

Cover Page

Order ID : Q2500

Project ID : SCA X600 - 2022SCA426

Client : ATC Group Services LLC

Lab Sample Number

Q2500-01
Q2500-02
Q2500-03
Q2500-04
Q2500-05
Q2500-06

Client Sample Number

X600-B2
X600-S2
X600-B1
X600-S1
X600-DUP1
X600-S3

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: 7/15/2025

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: SCA X600 - 2022SCA426

Project # N/A

Order ID # Q2500

Test Name: PCB Group1

A. Number of Samples and Date of Receipt:

6 Solid samples were received on 07/02/2025.

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_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The 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 MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PP073520.D met the requirements except for Aroclor-1016(Peak-05) is failing in 2nd column, however it is passed in 1st column therefore no corrective action was taken.

E. Additional Comments:

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

F. Manual Integration Comments:

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 #: Q2500

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: SOHIL JODHANI

Date: 07/15/2025

LAB CHRONICLE

OrderID: Q2500
Client: ATC Group Services LLC
Contact: Accounting/Invoices - Corporate

OrderDate: 7/2/2025 3:32:10 PM
Project: SCA X600 - 2022SCA426
Location: A52

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2500-01	X600-B2	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25
Q2500-02	X600-S2	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25
Q2500-03	X600-B1	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25
Q2500-04	X600-S1	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25
Q2500-05	X600-DUP1	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25
Q2500-06	X600-S3	SOIL	PCB Group1	8082A	07/02/25	07/03/25	07/03/25	07/02/25

Hit Summary Sheet
SW-846

SDG No.: Q2500

Order ID: Q2500

Client: ATC Group Services LLC

Project ID: SCA X600 - 2022SCA426

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q2500-02	X600-S2 X600-S2	SOIL	Aroclor-1254	20.2	3.50		18.7	ug/kg
Total Concentration:				20.200				
Client ID : Q2500-03	X600-B1 X600-B1	SOIL	Aroclor-1254	23.5	3.40		17.9	ug/kg
Total Concentration:				23.500				
Client ID : Q2500-04	X600-S1 X600-S1	SOIL	Aroclor-1254	34.2	3.50		18.5	ug/kg
Total Concentration:				34.200				
Client ID : Q2500-05	X600-DUP1 X600-DUP1	SOIL	Aroclor-1254	52.5	3.40		18.1	ug/kg
Total Concentration:				52.500				
Client ID : Q2500-06	X600-S3 X600-S3	SOIL	Aroclor-1254	5.00 J	3.40		18.0	ug/kg
Total Concentration:				5.000				



