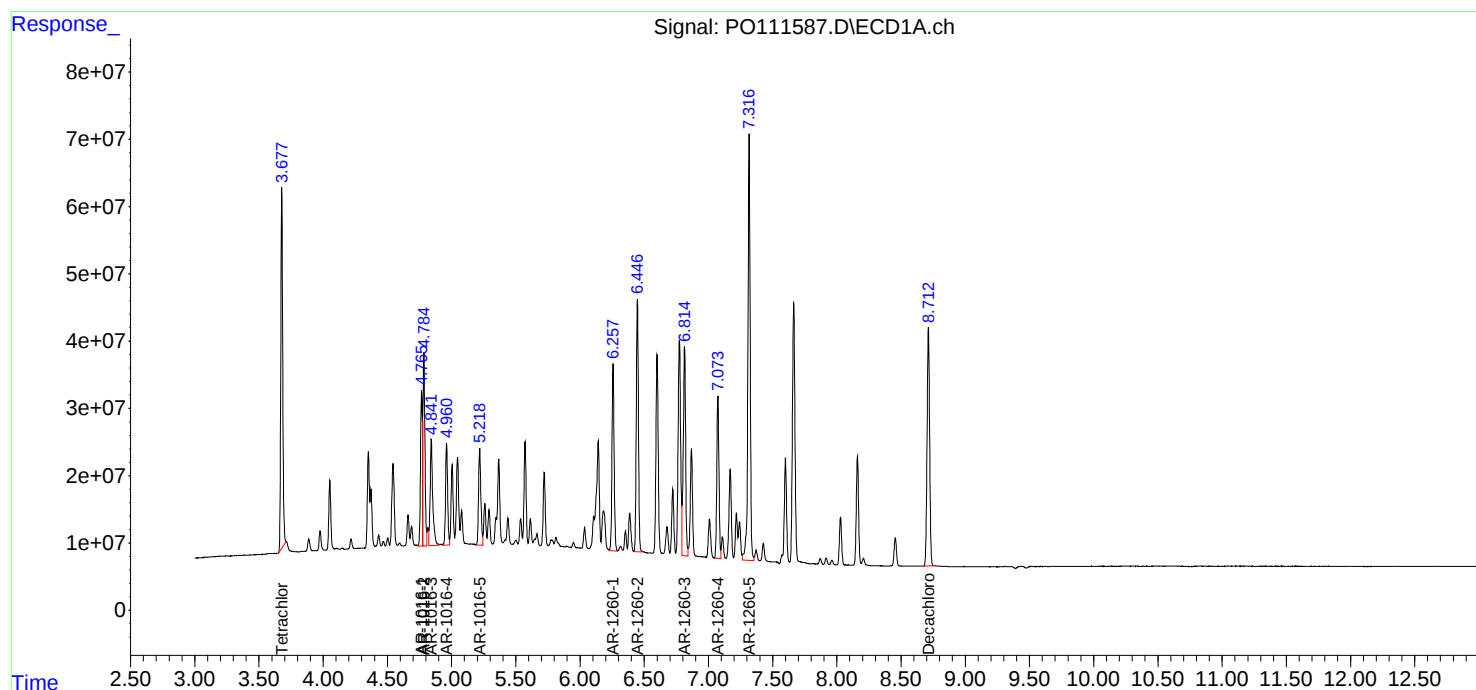
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:49:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.674	430.8E6	427.6E6	75.007	75.108
2) SA Decachlor...	8.713	8.661	383.2E6	130.7E6	75.017	75.183
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	172.6E6	141.9E6	745.403	751.801
4) L1 AR-1016-2	4.785	4.769	250.3E6	207.8E6	751.782	747.072
5) L1 AR-1016-3	4.842	4.944	171.7E6	110.1E6	747.371	748.706
6) L1 AR-1016-4	4.962	4.987	137.2E6	88439125	749.293	747.424
7) L1 AR-1016-5	5.219	5.199	138.5E6	113.8E6	748.029	748.739
31) L7 AR-1260-1	6.257	6.228	253.1E6	181.7E6	746.377	748.442
32) L7 AR-1260-2	6.447	6.417	339.5E6	212.7E6	748.277	750.445
33) L7 AR-1260-3	6.813	6.569	308.1E6	192.7E6	749.048	749.738
34) L7 AR-1260-4	7.073	7.039	224.5E6	135.4E6	750.835	750.003
35) L7 AR-1260-5	7.316	7.280	608.0E6	309.9E6	752.345	753.935

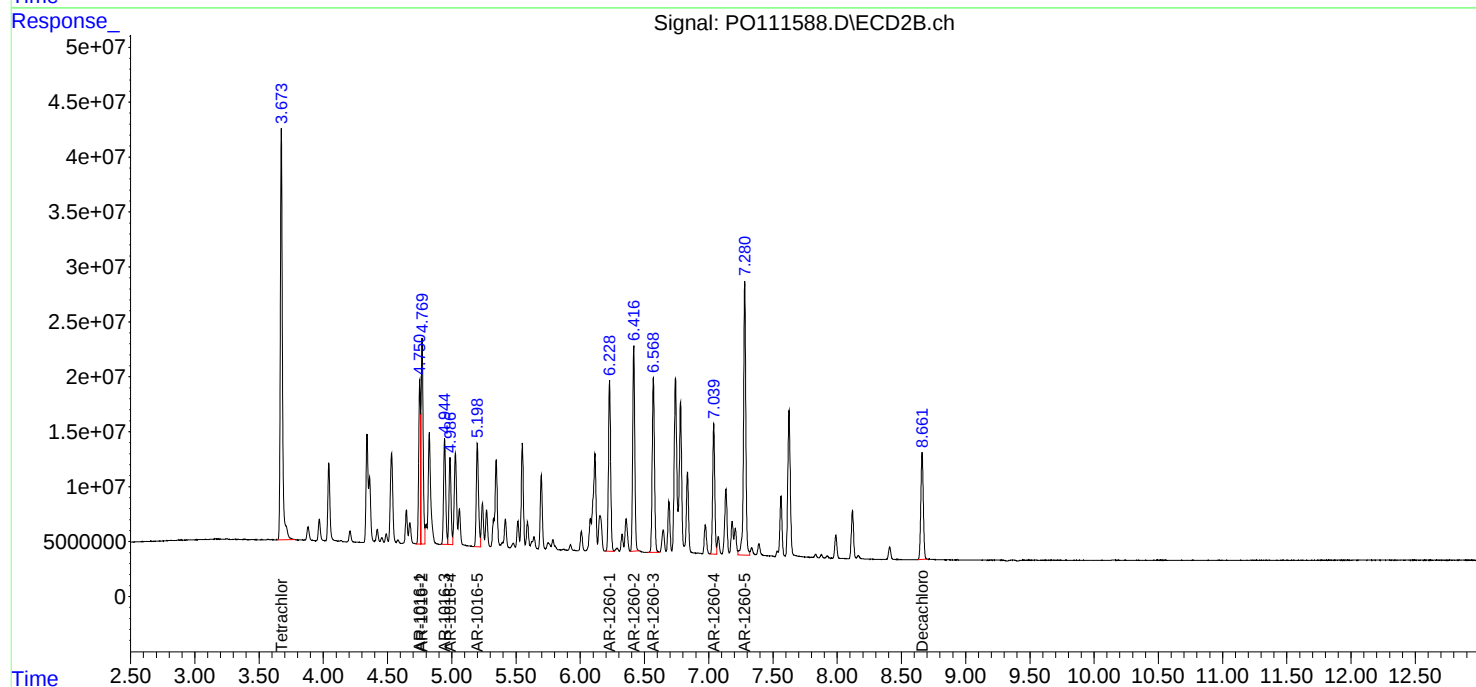
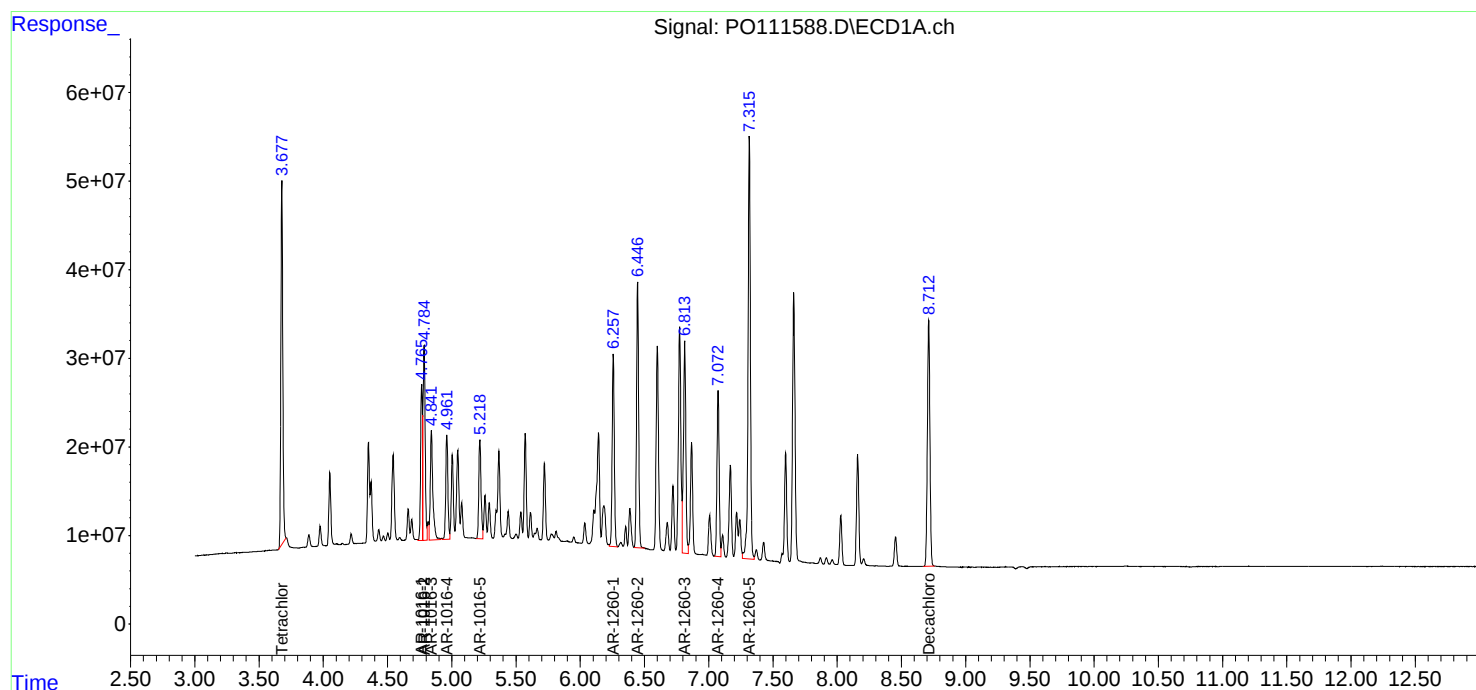
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 11:17
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:44:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.673	296.4E6	289.6E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	265.7E6	90408461	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	122.1E6	98131800	500.000	500.000
4) L1 AR-1016-2	4.784	4.769	172.8E6	143.9E6	500.000	500.000
5) L1 AR-1016-3	4.841	4.944	120.8E6	76494248	500.000	500.000
6) L1 AR-1016-4	4.961	4.987	95790139	62336179	500.000	500.000
7) L1 AR-1016-5	5.218	5.199	96695414	79297809	500.000	500.000
31) L7 AR-1260-1	6.257	6.229	179.0E6	126.6E6	500.000	500.000
32) L7 AR-1260-2	6.446	6.416	237.4E6	146.9E6	500.000	500.000
33) L7 AR-1260-3	6.813	6.569	214.8E6	132.9E6	500.000	500.000
34) L7 AR-1260-4	7.072	7.039	157.7E6	95019334	500.000	500.000
35) L7 AR-1260-5	7.316	7.281	416.1E6	212.1E6	500.000	500.000

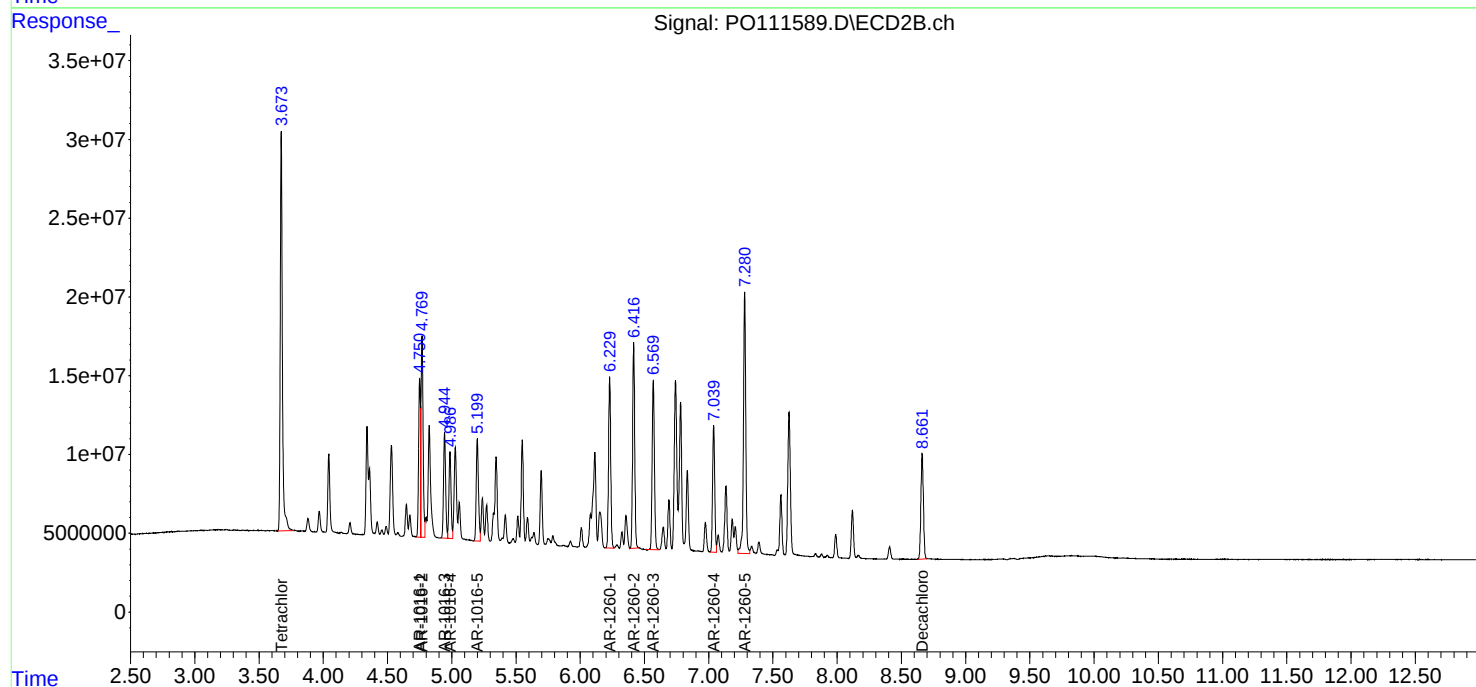
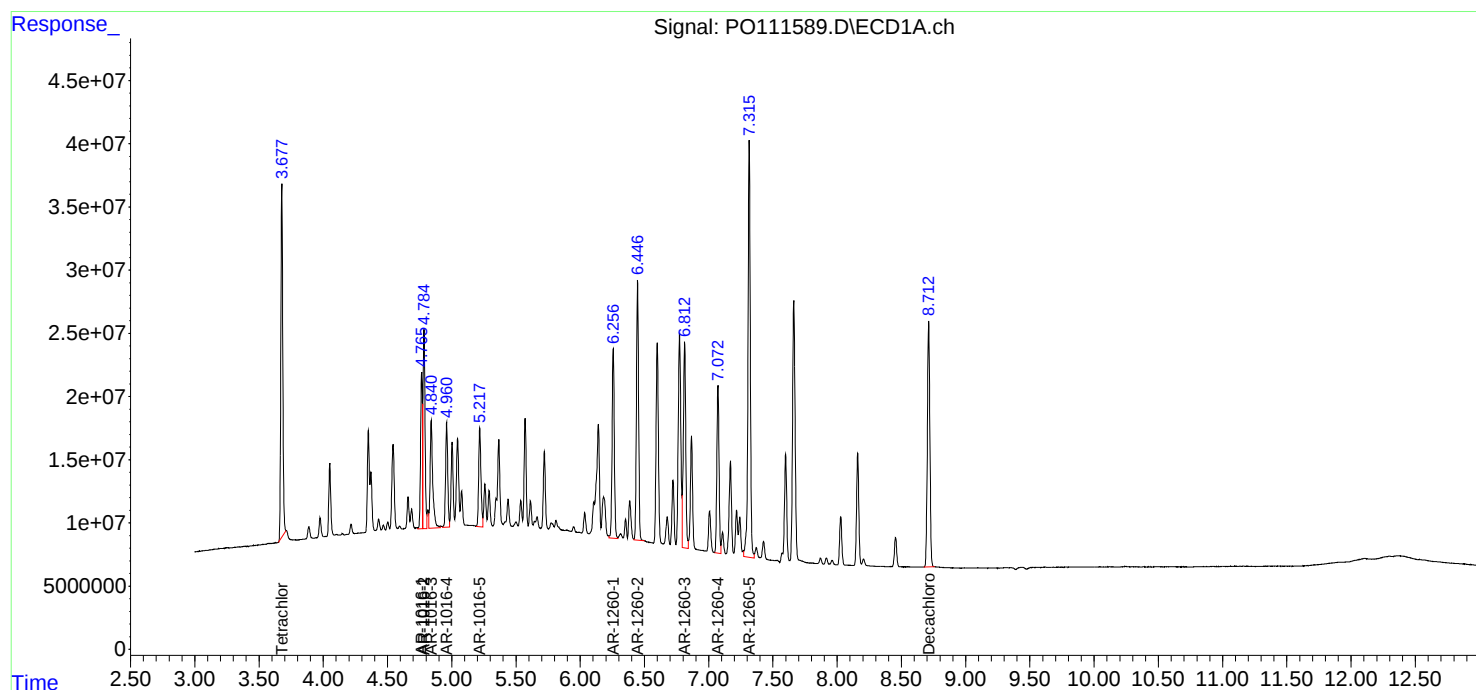
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:44:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 11:35
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 11:52:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 11:43:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	150.9E6	144.9E6	25.943	25.333
2) SA Decachlor...	8.713	8.662	139.5E6	47118679	26.697	26.546
Target Compounds						
3) L1 AR-1016-1	4.766	4.751	63980961	51169234	269.190	265.465
4) L1 AR-1016-2	4.785	4.769	90057979	74078323	265.048	262.065
5) L1 AR-1016-3	4.842	4.944	63869331	39522116	270.400	263.792
6) L1 AR-1016-4	4.962	4.987	51072699	32018591	271.039	265.137
7) L1 AR-1016-5	5.219	5.199	51759950	41162532	271.494	265.301
31) L7 AR-1260-1	6.258	6.229	106.7E6	66350033	295.514	267.060
32) L7 AR-1260-2	6.447	6.417	126.7E6	76552502	271.274	264.732
33) L7 AR-1260-3	6.813	6.569	110.4E6	69891883	263.627	266.124
34) L7 AR-1260-4	7.073	7.039	81970889	50303192	267.669	270.812
35) L7 AR-1260-5	7.316	7.280	216.8E6	110.5E6	263.450	263.890

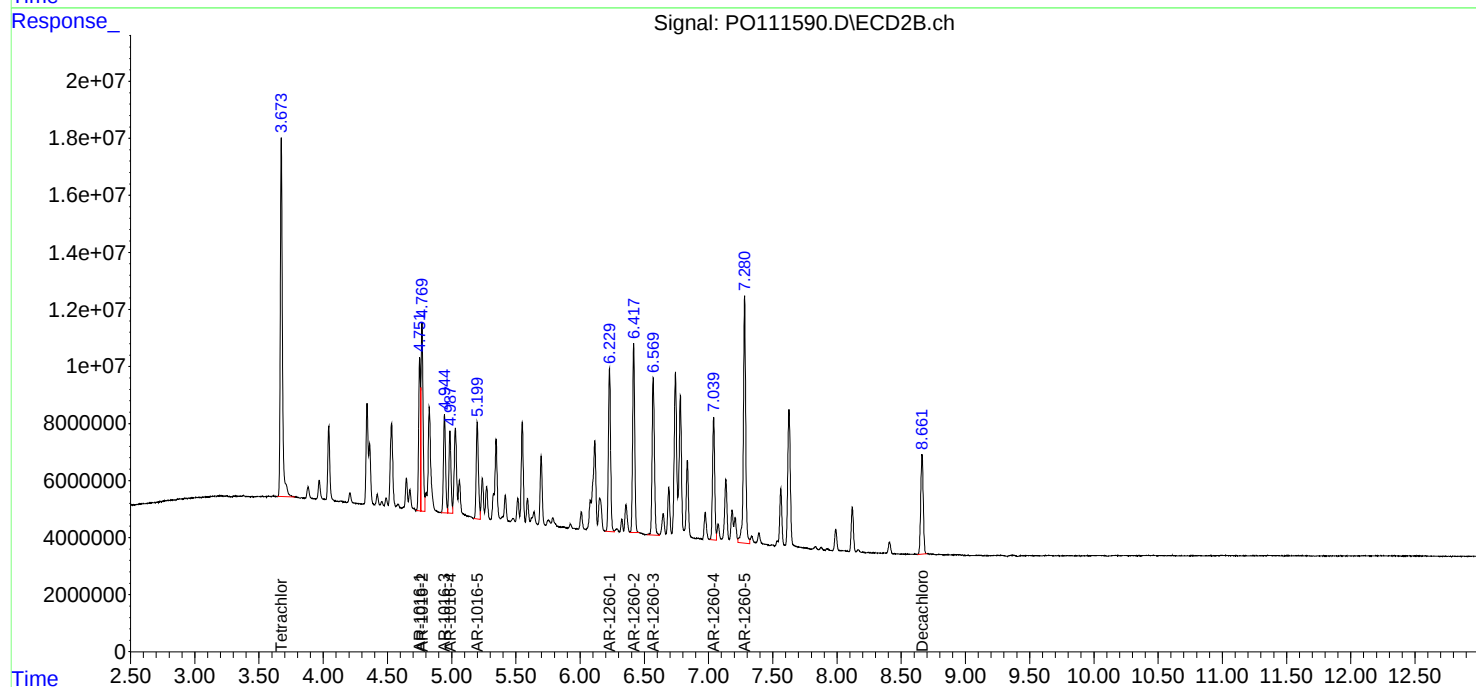
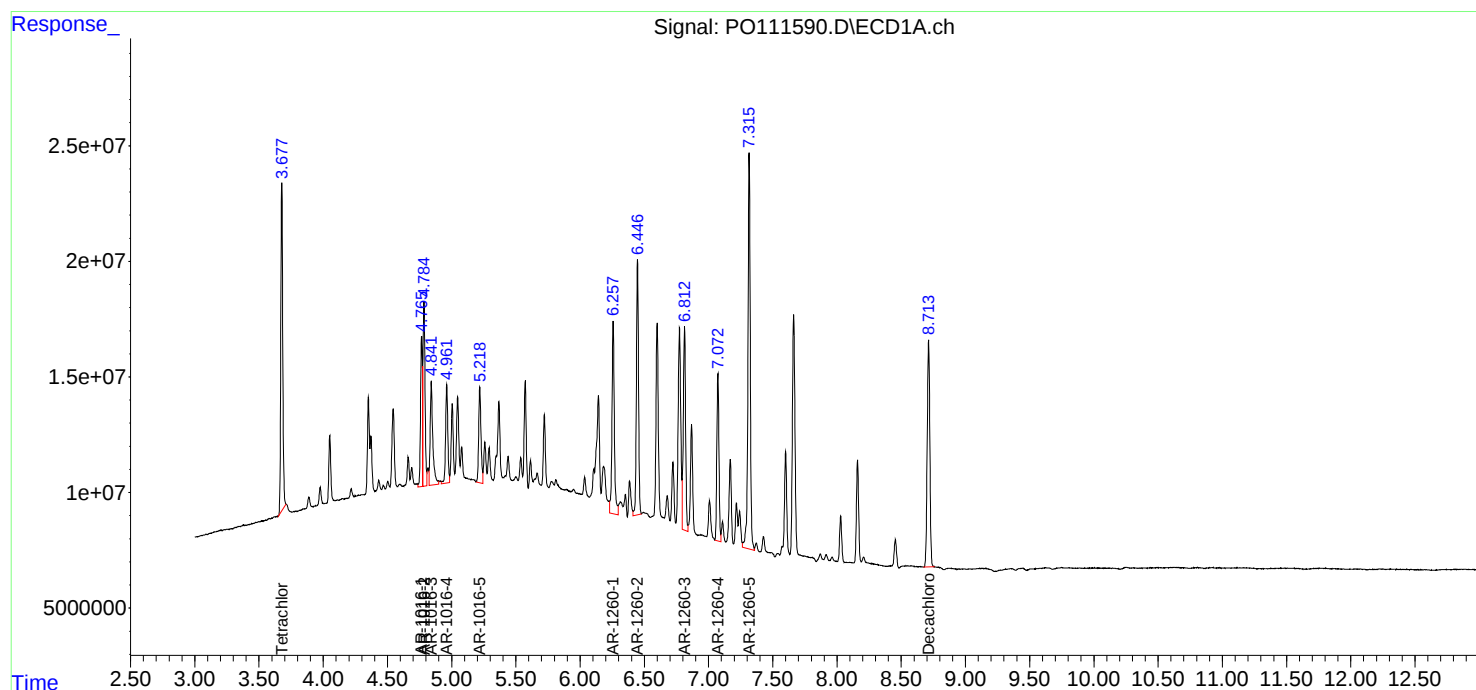
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:52:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:07:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:07:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	27660981	26053048	4.803	4.638
2) SA Decachlor...	8.712	8.662	26704107	8941855	5.087	5.030
Target Compounds						
3) L1 AR-1016-1	4.765	4.750	12102371	10641184	51.662m	54.080
4) L1 AR-1016-2	4.784	4.769	15230034	14685829	45.601m	51.551
5) L1 AR-1016-3	4.841	4.944	10294489	7595210	43.965m	50.554
6) L1 AR-1016-4	4.961	4.987	8679050	6294307	46.206m	51.683
7) L1 AR-1016-5	5.218	5.199	8531210	8768797	45.620m	55.081
31) L7 AR-1260-1	6.256	6.229	16630454	13039756	46.467m	51.748m
32) L7 AR-1260-2	6.446	6.416	24715396	15670158	52.210m	53.392m
33) L7 AR-1260-3	6.813	6.569	22383586	14269100	52.708	53.406
34) L7 AR-1260-4	7.072	7.039	17363789	10374184	55.220	54.573
35) L7 AR-1260-5	7.316	7.280	41341782	22505628	50.189	52.952

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

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

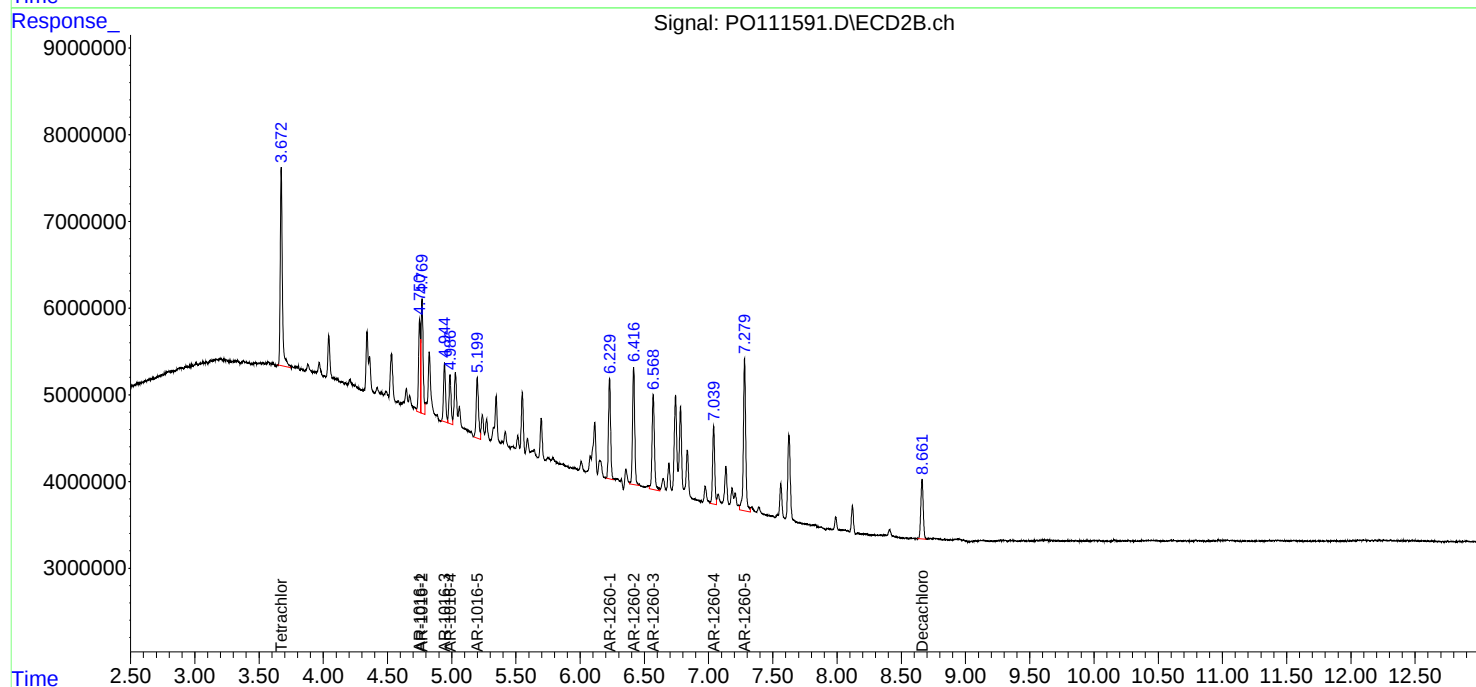
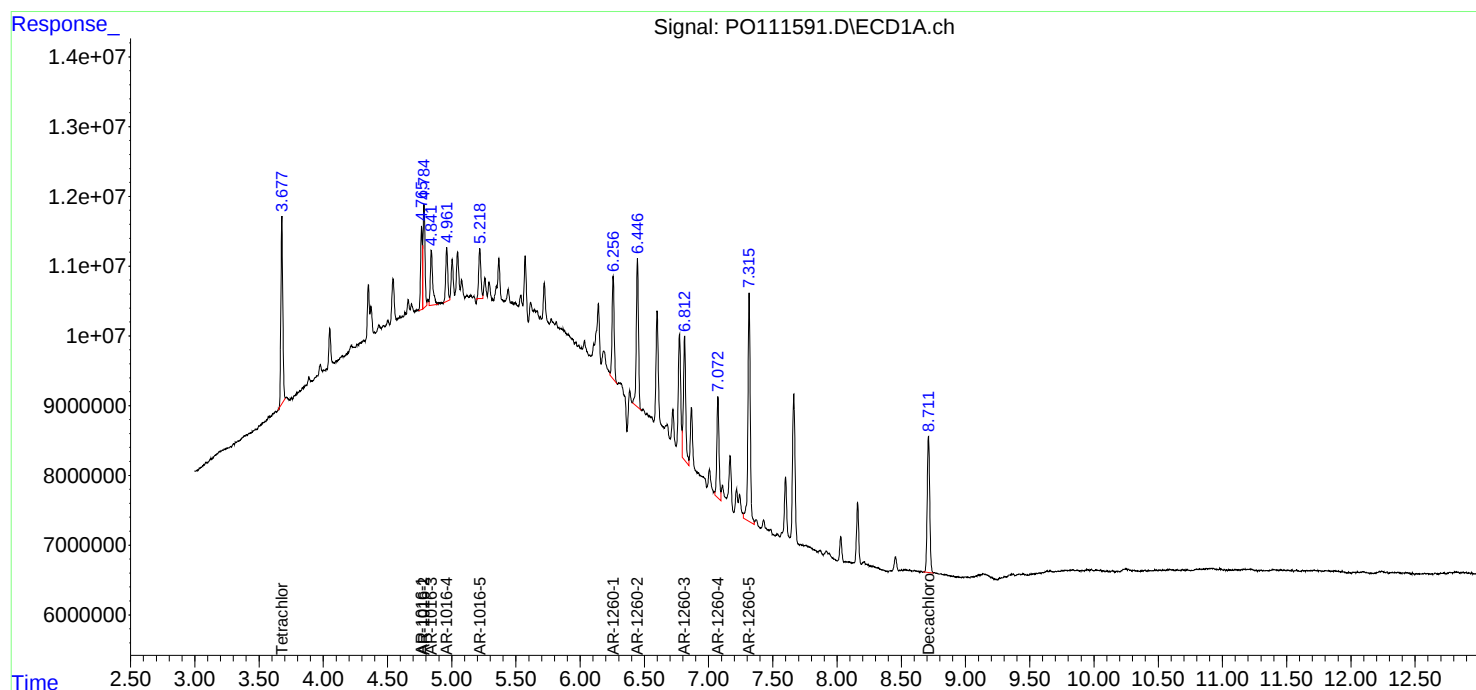
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:07:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 12:12
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:46:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:46:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.673	287.0E6	275.6E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	267.2E6	90058921	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.889	3.883	43539401	37336939	500.000	500.000
9) L2 AR-1221-2	3.976	3.968	32083882	27974442	500.000	500.000
10) L2 AR-1221-3	4.051	4.043	97518158	85915227	500.000	500.000

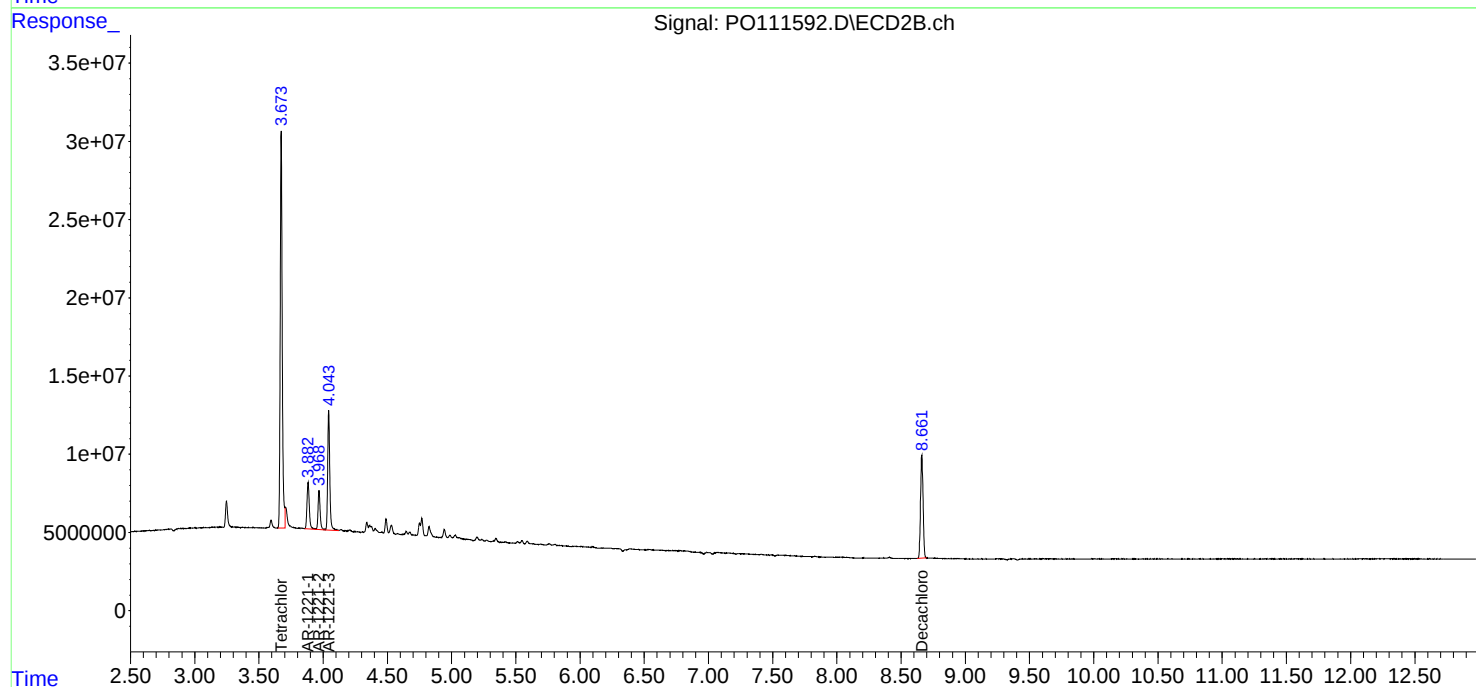
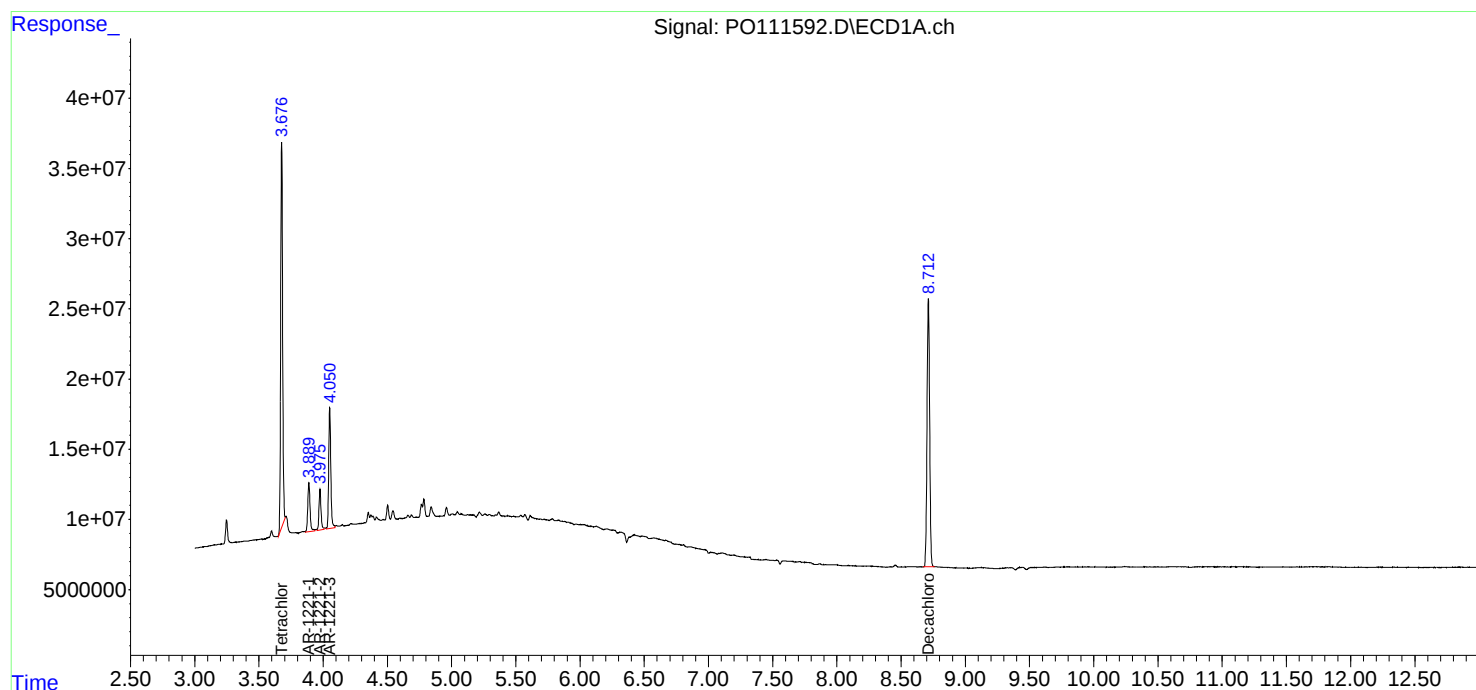
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:49:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:46:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	281.8E6	280.2E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	258.0E6	86695497	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.052	4.043	75874515	66494811	500.000	500.000
12) L3 AR-1232-2	4.544	4.769	43110570	65895506	500.000	500.000
13) L3 AR-1232-3	4.785	4.944	81440353	34559074	500.000	500.000
14) L3 AR-1232-4	4.961	5.029	43509571	30242026	500.000	500.000
15) L3 AR-1232-5	5.004	5.199	28290272	33207345	500.000	500.000