QC SUMMARY

Surrogate Summary

SDG No.: **Q2500**

Client: **ATC Group Services LLC**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP073412.D	PIBLK-PP073412.D	Tetrachloro-m-xyl	1	20	16.6	83		60	140
		Decachlorobiphen	1	20	15.7	78		60	140
		Tetrachloro-m-xyl	2	20	16.5	83		60	140
		Decachlorobiphen	2	20	16.5	82		60	140
I.BLK-PP073488.D	PIBLK-PP073488.D	Tetrachloro-m-xyl	1	20	18.4	92		30	173
		Decachlorobiphen	1	20	17.4	87		10	173
		Tetrachloro-m-xyl	2	20	18.2	91		30	173
		Decachlorobiphen	2	20	19.0	95		10	173
PB168707BL	PB168707BL	Tetrachloro-m-xyl	1	20	20.0	100		32	144
		Decachlorobiphen	1	20	18.5	92		32	175
		Tetrachloro-m-xyl	2	20	19.0	95		32	144
		Decachlorobiphen	2	20	20.1	101		32	175
PB168707BS	PB168707BS	Tetrachloro-m-xyl	1	20	20.3	101		32	144
		Decachlorobiphen	1	20	19.3	97		32	175
		Tetrachloro-m-xyl	2	20	18.1	90		32	144
		Decachlorobiphen	2	20	20.7	103		32	175
Q2500-01	X600-B2	Tetrachloro-m-xyl	1	20	18.8	94		32	144
		Decachlorobiphen	1	20	17.1	85		32	175
		Tetrachloro-m-xyl	2	20	18.7	93		32	144
		Decachlorobiphen	2	20	17.1	85		32	175
Q2500-02	X600-S2	Tetrachloro-m-xyl	1	20	19.5	97		32	144
		Decachlorobiphen	1	20	17.6	88		32	175
		Tetrachloro-m-xyl	2	20	19.6	98		32	144
		Decachlorobiphen	2	20	18.9	94		32	175
Q2500-03	X600-B1	Tetrachloro-m-xyl	1	20	20.4	102		32	144
		Decachlorobiphen	1	20	18.0	90		32	175
		Tetrachloro-m-xyl	2	20	20.3	102		32	144
		Decachlorobiphen	2	20	19.3	96		32	175
Q2500-04	X600-S1	Tetrachloro-m-xyl	1	20	19.4	97		32	144
		Decachlorobiphen	1	20	16.0	80		32	175
		Tetrachloro-m-xyl	2	20	18.8	94		32	144
		Decachlorobiphen	2	20	16.5	83		32	175
Q2500-05	X600-DUP1	Tetrachloro-m-xyl	1	20	21.6	108		32	144
		Decachlorobiphen	1	20	16.2	81		32	175
		Tetrachloro-m-xyl	2	20	16.2	81		32	144
		Decachlorobiphen	2	20	16.1	81		32	175
Q2500-06	X600-S3	Tetrachloro-m-xyl	1	20	18.1	91		32	144
		Decachlorobiphen	1	20	15.4	77		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	16.5	83		32	175
I.BLK-PP073502.D	PIBLK-PP073502.D	Tetrachloro-m-xyl	1	20	18.2	91		30	173

Surrogate Summary

SDG No.: Q2500

Client: ATC Group Services LLC

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP073502.D	PIBLK-PP073502.D	Decachlorobiphen	1	20	17.2	86		10	173
		Tetrachloro-m-xyl	2	20	18.4	92		30	173
I.BLK-PP073508.D	PIBLK-PP073508.D	Decachlorobiphen	2	20	19.2	96		10	173
		Tetrachloro-m-xyl	1	20	18.0	90		60	140
		Decachlorobiphen	1	20	16.6	83		60	140
		Tetrachloro-m-xyl	2	20	18.0	90		60	140
		Decachlorobiphen	2	20	18.4	92		60	140
Q2500-01MS	X600-B2MS	Tetrachloro-m-xyl	1	20	19.9	99		32	144
		Decachlorobiphen	1	20	16.6	83		32	175
		Tetrachloro-m-xyl	2	20	19.3	97		32	144
		Decachlorobiphen	2	20	19.4	97		32	175
Q2500-01MSD	X600-B2MSD	Tetrachloro-m-xyl	1	20	19.3	96		32	144
		Decachlorobiphen	1	20	15.5	77		32	175
		Tetrachloro-m-xyl	2	20	18.5	92		32	144
		Decachlorobiphen	2	20	18.7	94		32	175
I.BLK-PP073524.D	PIBLK-PP073524.D	Tetrachloro-m-xyl	1	20	15.6	78		60	140
		Decachlorobiphen	1	20	14.1	70		60	140
		Tetrachloro-m-xyl	2	20	17.9	89		60	140
		Decachlorobiphen	2	20	18.0	90		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2500</u>	Analytical Method:	<u>8082A</u>
Client:	<u>ATC Group Services LLC</u>	DataFile :	<u>PP073511.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2500-01MS	Client Sample ID:		X600-B2MS							
(Column 1)											
AR1016	178.5	0	163	ug/kg	91				55	146	
AR1260	178.5	0	144	ug/kg	81				54	119	
Lab Sample ID:	Q2500-01MS	Client Sample ID:		X600-B2MS							
(Column 2)											
AR1016	178.5	0	172	ug/kg	96				55	146	
AR1260	178.5	0	158	ug/kg	89				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2500</u>	Analytical Method:	<u>8082A</u>
Client:	<u>ATC Group Services LLC</u>	DataFile :	<u>PP073512.D</u>