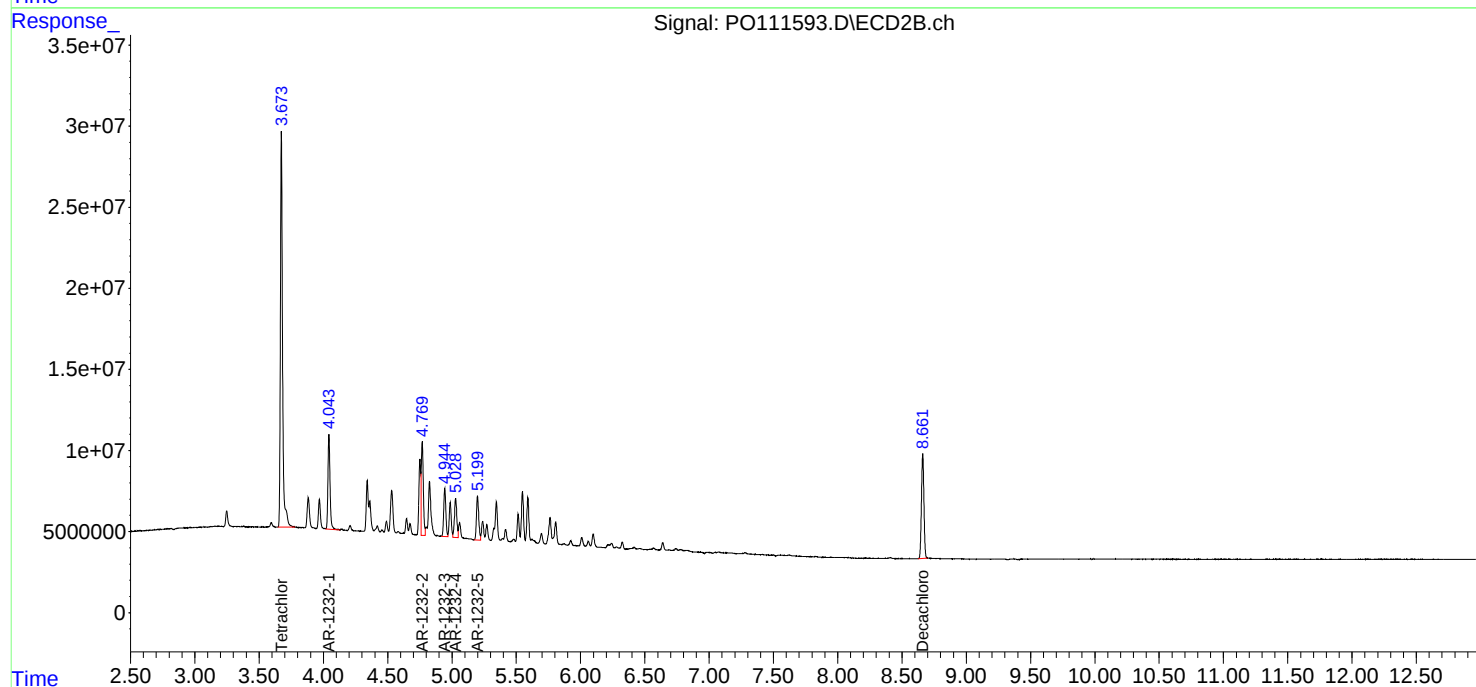
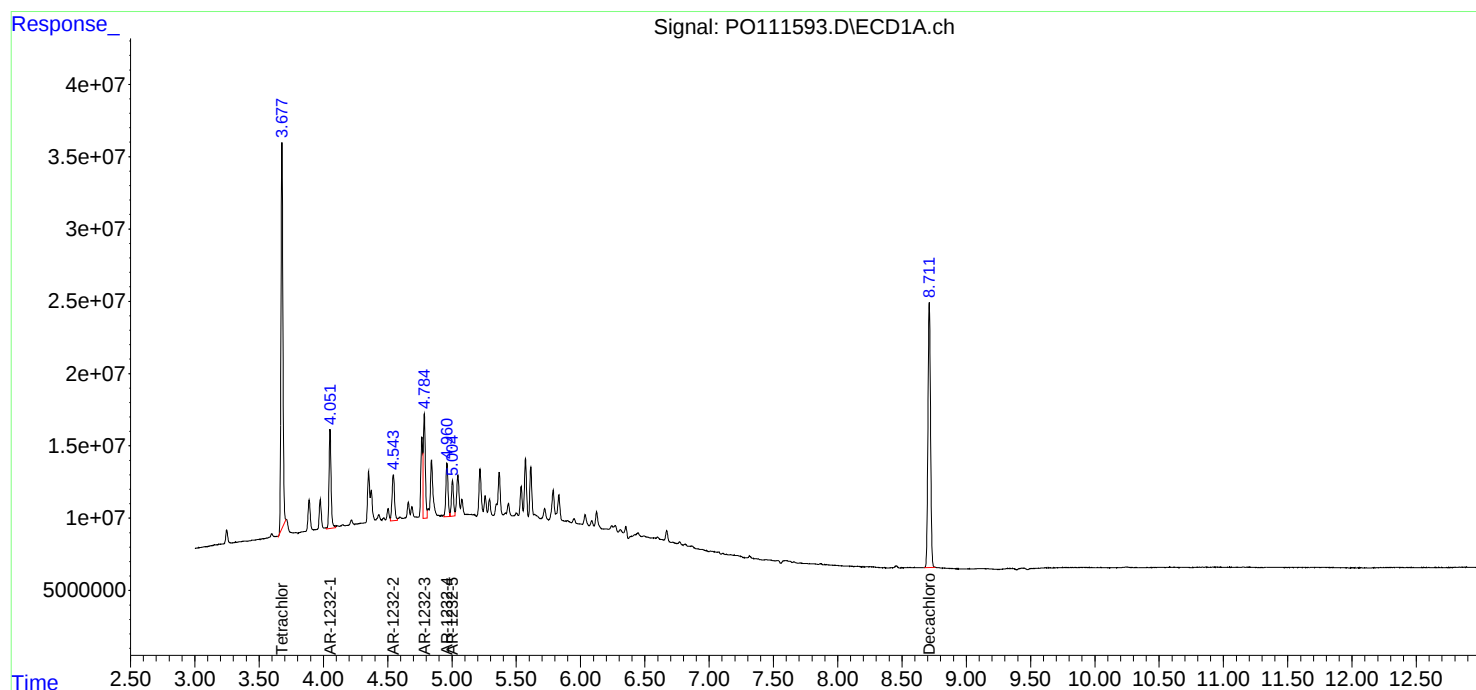
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:17:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:16:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	545.7E6	544.8E6	96.546	98.009
2) SA Decachlor...	8.713	8.661	488.1E6	162.9E6	96.233	95.886
Target Compounds						
16) L4 AR-1242-1	4.766	4.750	189.9E6	152.2E6	953.554	956.335
17) L4 AR-1242-2	4.785	4.769	269.3E6	225.8E6	954.325	962.422
18) L4 AR-1242-3	4.841	4.944	185.2E6	119.5E6	947.690	960.999
19) L4 AR-1242-4	4.961	5.028	148.9E6	114.6E6	950.919	953.944
20) L4 AR-1242-5	5.613	5.548	154.5E6	141.8E6	934.407	954.850

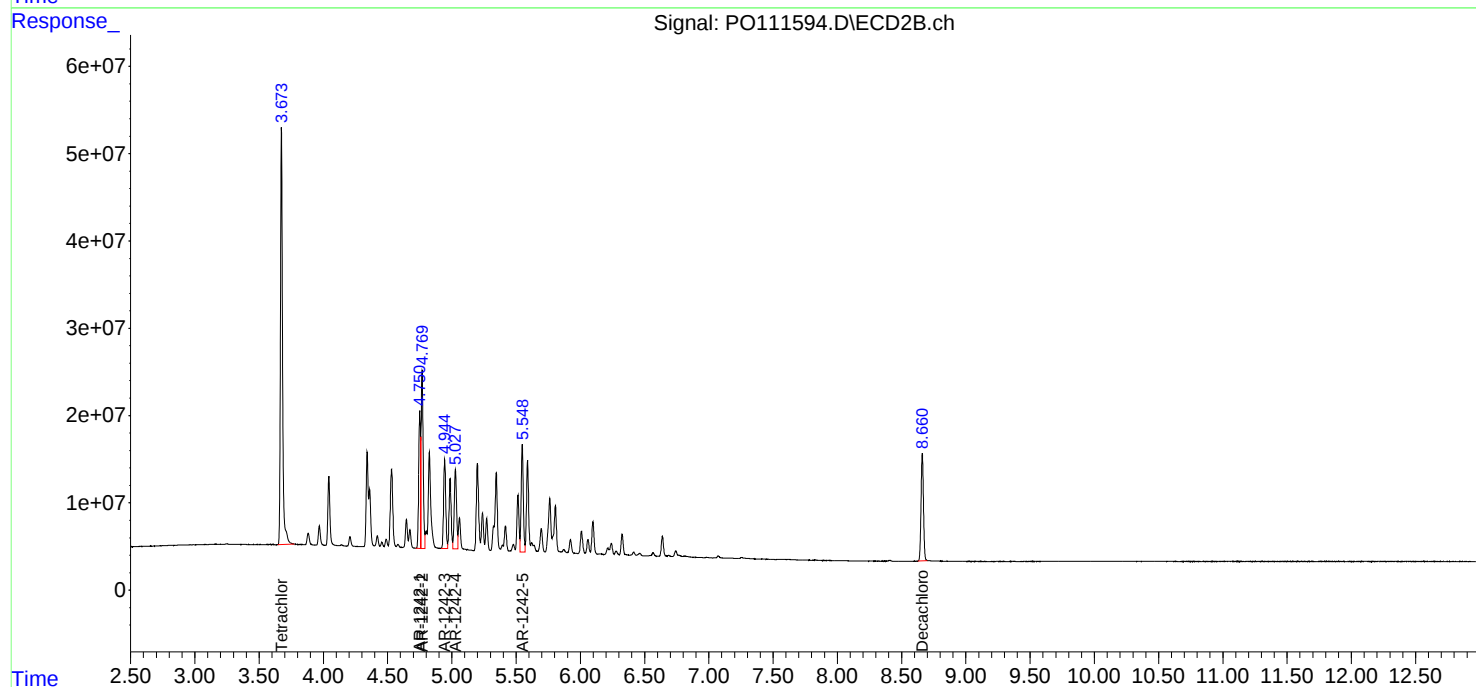
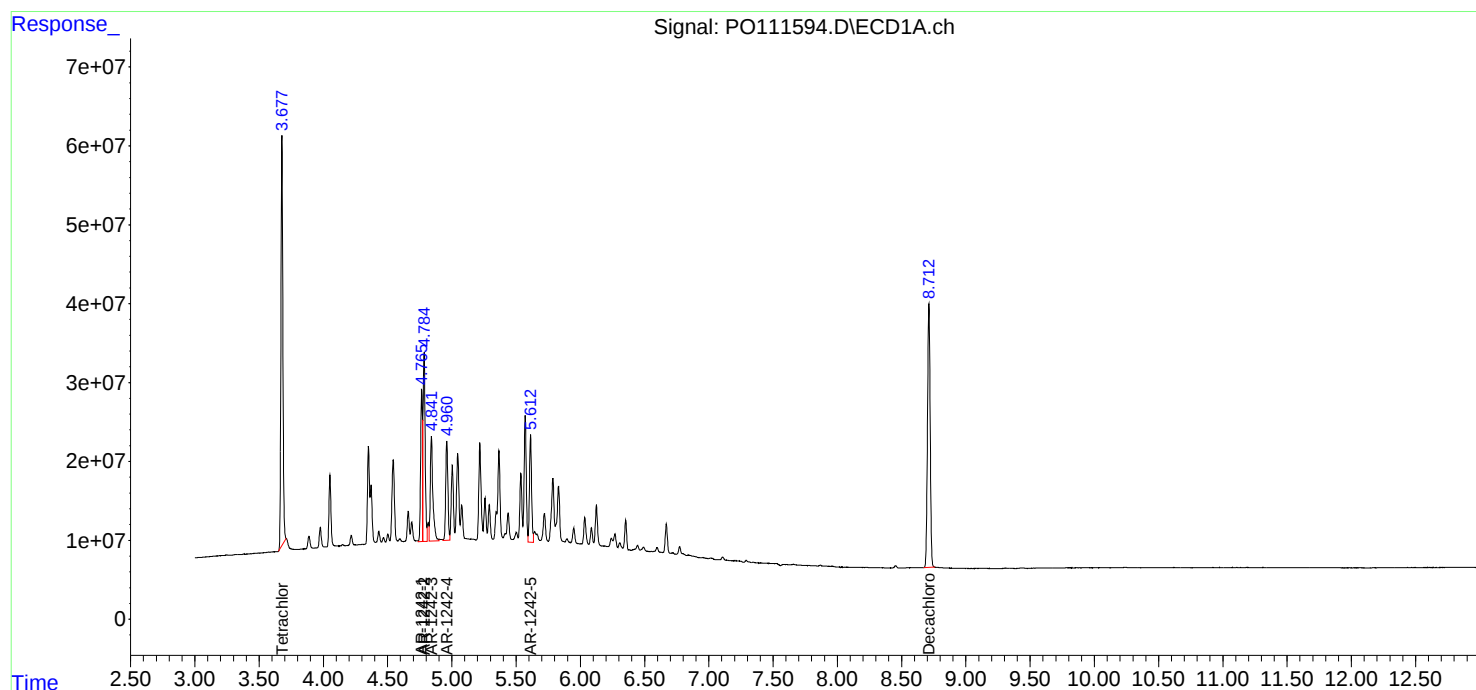
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:17:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:16:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:20:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:19:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	426.1E6	419.4E6	75.261	75.304
2) SA Decachlor...	8.713	8.662	381.1E6	127.3E6	75.098	74.955
Target Compounds						
16) L4 AR-1242-1	4.766	4.751	149.5E6	119.8E6	750.589	752.073
17) L4 AR-1242-2	4.785	4.769	212.9E6	176.2E6	752.944	750.686
18) L4 AR-1242-3	4.841	4.944	148.7E6	92718079	757.338	747.108
19) L4 AR-1242-4	4.962	5.029	117.3E6	89969660	749.552	749.340
20) L4 AR-1242-5	5.613	5.549	125.2E6	112.0E6	755.024	752.841

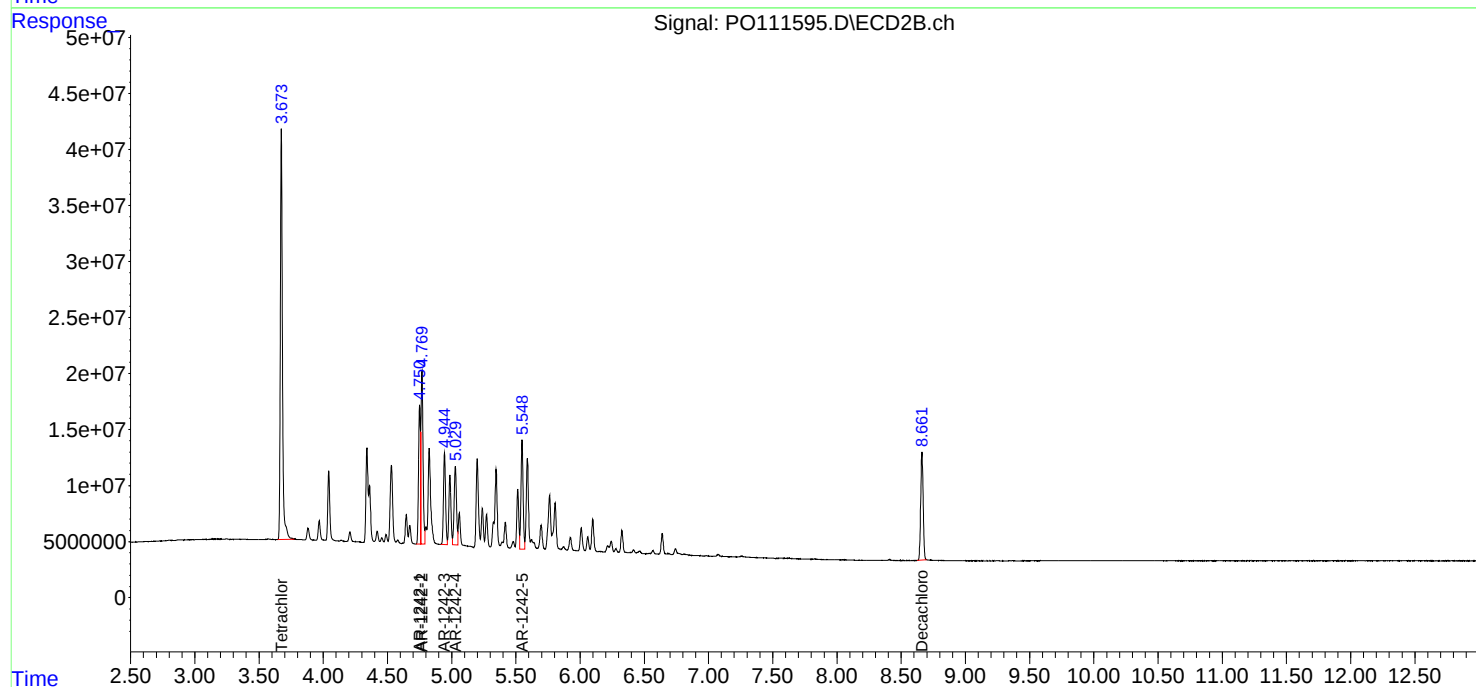
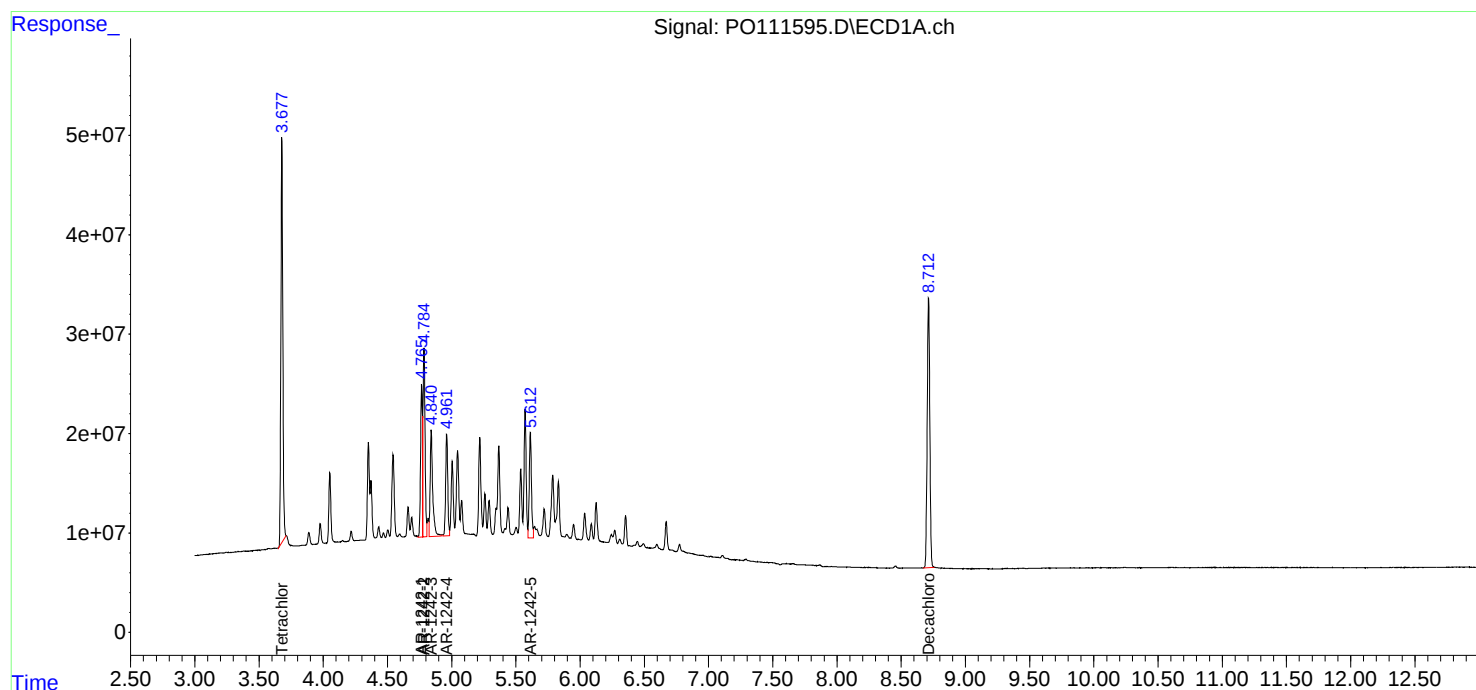
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:19:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:13:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:13:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	292.4E6	283.4E6	50.000	50.000
2) SA Decachlor...	8.713	8.662	263.1E6	88437095	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	4.765	4.751	104.2E6	83032155	500.000	500.000
17) L4 AR-1242-2	4.784	4.769	147.5E6	121.7E6	500.000	500.000
18) L4 AR-1242-3	4.841	4.944	102.8E6	64595632	500.000	500.000
19) L4 AR-1242-4	4.960	5.028	82142260	62825159	500.000	500.000
20) L4 AR-1242-5	5.612	5.549	88077559	77585315	500.000	500.000

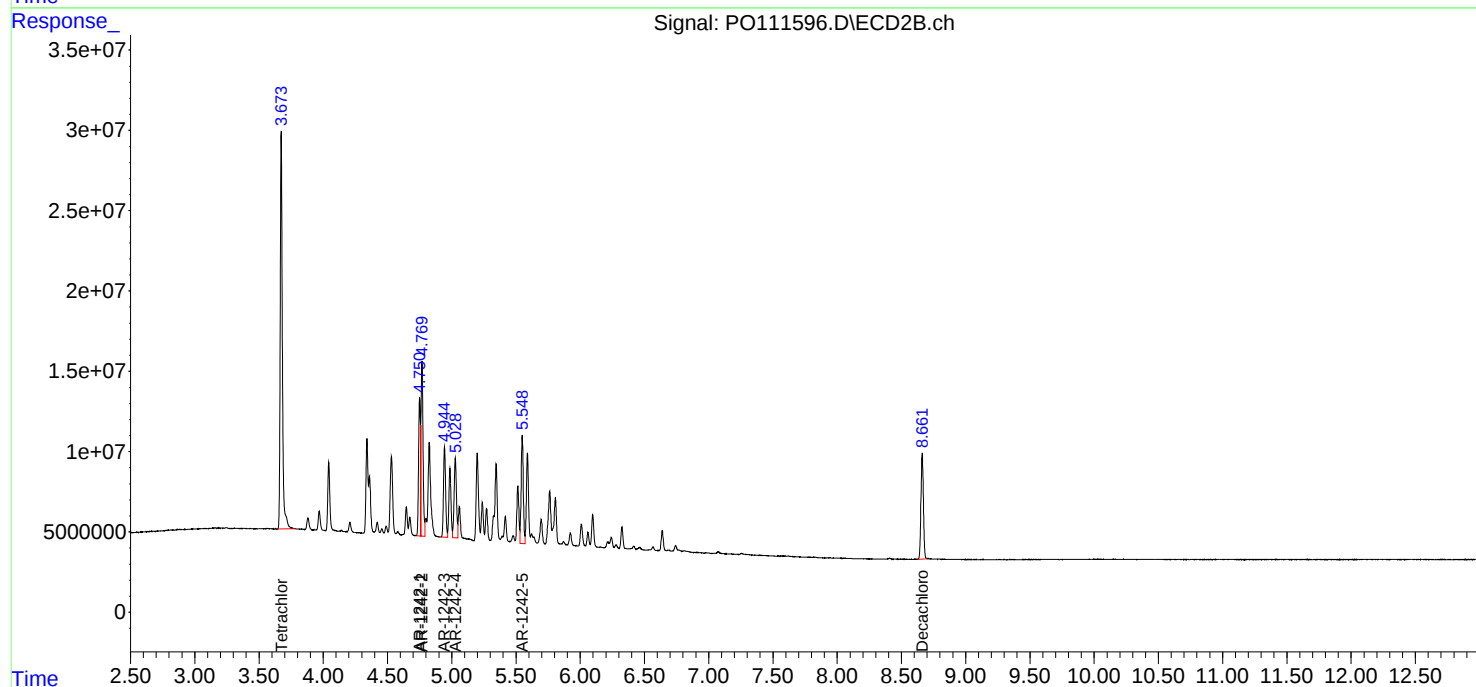
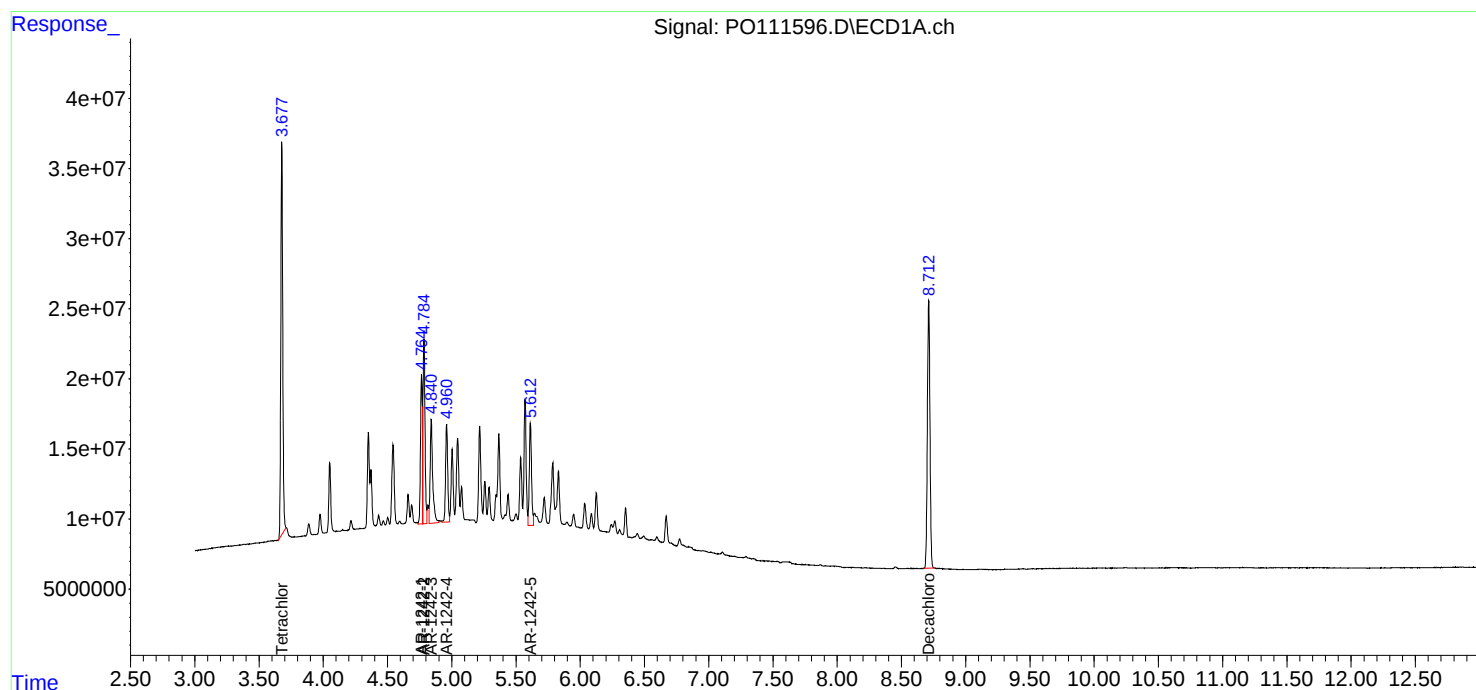
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:13:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:23:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:19:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.672	150.8E6	142.6E6	26.206	25.453
2) SA Decachlor...	8.711	8.661	138.1E6	46179693	26.616	26.608
Target Compounds						
16) L4 AR-1242-1	4.764	4.749	54708882	44017430	268.019	269.187
17) L4 AR-1242-2	4.783	4.768	77715059	62976219	268.219	263.448
18) L4 AR-1242-3	4.840	4.943	54110674	33754705	268.666	266.138
19) L4 AR-1242-4	4.959	5.028	42489595	33285094	265.720	269.878
20) L4 AR-1242-5	5.612	5.548	45769698	40348676	268.964	265.608

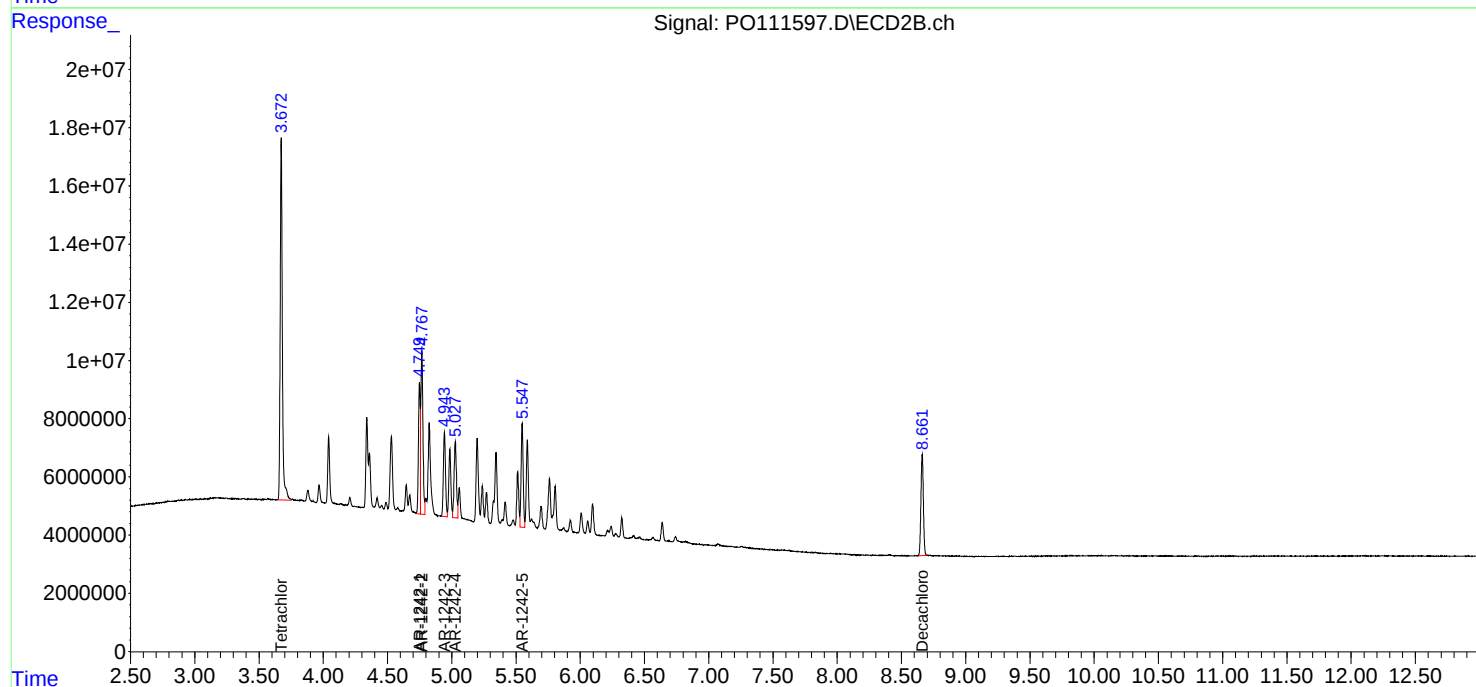
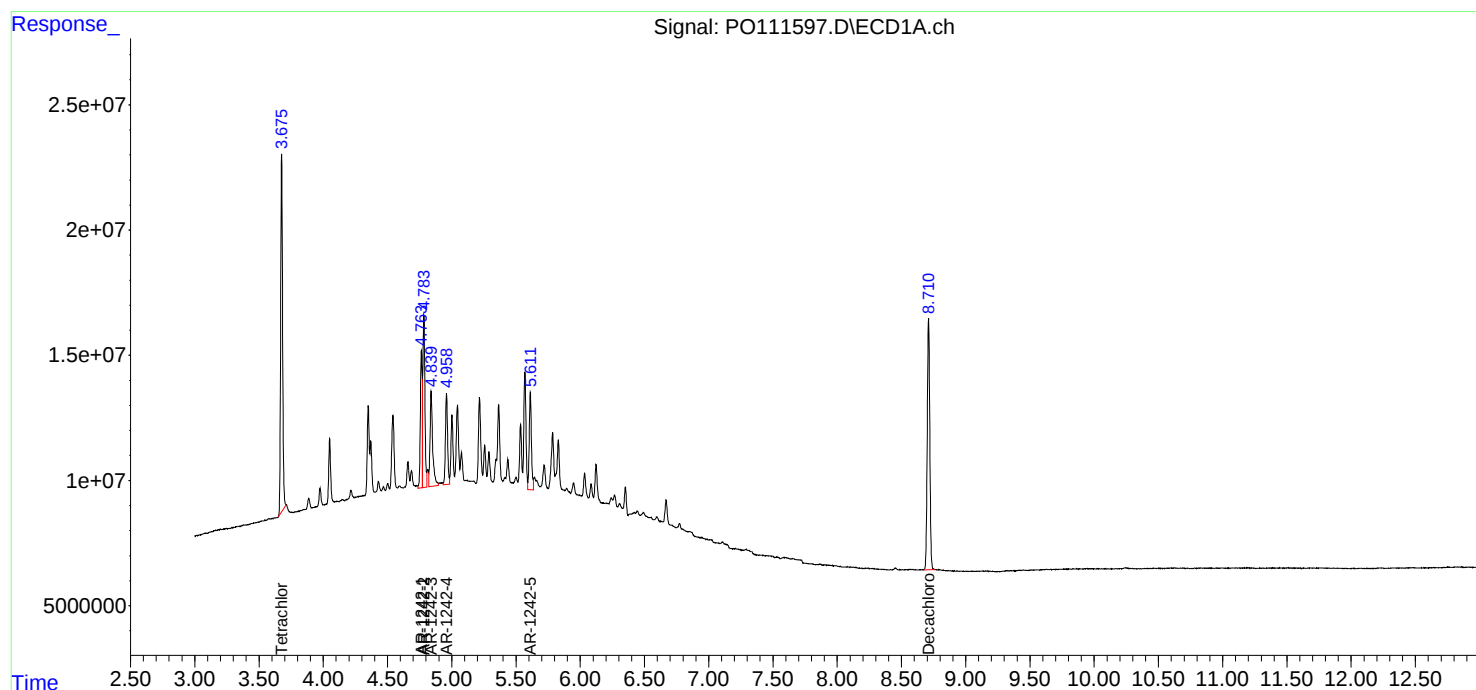
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

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

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 14:26:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 14:26:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.672	26071082	23777938	4.617	4.376
2) SA Decachlor...	8.712	8.661	24643941	8137257	4.799	4.748
Target Compounds						
16) L4 AR-1242-1	4.765	4.751	9536300	7985936	47.674m	49.066
17) L4 AR-1242-2	4.784	4.769	12492728	11206079	44.428m	47.471
18) L4 AR-1242-3	4.841	4.944	9424858	6031021	47.765m	48.022
19) L4 AR-1242-4	4.961	5.029	7568610	5972863	47.687m	48.735
20) L4 AR-1242-5	5.613	5.549	7770041	7090223	47.727m	47.303

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

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

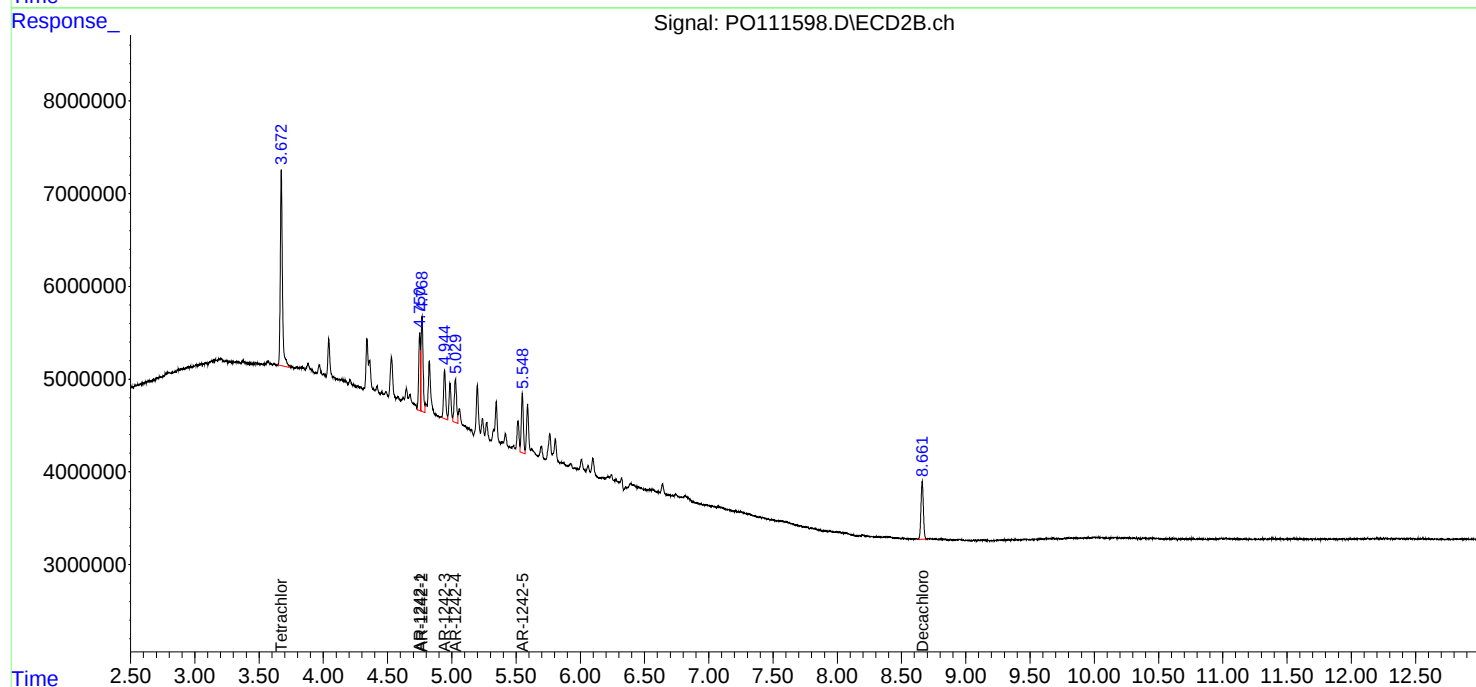
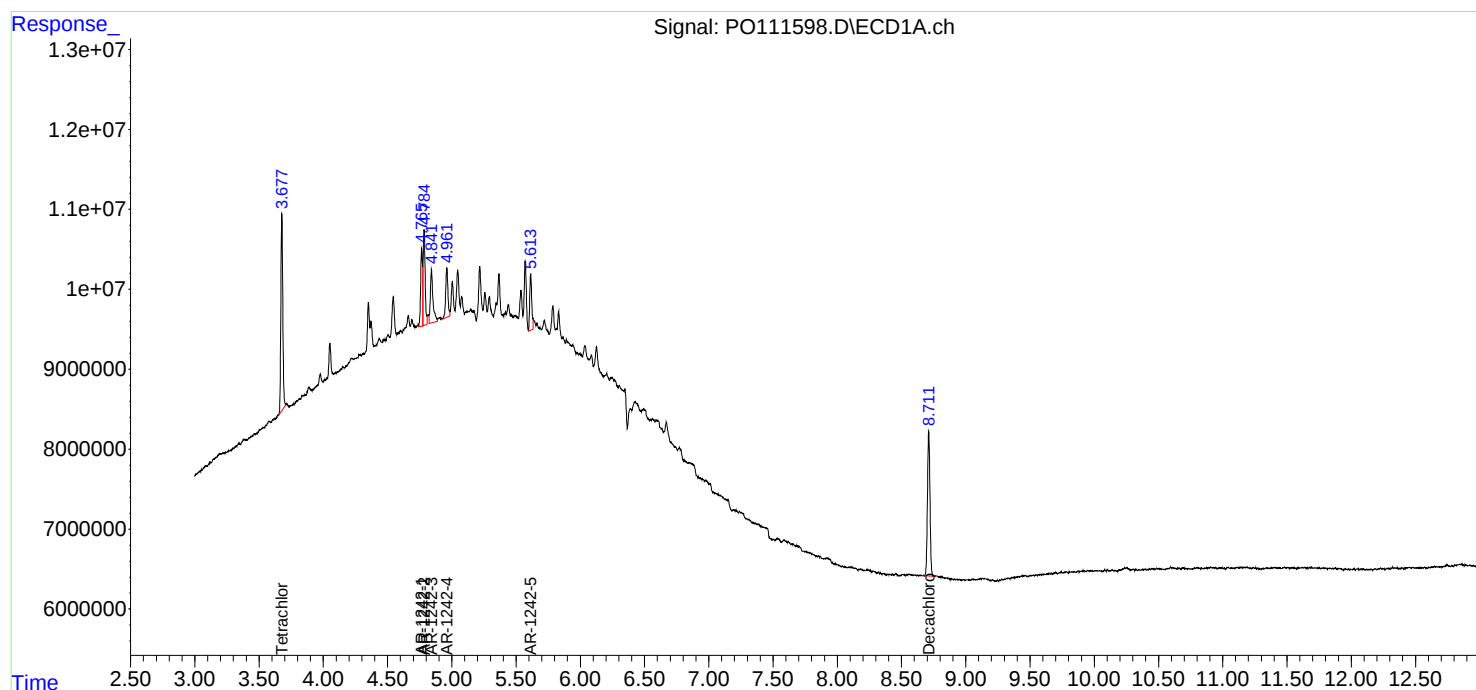
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:26:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:26:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:20
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:22:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	562.7E6	545.9E6	92.601	95.368
2) SA Decachlor...	8.712	8.662	493.0E6	164.5E6	90.940	91.111
Target Compounds						
21) L5 AR-1248-1	4.766	4.751	145.9E6	118.8E6	898.472	905.205
22) L5 AR-1248-2	5.005	4.987	193.4E6	160.4E6	903.103	896.089
23) L5 AR-1248-3	5.219	5.029	243.7E6	169.9E6	900.111	903.774
24) L5 AR-1248-4	5.572	5.199	355.9E6	200.5E6	893.308	901.345
25) L5 AR-1248-5	5.614	5.591	249.8E6	195.8E6	880.725	906.082

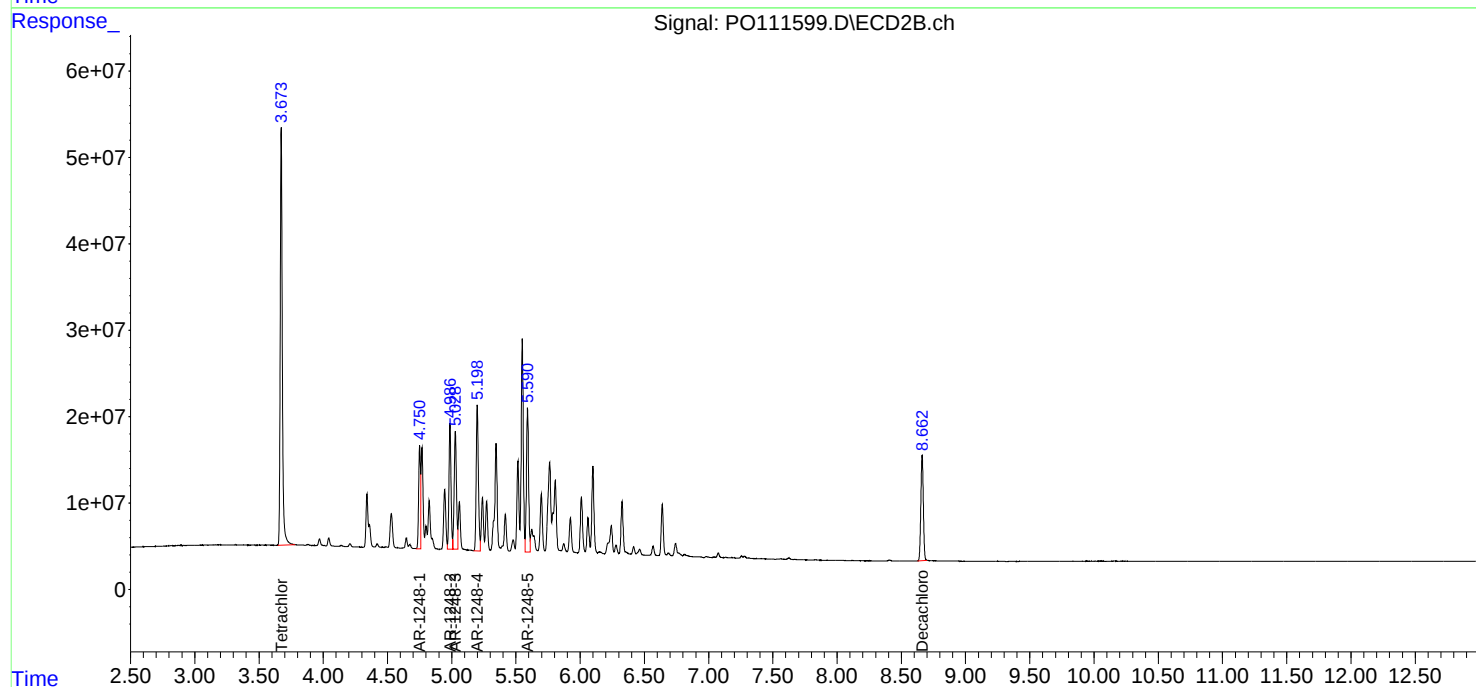
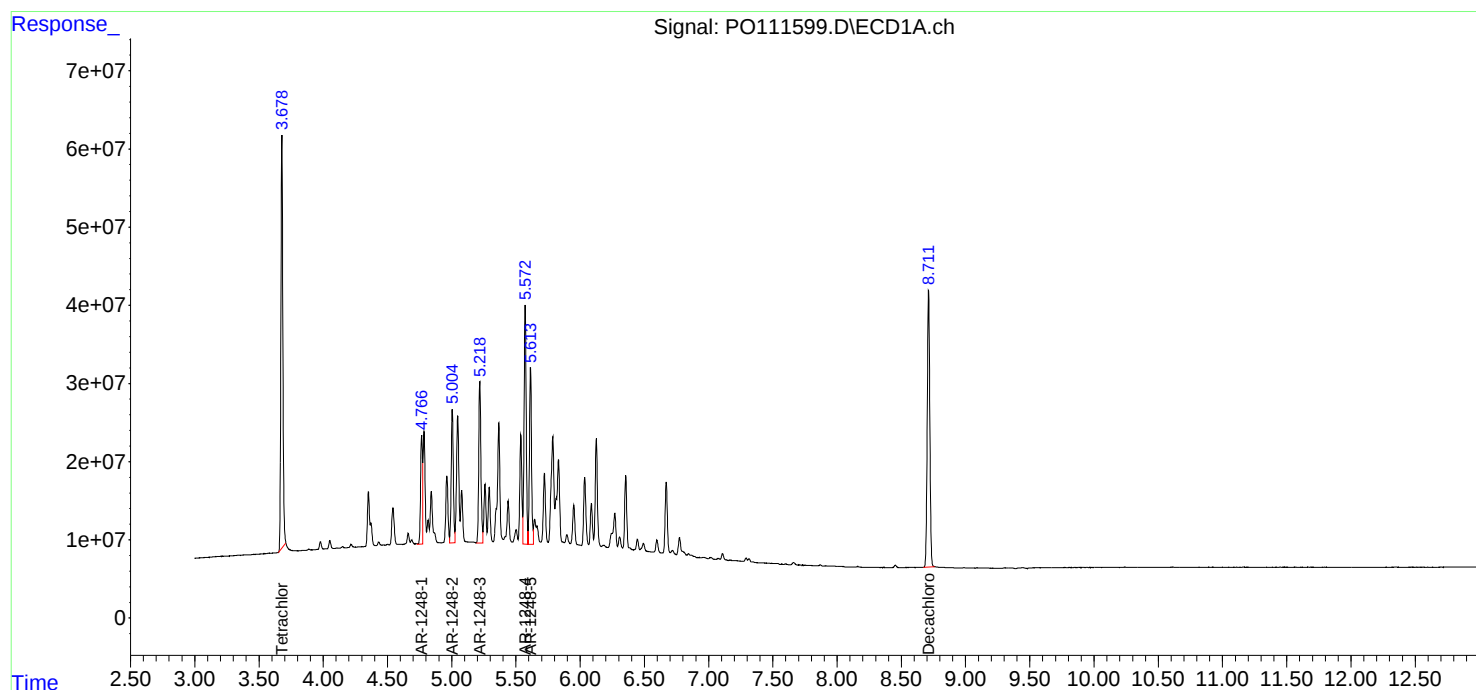
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:22:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:59:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	438.5E6	418.6E6	74.962	74.915
2) SA Decachlor...	8.713	8.661	385.7E6	128.8E6	74.679	74.790
Target Compounds						
21) L5 AR-1248-1	4.765	4.751	114.7E6	92154367	746.184	741.216
22) L5 AR-1248-2	5.004	4.987	152.3E6	126.2E6	748.166	745.749
23) L5 AR-1248-3	5.218	5.029	193.6E6	133.4E6	751.743	746.988
24) L5 AR-1248-4	5.572	5.199	282.3E6	157.1E6	749.055	745.196
25) L5 AR-1248-5	5.613	5.590	200.3E6	154.5E6	750.604	749.907

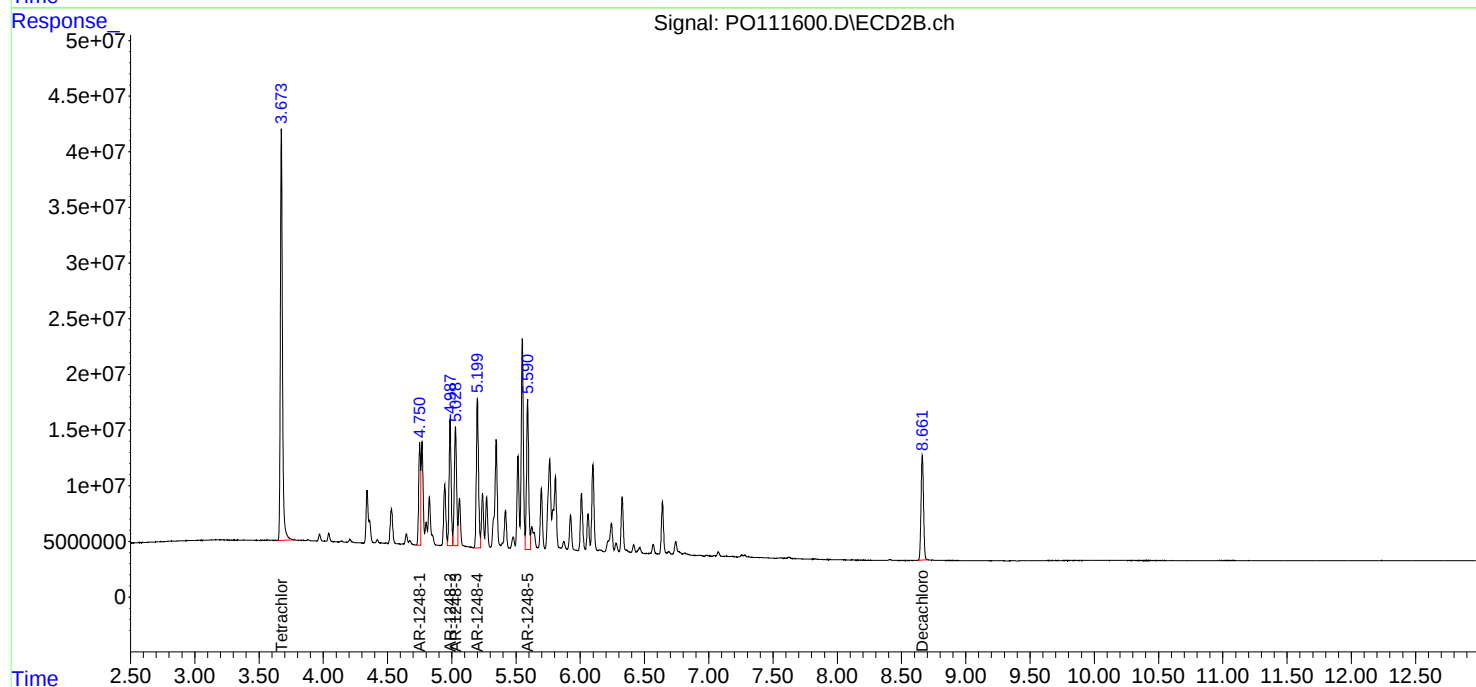
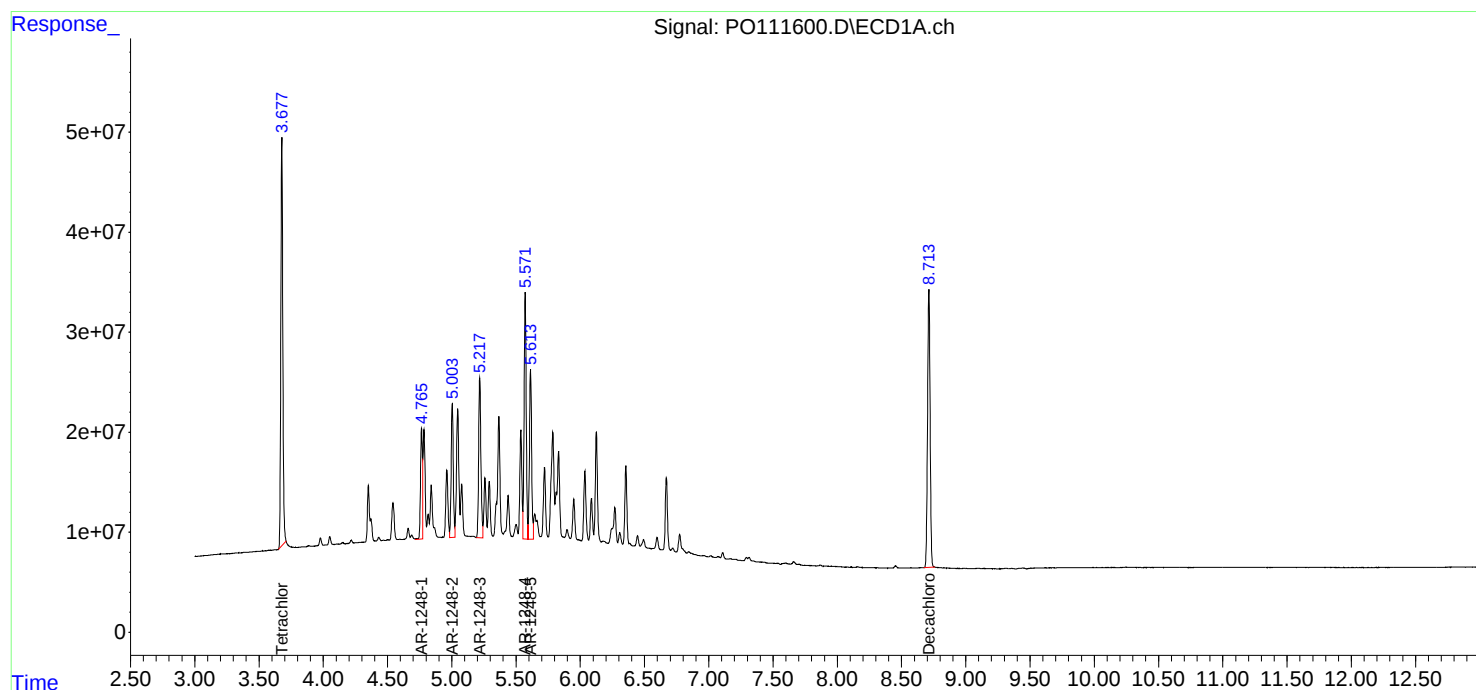
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:59:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 16:19:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 16:18:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.673	303.8E6	286.2E6	50.000	50.000
2) SA Decachlor...	8.710	8.661	271.0E6	90265997	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.764	4.750	81185066	65639548	500.000	500.000
22) L5 AR-1248-2	5.002	4.986	107.1E6	89516538	500.000	500.000
23) L5 AR-1248-3	5.216	5.028	135.4E6	93975832	500.000	500.000
24) L5 AR-1248-4	5.570	5.199	199.2E6	111.2E6	500.000	500.000
25) L5 AR-1248-5	5.611	5.589	141.8E6	108.1E6	500.000	500.000

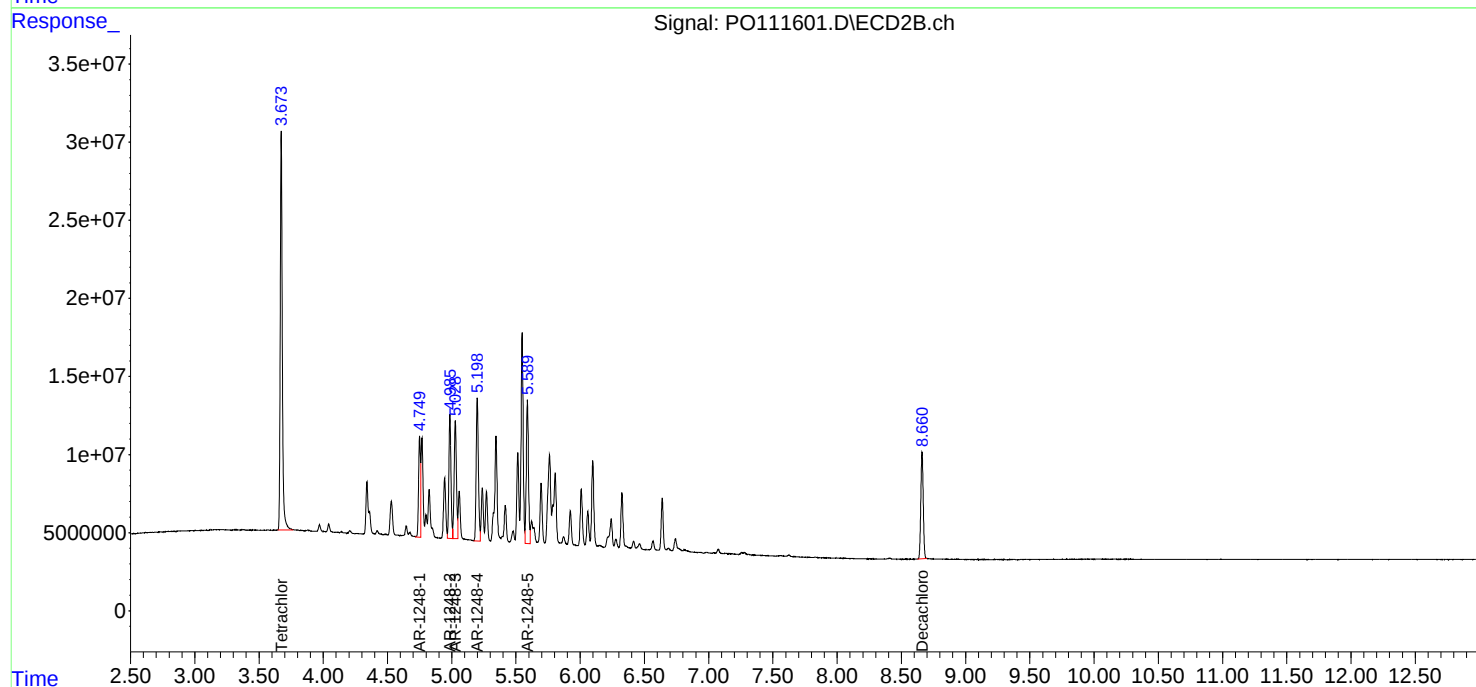
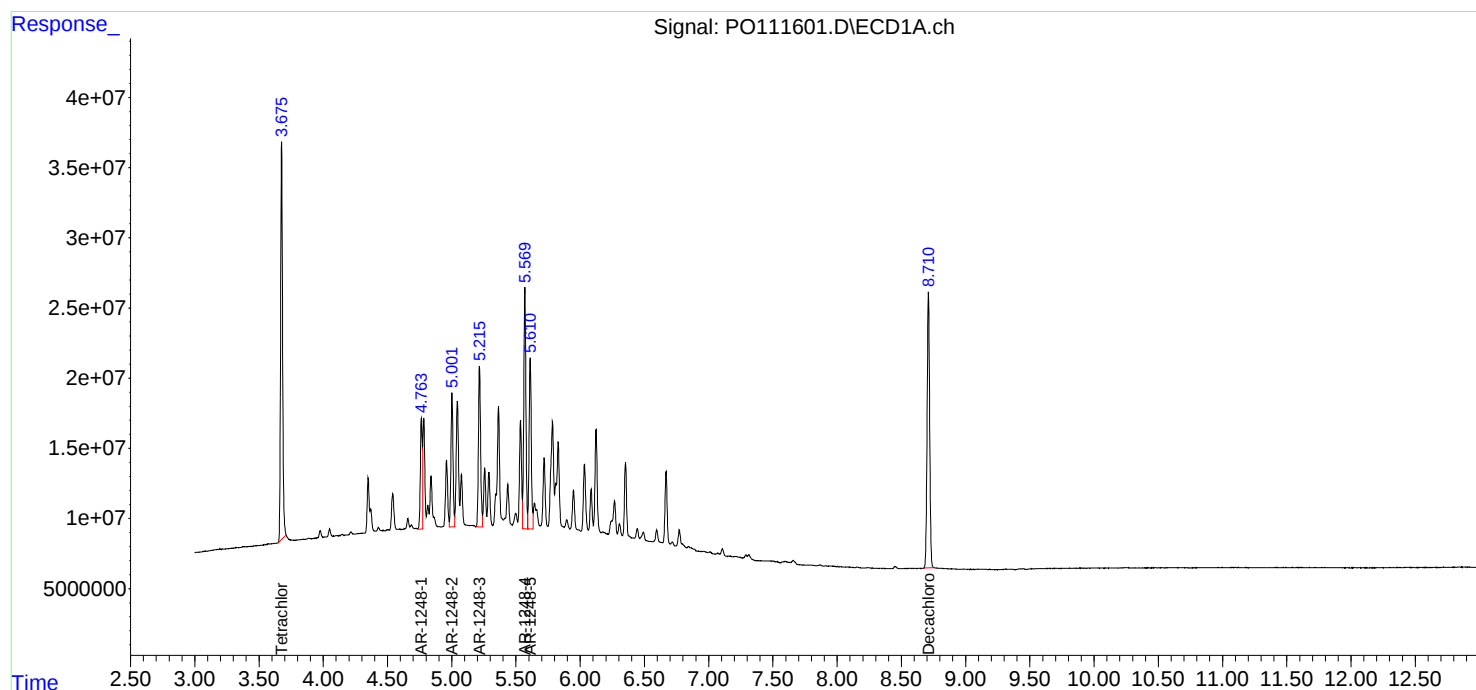
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 17:06:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 17:04:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.674	156.1E6	143.5E6	26.247	25.510
2) SA Decachlor...	8.711	8.662	142.1E6	47094148	26.845	26.713
Target Compounds						
21) L5 AR-1248-1	4.764	4.751	42620089	35136234	269.880	273.683
22) L5 AR-1248-2	5.002	4.987	55400295	46647339	266.297	268.727
23) L5 AR-1248-3	5.217	5.028	73715499	49572948	276.243	270.173
24) L5 AR-1248-4	5.570	5.199	106.6E6	59394712	273.901	273.101
25) L5 AR-1248-5	5.611	5.590	75633935	56998567	274.281	269.531

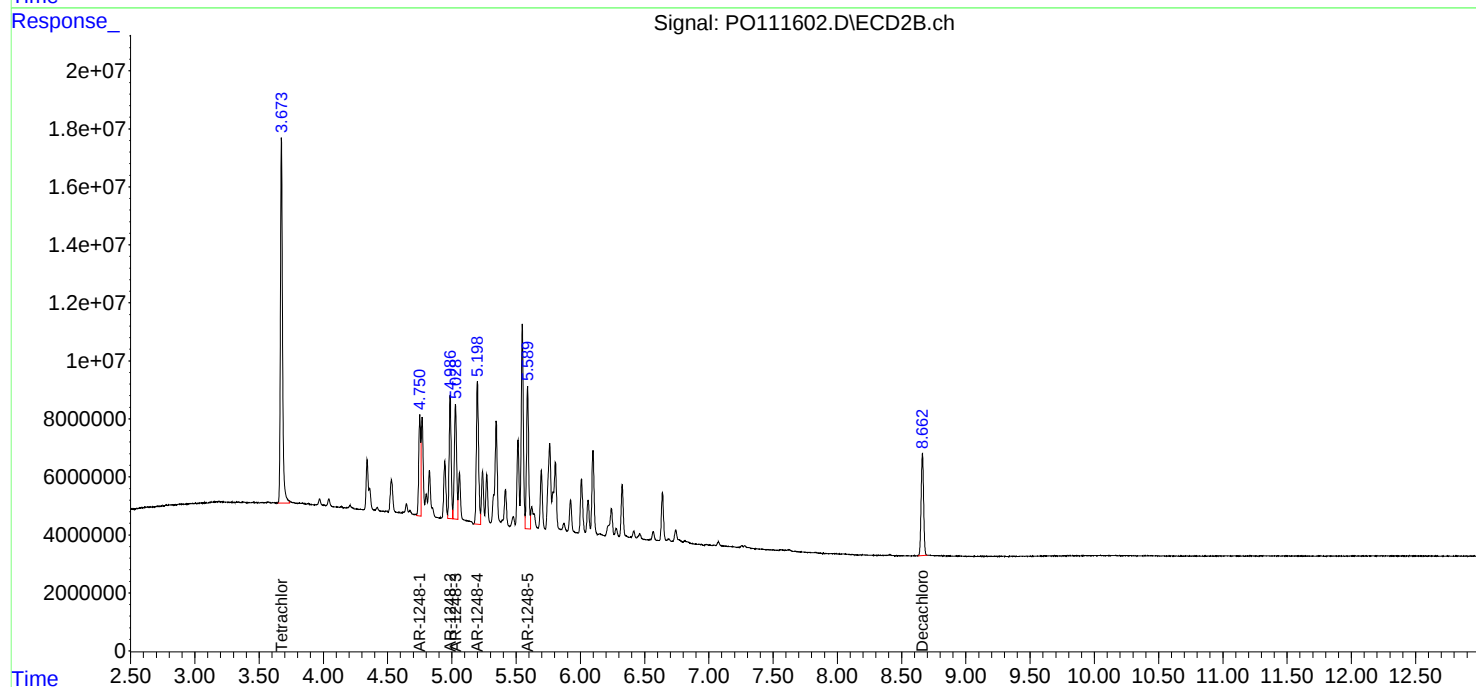
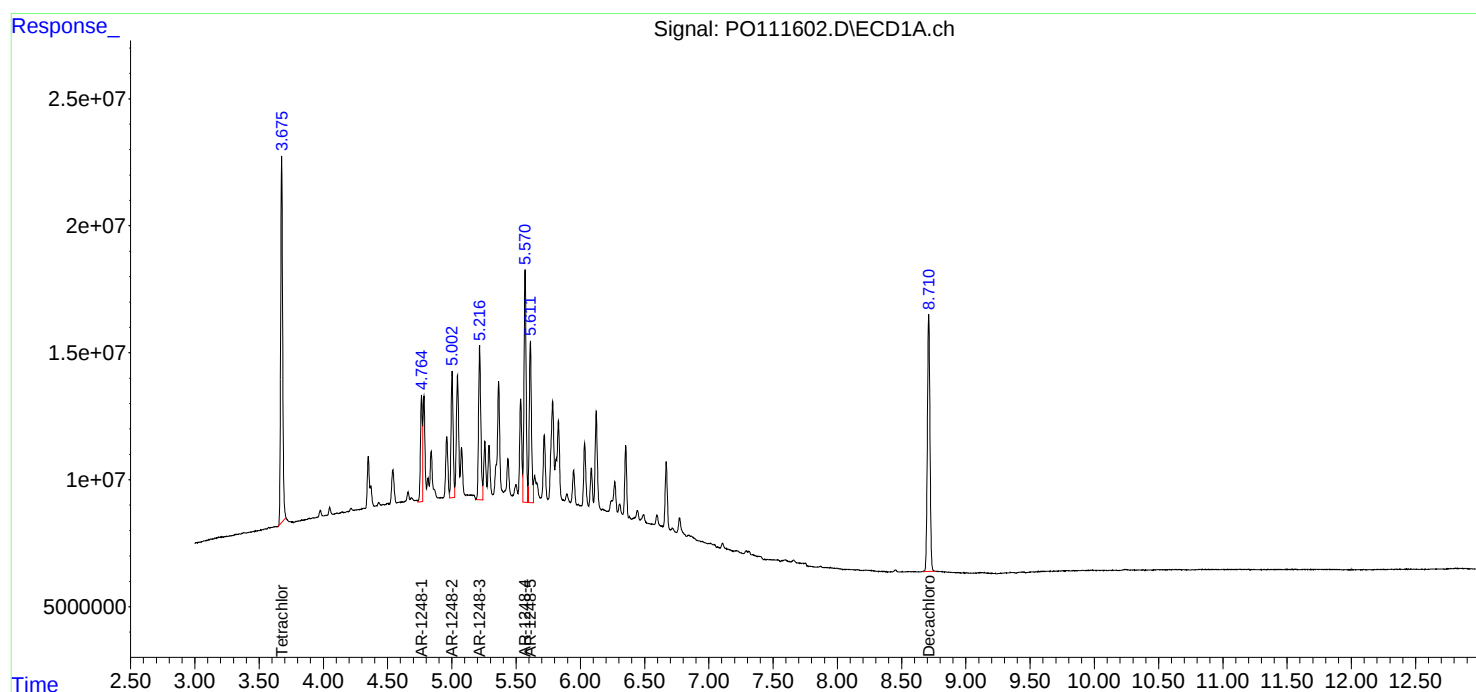
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 17:06:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 17:04:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 17:09:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 17:04:47 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.673	32463861	28440125	5.359	5.044
2) SA Decachlor...	8.711	8.660	30018432	9963819	5.522	5.508
Target Compounds						
21) L5 AR-1248-1	4.763	4.750	8731897	7644548	54.269m	57.355
22) L5 AR-1248-2	5.002	4.986	12293416	9821644	58.448	55.130
23) L5 AR-1248-3	5.216	5.027	14064716	10662336	50.156m	56.284
24) L5 AR-1248-4	5.569	5.198	22085352	13584386	54.922m	59.496
25) L5 AR-1248-5	5.611	5.588	15052068	12146521	53.408m	55.778

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

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

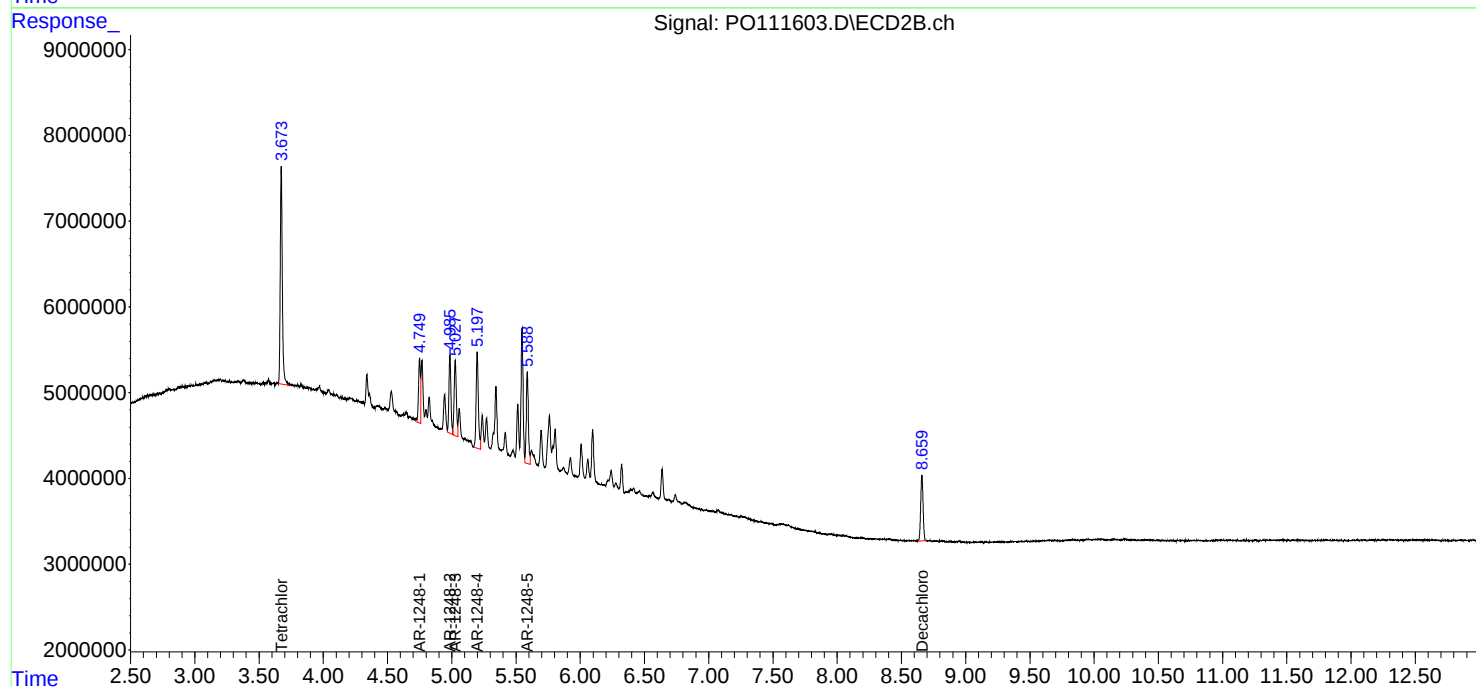
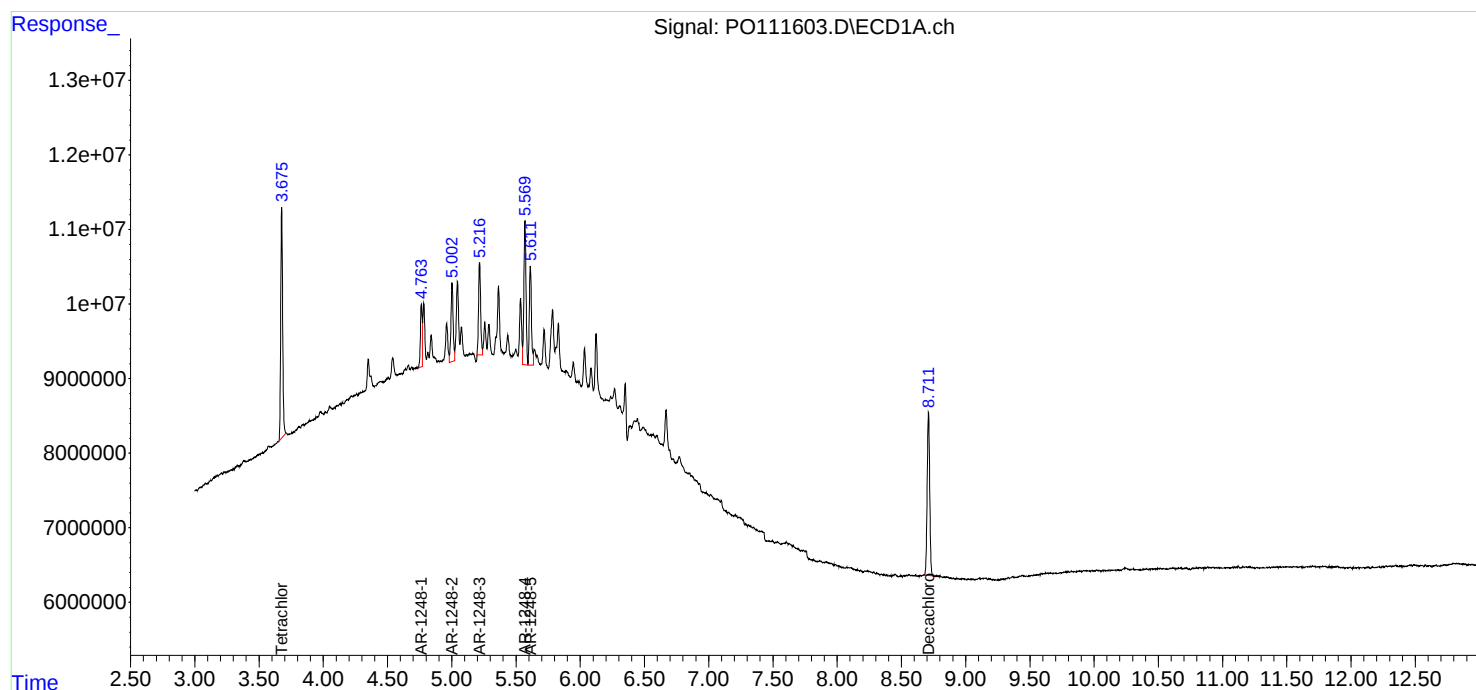
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 17:09:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 17:04:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 16:06
 Operator : YP/AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.674	572.4E6	555.4E6	95.059	97.186
2) SA Decachlor...	8.712	8.661	500.9E6	168.1E6	92.701	92.748
Target Compounds						
26) L6 AR-1254-1	5.571	5.549	375.3E6	296.9E6	917.463	930.476
27) L6 AR-1254-2	5.720	5.697	334.6E6	255.5E6	915.415	926.192
28) L6 AR-1254-3	6.124	6.098	528.3E6	392.9E6	931.715	942.252
29) L6 AR-1254-4	6.353	6.325	330.8E6	214.6E6	927.406	929.731
30) L6 AR-1254-5	6.773	6.743	481.2E6	301.4E6	939.831	930.901

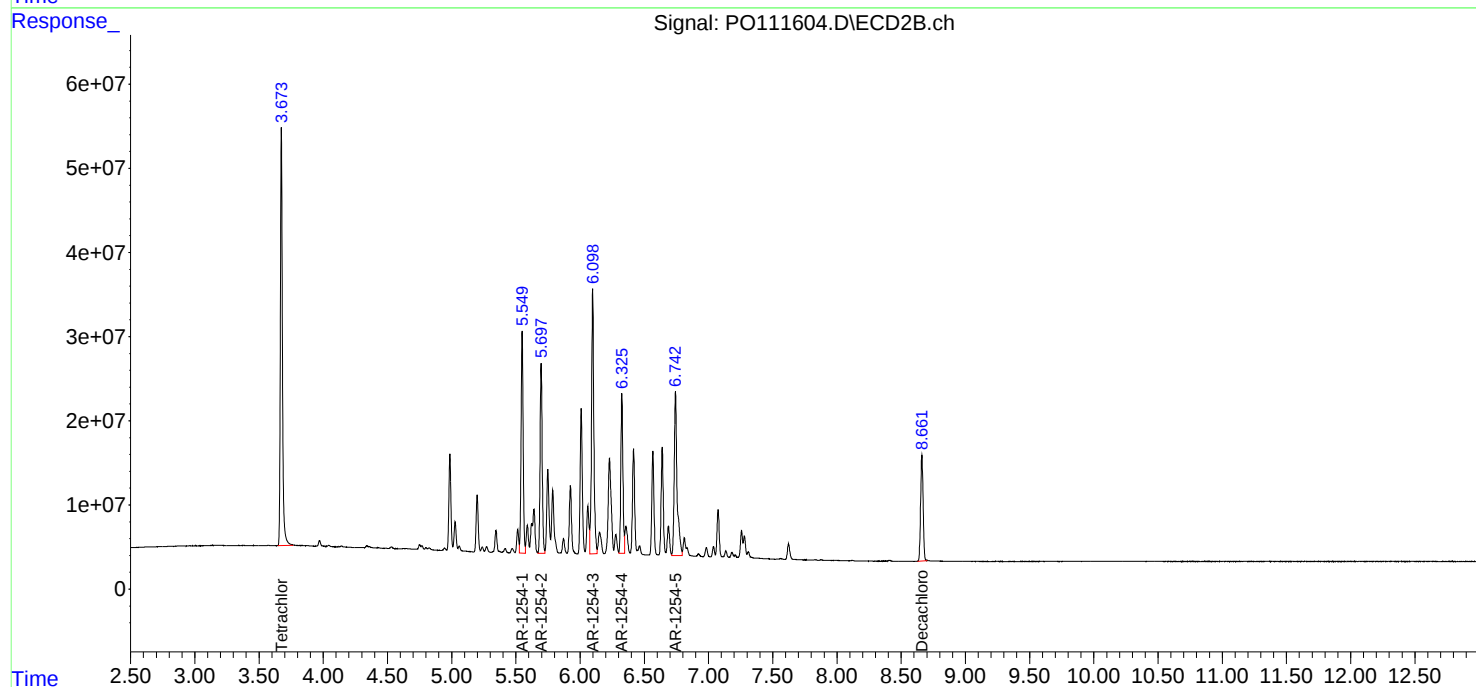
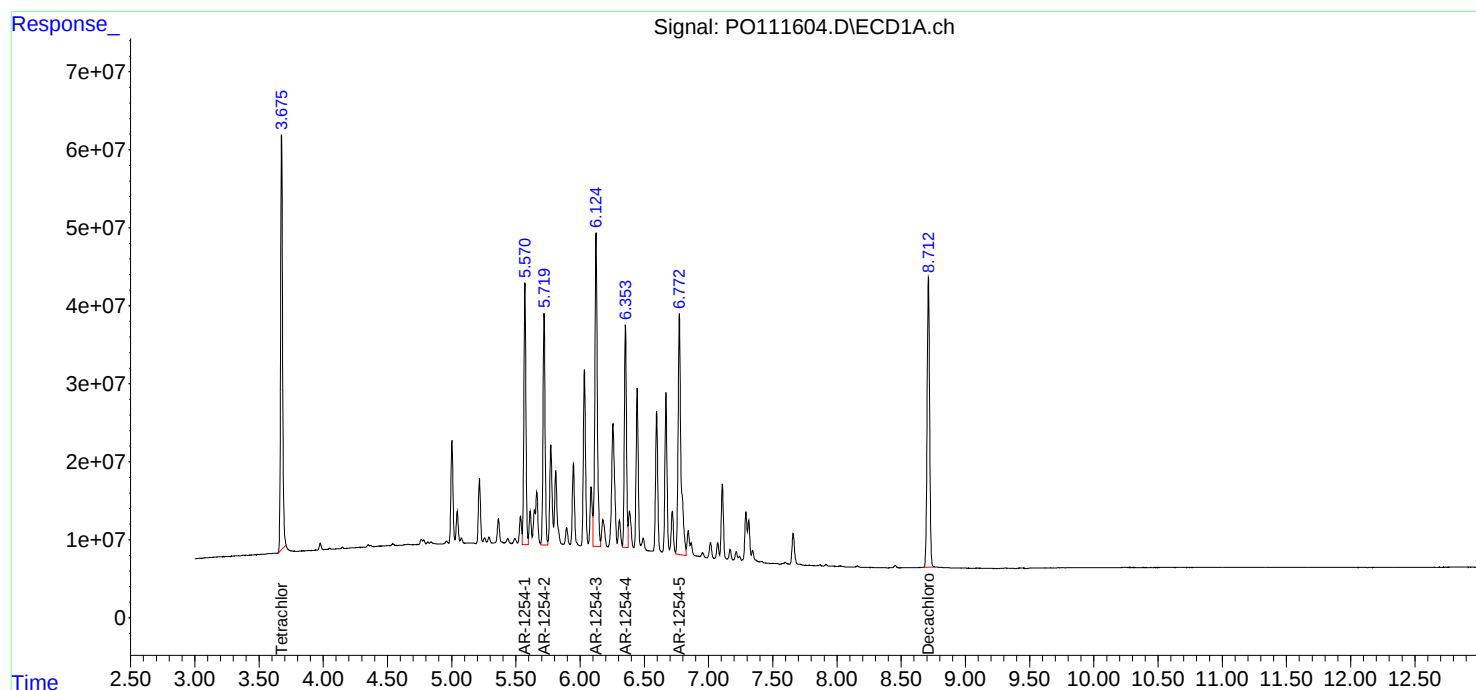
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:33:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.674	452.3E6	422.3E6	75.111m	73.899
2) SA Decachlor...	8.713	8.662	387.6E6	129.2E6	71.726	71.294
Target Compounds						
26) L6 AR-1254-1	5.572	5.550	292.8E6	227.9E6	715.883	714.287
27) L6 AR-1254-2	5.722	5.698	260.8E6	196.8E6	713.601	713.403
28) L6 AR-1254-3	6.126	6.099	406.3E6	300.2E6	716.678	719.918
29) L6 AR-1254-4	6.355	6.327	258.5E6	167.0E6	724.737	723.462
30) L6 AR-1254-5	6.775	6.744	368.9E6	231.0E6	720.516	713.515