		Sample					Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2500-01MSD	Client Sample ID:		X600-B2MSD								
	(Column 1)											
	AR1016			178.6	0	160	ug/kg	90		1		55
	AR1260	178.6	0	141	ug/kg	79		3		54	119	15
Lab Sample ID:	Q2500-01MSD	Client Sample ID:		X600-B2MSD								
	(Column 2)											
	AR1016			178.6	0	174	ug/kg	97		1		55
	AR1260	178.6	0	158	ug/kg	88		1		54	119	15



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2500

Analytical Method: 8082A

Client: ATC Group Services LLC

Datafile : PP073491.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168707BS (Column 1)	AR1016	166.6	168	ug/kg	101				71	120	
	AR1260	166.6	152	ug/kg	91				65	130	
PB168707BS (Column 2)	AR1016	166.6	163	ug/kg	98				71	120	
	AR1260	166.6	156	ug/kg	94				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168707BL

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: PB168707BL

Lab File ID: PP073490.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/03/2025

Date Analyzed (1): 07/03/2025

Date Analyzed (2): 07/03/2025

Time Analyzed (1): 11:26

Time Analyzed (2): 11:26

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168707BS	PB168707BS	PP073491.D	07/03/2025	07/03/2025
X600-B2	Q2500-01	PP073492.D	07/03/2025	07/03/2025
X600-S2	Q2500-02	PP073493.D	07/03/2025	07/03/2025
X600-B1	Q2500-03	PP073494.D	07/03/2025	07/03/2025
X600-S1	Q2500-04	PP073495.D	07/03/2025	07/03/2025
X600-DUP1	Q2500-05	PP073496.D	07/03/2025	07/03/2025
X600-S3	Q2500-06	PP073497.D	07/03/2025	07/03/2025
X600-B2MS	Q2500-01MS	PP073511.D	07/04/2025	07/04/2025
X600-B2MSD	Q2500-01MSD	PP073512.D	07/04/2025	07/04/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-B2	SDG No.:	Q2500
Lab Sample ID:	Q2500-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073492.D	1	07/03/25 08:05	07/03/25 11:59	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.2	ug/kg
Total PCBs	Total PCBs	6.40	U	6.40	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		32 - 175	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 11:59
Operator : YP\AJ
Sample : Q2500-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-B2

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 12:40:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.780	29930851	33128960	18.750	18.680
2) SA Decachlor...	10.184	8.785	24745698	23596151	17.414m	17.054

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 11:59
Operator : YP\AJ
Sample : Q2500-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