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

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

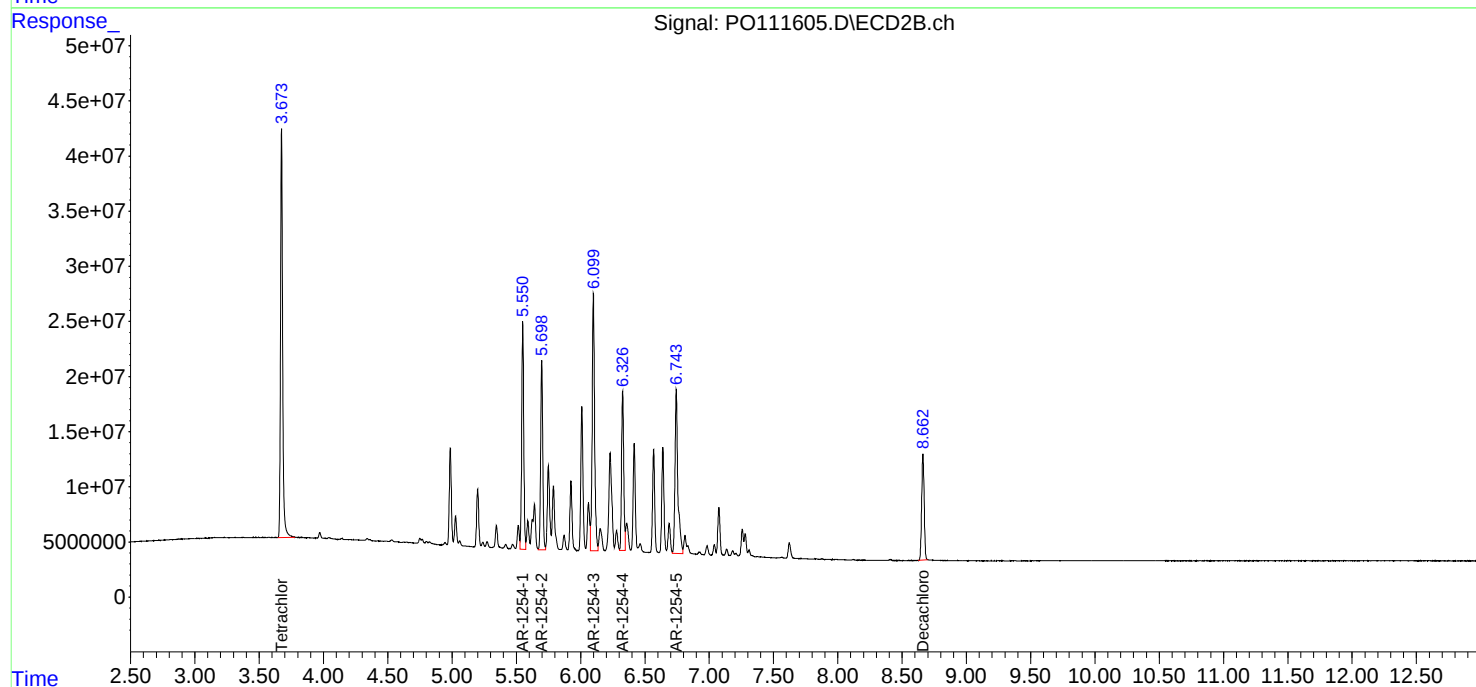
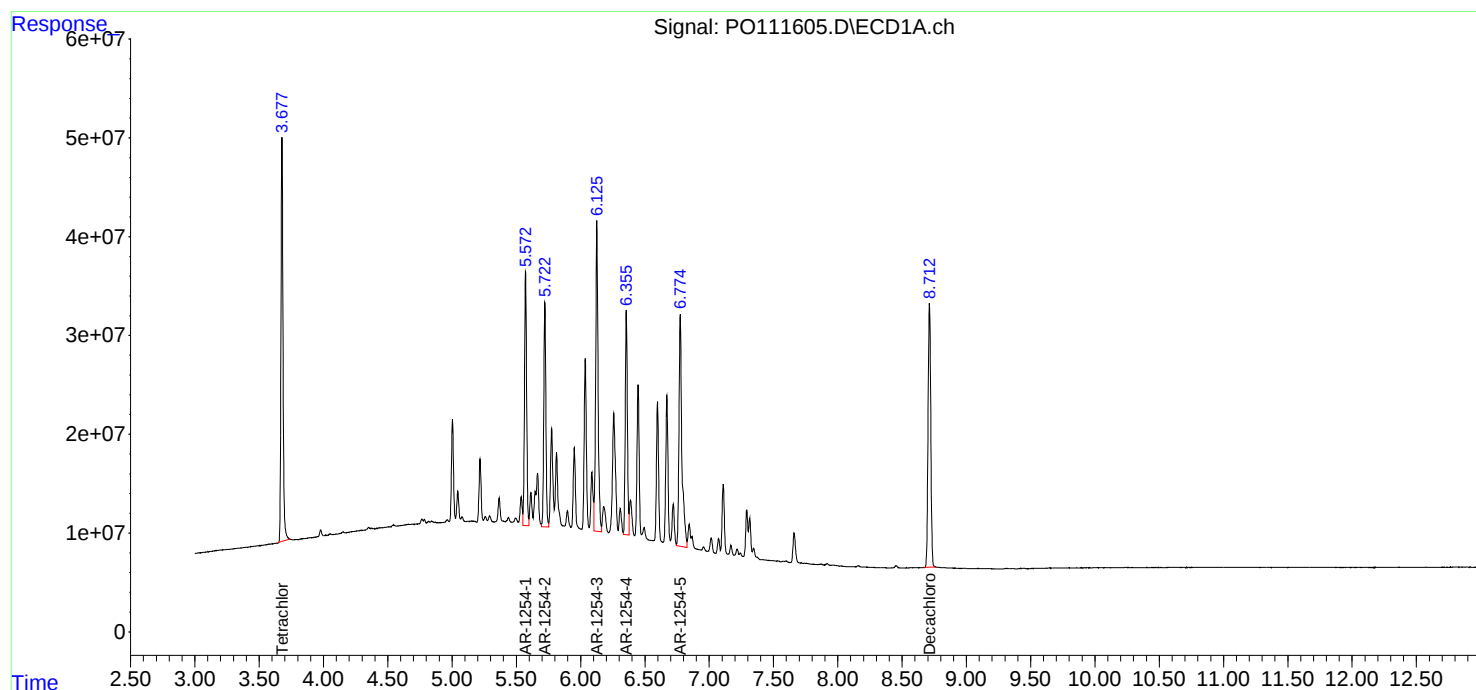
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.673	301.1E6	285.7E6	50.000	50.000
2) SA Decachlor...	8.712	8.661	270.2E6	90639373	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.572	5.549	204.5E6	159.6E6	500.000	500.000
27) L6 AR-1254-2	5.722	5.697	182.7E6	137.9E6	500.000	500.000
28) L6 AR-1254-3	6.126	6.098	283.5E6	208.5E6	500.000	500.000
29) L6 AR-1254-4	6.356	6.325	178.4E6	115.4E6	500.000	500.000
30) L6 AR-1254-5	6.775	6.742	256.0E6	161.9E6	500.000	500.000

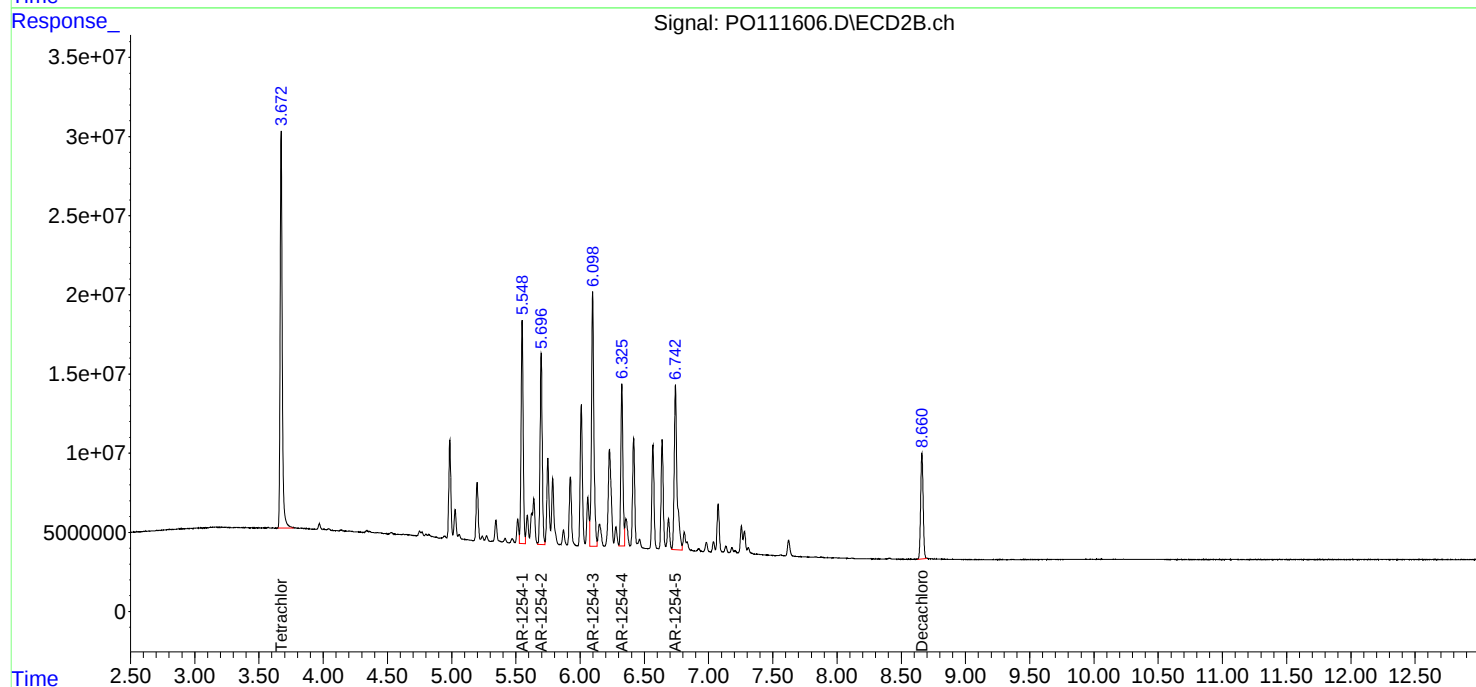
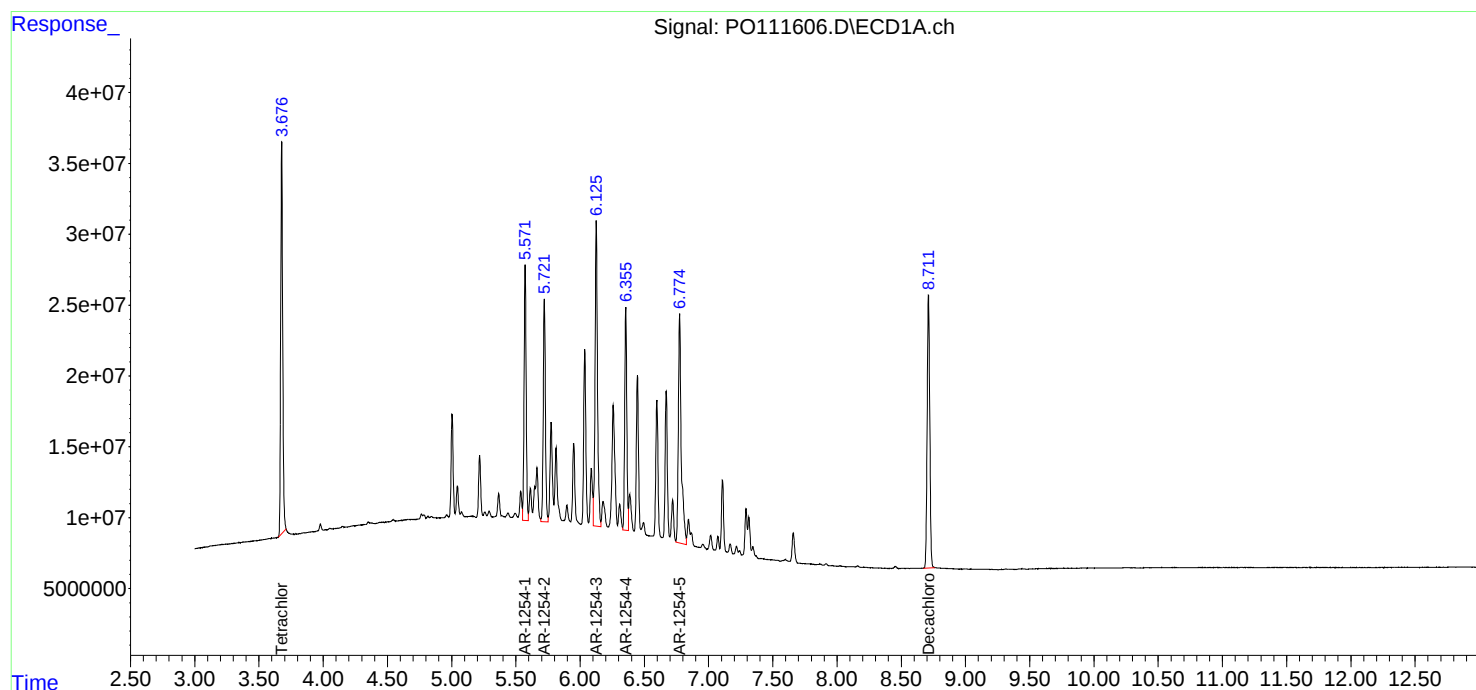
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.674	148.2E6	137.3E6	24.604	24.025
2) SA Decachlor...	8.712	8.661	134.5E6	44871339	24.893	24.753
Target Compounds						
26) L6 AR-1254-1	5.571	5.550	104.6E6	80140407	255.667	251.127
27) L6 AR-1254-2	5.720	5.697	93641034	69312951	256.223	251.306
28) L6 AR-1254-3	6.125	6.099	141.7E6	102.9E6	249.964	246.773
29) L6 AR-1254-4	6.354	6.327	88420478	57943475	247.881	250.992
30) L6 AR-1254-5	6.774	6.743	126.2E6	79955774	246.527	246.939

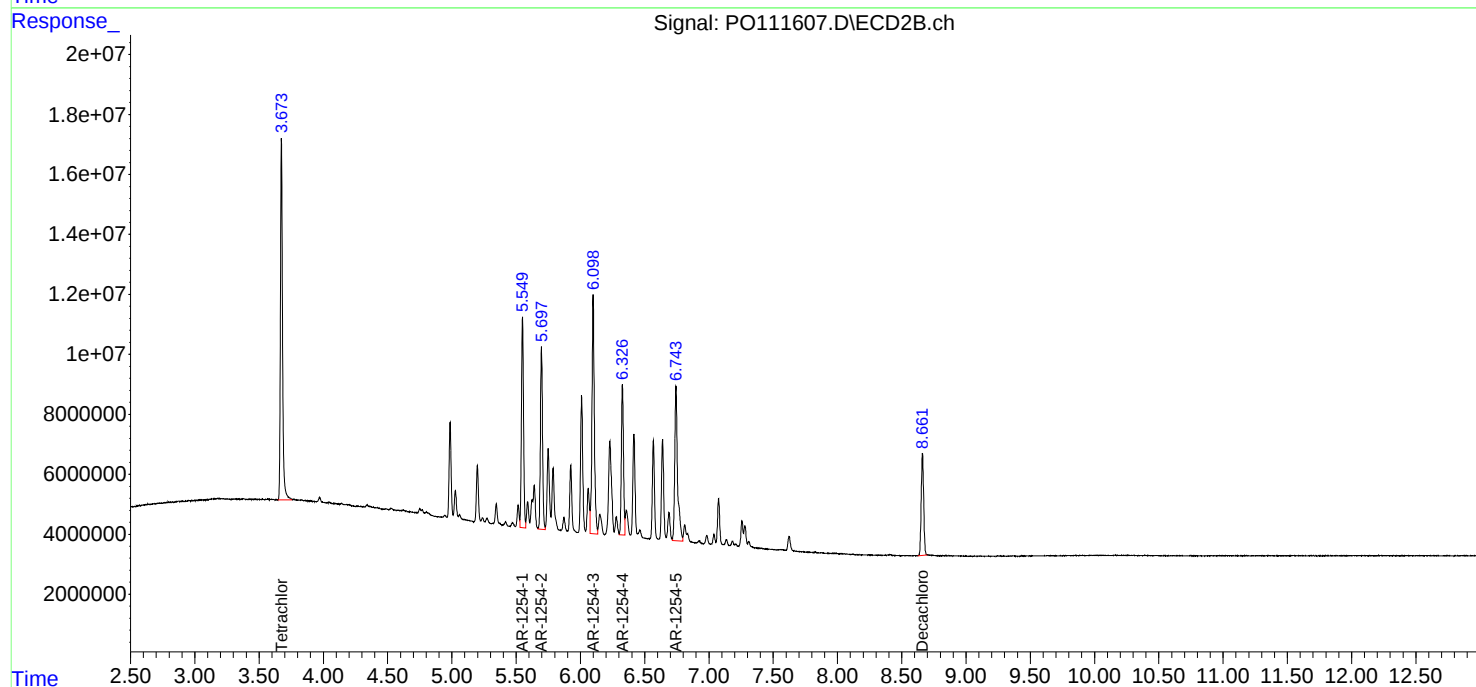
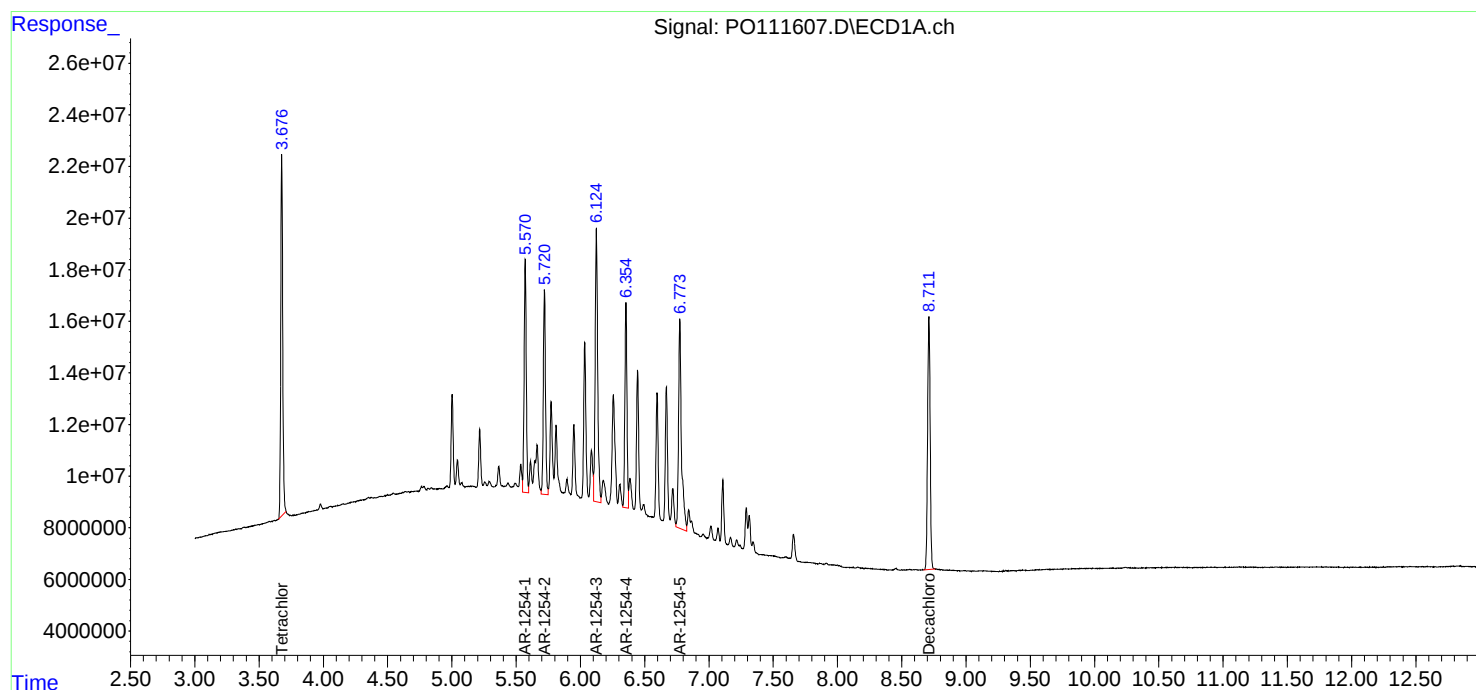
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:32:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.675	3.673	33268586	29021554	5.525	5.078
2) SA Decachlor...	8.711	8.661	30958063	10135764	5.729	5.591
Target Compounds						
26) L6 AR-1254-1	5.570	5.550	26611811	18724590	65.057	58.675
27) L6 AR-1254-2	5.719	5.697	23766283	16284924	65.030	59.044
28) L6 AR-1254-3	6.124	6.098	32638345	23686717	57.564	56.812
29) L6 AR-1254-4	6.352	6.326	17926220	11952540	50.255	51.774
30) L6 AR-1254-5	6.772	6.743	28538450	18744477	55.741	57.891

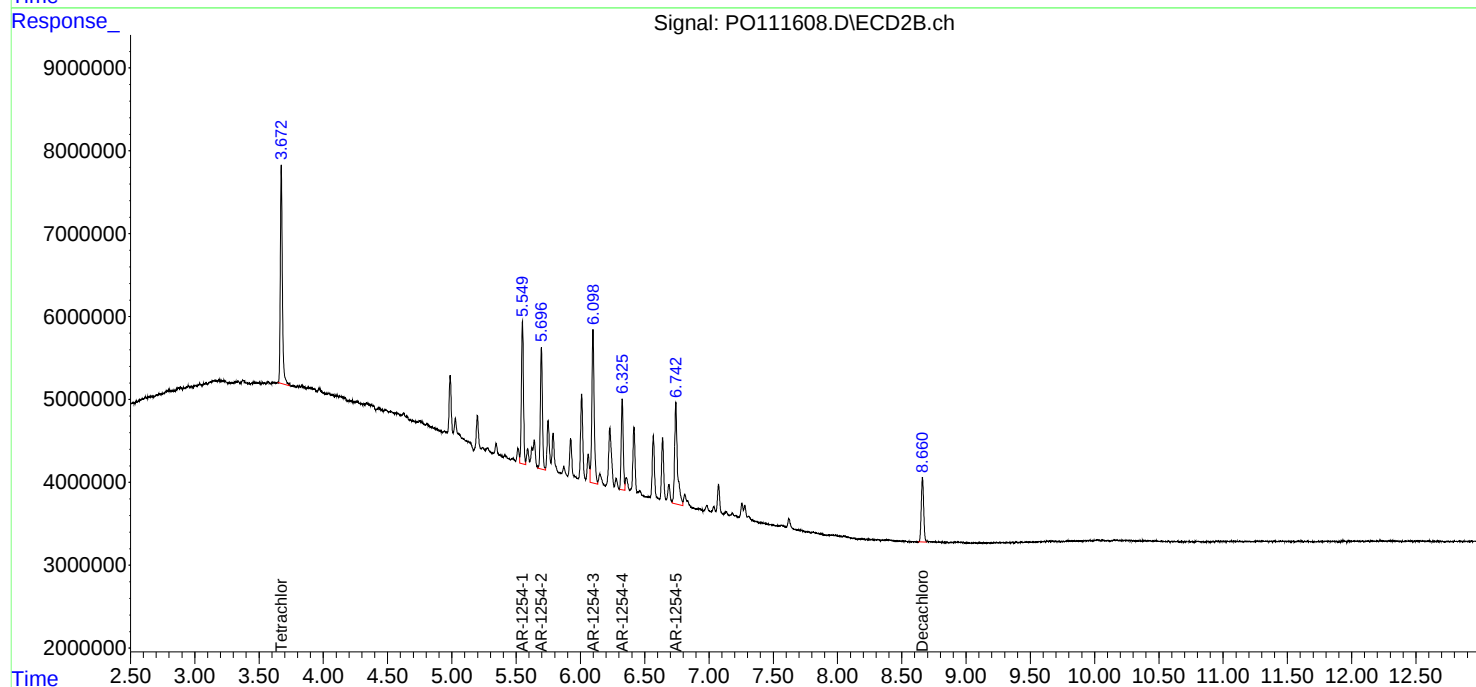
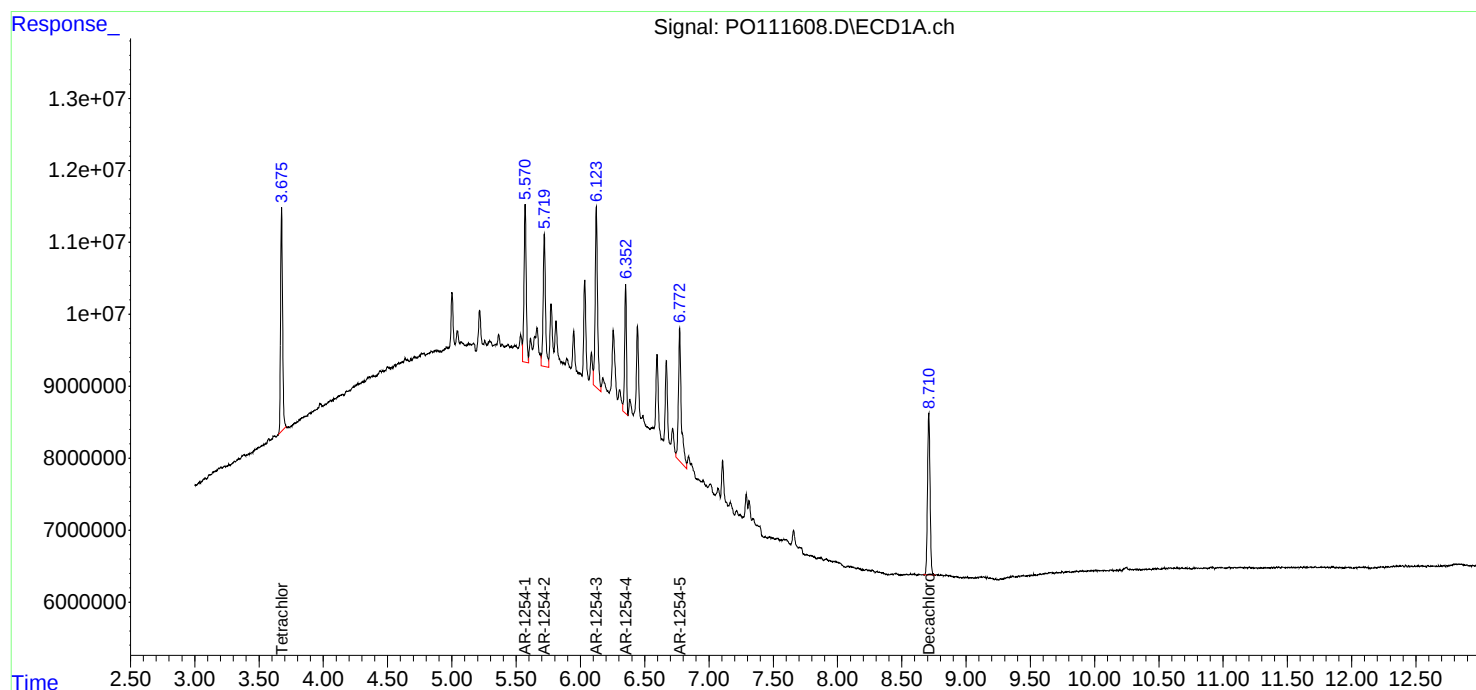
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:36
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 05:47:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:42:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	306.3E6	279.8E6	50.000	50.000
2) SA Decachlor...	8.713	8.663	265.9E6	88744221	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.815	6.782	304.9E6	168.8E6	500.000	500.000
37) L8 AR-1262-2	7.317	7.281	470.7E6	232.9E6	500.000	500.000
38) L8 AR-1262-3	7.601	7.564	198.3E6	83142550	500.000	500.000
39) L8 AR-1262-4	7.664	7.628	328.5E6	138.5E6	500.000	500.000
40) L8 AR-1262-5	8.161	8.120	152.3E6	50809689	500.000	500.000

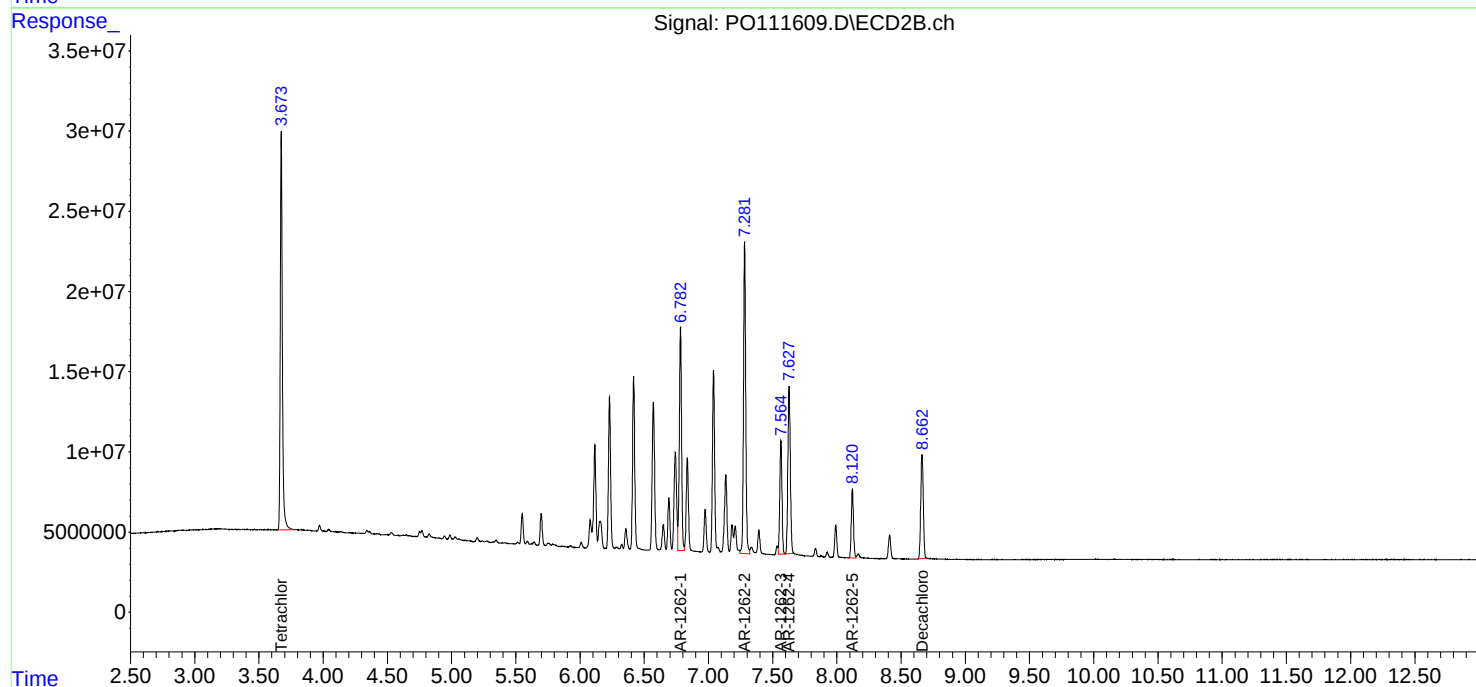
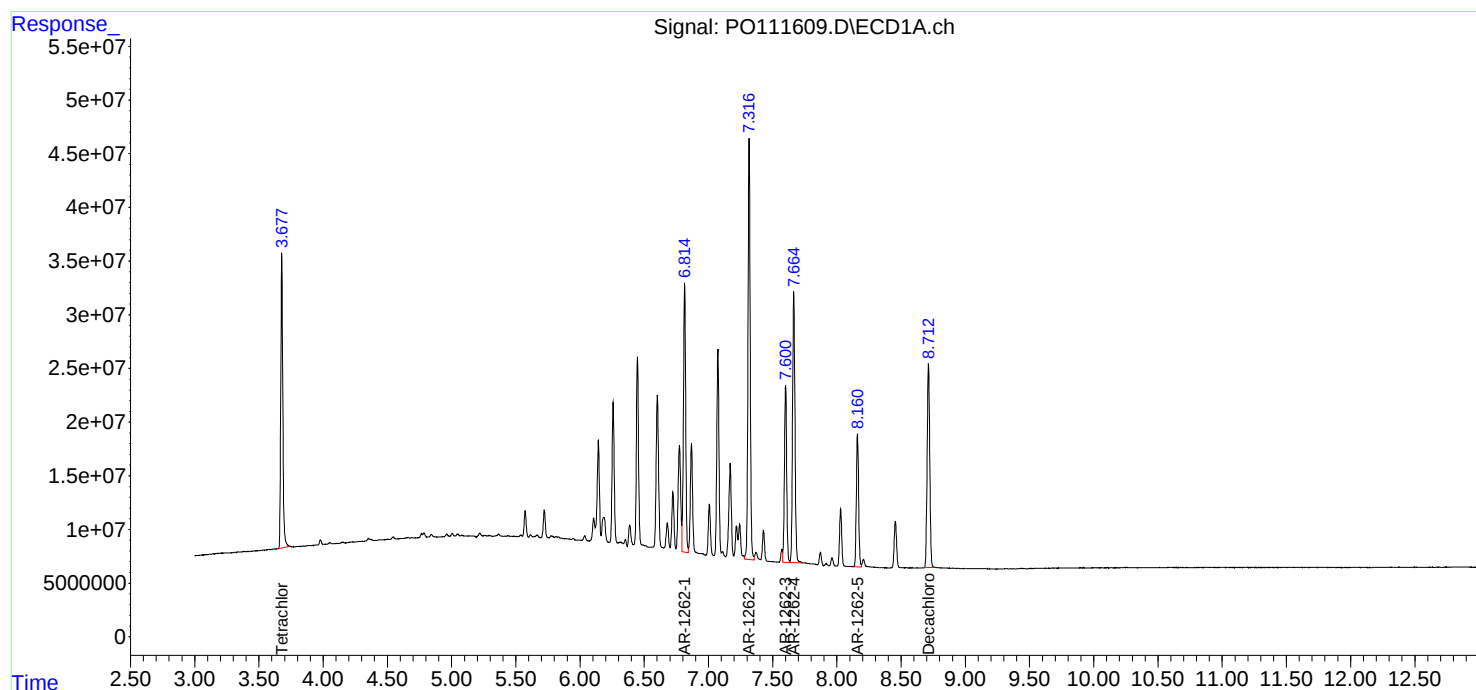
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:47:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:42:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 17:55
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	594.4E6	555.7E6	94.817	97.557
2) SA Decachlor...	8.713	8.662	882.0E6	294.4E6	94.438	95.085
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	1033.9E6	439.2E6	942.617	959.115m
42) L9 AR-1268-2	7.666	7.629	906.0E6	386.0E6	949.415	965.208
43) L9 AR-1268-3	7.871	7.834	760.3E6	289.6E6	950.113	950.928
44) L9 AR-1268-4	8.161	8.120	324.7E6	108.4E6	941.712	959.983
45) L9 AR-1268-5	8.456	8.411	2115.2E6	686.4E6	967.063	971.678

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

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

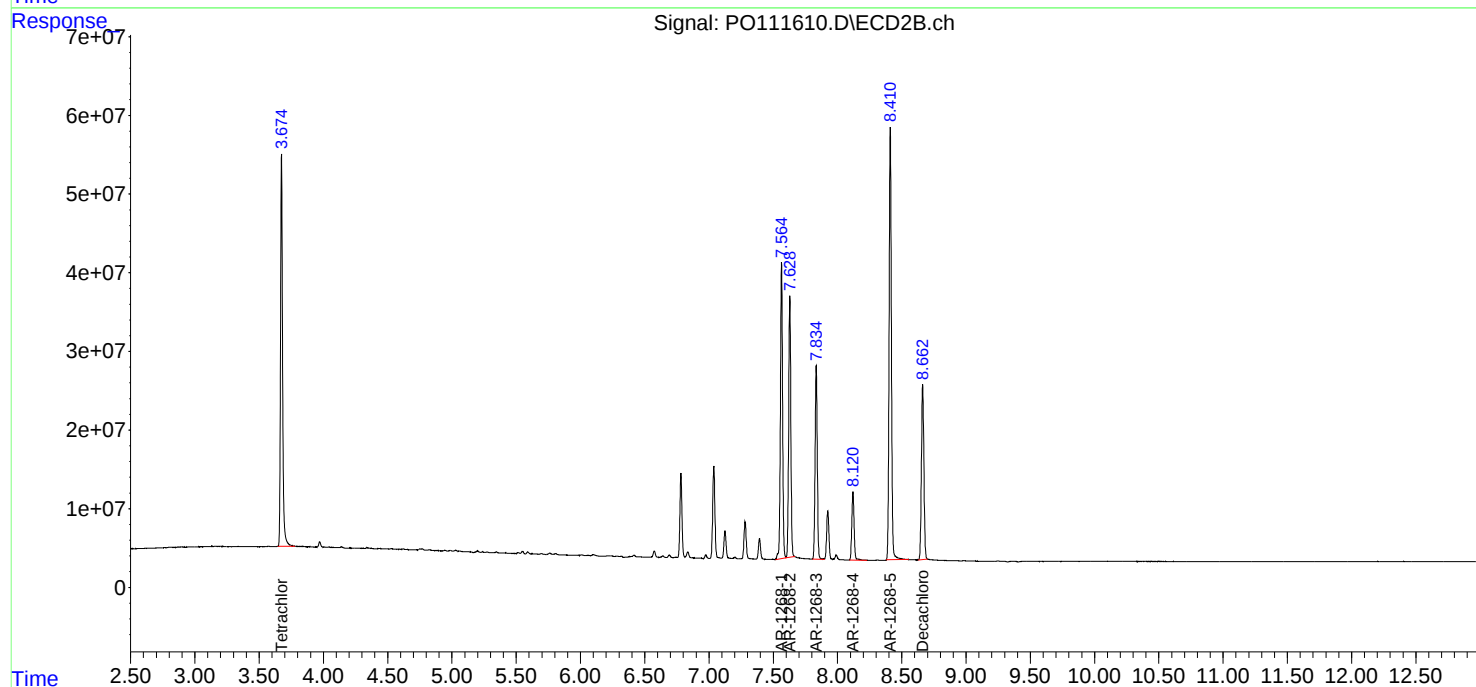
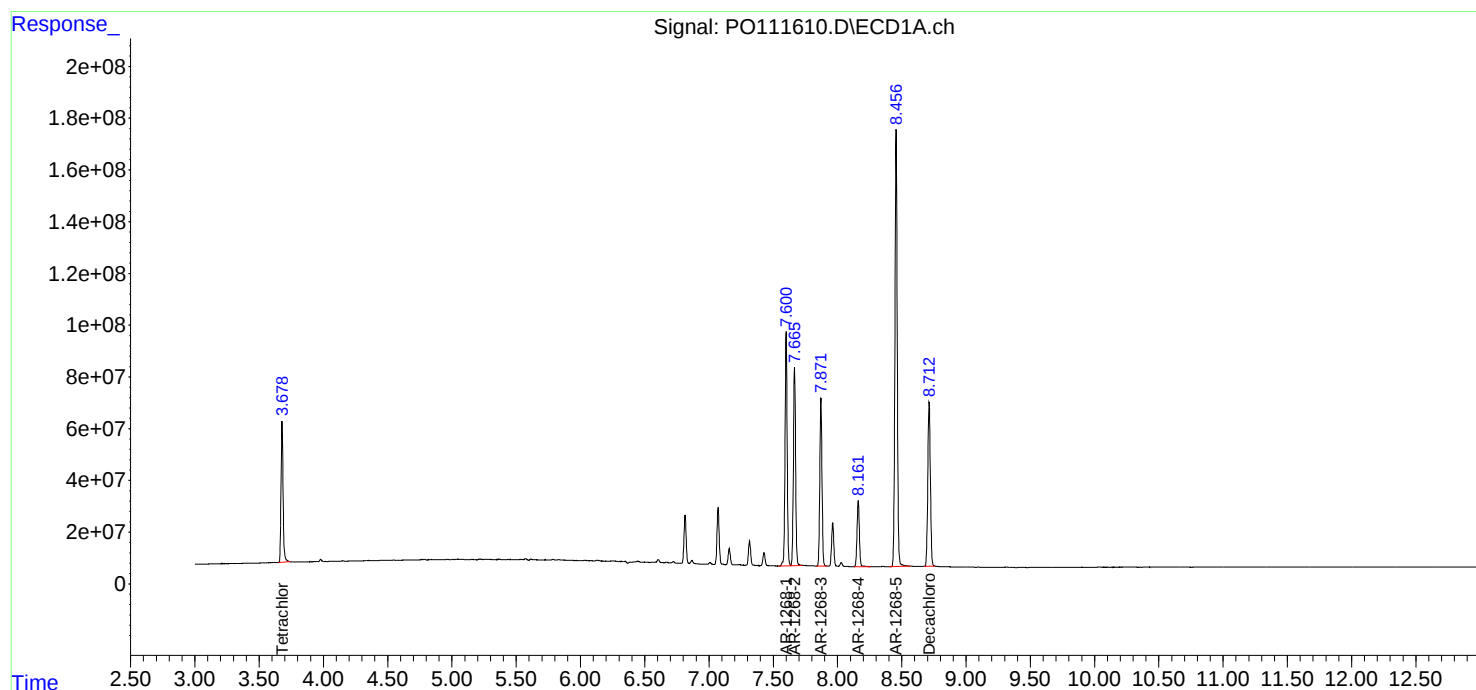
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111611.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 18:13
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	455.9E6	422.3E6	72.724	74.142
2) SA Decachlor...	8.714	8.662	675.4E6	224.8E6	72.317	72.615
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	793.7E6	333.1E6	723.633	727.520
42) L9 AR-1268-2	7.665	7.629	689.0E6	292.9E6	722.004	732.523
43) L9 AR-1268-3	7.872	7.834	582.6E6	221.2E6	728.087	726.286
44) L9 AR-1268-4	8.160	8.120	245.1E6	81834207	710.765	725.030
45) L9 AR-1268-5	8.456	8.411	1601.8E6	521.1E6	732.335	737.736

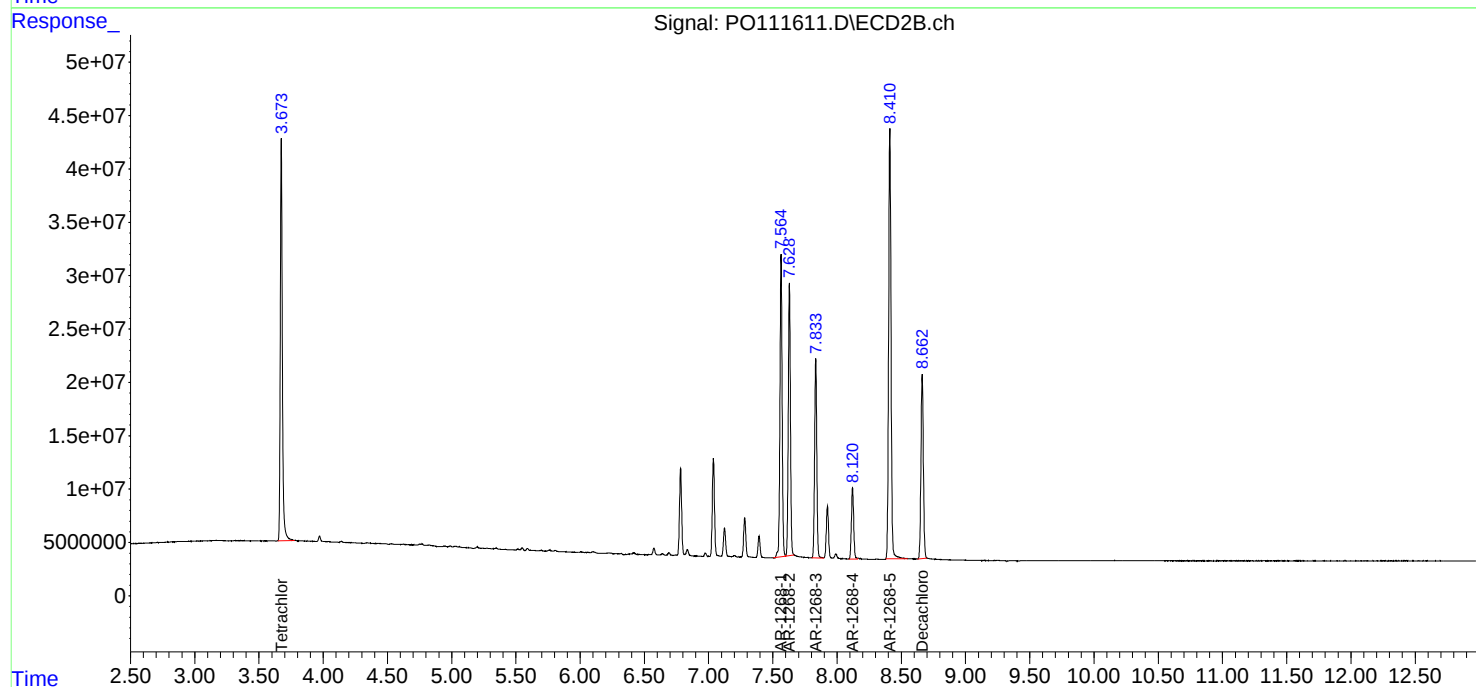
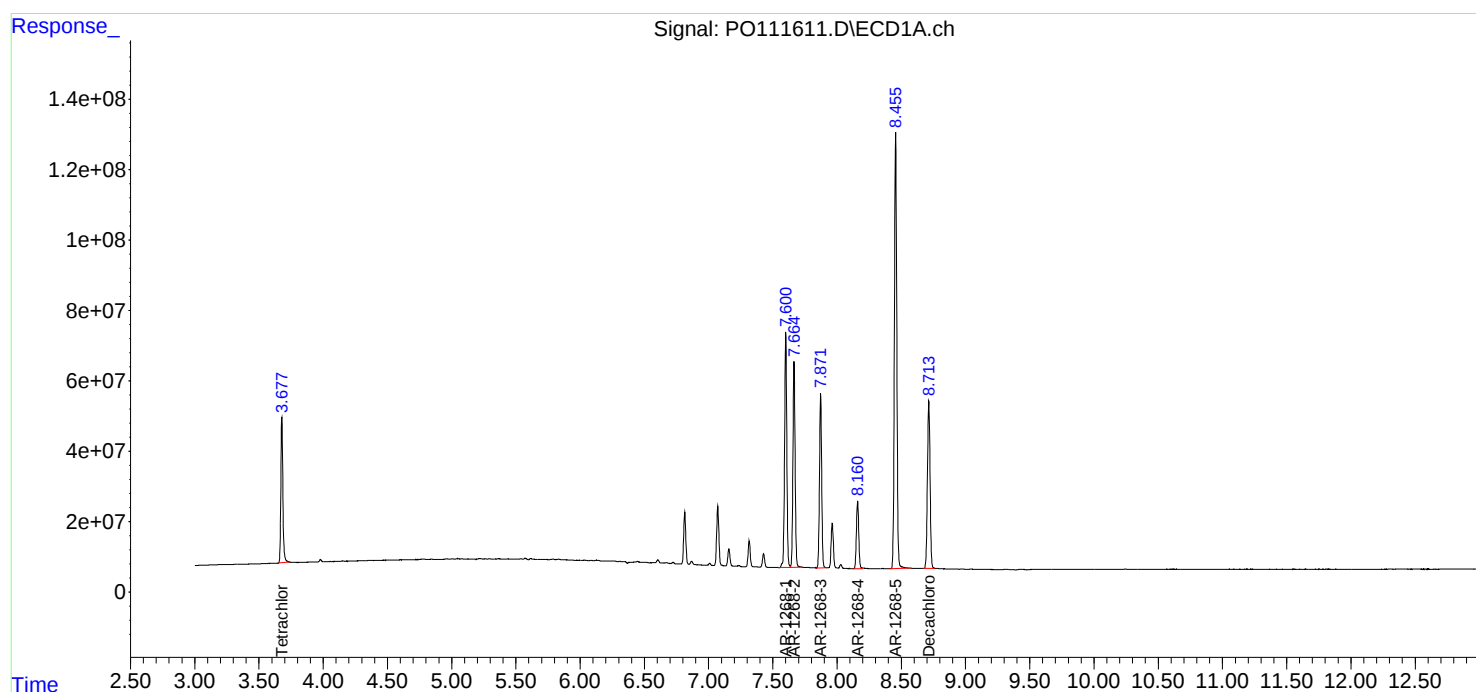
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111612.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 18:31
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	313.5E6	284.8E6	50.000	50.000
2) SA Decachlor...	8.714	8.663	467.0E6	154.8E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.601	7.564	548.4E6	229.0E6	500.000	500.000
42) L9 AR-1268-2	7.665	7.629	477.2E6	200.0E6	500.000	500.000
43) L9 AR-1268-3	7.872	7.834	400.1E6	152.3E6	500.000	500.000
44) L9 AR-1268-4	8.161	8.121	172.4E6	56435057	500.000	500.000
45) L9 AR-1268-5	8.455	8.411	1093.6E6	353.2E6	500.000	500.000

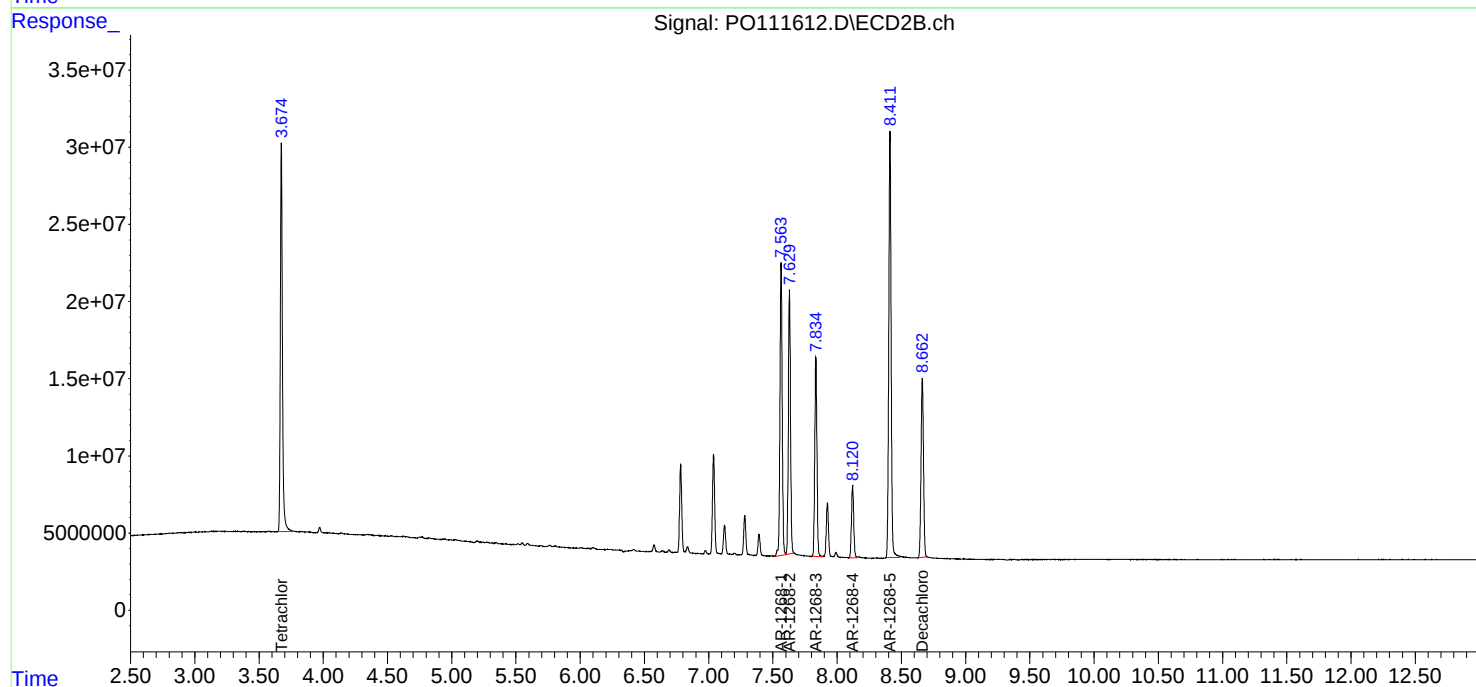
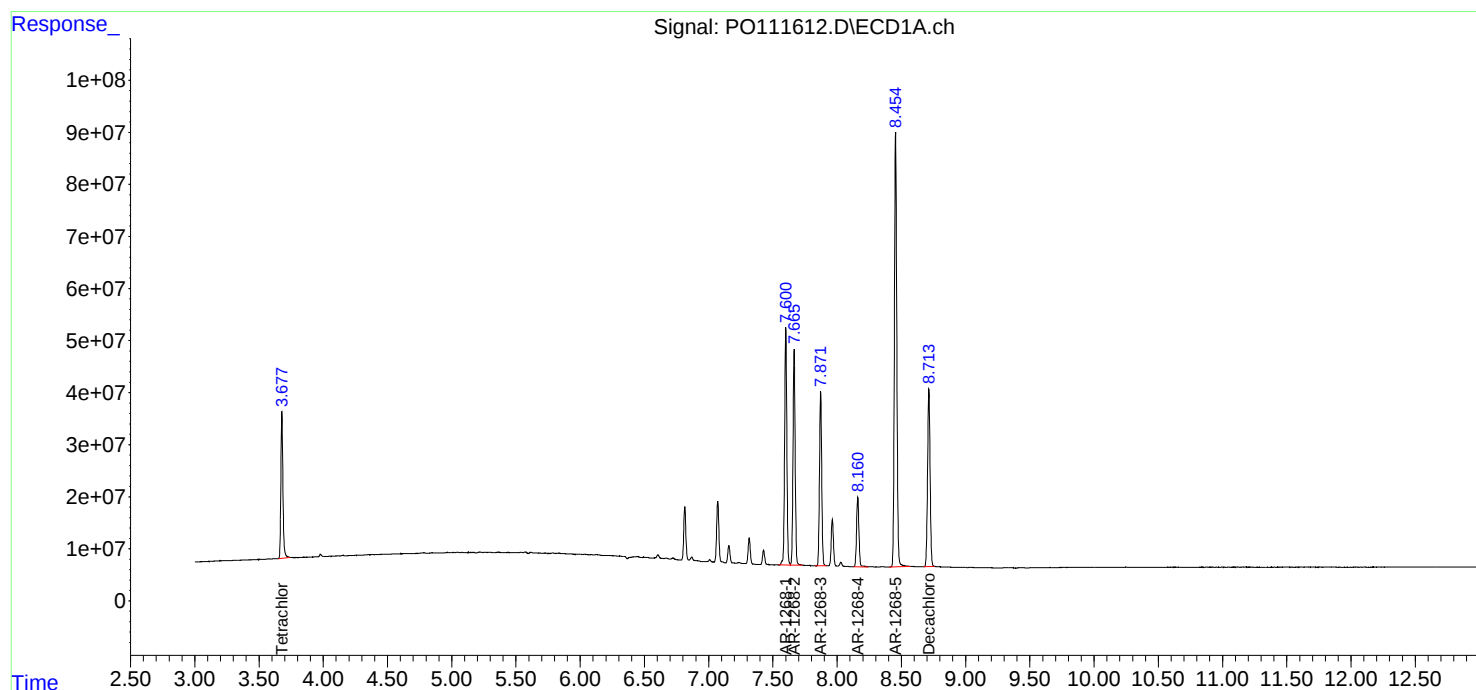
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	163.0E6	145.2E6	26.003	25.485
2) SA Decachlor...	8.713	8.663	247.2E6	81962535	26.465	26.471
Target Compounds						
41) L9 AR-1268-1	7.600	7.563	288.8E6	121.2E6	263.299	264.598m
42) L9 AR-1268-2	7.666	7.628	247.3E6	105.6E6	259.148	264.128
43) L9 AR-1268-3	7.872	7.833	210.9E6	81168400	263.556	266.540
44) L9 AR-1268-4	8.161	8.119	89176833	29806035	258.652	264.074m
45) L9 AR-1268-5	8.456	8.410	563.6E6	183.9E6	257.688	260.275

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

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

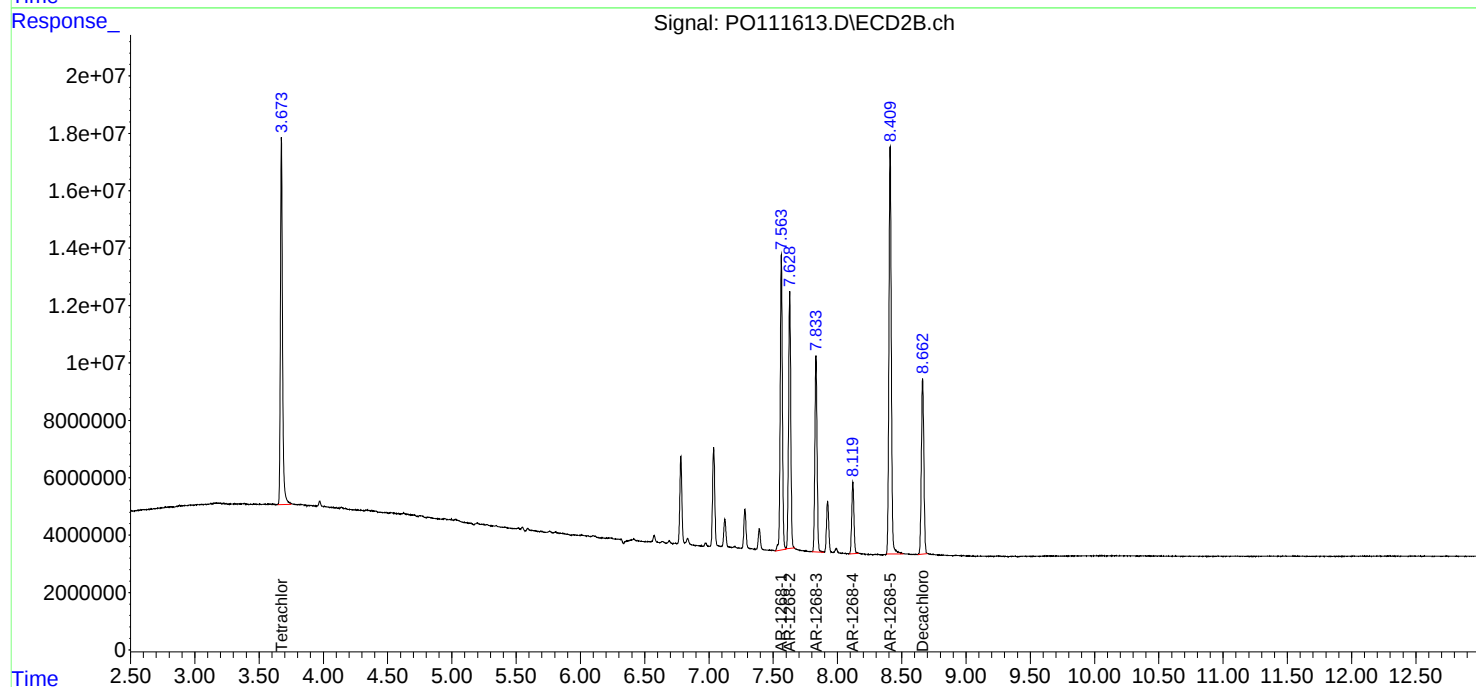
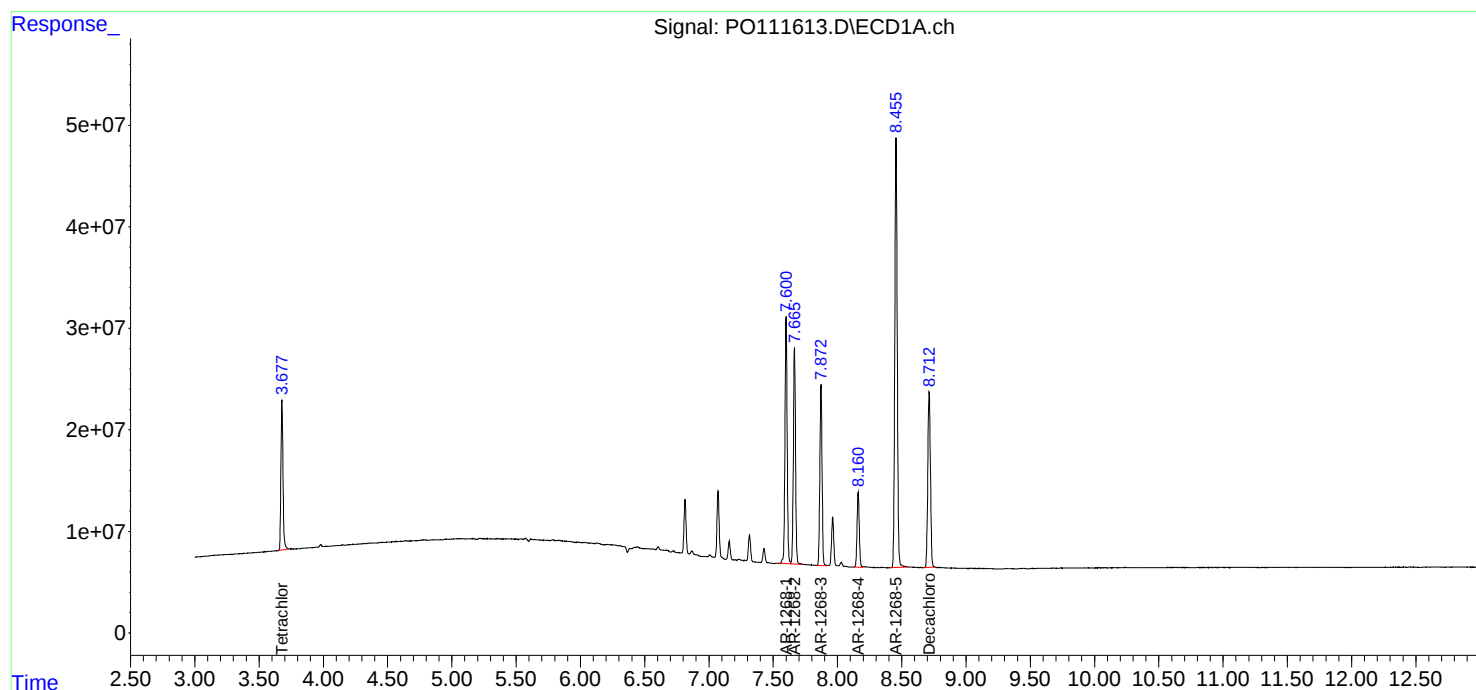
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 19:07
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:02:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.676	3.673	33978396	28591895	5.420	5.019
2) SA Decachlor...	8.711	8.662	53020278	17366893	5.677	5.609
Target Compounds						
41) L9 AR-1268-1	7.599	7.563	64431354	28304378	58.742	61.812
42) L9 AR-1268-2	7.664	7.628	55894407	24176130	58.570	60.455
43) L9 AR-1268-3	7.870	7.833	45853850	18553952	57.300	60.927
44) L9 AR-1268-4	8.159	8.120	18350605	6436315	53.225	57.024
45) L9 AR-1268-5	8.454	8.410	120.5E6	40005648	55.081	56.632

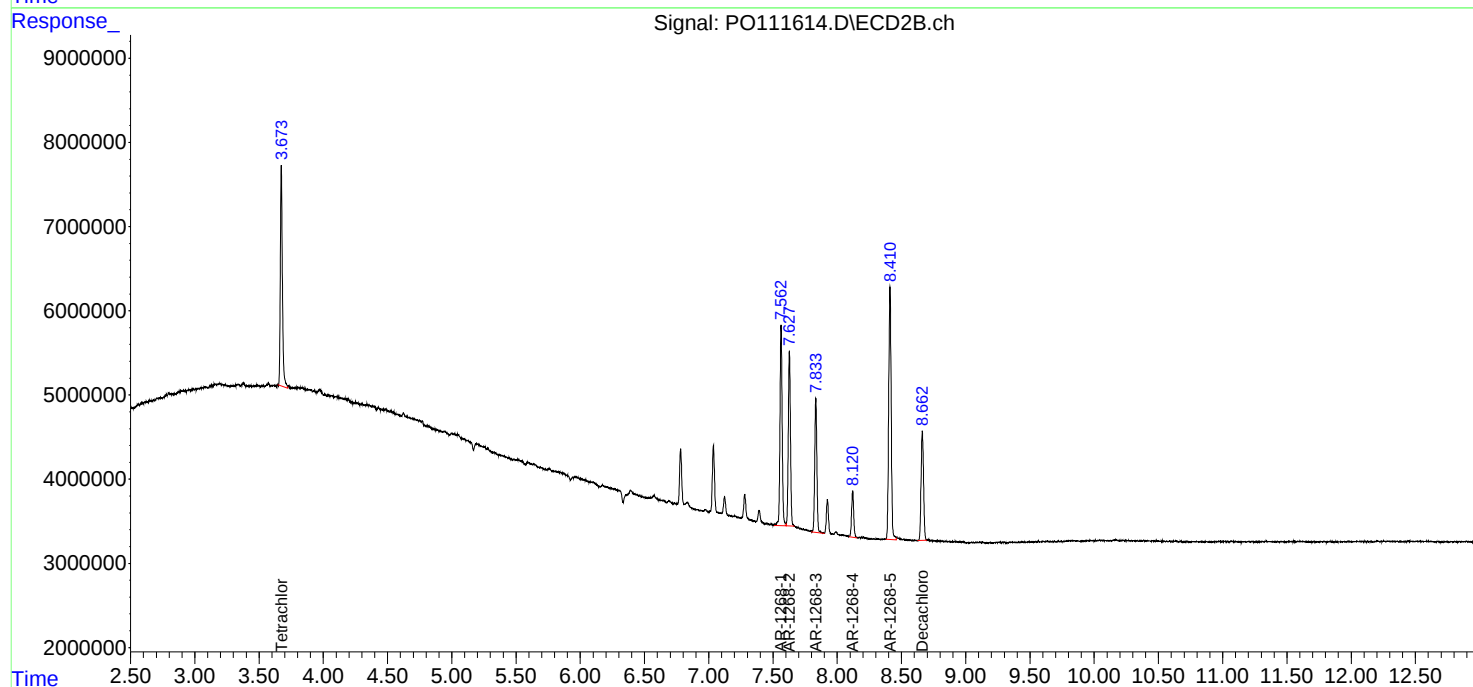
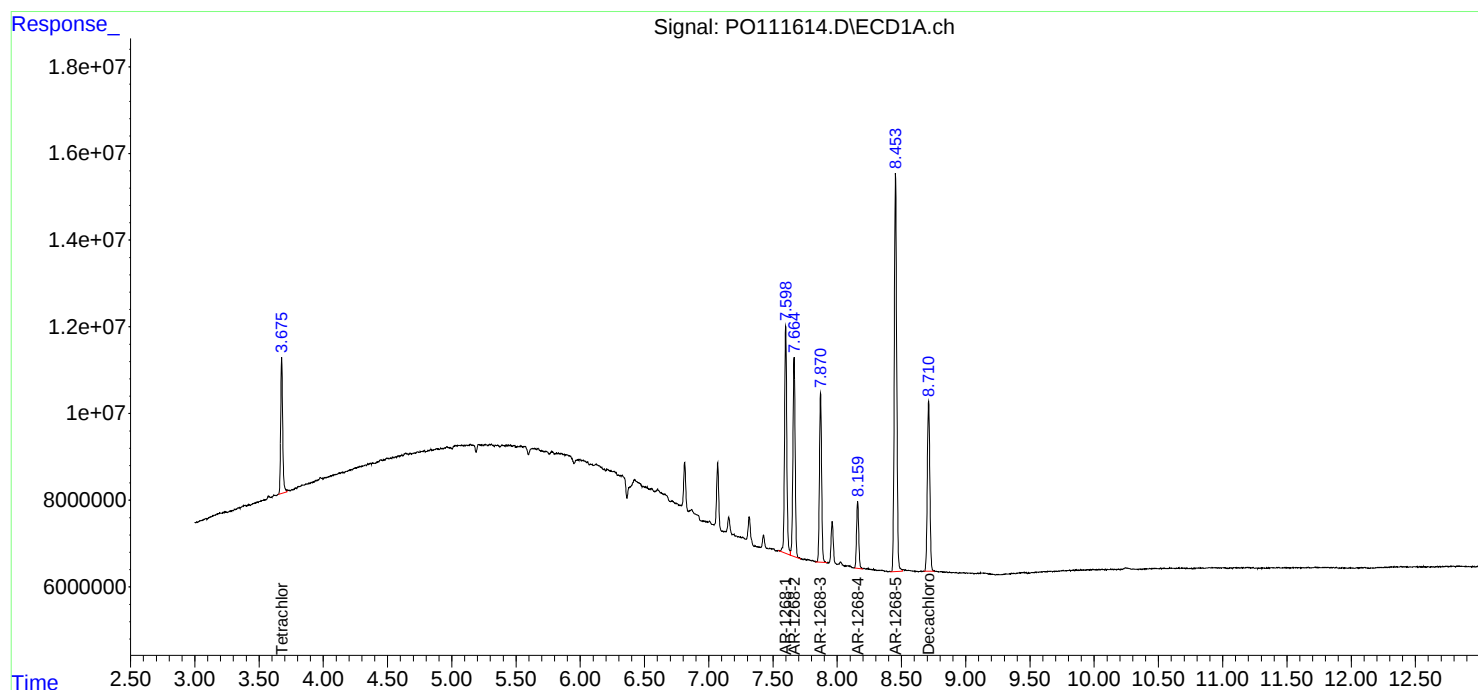
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:32:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	312.8E6	284.5E6	54.313	50.649
2) SA Decachlor...	8.714	8.663	262.1E6	87482159	49.936	49.212
Target Compounds						
3) L1 AR-1016-1	4.767	4.751	120.8E6	96122372	506.366	488.508
4) L1 AR-1016-2	4.785	4.769	171.7E6	140.6E6	516.057	493.691
5) L1 AR-1016-3	4.842	4.945	119.3E6	74902189	518.404	498.552
6) L1 AR-1016-4	4.962	4.987	94987891	60498359	512.167	496.754
7) L1 AR-1016-5	5.219	5.199	98032616	79010871	525.240	496.304
31) L7 AR-1260-1	6.258	6.230	174.2E6	124.2E6	490.145	494.961
32) L7 AR-1260-2	6.448	6.417	235.7E6	144.3E6	498.933	490.854
33) L7 AR-1260-3	6.814	6.570	213.4E6	130.1E6	502.477	487.032
34) L7 AR-1260-4	7.074	7.040	158.0E6	93232919	502.582	490.451
35) L7 AR-1260-5	7.316	7.281	408.9E6	206.3E6	496.383	485.361

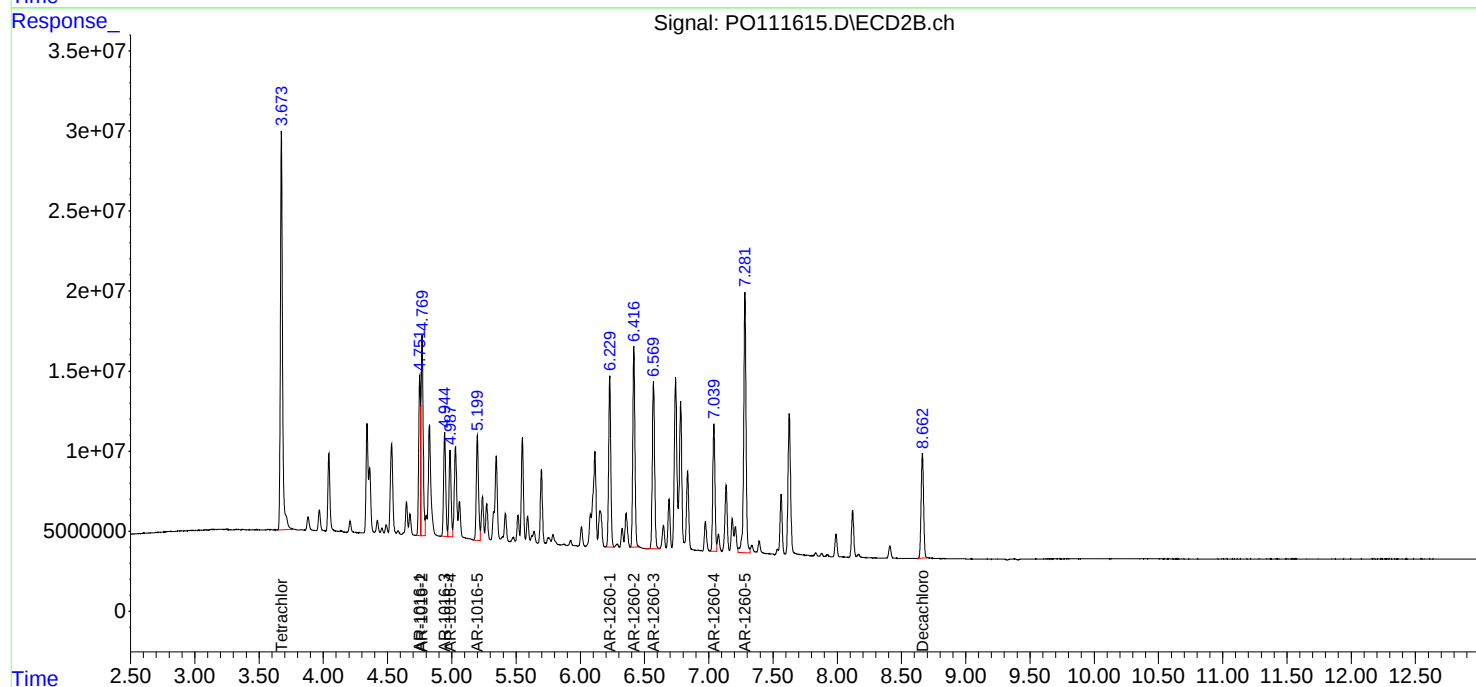
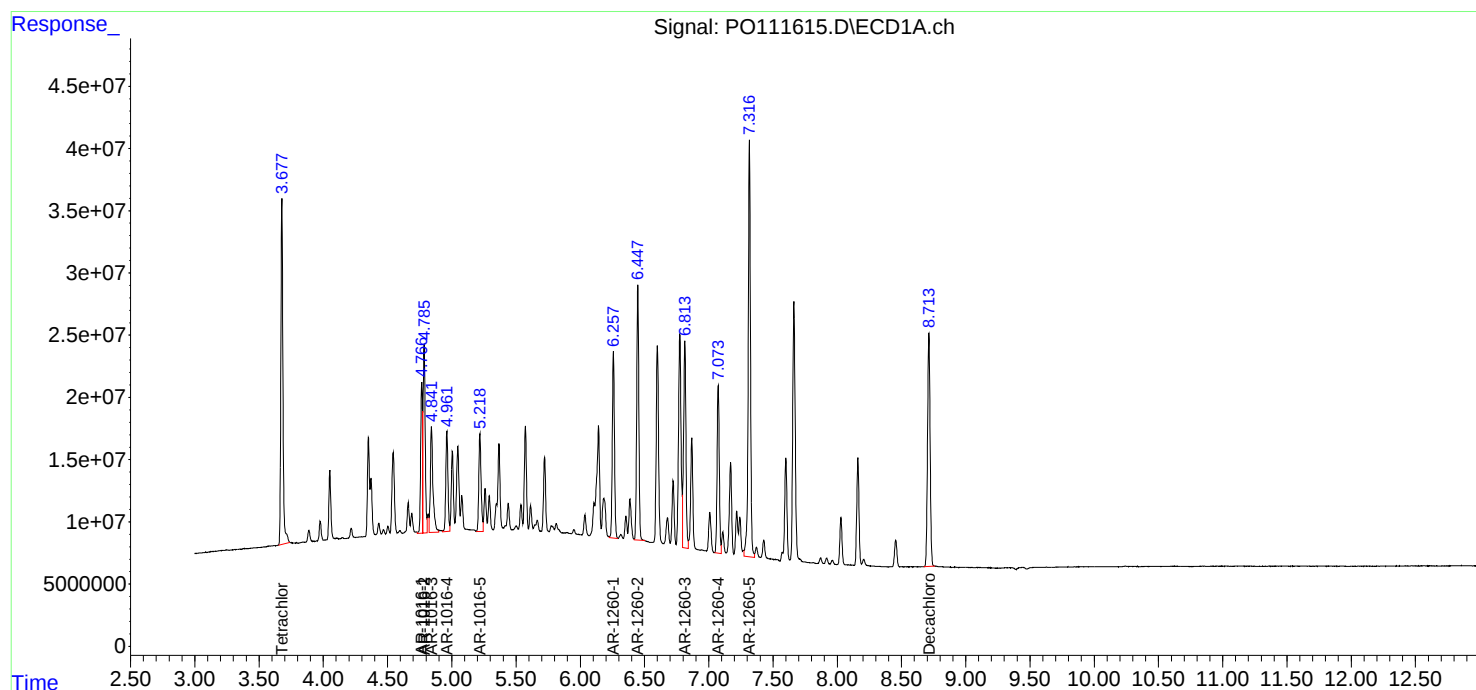
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P011616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 20:02
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.674	317.8E6	290.0E6	55.185	51.631
2) SA Decachlor...	8.714	8.662	265.8E6	87982650	50.639	49.493
Target Compounds						
16) L4 AR-1242-1	4.767	4.751	103.3E6	83976174	512.987	515.952
17) L4 AR-1242-2	4.785	4.770	152.5E6	122.9E6	541.110	520.666
18) L4 AR-1242-3	4.842	4.945	104.8E6	65447268	527.329	521.121
19) L4 AR-1242-4	4.962	5.029	83763653	64008885	529.489	522.271
20) L4 AR-1242-5	5.615	5.549	88172283	78363974	527.295	522.812