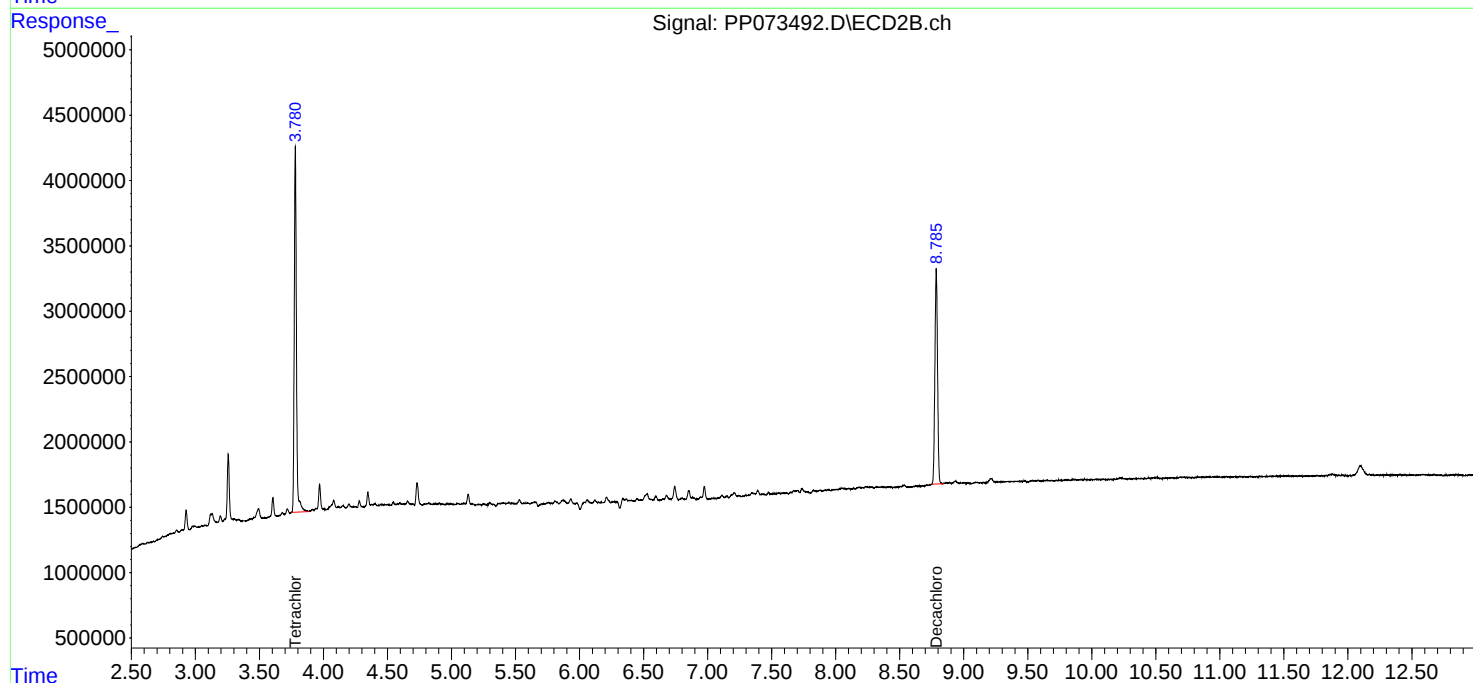
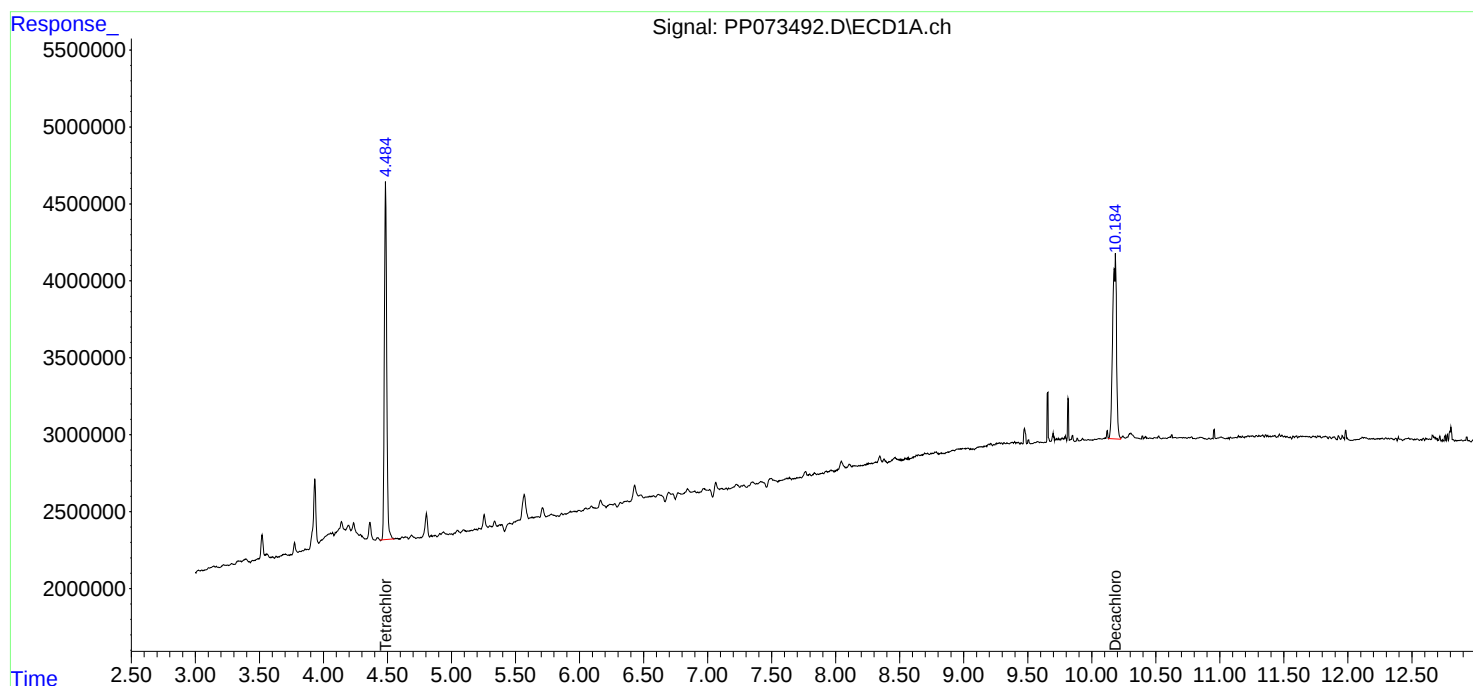
Instrument :
ECD_P
ClientSampleId :
X600-B2