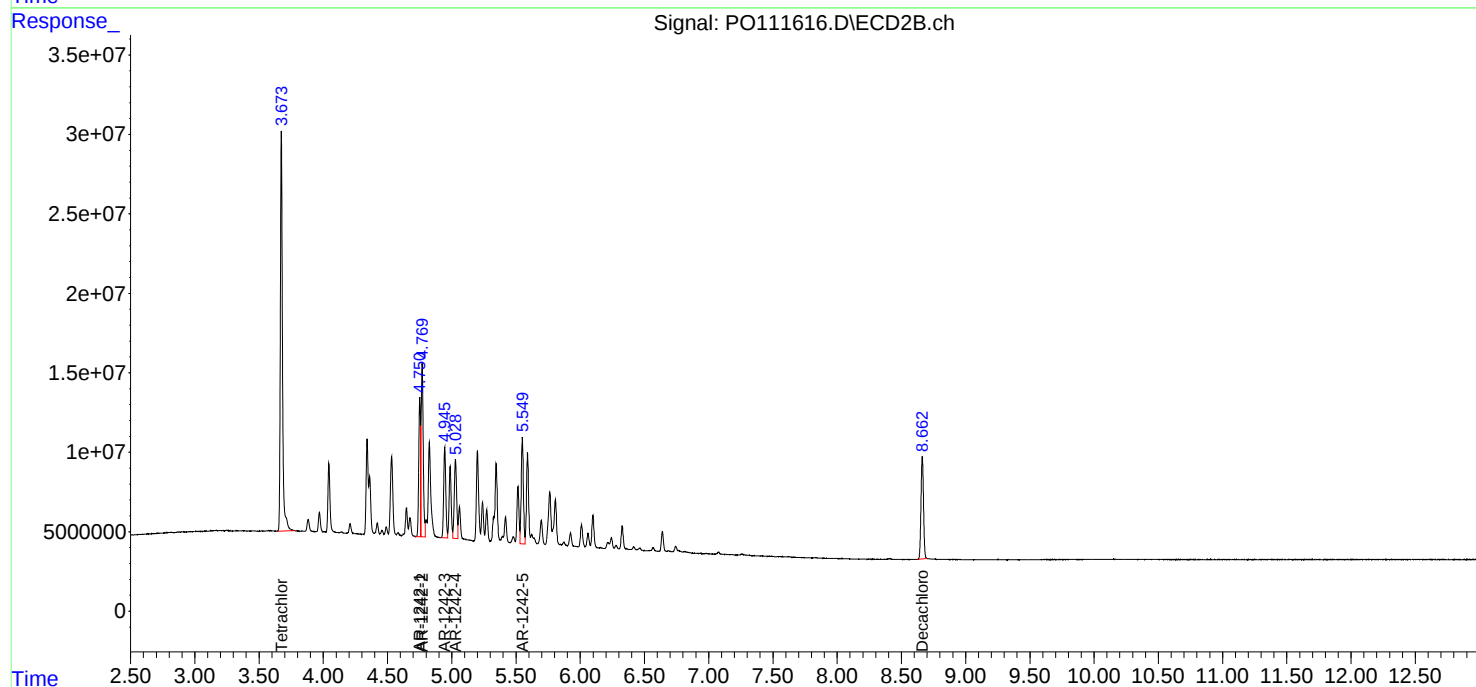
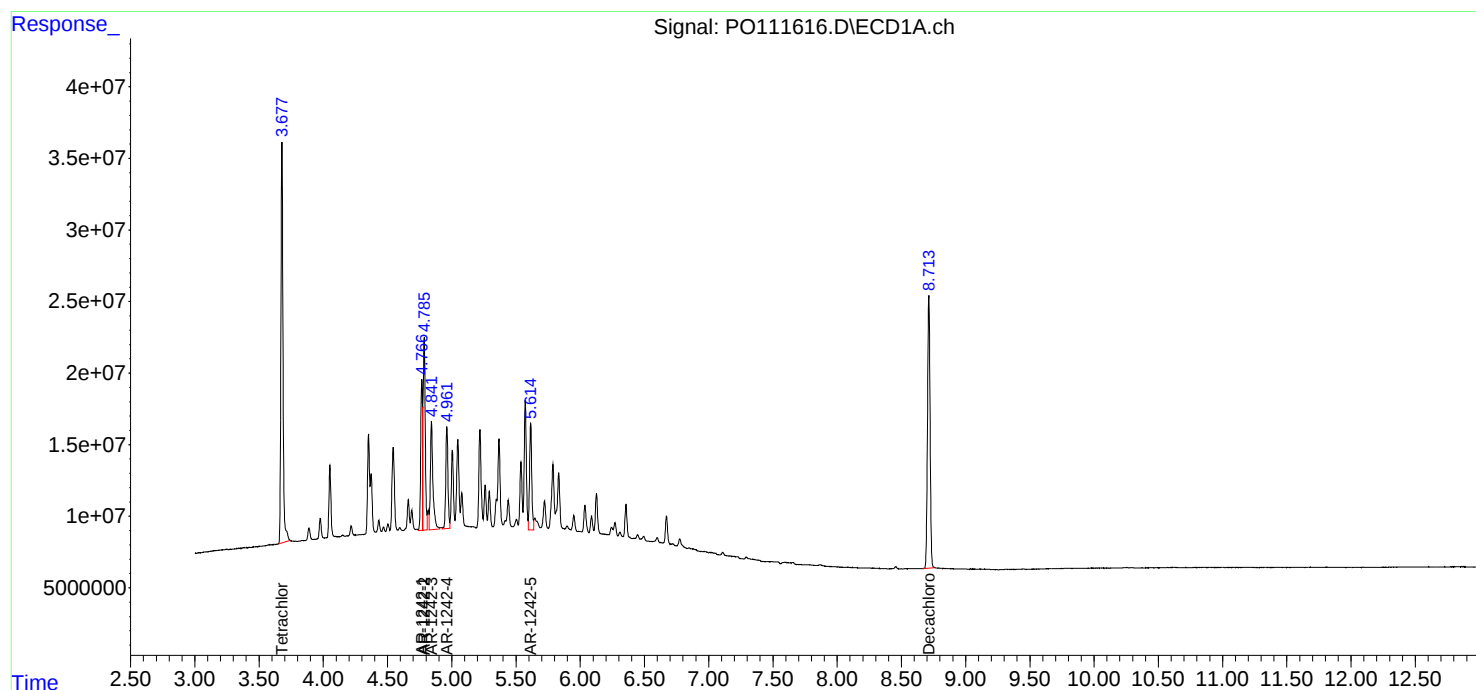
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061125\
 Data File : P0111617.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 20:39
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:33:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	308.6E6	278.4E6	53.581	49.556
2) SA Decachlor...	8.714	8.662	263.4E6	87190525	50.183	49.048
Target Compounds						
21) L5 AR-1248-1	4.766	4.751	78506668	63861888	486.816	479.140
22) L5 AR-1248-2	5.005	4.987	105.2E6	86852556	487.818	487.510
23) L5 AR-1248-3	5.219	5.029	133.1E6	91125563	493.349	481.031
24) L5 AR-1248-4	5.573	5.199	195.1E6	107.8E6	488.041	472.328
25) L5 AR-1248-5	5.614	5.590	137.6E6	104.3E6	490.112	479.030

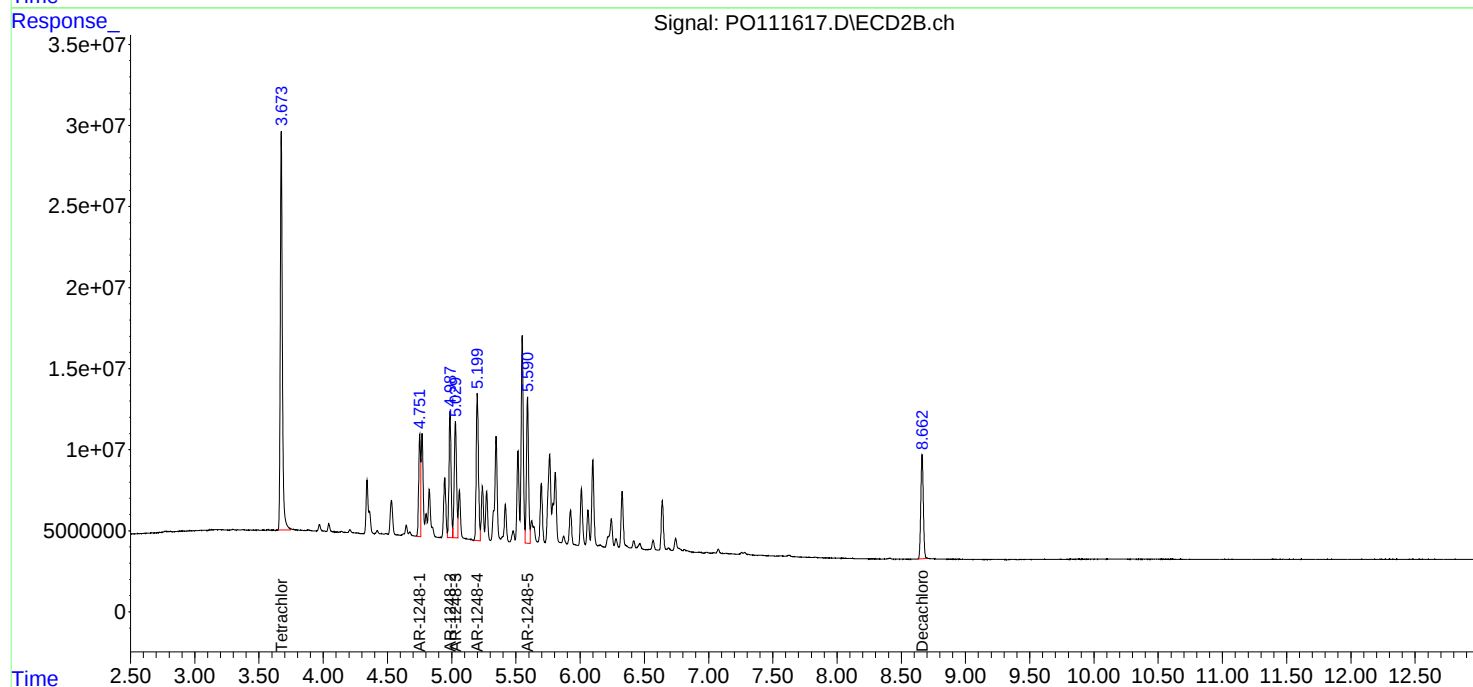
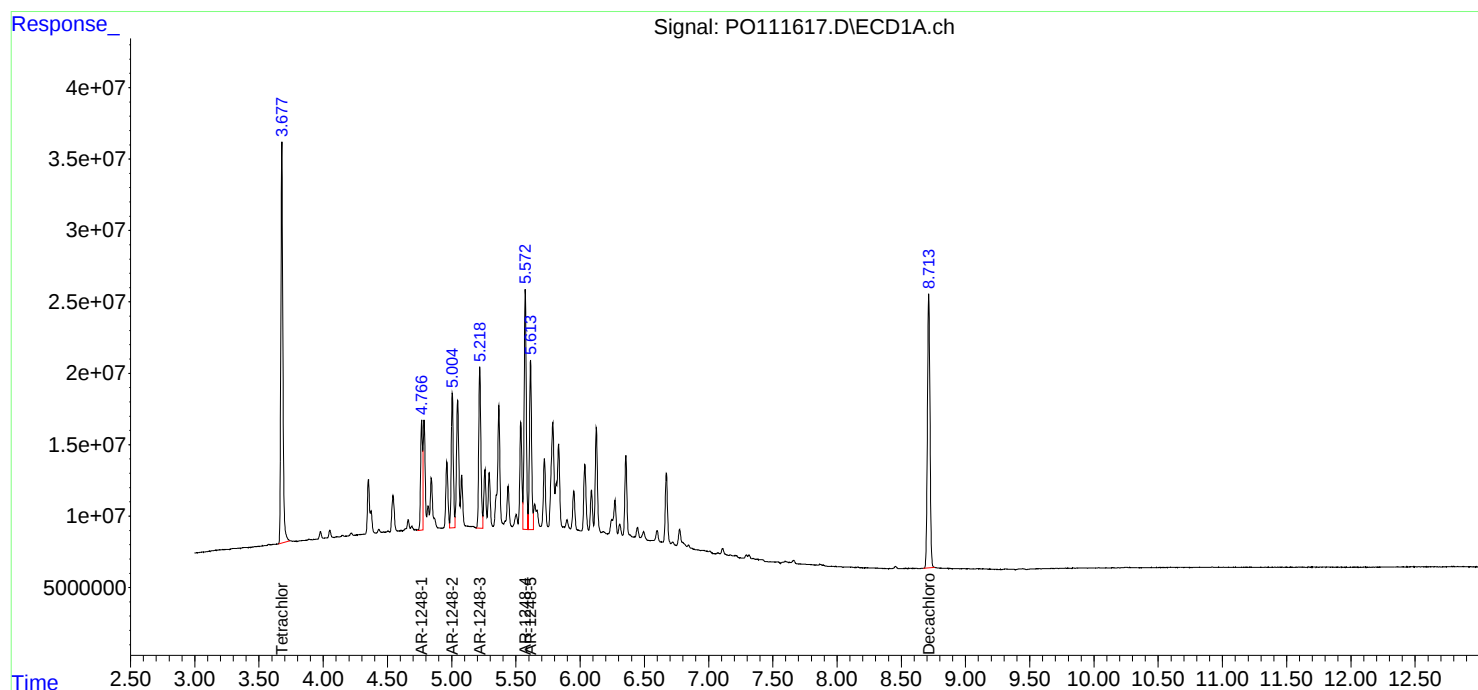
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:33:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.678	3.673	310.9E6	282.8E6	53.980	50.337
2) SA Decachlor...	8.713	8.661	267.7E6	88227844	50.997	49.631
Target Compounds						
26) L6 AR-1254-1	5.573	5.549	203.9E6	157.1E6	479.600	486.274
27) L6 AR-1254-2	5.722	5.697	181.7E6	135.5E6	478.697	485.096
28) L6 AR-1254-3	6.126	6.099	283.0E6	205.3E6	495.320	489.875
29) L6 AR-1254-4	6.356	6.326	191.2E6	117.9E6	548.098	517.695
30) L6 AR-1254-5	6.774	6.743	256.9E6	158.4E6	501.597	486.500

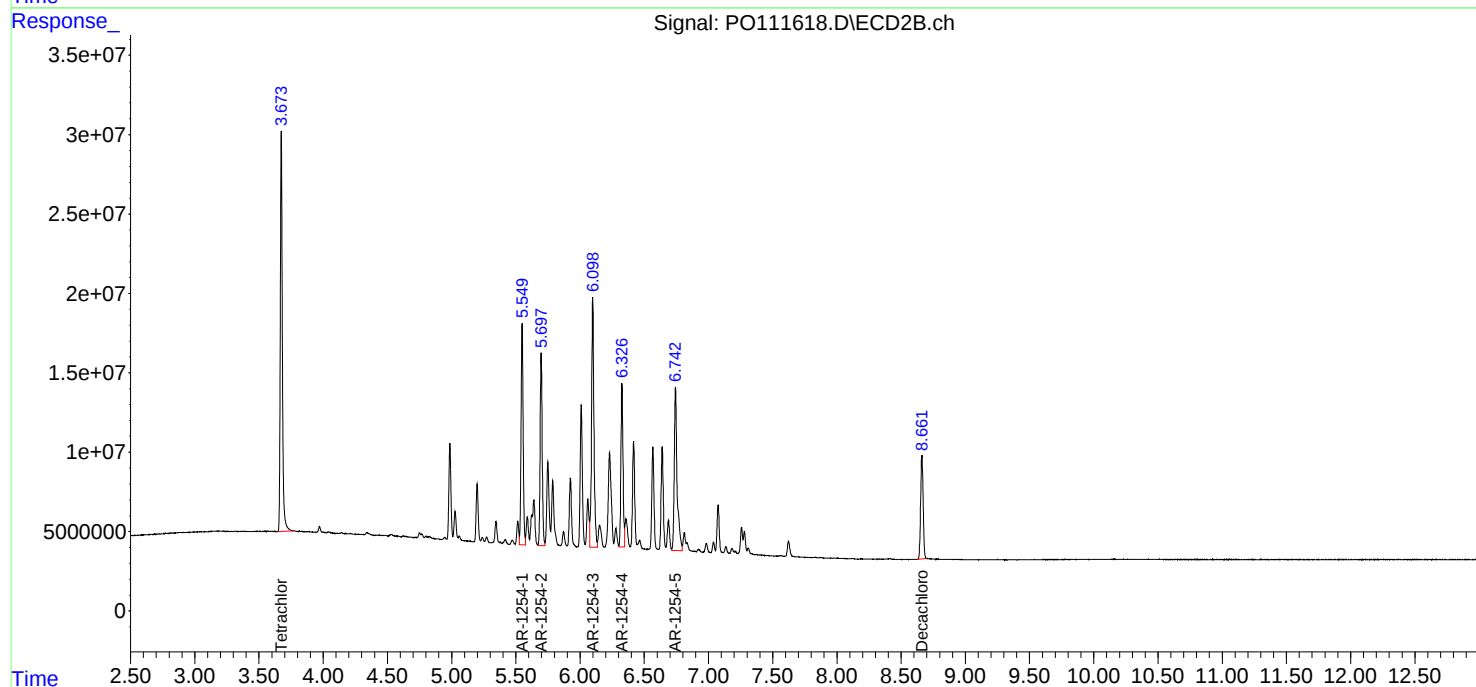
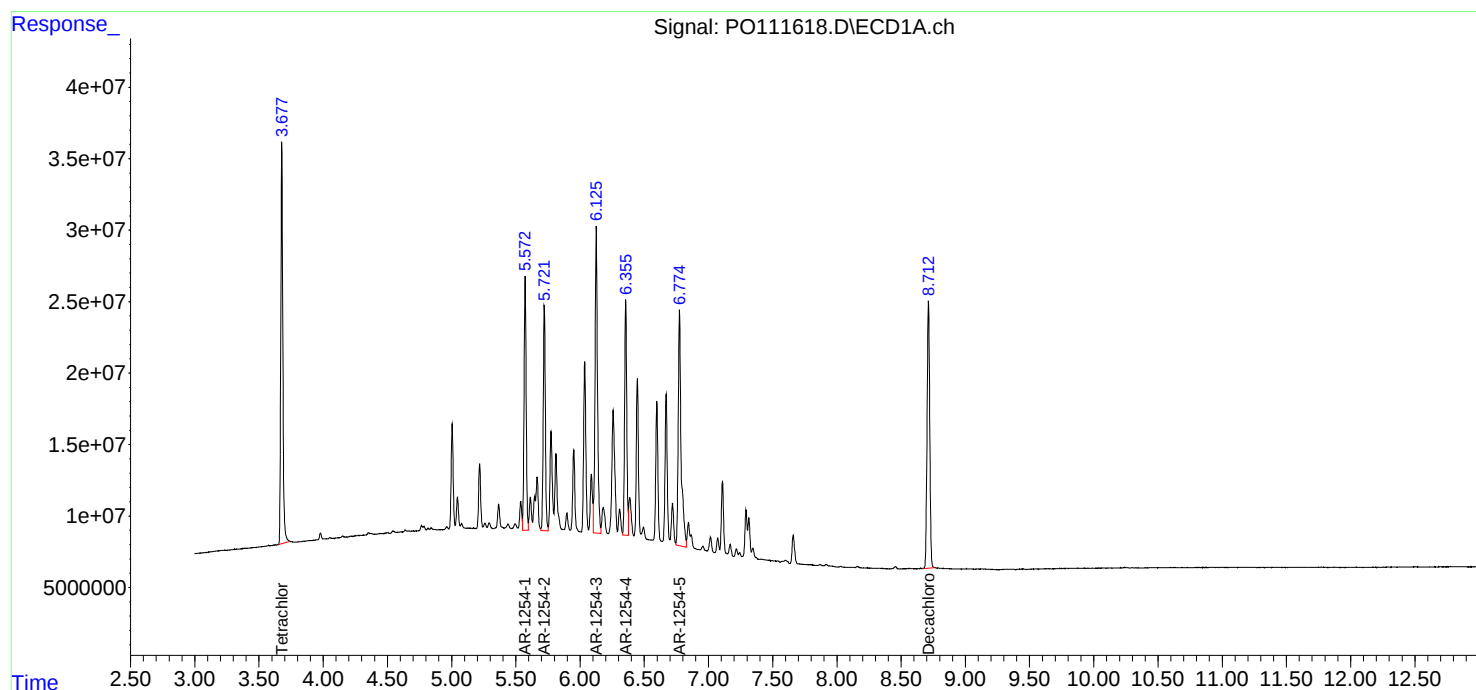
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO061125

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 06:12:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 05:57:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.673	316.2E6	285.9E6	50.018	50.315
2) SA Decachlor...	8.713	8.662	468.0E6	154.7E6	49.104	48.991
Target Compounds						
41) L9 AR-1268-1	7.600	7.562	546.0E6	230.3E6	484.674	481.484m
42) L9 AR-1268-2	7.665	7.627	476.8E6	200.9E6	487.948	482.422
43) L9 AR-1268-3	7.871	7.833	400.8E6	153.3E6	489.001	483.812
44) L9 AR-1268-4	8.160	8.119	170.3E6	57551424	495.146	497.603
45) L9 AR-1268-5	8.455	8.410	1091.8E6	351.5E6	491.711	485.093

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

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

Instrument :

ECD_O

ClientSampleId :

ICVPO061125

Manual Integrations

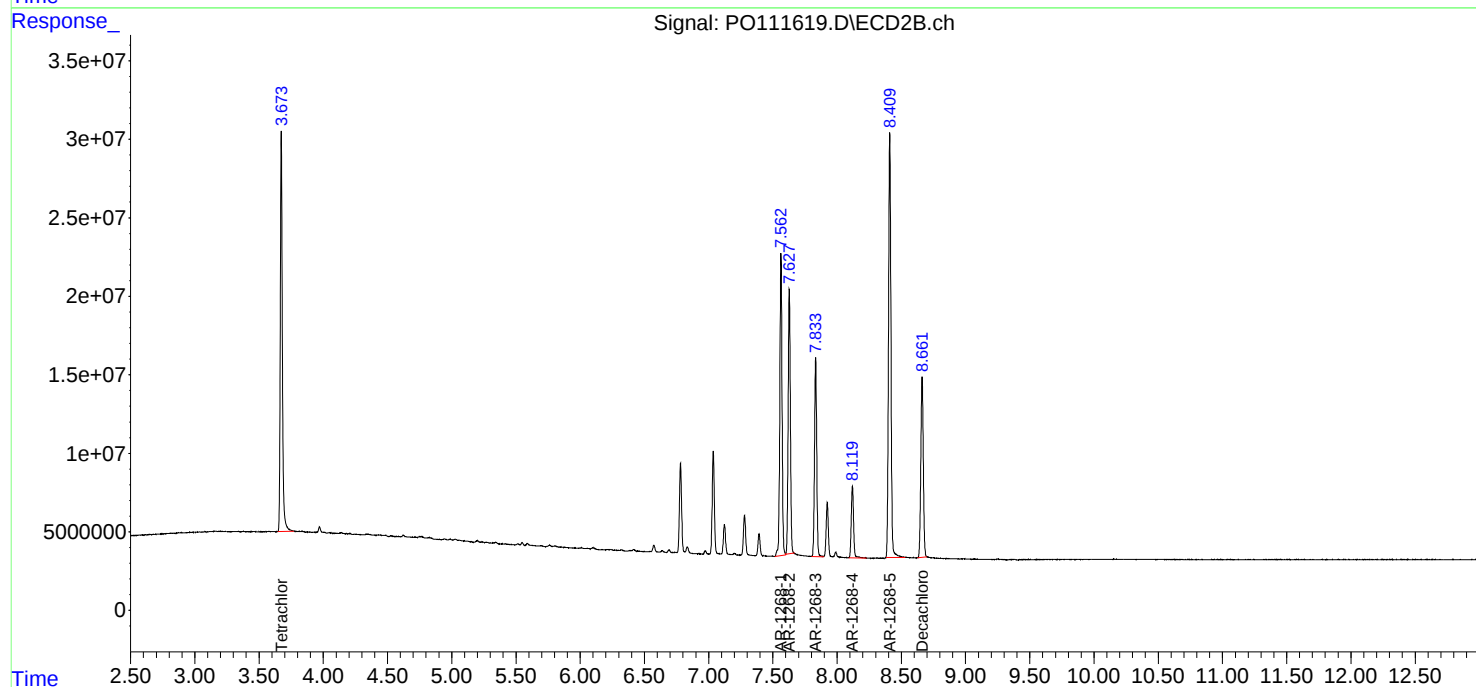
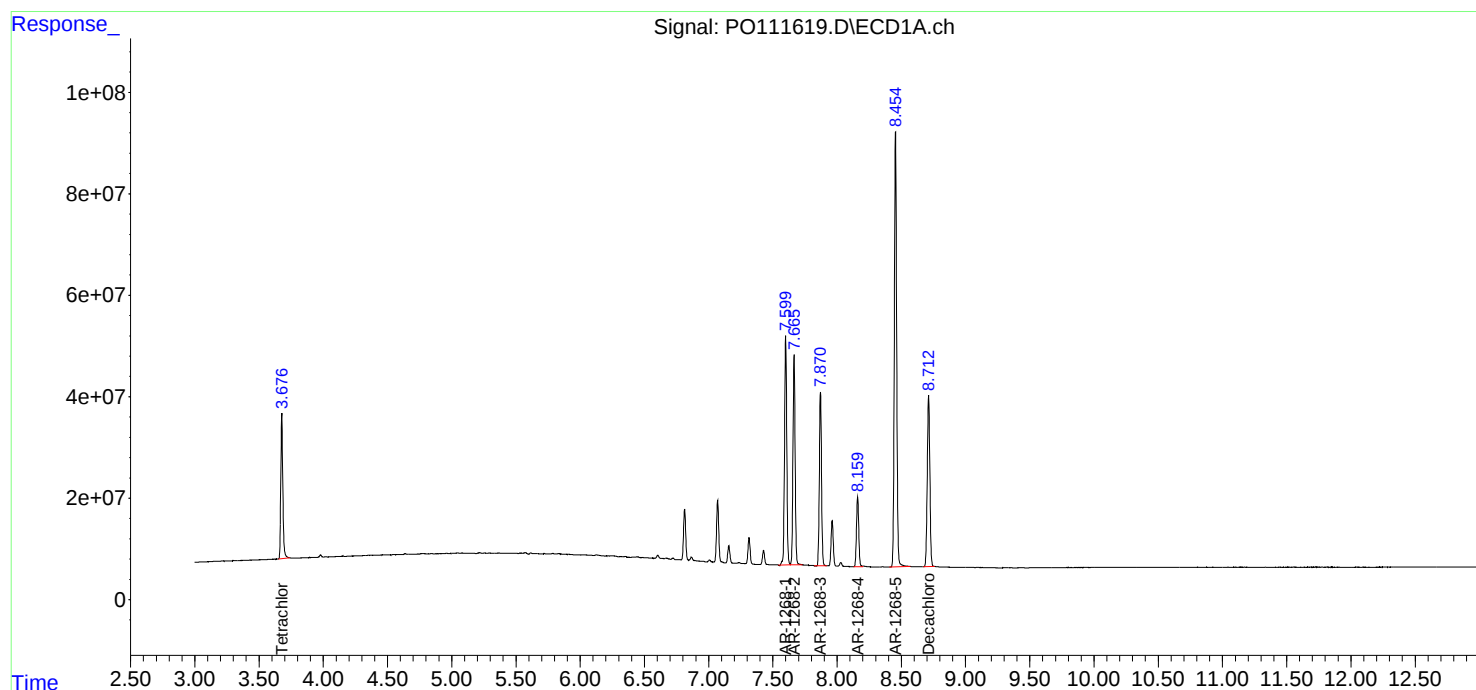
APPROVED

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:12:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Continuing Calib Date: 07/02/2025 Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 10:56 Initial Calibration Time(s): 10:40 19:07

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

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



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Continuing Calib Date: 07/02/2025 Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 10:56 Initial Calibration Time(s): 10:40 19:07

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

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



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/11/2025 06/11/2025

Client Sample No.: CCAL01 Date Analyzed: 07/02/2025

Lab Sample No.: AR1660CCC500 Data File : PO111967.D Time Analyzed: 10:56

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



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CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/11/2025 06/11/2025

Client Sample No.: CCAL01 Date Analyzed: 07/02/2025

Lab Sample No.: AR1660CCC500 Data File : PO111967.D Time Analyzed: 10:56

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

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

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 13:53:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.675	3.671	309.4E6	292.2E6	53.726	52.015
2) SA Decachlor...	8.708	8.656	248.4E6	88704526	47.326	49.900
Target Compounds						
3) L1 AR-1016-1	4.763	4.746	119.2E6	103.3E6	499.474	524.838
4) L1 AR-1016-2	4.781	4.765	174.4E6	153.6E6	523.978	539.074
5) L1 AR-1016-3	4.838	4.940	115.6E6	79278773	502.292	527.683
6) L1 AR-1016-4	4.958	4.983	93826313	64349386	505.904	528.375
7) L1 AR-1016-5	5.215	5.194	99315123	83053218	532.111	521.696
31) L7 AR-1260-1	6.253	6.225	186.3E6	134.5E6	524.454	536.184
32) L7 AR-1260-2	6.443	6.413	268.2E6	161.1E6	567.730	547.829
33) L7 AR-1260-3	6.809	6.564	251.4E6	140.2E6	592.080	524.838
34) L7 AR-1260-4	7.070	7.034	183.4E6	97030886	583.195	510.430
35) L7 AR-1260-5	7.312	7.276	466.9E6	219.8E6	566.847	517.152

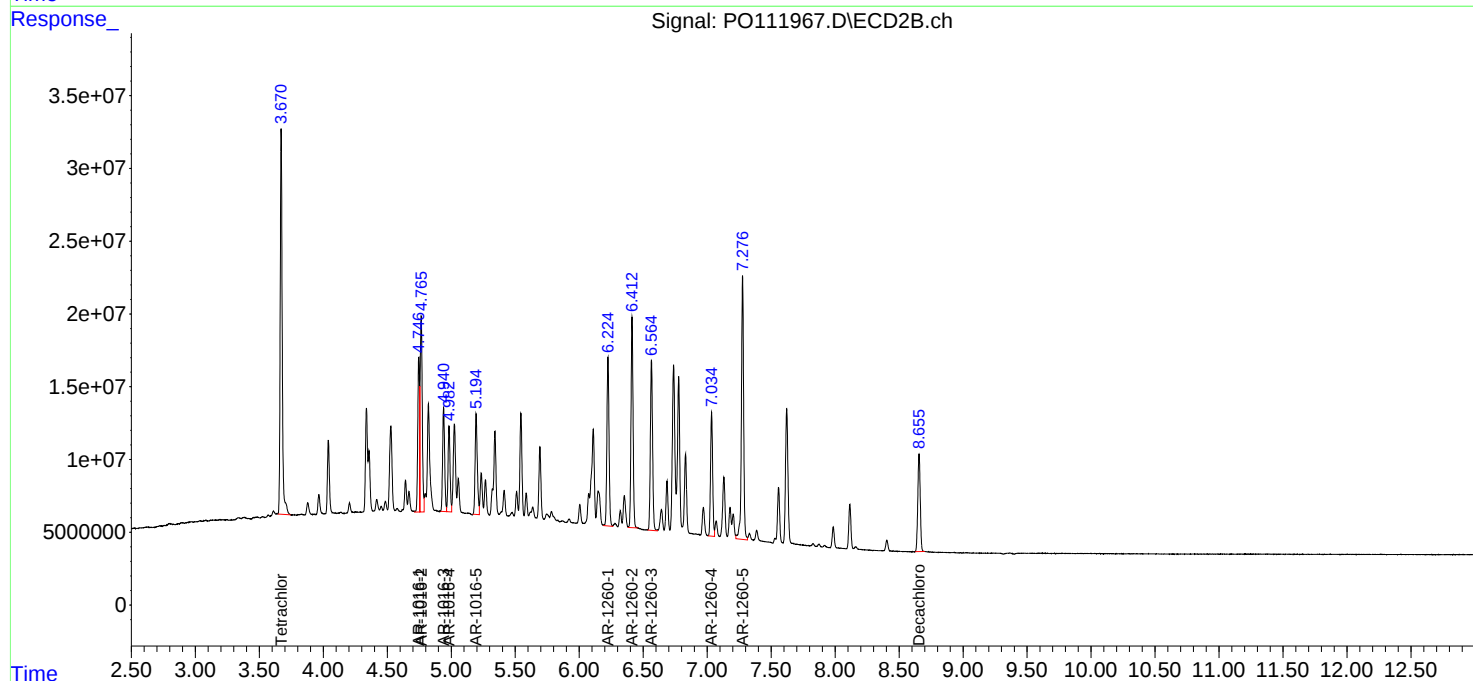
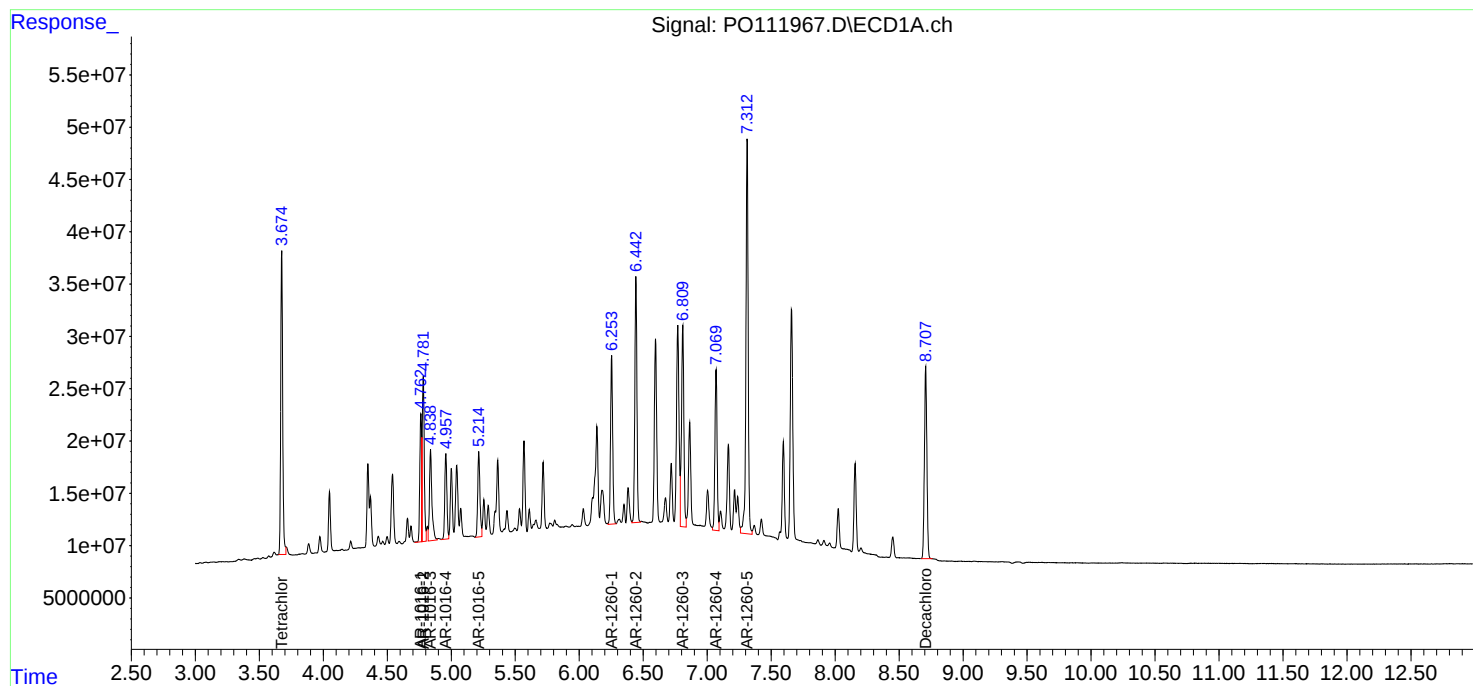
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Continuing Calib Date: 07/02/2025 Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 16:19 Initial Calibration Time(s): 10:40 19:07

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

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



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Continuing Calib Date: 07/02/2025 Initial Calibration Date(s): 06/11/2025 06/11/2025

Continuing Calib Time: 16:19 Initial Calibration Time(s): 10:40 19:07

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

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



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/11/2025 06/11/2025

Client Sample No.: CCAL02 Date Analyzed: 07/02/2025

Lab Sample No.: AR1660CCC500 Data File : PO111981.D Time Analyzed: 16:19

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



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

CALIBRATION VERIFICATION SUMMARY

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/11/2025 06/11/2025

Client Sample No.: CCAL02 Date Analyzed: 07/02/2025

Lab Sample No.: AR1660CCC500 Data File : PO111981.D Time Analyzed: 16:19

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

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

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:39:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.676	3.671	307.9E6	293.6E6	53.465	52.276
2)	SA Decachlor...	8.707	8.656	235.2E6	91241869	44.815	51.327
Target Compounds							
3)	L1 AR-1016-1	4.763	4.746	117.9E6	104.6E6	494.266	531.677
4)	L1 AR-1016-2	4.782	4.765	165.9E6	154.0E6	498.674	540.657
5)	L1 AR-1016-3	4.838	4.940	113.5E6	80093019	493.107	533.103
6)	L1 AR-1016-4	4.958	4.983	92568315	64793593	499.121	532.023
7)	L1 AR-1016-5	5.215	5.195	95030215	83283504	509.154	523.143
31)	L7 AR-1260-1	6.253	6.224	176.7E6	133.2E6	497.325	531.033
32)	L7 AR-1260-2	6.442	6.412	250.8E6	162.6E6	530.775	552.987
33)	L7 AR-1260-3	6.809	6.564	231.0E6	140.0E6	543.994	523.944
34)	L7 AR-1260-4	7.069	7.035	166.5E6	97903802	529.569	515.022
35)	L7 AR-1260-5	7.312	7.276	423.5E6	223.0E6	514.083	524.745

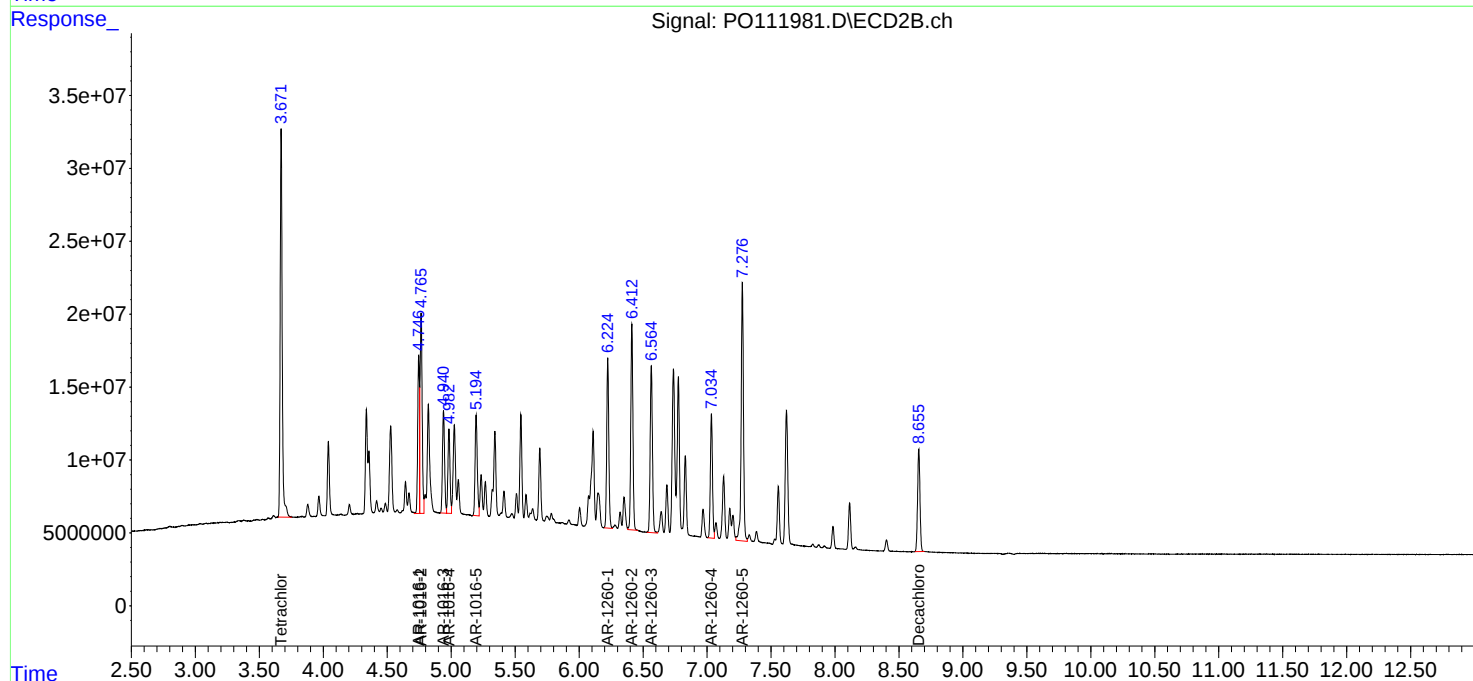
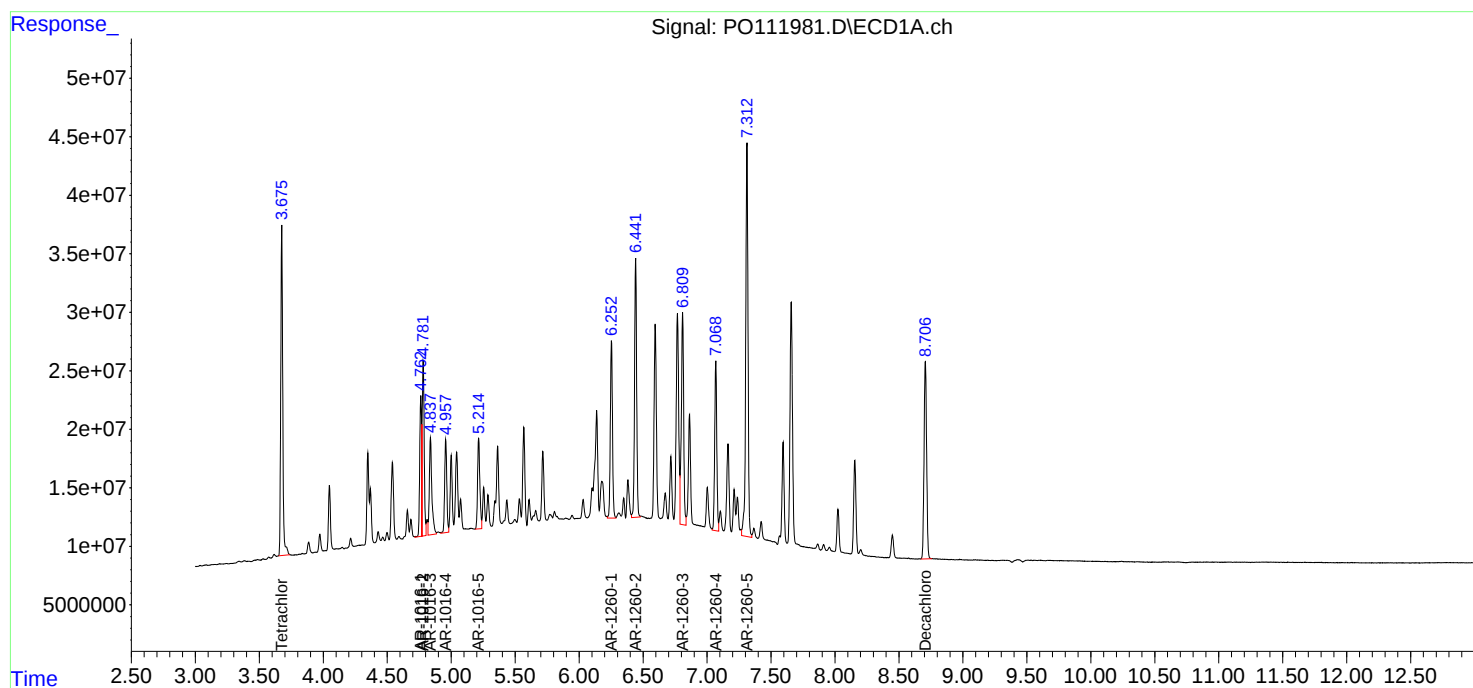
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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

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



Analytical Sequence

Client: ATC Group Services LLC

SDG No.: Q2467

Project: PS 452 - 2025SCA022

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/11/2025	10:21	PO111586.D	8.71	3.68
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.71	3.68
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.71	3.68
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.71	3.68
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.71	3.68
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.71	3.68
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.71	3.68
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.71	3.68
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.71	3.68
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.71	3.68
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.71	3.68
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.71	3.68
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.71	3.68
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.71	3.68
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.71	3.68
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.71	3.68
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.71	3.68
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.71	3.68
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.71	3.68
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.71	3.68
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.71	3.68
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.71	3.68
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.71	3.68
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.71	3.68
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.71	3.68
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.71	3.68
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.71	3.68
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.71	3.68
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.71	3.68
AR1660CCC500	AR1660CCC500	07/02/2025	10:56	PO111967.D	8.71	3.68
IBLK	IBLK	07/02/2025	12:08	PO111971.D	8.71	3.67
PB168691BL	PB168691BL	07/02/2025	13:02	PO111974.D	8.71	3.68
PB168691BS	PB168691BS	07/02/2025	13:19	PO111975.D	8.71	3.68
1A-1B-1C-Fire Stopher Caulk-Red	Q2467-01	07/02/2025	13:54	PO111977.D	8.71	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	16:19	PO111981.D	8.71	3.68
IBLK	IBLK	07/02/2025	17:28	PO111985.D	8.71	3.67

Analytical Sequence

Client: ATC Group Services LLC

SDG No.: Q2467

Project: PS 452 - 2025SCA022

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
1.BLK	1.BLK	06/11/2025	10:21	PO111586.D	8.66	3.67
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.66	3.67
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.66	3.67
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.66	3.67
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.66	3.67
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.66	3.67
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.66	3.67
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.66	3.67
AR1242ICC1000	AR1242ICC1000	06/11/2025	12:48	PO111594.D	8.66	3.67
AR1242ICC750	AR1242ICC750	06/11/2025	13:07	PO111595.D	8.66	3.67
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.66	3.67
AR1242ICC250	AR1242ICC250	06/11/2025	13:44	PO111597.D	8.66	3.67
AR1242ICC050	AR1242ICC050	06/11/2025	14:02	PO111598.D	8.66	3.67
AR1248ICC1000	AR1248ICC1000	06/11/2025	14:20	PO111599.D	8.66	3.67
AR1248ICC750	AR1248ICC750	06/11/2025	14:39	PO111600.D	8.66	3.67
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.66	3.67
AR1248ICC250	AR1248ICC250	06/11/2025	15:32	PO111602.D	8.66	3.67
AR1248ICC050	AR1248ICC050	06/11/2025	15:49	PO111603.D	8.66	3.67
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.66	3.67
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.66	3.67
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.66	3.67
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.66	3.67
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.66	3.67
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.66	3.67
AR1268ICC1000	AR1268ICC1000	06/11/2025	17:55	PO111610.D	8.66	3.67
AR1268ICC750	AR1268ICC750	06/11/2025	18:13	PO111611.D	8.66	3.67
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.66	3.67
AR1268ICC250	AR1268ICC250	06/11/2025	18:50	PO111613.D	8.66	3.67
AR1268ICC050	AR1268ICC050	06/11/2025	19:07	PO111614.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	10:56	PO111967.D	8.66	3.67
1.BLK	1.BLK	07/02/2025	12:08	PO111971.D	8.66	3.67
PB168691BL	PB168691BL	07/02/2025	13:02	PO111974.D	8.66	3.67
PB168691BS	PB168691BS	07/02/2025	13:19	PO111975.D	8.66	3.67
1A-1B-1C-Fire Stopher Caulk-Red	Q2467-01	07/02/2025	13:54	PO111977.D	8.66	3.67
AR1660CCC500	AR1660CCC500	07/02/2025	16:19	PO111981.D	8.66	3.67
1.BLK	1.BLK	07/02/2025	17:28	PO111985.D	8.66	3.67

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168691BS

Contract: ATCE02

Lab Code: CHEM Case No.: Q2467 SAS No.: Q2467 SDG NO.: Q2467

Lab Sample ID: PB168691BS Date(s) Analyzed: 07/02/2025 07/02/2025

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

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

Data file PO111975.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.762	4.712	4.812	156	158	4.94
COLUMN 1	2	4.781	4.731	4.831	161		
	3	4.838	4.788	4.888	157		
	4	4.957	4.907	5.007	158		
	5	5.215	5.165	5.265	156		
	1	4.748	4.698	4.798	169		
COLUMN 2	2	4.766	4.716	4.816	169	166	
	3	4.941	4.891	4.991	167		
	4	4.984	4.934	5.034	163		
	5	5.196	5.146	5.246	159		
Aroclor-1260	1	6.252	6.202	6.302	168	167	0.6
COLUMN 1	2	6.442	6.392	6.492	179		
	3	6.809	6.759	6.859	161		
	4	7.069	7.019	7.119	168		
	5	7.311	7.261	7.361	159		
	1	6.226	6.176	6.276	177		
COLUMN 2	2	6.414	6.364	6.464	183	168	
	3	6.565	6.515	6.615	176		
	4	7.036	6.986	7.086	153		
	5	7.278	7.228	7.328	152		



QC SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	PS 452 - 2025SCA022	Date Received:	
Client Sample ID:	PB168691BL	SDG No.:	Q2467
Lab Sample ID:	PB168691BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111974.D	1	07/02/25 08:15	07/02/25 13:02	PB168691

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
Total PCBs	Total PCBs	5.90	U	5.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	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\P0070225\
Data File : PO111974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:02
Operator : YP/AJ
Sample : PB168691BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168691BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:58:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.675	3.671	120.1E6	109.4E6	20.849	19.474
2) SA Decachlor...	8.705	8.655	97396408	36040311	18.554	20.274

Target Compounds

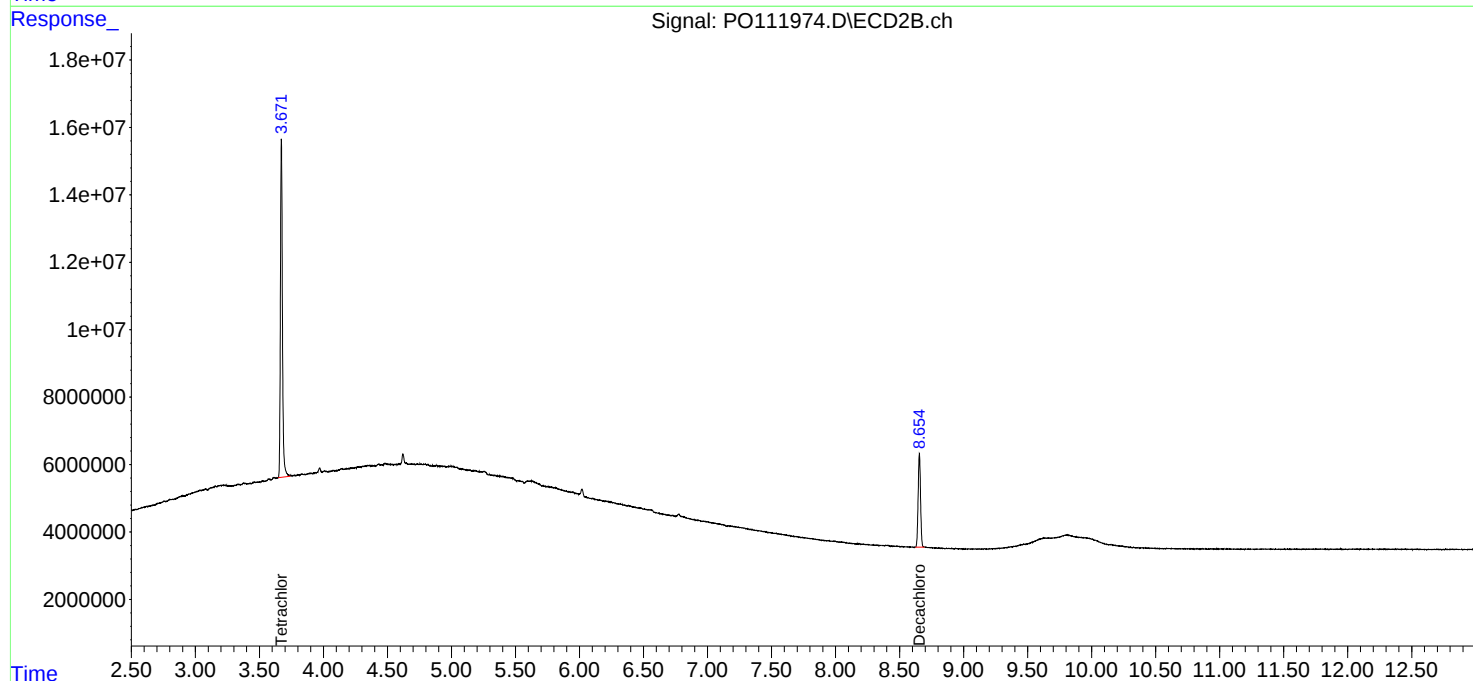
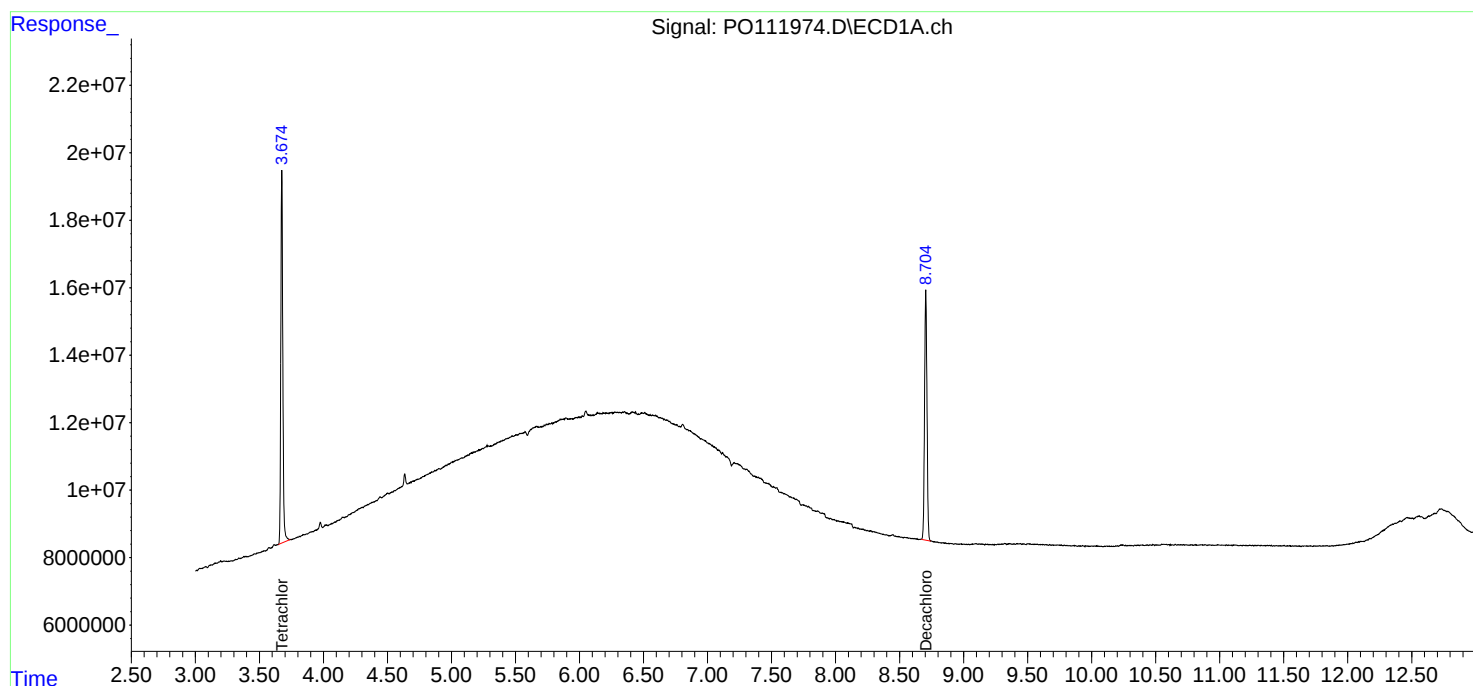
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

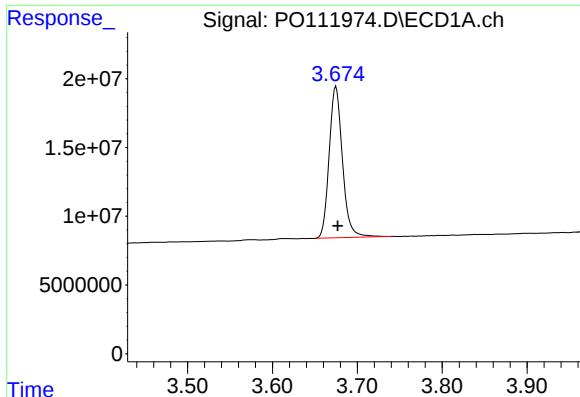
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:02
Operator : YP/AJ
Sample : PB168691BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168691BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:58:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

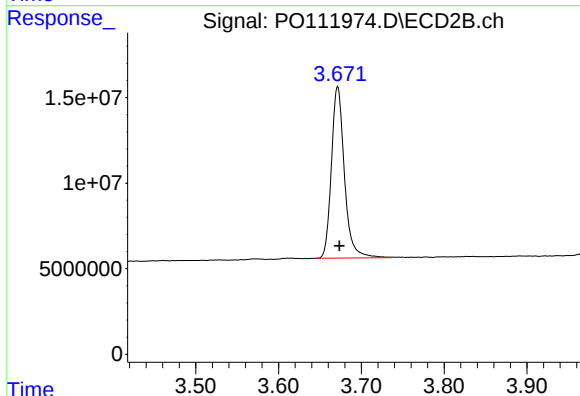




#1 Tetrachloro-m-xylene

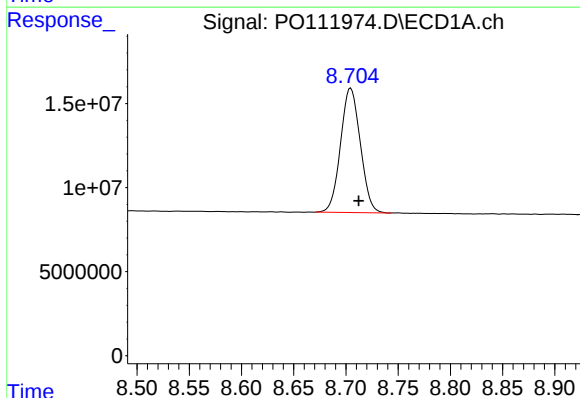
R.T.: 3.675 min
Delta R.T.: -0.002 min
Response: 120077148
Conc: 20.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168691BL



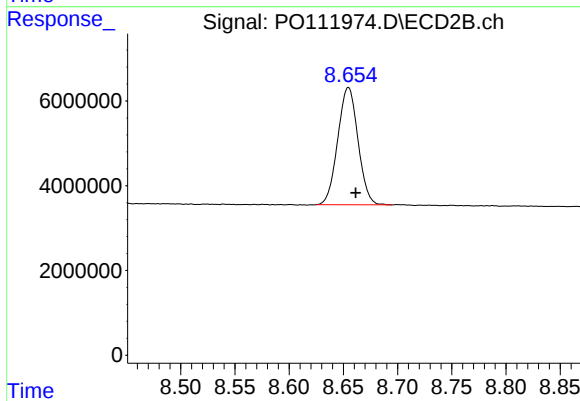
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 109390169
Conc: 19.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.008 min
Response: 97396408
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.007 min
Response: 36040311
Conc: 20.27 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	06/11/25
Project:	PS 452 - 2025SCA022	Date Received:	06/11/25
Client Sample ID:	PIBLK-PO111586.D	SDG No.:	Q2467
Lab Sample ID:	I.BLK-PO111586.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:10:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 11 12:09:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.677	3.673	117.0E6	106.8E6	20.308	19.004
2) SA Decachlor...	8.713	8.662	108.8E6	36486352	20.730	20.525

Target Compounds

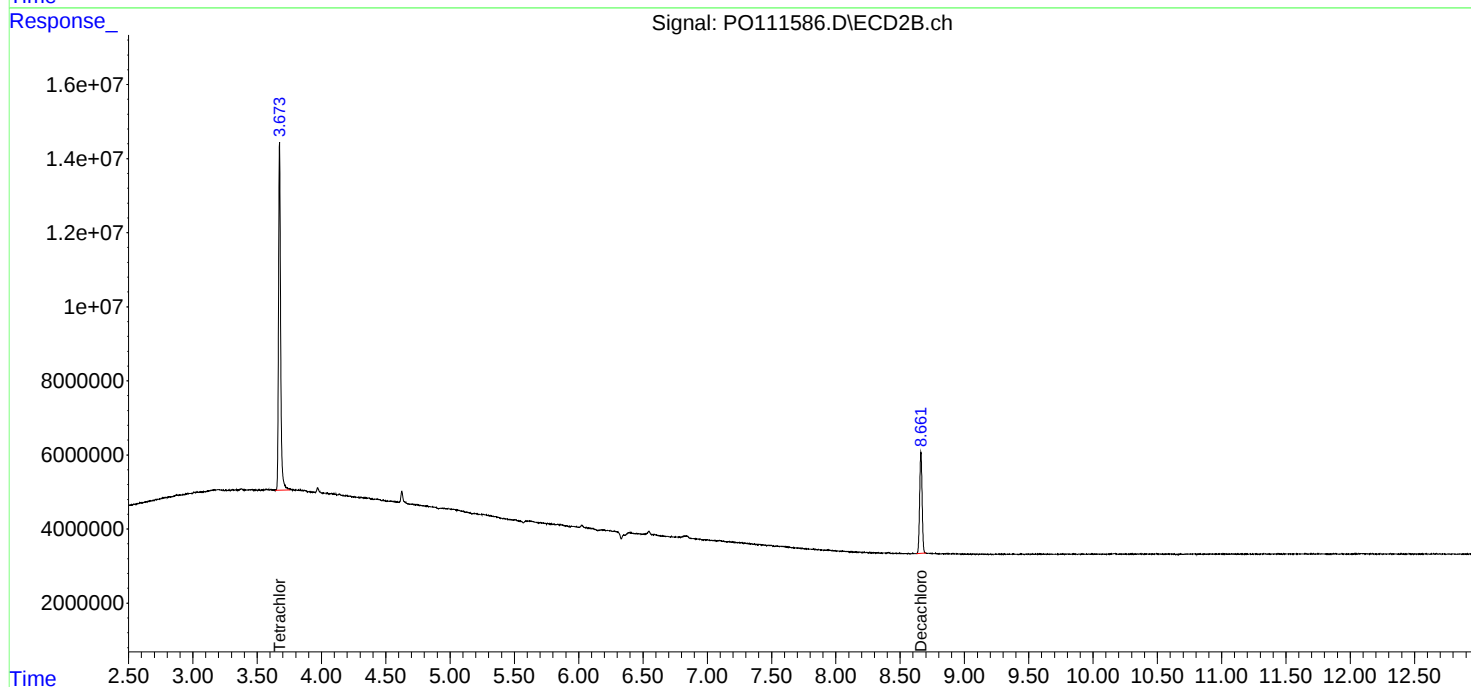
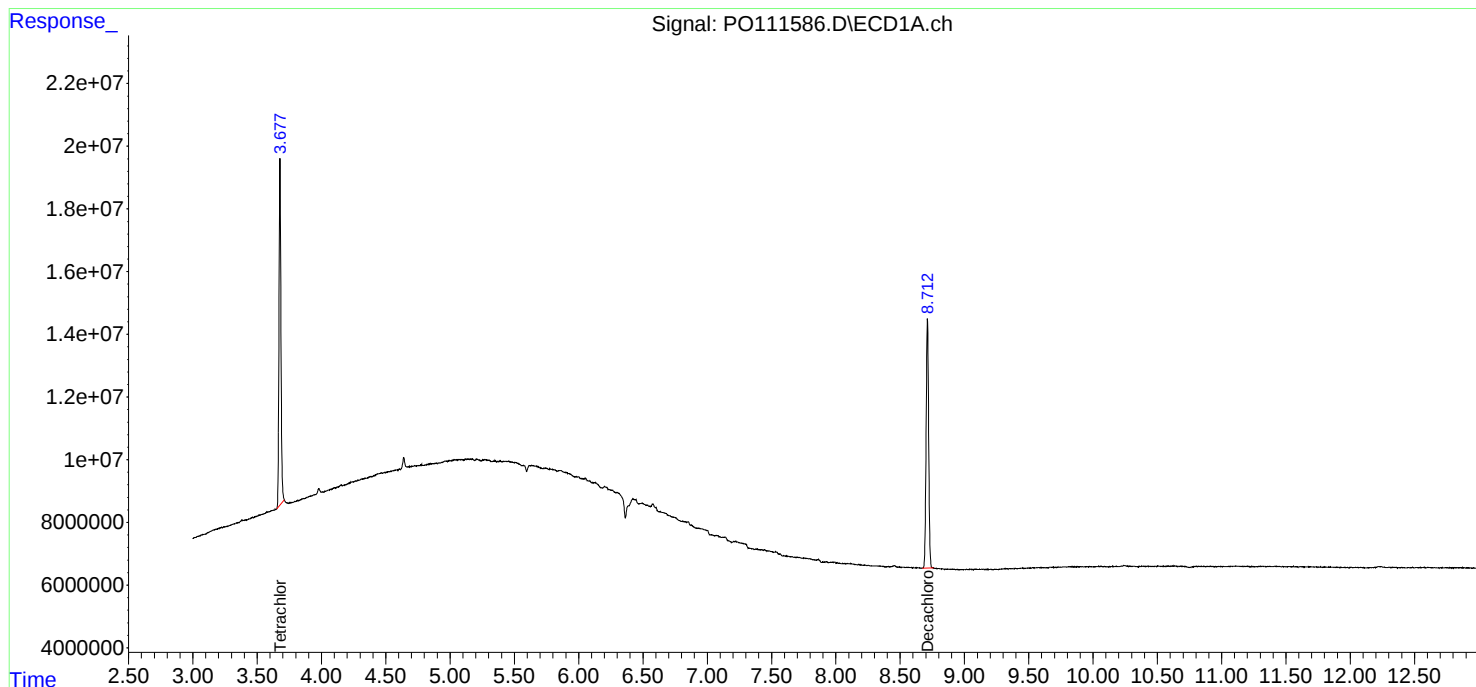
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

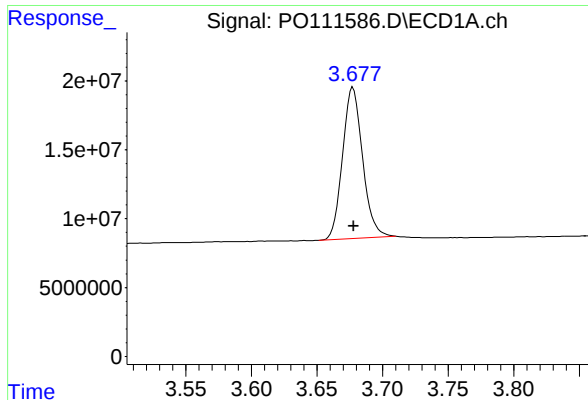
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:10:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:09:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

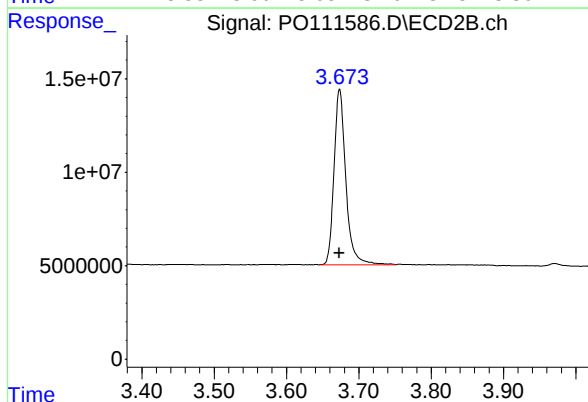




#1 Tetrachloro-m-xylene

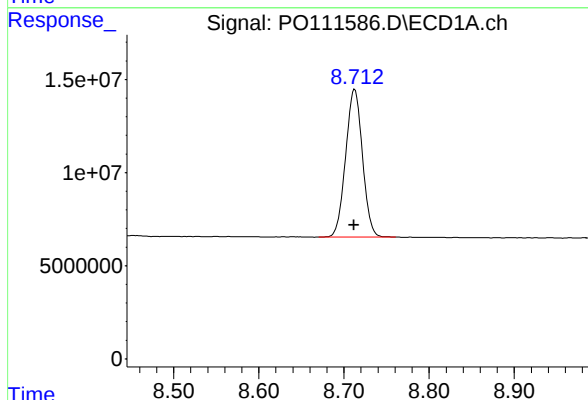
R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 116962361
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



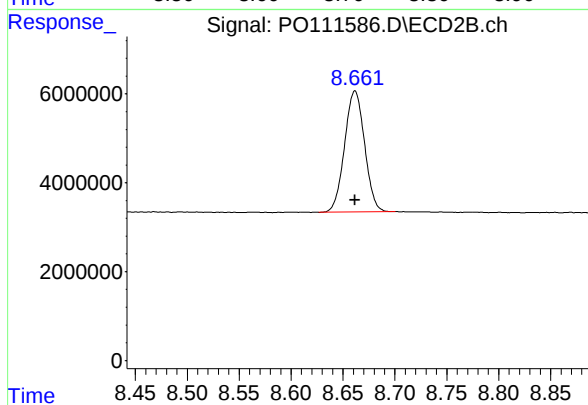
#1 Tetrachloro-m-xylene

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



#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	PS 452 - 2025SCA022	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111971.D	SDG No.:	Q2467
Lab Sample ID:	I.BLK-PO111971.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 13:56:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.674	3.671	116.1E6	105.4E6	20.153	18.766
2) SA Decachlor...	8.706	8.656	95663280	34441434	18.224	19.375

Target Compounds

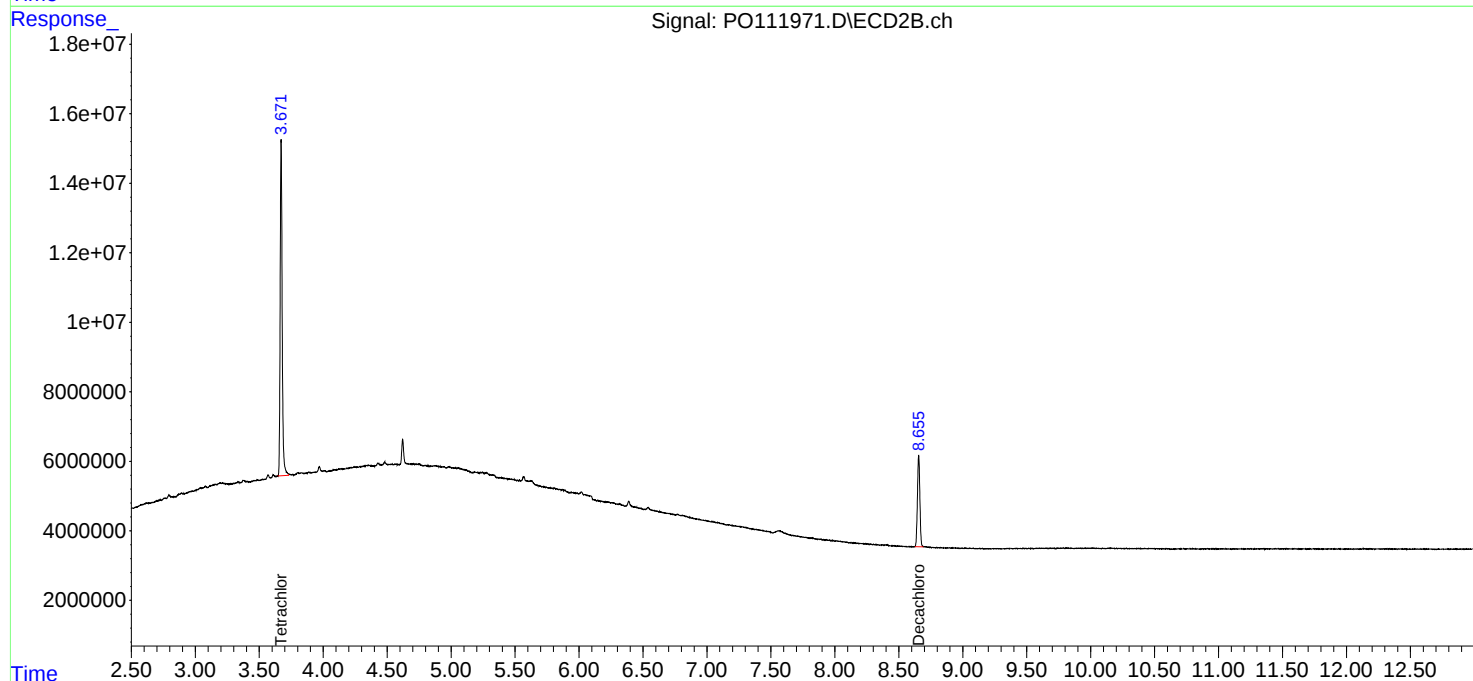
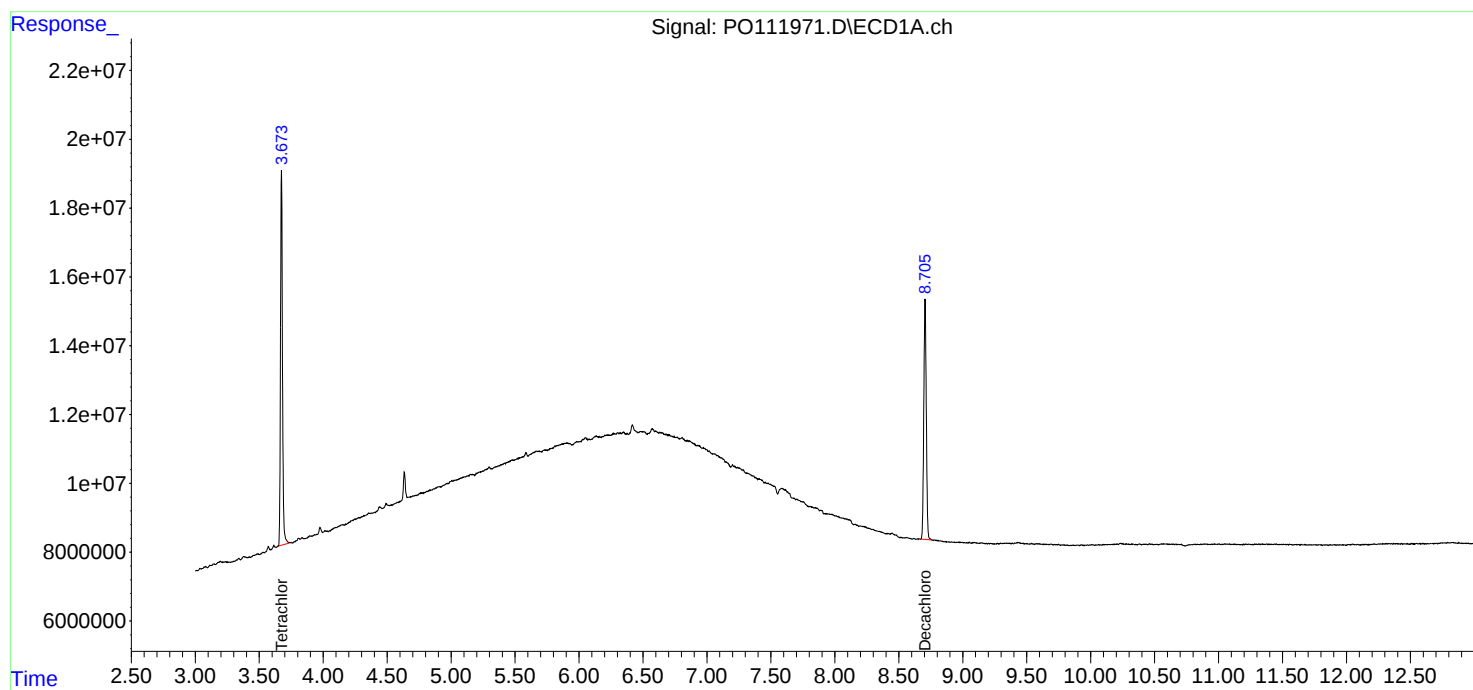
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

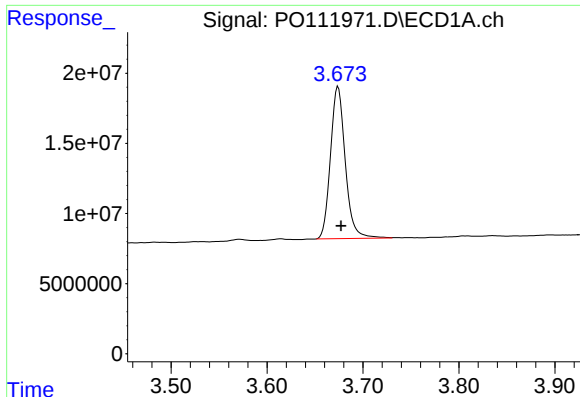
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 12:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:56:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

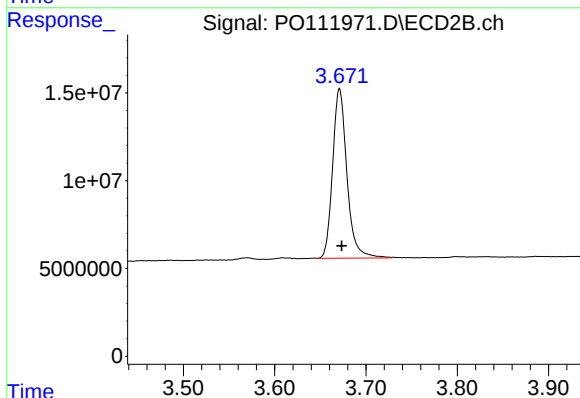




#1 Tetrachloro-m-xylene

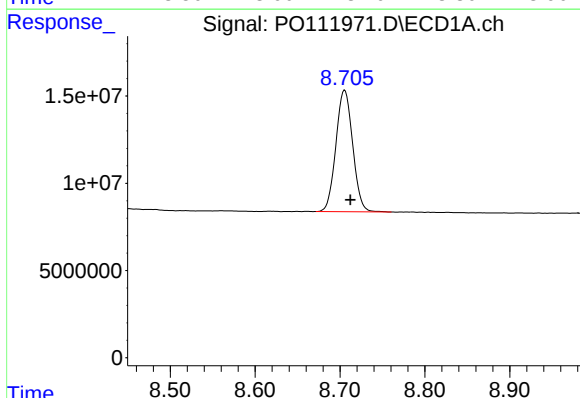
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 116072073
Conc: 20.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



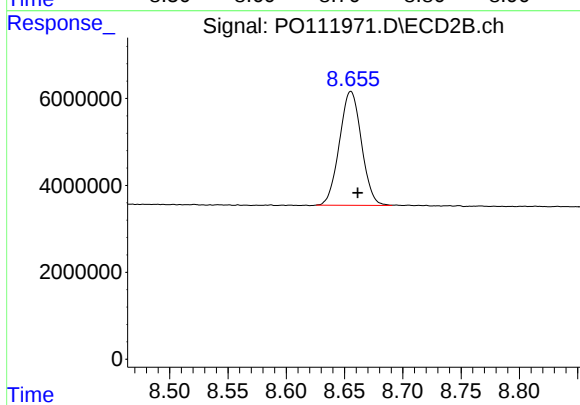
#1 Tetrachloro-m-xylene

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



#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	PS 452 - 2025SCA022	Date Received:	07/02/25
Client Sample ID:	PIBLK-PO111985.D	SDG No.:	Q2467
Lab Sample ID:	I.BLK-PO111985.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.674	3.671	117.2E6	107.9E6	20.341	19.208
2) SA Decachlor...	8.705	8.655	92979220	35979045	17.713	20.240