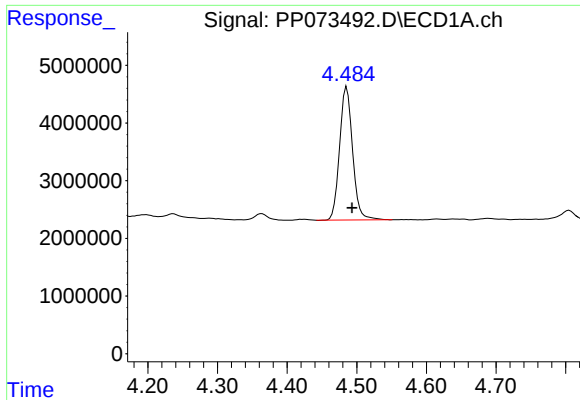
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 12:40:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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





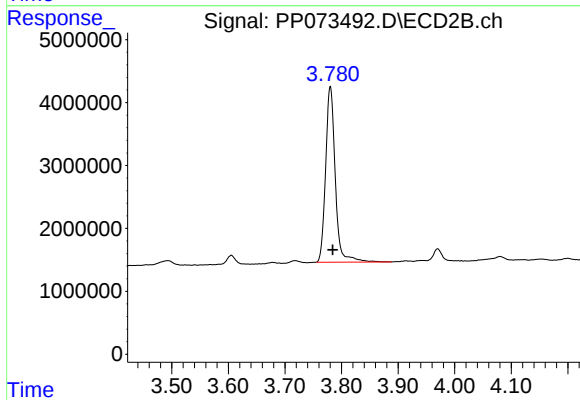
#1 Tetrachloro-m-xylene

R.T.: 4.486 min
Delta R.T.: -0.007 min
Response: 29930851
Conc: 18.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B2

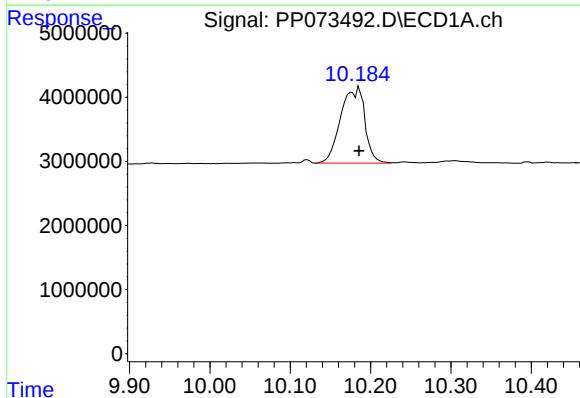
Manual Integrations
APPROVED

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



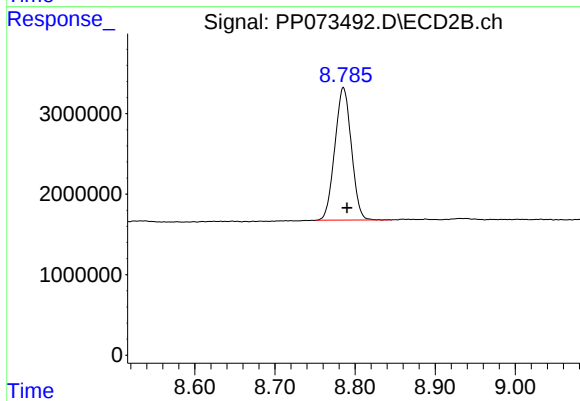
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 33128960
Conc: 18.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.184 min
Delta R.T.: -0.001 min
Response: 24745698
Conc: 17.41 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.004 min
Response: 23596151
Conc: 17.05 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-S2	SDG No.:	Q2500
Lab Sample ID:	Q2500-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073493.D	1	07/03/25 08:05	07/03/25 12:15	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	20.2		3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.7	ug/kg
Total PCBs	Total PCBs	20.2		3.50	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 12:15
 Operator : YP\AJ
 Sample : Q2500-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-S2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 01:44:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.488	3.782	31060573	34759367	19.458	19.599
2)	SA Decachlor...	10.180	8.787	25021725	26100002	17.609	18.863
Target Compounds							
26)	L6 AR-1254-1	6.487	5.661	2685236	3419109	37.857	31.211
27)	L6 AR-1254-2	6.702	5.810	4217189	4868376	40.888	50.199
28)	L6 AR-1254-3	7.066	6.211	5951052	8171451	52.351	55.460
29)	L6 AR-1254-4	7.349	6.440	3664393	3785848	36.833	41.960
30)	L6 AR-1254-5	7.765	6.855	8830884	12934306	93.179	97.195
31)	L7 AR-1260-1	7.230	6.341	2984984	4576024	41.857	49.589
32)	L7 AR-1260-2	7.482	6.529	4916535	5942850	46.775	48.084
33)	L7 AR-1260-3	7.839	6.680	1398077	3861704	15.171	38.588 #
34)	L7 AR-1260-4	8.050	7.150	3962190	1241753	44.842	14.303 #
35)	L7 AR-1260-5	8.384	7.393	2379115	3257570	12.069	14.932