Target Compounds

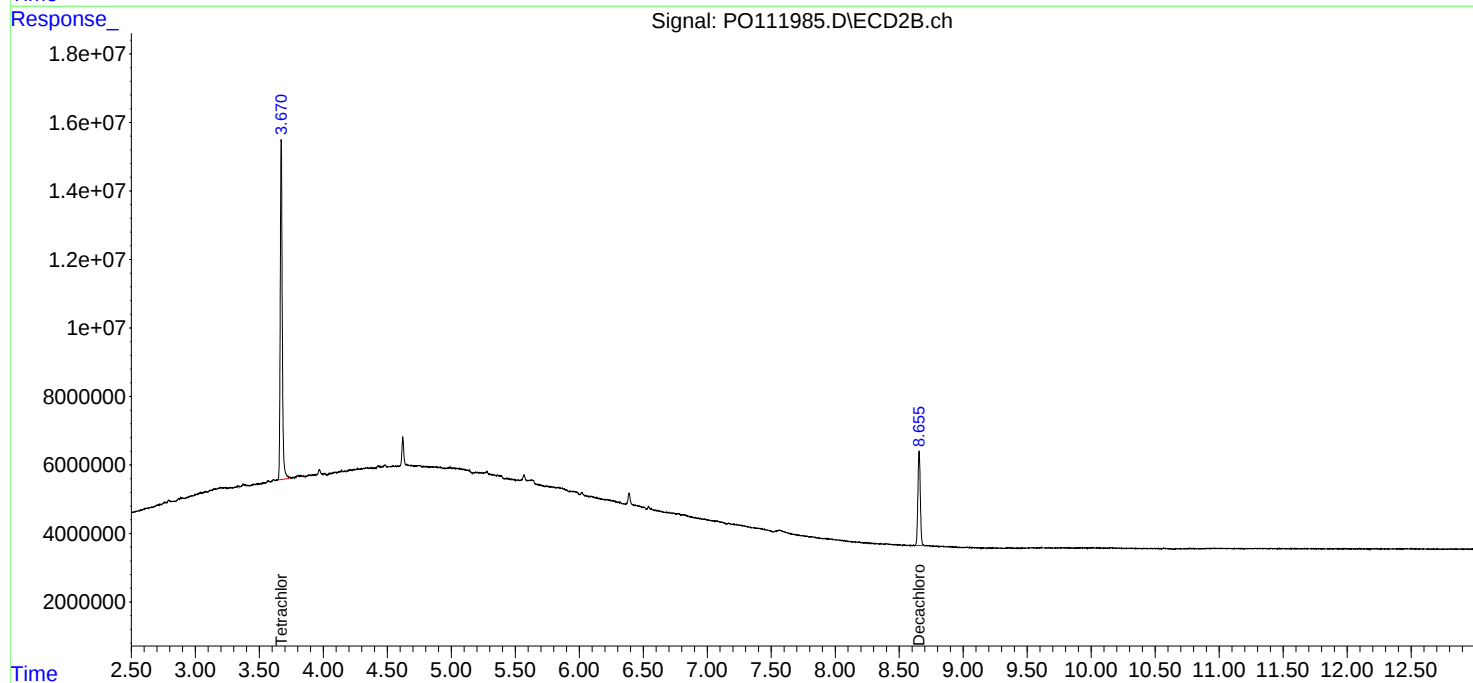
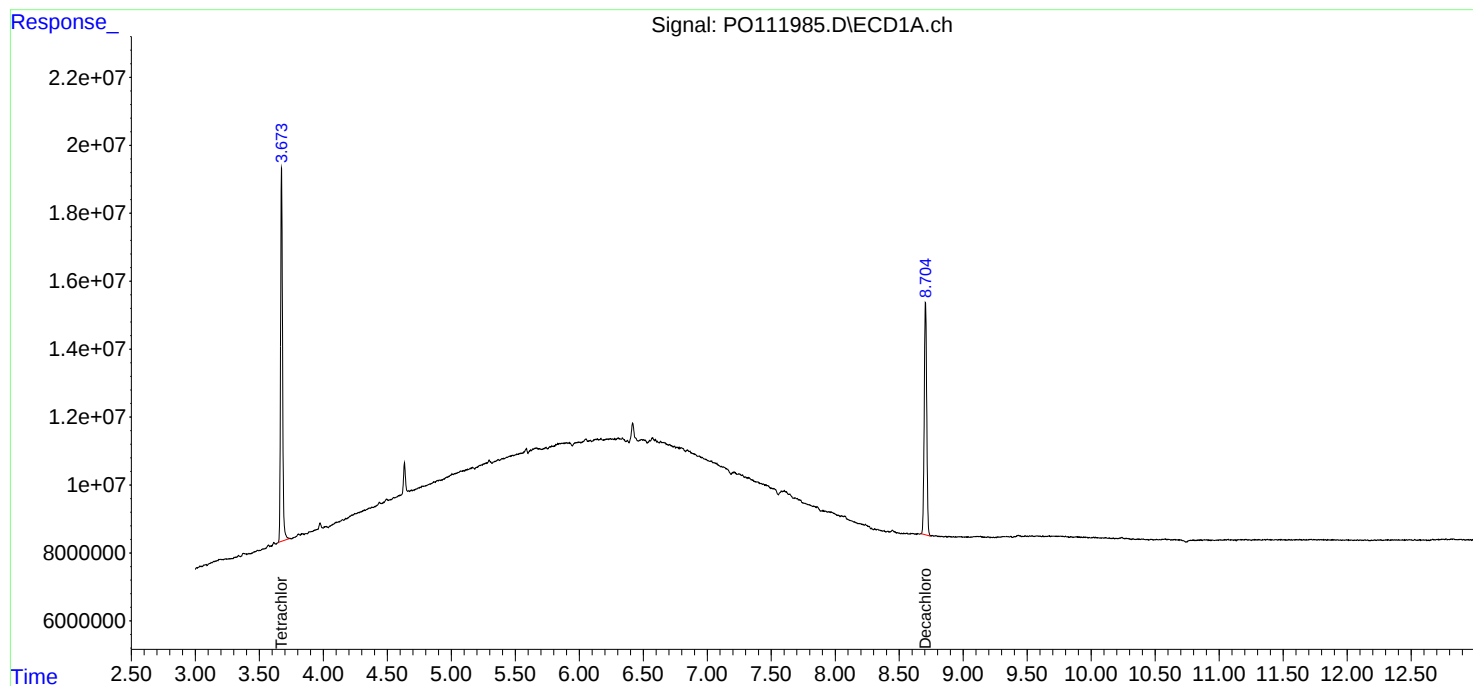
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

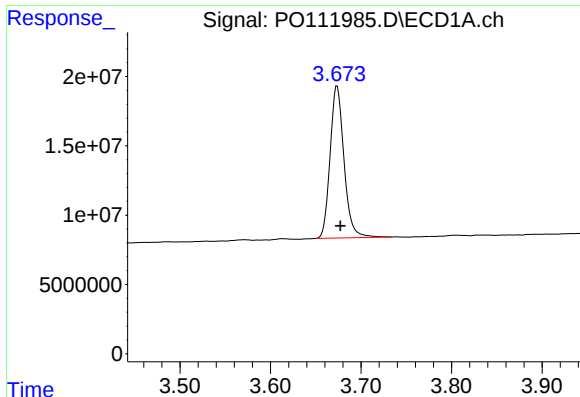
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 17:28
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

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

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

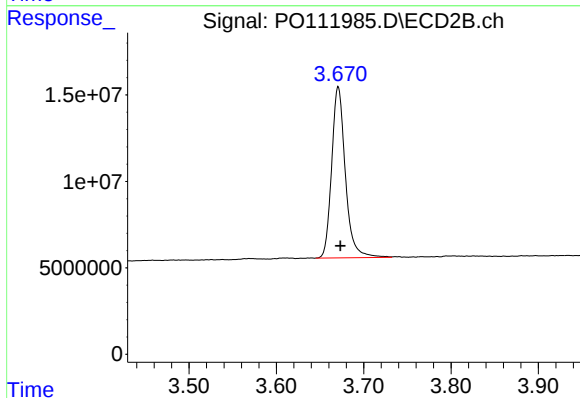




#1 Tetrachloro-m-xylene

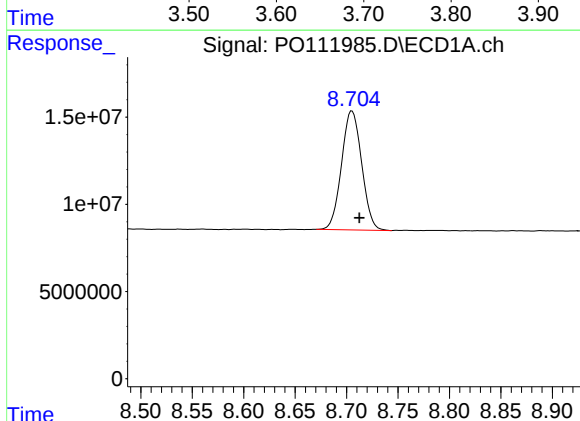
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 117153735
Conc: 20.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



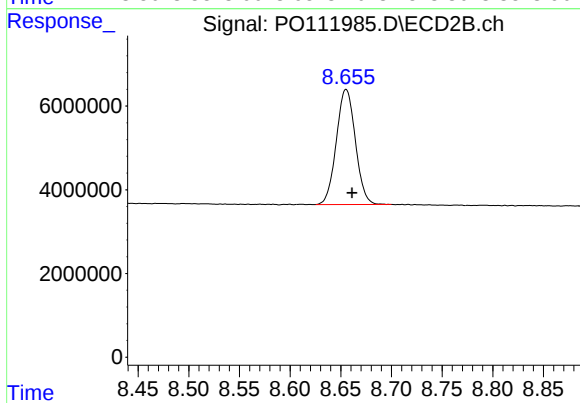
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 107896477
Conc: 19.21 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 92979220
Conc: 17.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 35979045
Conc: 20.24 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	PS 452 - 2025SCA022	Date Received:	
Client Sample ID:	PB168691BS	SDG No.:	Q2467
Lab Sample ID:	PB168691BS	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 Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111975.D	1	07/02/25 08:15	07/02/25 13:19	PB168691

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	166		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	168		3.20	17.0	ug/kg
Total PCBs	Total PCBs	334		7.10	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		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_O\Data\P0070225\
 Data File : PO111975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 13:19
 Operator : YP/AJ
 Sample : PB168691BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB168691BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 13:59:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.675	3.672	114.8E6	104.3E6	19.928	18.575
2) SA Decachlor...	8.707	8.657	101.0E6	36943049	19.245	20.782
Target Compounds						
3) L1 AR-1016-1	4.762	4.748	111.5E6	99779060	467.515	507.092
4) L1 AR-1016-2	4.781	4.766	161.0E6	144.8E6	483.775	508.296
5) L1 AR-1016-3	4.838	4.941	108.3E6	75273787	470.538	501.026
6) L1 AR-1016-4	4.957	4.984	88031372	59615924	474.658	489.509
7) L1 AR-1016-5	5.215	5.196	87181722	76114153	467.103	478.109
31) L7 AR-1260-1	6.252	6.226	179.3E6	133.3E6	504.645	531.159
32) L7 AR-1260-2	6.442	6.414	253.8E6	161.7E6	537.247	549.850
33) L7 AR-1260-3	6.809	6.565	205.6E6	140.8E6	484.174	526.805
34) L7 AR-1260-4	7.069	7.036	158.8E6	87407229	504.879	459.805
35) L7 AR-1260-5	7.311	7.278	392.0E6	193.4E6	475.932	454.985

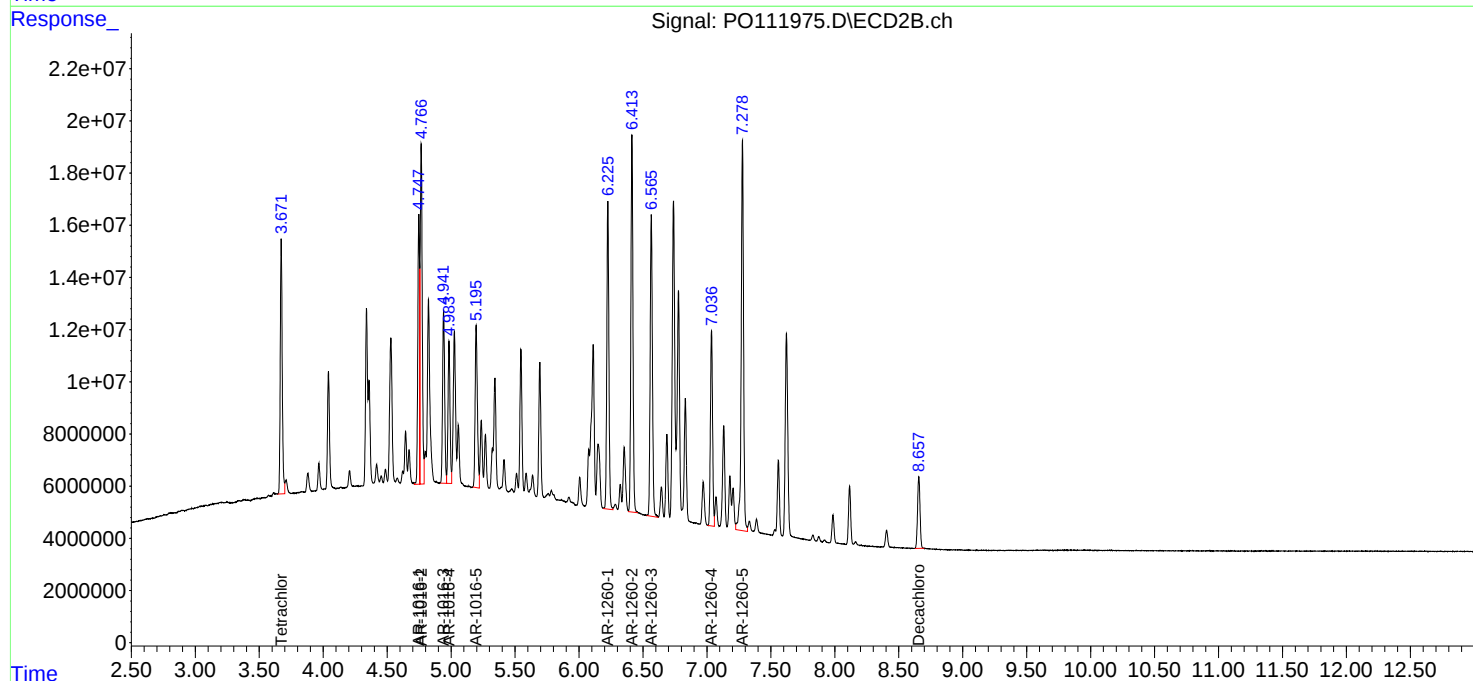
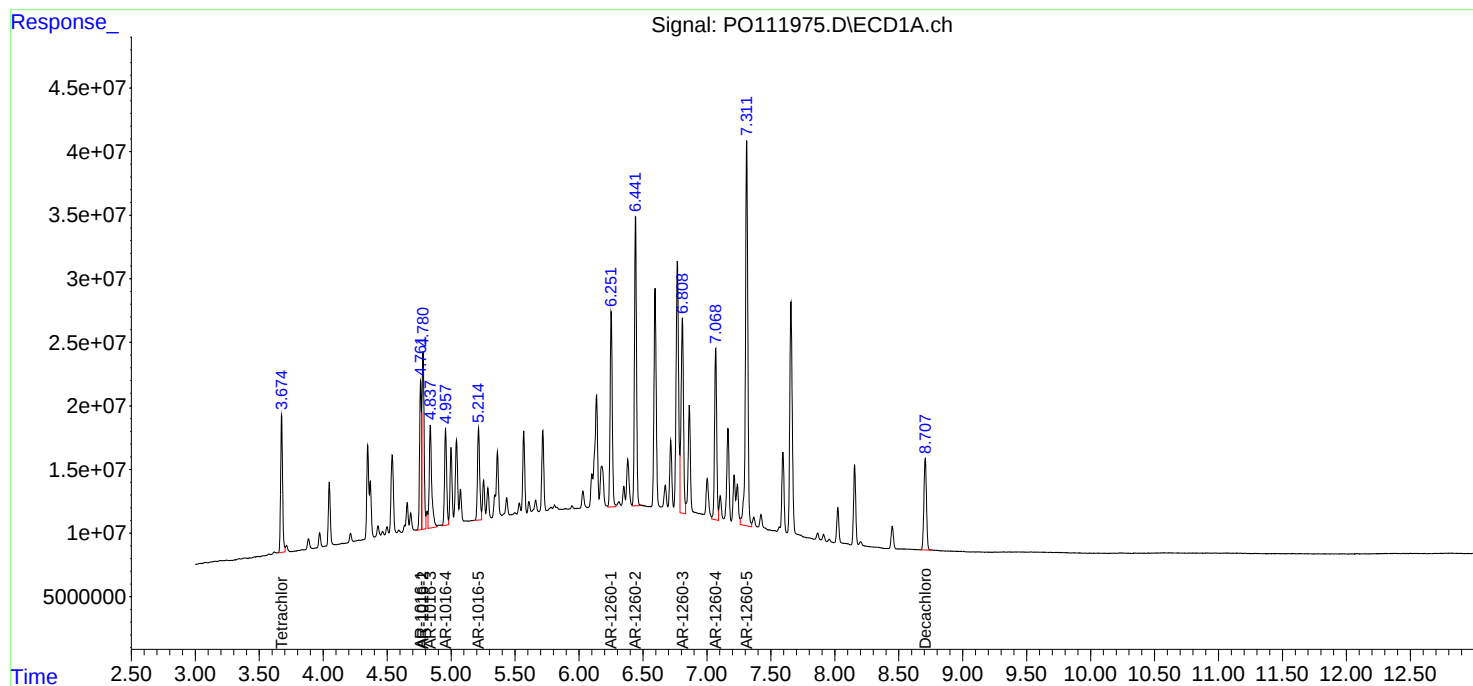
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070225\
Data File : PO111975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2025 13:19
Operator : YP/AJ
Sample : PB168691BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168691BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 13:59:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	po061125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO111591.D	AR-1016-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-3	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-4	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-5	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-1	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-2	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-3	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-4	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software

Manual Integration Report

Sequence:	po061125	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO111598.D	AR-1242-5	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-1	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-3	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-4	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-5	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1254ICC750	PO111605.D	Tetrachloro-m-xylene	yogesh	6/12/2025 8:55:45 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC1000	PO111610.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:46 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-4 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICV500	PO111619.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:50 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PO070225

Instrument

ECD_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

AR1242CCC50
0

PO111982.D

AR-1242-5 #2

yogesh

7/3/2025 8:30:04
AM

Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111585.D	11 Jun 2025 10:03	YP/AJ	Ok
2	I.BLK	PO111586.D	11 Jun 2025 10:21	YP/AJ	Ok
3	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40	YP/AJ	Ok
4	AR1660ICC750	PO111588.D	11 Jun 2025 10:58	YP/AJ	Ok
5	AR1660ICC500	PO111589.D	11 Jun 2025 11:17	YP/AJ	Ok
6	AR1660ICC250	PO111590.D	11 Jun 2025 11:35	YP/AJ	Ok
7	AR1660ICC050	PO111591.D	11 Jun 2025 11:53	YP/AJ	Ok,M
8	AR1221ICC500	PO111592.D	11 Jun 2025 12:12	YP/AJ	Ok
9	AR1232ICC500	PO111593.D	11 Jun 2025 12:30	YP/AJ	Ok
10	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48	YP/AJ	Ok
11	AR1242ICC750	PO111595.D	11 Jun 2025 13:07	YP/AJ	Ok
12	AR1242ICC500	PO111596.D	11 Jun 2025 13:25	YP/AJ	Ok
13	AR1242ICC250	PO111597.D	11 Jun 2025 13:44	YP/AJ	Ok
14	AR1242ICC050	PO111598.D	11 Jun 2025 14:02	YP/AJ	Ok,M
15	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20	YP/AJ	Ok
16	AR1248ICC750	PO111600.D	11 Jun 2025 14:39	YP/AJ	Ok
17	AR1248ICC500	PO111601.D	11 Jun 2025 15:14	YP/AJ	Ok
18	AR1248ICC250	PO111602.D	11 Jun 2025 15:32	YP/AJ	Ok
19	AR1248ICC050	PO111603.D	11 Jun 2025 15:49	YP/AJ	Ok,M
20	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06	YP/AJ	Ok
21	AR1254ICC750	PO111605.D	11 Jun 2025 16:25	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO111606.D	11 Jun 2025 16:43	YP/AJ	Ok
23	AR1254ICC250	PO111607.D	11 Jun 2025 17:00	YP/AJ	Ok
24	AR1254ICC050	PO111608.D	11 Jun 2025 17:18	YP/AJ	Ok
25	AR1262ICC500	PO111609.D	11 Jun 2025 17:36	YP/AJ	Ok
26	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55	YP/AJ	Ok,M
27	AR1268ICC750	PO111611.D	11 Jun 2025 18:13	YP/AJ	Ok
28	AR1268ICC500	PO111612.D	11 Jun 2025 18:31	YP/AJ	Ok
29	AR1268ICC250	PO111613.D	11 Jun 2025 18:50	YP/AJ	Ok,M
30	AR1268ICC050	PO111614.D	11 Jun 2025 19:07	YP/AJ	Ok
31	PO061125ICV500	PO111615.D	11 Jun 2025 19:25	YP/AJ	Ok
32	AR1242ICV500	PO111616.D	11 Jun 2025 20:02	YP/AJ	Ok
33	AR1248ICV500	PO111617.D	11 Jun 2025 20:39	YP/AJ	Ok
34	AR1254ICV500	PO111618.D	11 Jun 2025 21:16	YP/AJ	Ok
35	AR1268ICV500	PO111619.D	11 Jun 2025 21:52	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111966.D	02 Jul 2025 10:38	YP/AJ	Ok
2	AR1660CCC500	PO111967.D	02 Jul 2025 10:56	YP/AJ	Ok
3	AR1242CCC500	PO111968.D	02 Jul 2025 11:15	YP/AJ	Ok
4	AR1248CCC500	PO111969.D	02 Jul 2025 11:32	YP/AJ	Ok
5	AR1254CCC500	PO111970.D	02 Jul 2025 11:50	YP/AJ	Ok
6	I.BLK	PO111971.D	02 Jul 2025 12:08	YP/AJ	Ok
7	DDT ANALOGUE	PO111972.D	02 Jul 2025 12:26	YP/AJ	Ok
8	PB168671BL	PO111973.D	02 Jul 2025 12:45	YP/AJ	Ok
9	PB168691BL	PO111974.D	02 Jul 2025 13:02	YP/AJ	Ok
10	PB168691BS	PO111975.D	02 Jul 2025 13:19	YP/AJ	Ok
11	Q2458-09	PO111976.D	02 Jul 2025 13:37	YP/AJ	Ok
12	Q2467-01	PO111977.D	02 Jul 2025 13:54	YP/AJ	Ok
13	Q2462-04	PO111978.D	02 Jul 2025 14:12	YP/AJ	Ok
14	Q2475-01	PO111979.D	02 Jul 2025 15:05	YP/AJ	Ok,NS
15	Q2478-01	PO111980.D	02 Jul 2025 15:23	YP/AJ	Ok
16	AR1660CCC500	PO111981.D	02 Jul 2025 16:19	YP/AJ	Ok
17	AR1242CCC500	PO111982.D	02 Jul 2025 16:36	YP/AJ	Ok,NS
18	AR1248CCC500	PO111983.D	02 Jul 2025 16:53	YP/AJ	Ok
19	AR1254CCC500	PO111984.D	02 Jul 2025 17:11	YP/AJ	Ok
20	I.BLK	PO111985.D	02 Jul 2025 17:28	YP/AJ	Ok
21	PB168704BL	PO111986.D	02 Jul 2025 17:45	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB168704BS	PO111987.D	02 Jul 2025 18:03	YP/AJ	Ok
23	PB168704BSD	PO111988.D	02 Jul 2025 18:20	YP/AJ	Ok
24	Q2462-01	PO111989.D	02 Jul 2025 18:39	YP/AJ	Ok
25	Q2463-01	PO111990.D	02 Jul 2025 18:56	YP/AJ	Not Ok
26	Q2465-04	PO111991.D	02 Jul 2025 19:14	YP/AJ	Ok,NS
27	Q2481-02	PO111992.D	02 Jul 2025 19:31	YP/AJ	Not Ok
28	Q2481-03	PO111993.D	02 Jul 2025 19:48	YP/AJ	Not Ok
29	Q2481-05	PO111994.D	02 Jul 2025 20:07	YP/AJ	Not Ok
30	AR1660CCC500	PO111995.D	02 Jul 2025 21:16	YP/AJ	Ok
31	AR1242CCC500	PO111996.D	02 Jul 2025 22:11	YP/AJ	Ok
32	AR1248CCC500	PO111997.D	02 Jul 2025 22:28	YP/AJ	Ok
33	AR1254CCC500	PO111998.D	02 Jul 2025 22:46	YP/AJ	Ok
34	I.BLK	PO111999.D	02 Jul 2025 23:05	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM
SubDirectory	PO061125	HP Acquire Method	HP Processing Method PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111585.D	11 Jun 2025 10:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO111586.D	11 Jun 2025 10:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO111588.D	11 Jun 2025 10:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO111589.D	11 Jun 2025 11:17		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO111590.D	11 Jun 2025 11:35		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO111591.D	11 Jun 2025 11:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO111592.D	11 Jun 2025 12:12		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO111593.D	11 Jun 2025 12:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO111595.D	11 Jun 2025 13:07		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO111596.D	11 Jun 2025 13:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO111597.D	11 Jun 2025 13:44		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO111598.D	11 Jun 2025 14:02		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO111600.D	11 Jun 2025 14:39		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO111601.D	11 Jun 2025 15:14		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO111602.D	11 Jun 2025 15:32		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM	
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM	
SubDirectory	PO061125	HP Acquire Method	HP Processing Method	PO061125
STD. NAME		STD REF.#		
Tune/Reschk		PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24332,PP24347,PP24352,PP24357 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Initial Calibration Stds				
CCC				
Internal Standard/PEM				
ICV/I.BLK				
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

19	AR1248ICC050	AR1248ICC050	PO111603.D	11 Jun 2025 15:49		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO111605.D	11 Jun 2025 16:25		YP/AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PO111606.D	11 Jun 2025 16:43		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO111607.D	11 Jun 2025 17:00		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO111608.D	11 Jun 2025 17:18		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO111609.D	11 Jun 2025 17:36		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO111611.D	11 Jun 2025 18:13		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO111612.D	11 Jun 2025 18:31		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO111613.D	11 Jun 2025 18:50		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO111614.D	11 Jun 2025 19:07		YP/AJ	Ok
31	PO061125ICV500	ICVPO061125	PO111615.D	11 Jun 2025 19:25		YP/AJ	Ok
32	AR1242ICV500	ICVPO061125AR1242	PO111616.D	11 Jun 2025 20:02		YP/AJ	Ok
33	AR1248ICV500	ICVPO061125AR1248	PO111617.D	11 Jun 2025 20:39		YP/AJ	Ok
34	AR1254ICV500	ICVPO061125AR1254	PO111618.D	11 Jun 2025 21:16		YP/AJ	Ok
35	AR1268ICV500	ICVPO061125AR1268	PO111619.D	11 Jun 2025 21:52		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111966.D	02 Jul 2025 10:38		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO111967.D	02 Jul 2025 10:56		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO111968.D	02 Jul 2025 11:15		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO111969.D	02 Jul 2025 11:32		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO111970.D	02 Jul 2025 11:50		YP/AJ	Ok
6	I.BLK	I.BLK	PO111971.D	02 Jul 2025 12:08		YP/AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PO111972.D	02 Jul 2025 12:26		YP/AJ	Ok
8	PB168671BL	PB168671BL	PO111973.D	02 Jul 2025 12:45		YP/AJ	Ok
9	PB168691BL	PB168691BL	PO111974.D	02 Jul 2025 13:02		YP/AJ	Ok
10	PB168691BS	PB168691BS	PO111975.D	02 Jul 2025 13:19		YP/AJ	Ok
11	Q2458-09	TP-59	PO111976.D	02 Jul 2025 13:37		YP/AJ	Ok
12	Q2467-01	1A-1B-1C-Fire Stopher	PO111977.D	02 Jul 2025 13:54		YP/AJ	Ok
13	Q2462-04	60425-AB	PO111978.D	02 Jul 2025 14:12		YP/AJ	Ok
14	Q2475-01	SOIL-PILE	PO111979.D	02 Jul 2025 15:05		YP/AJ	Ok,NS
15	Q2478-01	WC-1	PO111980.D	02 Jul 2025 15:23		YP/AJ	Ok
16	AR1660CCC500	AR1660CCC500	PO111981.D	02 Jul 2025 16:19		YP/AJ	Ok
17	AR1242CCC500	AR1242CCC500	PO111982.D	02 Jul 2025 16:36		YP/AJ	Ok,NS
18	AR1248CCC500	AR1248CCC500	PO111983.D	02 Jul 2025 16:53		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070225

Review By	yogesh	Review On	7/2/2025 11:58:42 AM
Supervise By		Supervise On	
SubDirectory	PO070225	HP Acquire Method	HP Processing Method PO061125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PO111984.D	02 Jul 2025 17:11		YP/AJ	Ok
20	I.BLK	I.BLK	PO111985.D	02 Jul 2025 17:28		YP/AJ	Ok
21	PB168704BL	PB168704BL	PO111986.D	02 Jul 2025 17:45		YP/AJ	Ok
22	PB168704BS	PB168704BS	PO111987.D	02 Jul 2025 18:03		YP/AJ	Ok
23	PB168704BSD	PB168704BSD	PO111988.D	02 Jul 2025 18:20		YP/AJ	Ok
24	Q2462-01	40425	PO111989.D	02 Jul 2025 18:39		YP/AJ	Ok
25	Q2463-01	TW-WTS-11	PO111990.D	02 Jul 2025 18:56	Need straight	YP/AJ	Not Ok
26	Q2465-04	62025-ABC	PO111991.D	02 Jul 2025 19:14	TCMX high in 1st column	YP/AJ	Ok,NS
27	Q2481-02	CC0627-CLOXPL	PO111992.D	02 Jul 2025 19:31	Need to run with lower dilution 10X	YP/AJ	Not Ok
28	Q2481-03	CC0625-OXBL	PO111993.D	02 Jul 2025 19:48	Need to run with lower dilution 10X	YP/AJ	Not Ok
29	Q2481-05	CC0625-NL	PO111994.D	02 Jul 2025 20:07	Need to run with lower dilution 10X	YP/AJ	Not Ok
30	AR1660CCC500	AR1660CCC500	PO111995.D	02 Jul 2025 21:16		YP/AJ	Ok
31	AR1242CCC500	AR1242CCC500	PO111996.D	02 Jul 2025 22:11		YP/AJ	Ok
32	AR1248CCC500	AR1248CCC500	PO111997.D	02 Jul 2025 22:28		YP/AJ	Ok
33	AR1254CCC500	AR1254CCC500	PO111998.D	02 Jul 2025 22:46		YP/AJ	Ok
34	I.BLK	I.BLK	PO111999.D	02 Jul 2025 23:05		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 06/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136327

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2451-01	Y2310-0409-1-1	1	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-02	Y2310-0409-1-2	2	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-03	Y2307-0279-1-1	3	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-04	Y2307-0279-1-2	4	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-05	KQA080Z-1-1	5	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-06	KQA080Z-1-2	6	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-07	HIA-925Q-1-1	7	1.00	1.00	2.00	2.00	100.0	PILC
Q2451-08	HIA-925Q-1-2	8	1.00	1.00	2.00	2.00	100.0	PILC
Q2458-01	TP-76	9	1.15	10.84	11.99	10.97	90.6	
Q2458-02	TP-55	10	1.18	10.49	11.67	10.77	91.4	
Q2458-03	TP-68	11	1.18	10.68	11.86	11.04	92.3	
Q2458-04	TP-67	12	1.19	10.16	11.35	10.3	89.7	
Q2458-05	TP-66	13	1.19	10.18	11.37	10.18	88.3	
Q2458-06	TP-60	14	1.15	10.83	11.98	11.17	92.5	
Q2458-07	TP-62	15	1.15	10.84	11.99	11.02	91.1	
Q2458-08	TP-63	16	1.19	10.82	12.01	10.54	86.4	
Q2458-09	TP-59	17	1.15	10.70	11.85	9.35	76.6	
Q2459-01	TP-1	18	1.19	10.74	11.93	10.66	88.2	
Q2459-02	TP-1-EPH	19	1.15	10.88	12.03	10.8	88.7	
Q2459-03	TP-1-VOC	20	1.16	10.83	11.99	10.9	89.9	
Q2459-04	TP-1	21	1.19	10.74	11.93	10.66	88.2	
Q2462-02	60425-A	22	1.15	10.31	11.46	9.96	85.5	
Q2462-03	60425-B	23	1.14	10.66	11.8	7.91	63.5	
Q2462-04	60425-AB	24	1.19	10.57	11.76	9.66	80.1	
Q2462-05	50725	25	1.00	1.00	2.00	2.00	100.0	debris
Q2462-06	61625-A	26	1.12	10.70	11.82	9.5	78.3	
Q2462-07	61625-B	27	1.18	10.37	11.55	8.29	68.6	
Q2462-08	61625-C	28	1.19	10.65	11.84	9.11	74.4	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 06/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136327

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2462-09	61625-ABC	29	1.19	10.56	11.75	9.26	76.4	
Q2462-10	62725	30	1.00	1.00	2.00	2.00	100.0	debris
Q2464-01	OR-3-063025	31	1.12	10.76	11.88	11.57	97.1	
Q2464-02	OR-3-063025-E2	32	1.18	10.50	11.68	11.3	96.4	
Q2466-01	61825	33	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2466-02	62625	34	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2467-01	1A-1B-1C-Fire Stopher Caulk-Red	35	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2469-01	WC-1	36	1.15	10.13	11.28	9.8	85.4	
Q2469-02	WC-1-EPH	37	1.19	10.36	11.55	10.14	86.4	
Q2469-03	WC-1-VOC	38	1.15	10.84	11.99	10.74	88.5	
Q2469-04	WC-1	39	1.15	10.13	11.28	9.8	85.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136327

WorkList Name : %1-063025

WorkList ID : 190450

Department : Wet-Chemistry

Date : 06-30-2025 08:06:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2451-01	Y2310-0409-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-02	Y2310-0409-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-03	Y2307-0279-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-04	Y2307-0279-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-05	KQA08OZ-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-06	KQA08OZ-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-07	HIA-925Q-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2451-08	HIA-925Q-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2458-01	TP-76	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2458-02	TP-55	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-03	TP-68	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-04	TP-67	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-05	TP-66	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-06	TP-60	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-07	TP-62	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-08	TP-63	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2458-09	TP-59	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/27/2025	Chemtech -SO
Q2459-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO
Q2459-04	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A51	06/28/2025	Chemtech -SO

Date/Time 06/30/25 16:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 06/30/25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

WORKLIST(Hardcopy Internal Chain)

130327

WorkList Name : %1-063025 WorkList ID : 190450 Department : Wet-Chemistry Date : 06-30-2025 08:06:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2462-02	60425-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-03	60425-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-04	60425-AB	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-05	50725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-06	61625-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-07	61625-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-08	61625-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-09	60425-ABC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2462-10	62725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A12	06/30/2025	Chemtech -SO
Q2464-01	OR-3-063025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A21	06/30/2025	Chemtech -SO
Q2464-02	OR-3-063025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A21	06/30/2025	Chemtech -SO
Q2466-01	61825	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/30/2025	Chemtech -SO
Q2466-02	62625	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/30/2025	Chemtech -SO
Q2467-01	1A-1B-1C-Fire Stopper Caulk-R	Solid	Percent Solids	Cool 4 deg C	ATCE02	A61	06/26/2025	Chemtech -SO
Q2469-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO
Q2469-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	06/30/2025	Chemtech -SO

Date/Time 06/30/25 16:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/30/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 07/02/2025

Extraction Start Time : 08:15

Extraction End Date : 07/02/2025

Extraction End Time : 11:15

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2624
Sand	N/A	E2865
Hexane	N/A	E3947
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723, No MS/MSD performed as sample is caulk matrix with Limited volume received.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

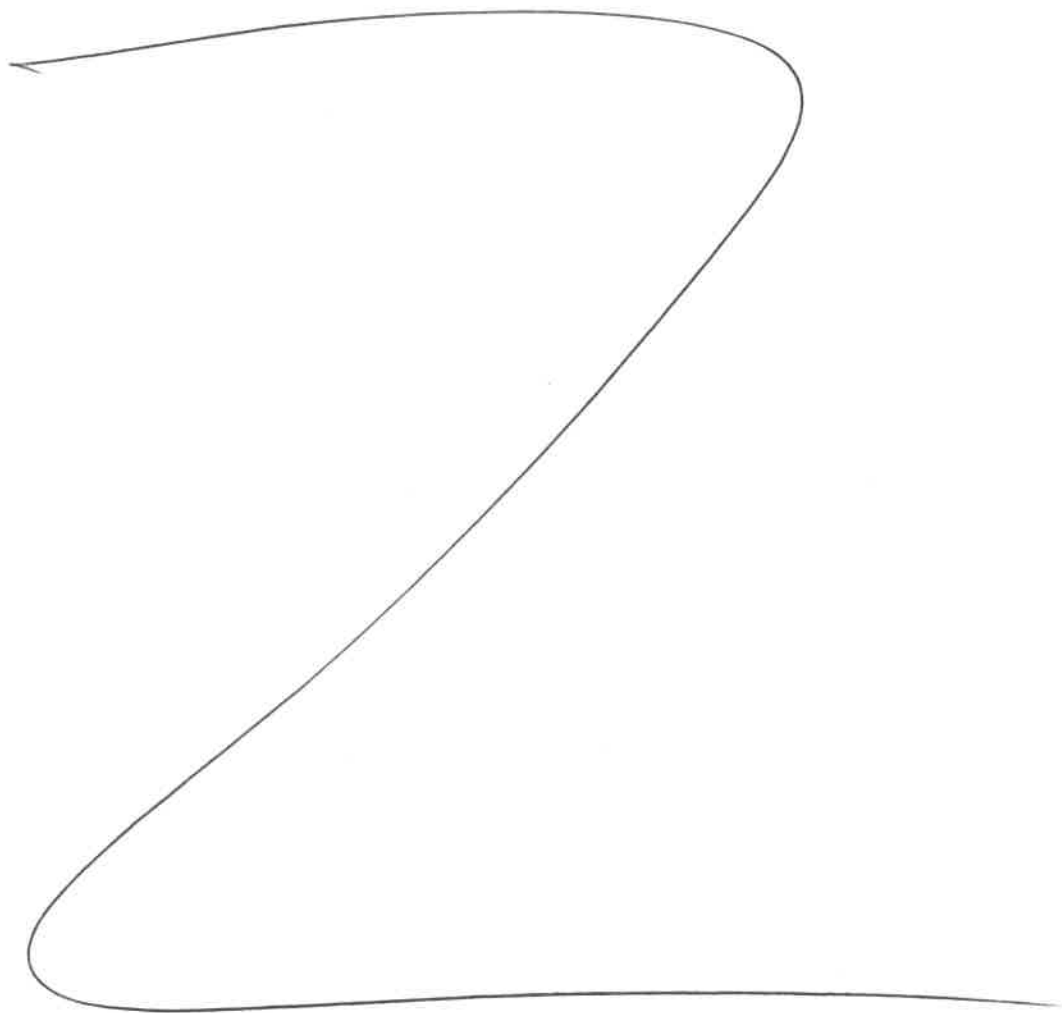
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/2/25	RS (Ext Lab)	Y-P-Pest IPCB
11:20	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/02/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168691BL	ABLK691	PCB Group1	30.03	N/A	ritesh	Evelyn	10			U1-1
PB168691BS	ALCS691	PCB Group1	30.01	N/A	ritesh	Evelyn	10			2
Q2467-01	1A-1B-1C-FIRE STOPHER CAULK-RED	PCB Group1	2.13	N/A	ritesh	Evelyn	10		Caulk Mat.	3



RS
7/2

168691
8:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2467 WorkList ID : 190502 Department : Extraction Date : 07-02-2025 08:10:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2467-01	1A-1B-1C-Fire Stopher Caulk-R	Solid	PCB Group1	Cool 4 deg C	ATCE02	A61	06/26/2025	8082A

Date/Time 07/02/25 8:10
Raw Sample Received by: RJ LEEH-SH
Raw Sample Relinquished by: RJ LEEH-SH

Date/Time 07/02/25 8:20
Raw Sample Received by: RJ LEEH-SH
Raw Sample Relinquished by: RJ LEEH-SH



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

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

Chemtech Project Number

2467

COC Number

CLIENT INFORMATION

Report to be sent to:

COMPANY: ATC Group Services
ADDRESS: 104 E 25th Street
CITY: NY STATE: NY ZIP: 10010
ATTENTION: Olga Seldina
PHONE: (212) 284-0619

PROJECT INFORMATION

PROJECT NAME: RS 452
PROJECT #: 2025 PCA022 LOCATION: Manhattan
PROJECT MANAGER: Olga Seldina
E-MAIL: olga.seldina@oneatlas.com
PHONE: (212) 284-0619 FAX: _____

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) 3 days DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 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
☐ EDD FORMAT _____ ☐ Other _____

ANALYSIS



PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles											COMMENTS <-- Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	<u>Fire stopper can - Red horse</u>	<u>can</u>	☒		<u>6/26/25</u>	<u>3:00PM</u>													
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

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

RELINQUISHED BY SAMPLER 1. <u>O. Seldina</u>	DATE/TIME <u>6/27/25</u>	RECEIVED BY 1. <u>[Signature]</u>	Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>21.2°C</u> Comments: <u>the 6 to 1</u>
RELINQUISHED BY 2. <u>[Signature]</u>	DATE/TIME <u>6/27/25</u>	RECEIVED BY 2. <u>[Signature]</u>	
RELINQUISHED BY 3. <u>[Signature]</u>	DATE/TIME _____	RECEIVED FOR LAB BY 3. _____	

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other: _____
 CHEMTECH: ☐ Picked Up

Shipment Complete
☐ YES ☐ NO

10/2021

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Composite Sample log

Date: 6-30-25

Client Project Name : P.S 452 2025 SCA 022

Instructions: Composite Samples (3:1)

Sample Custodian: C. R. Williams

[illegible]

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