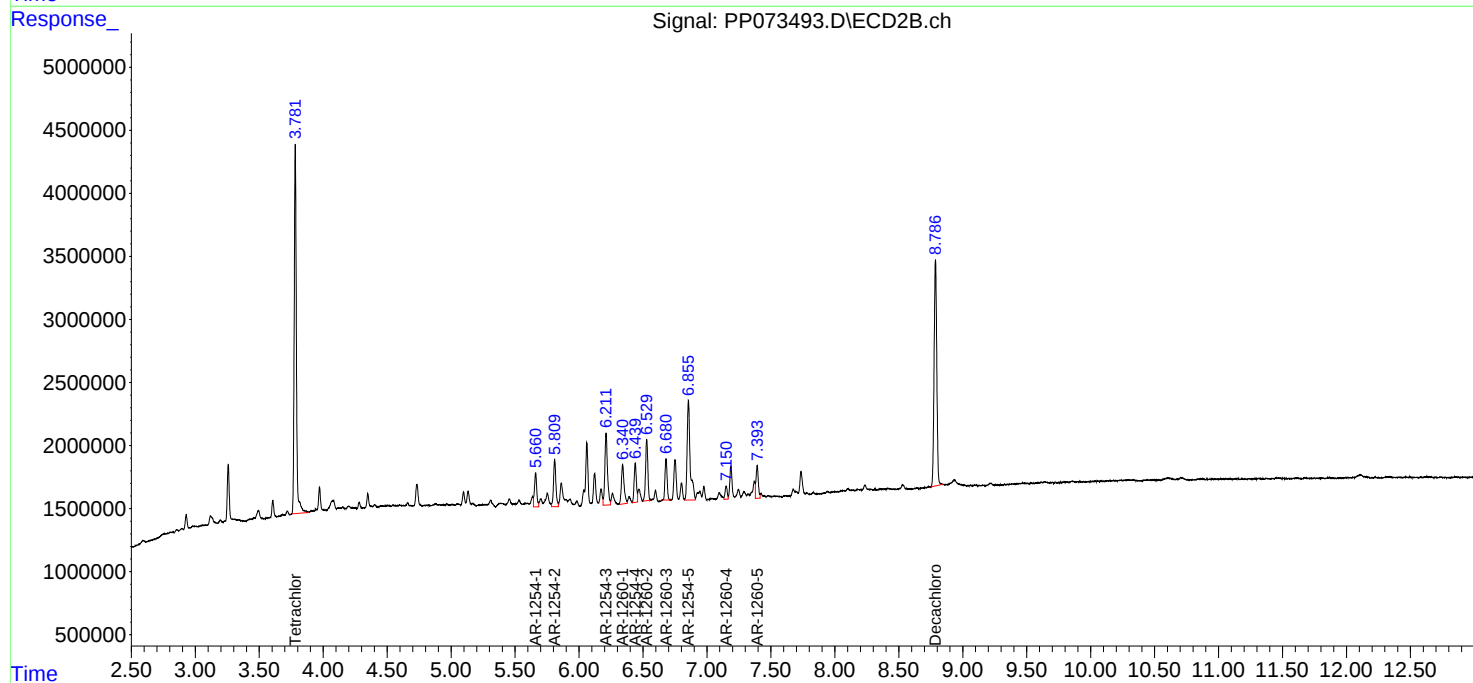
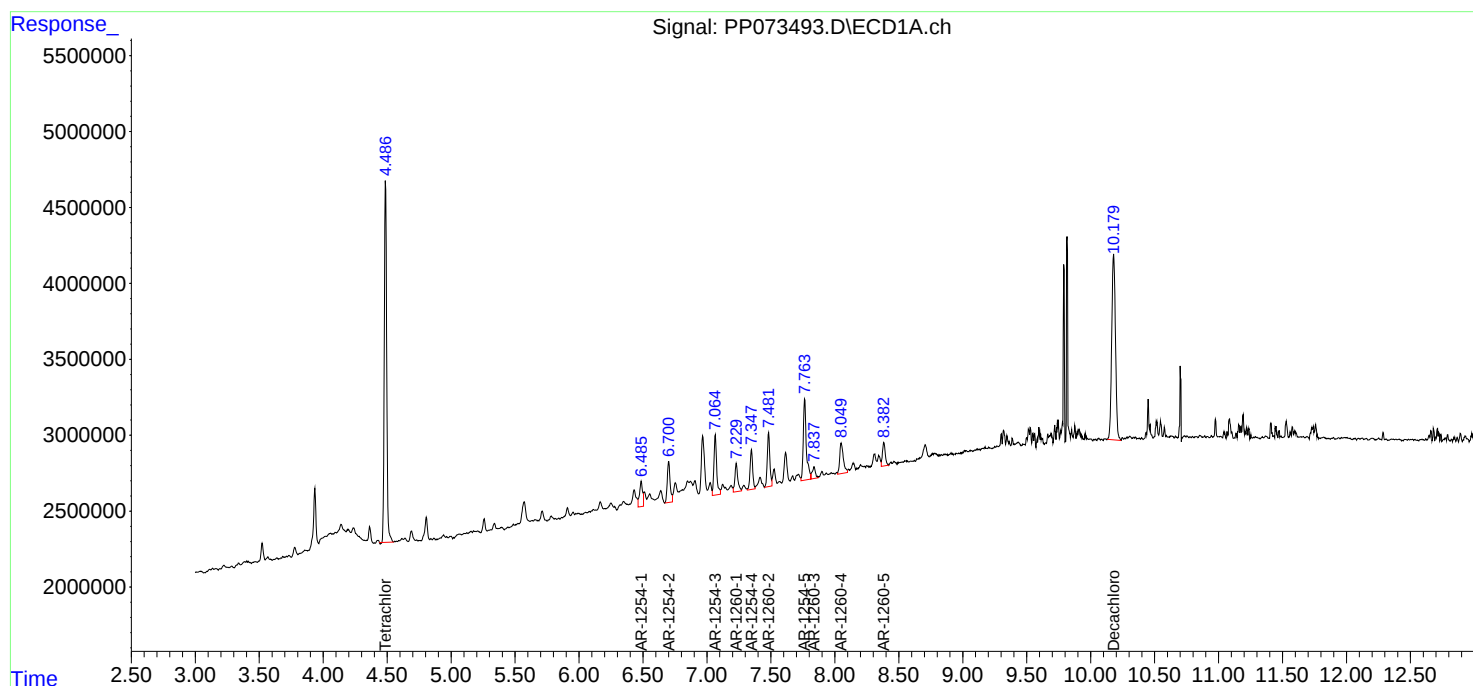
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

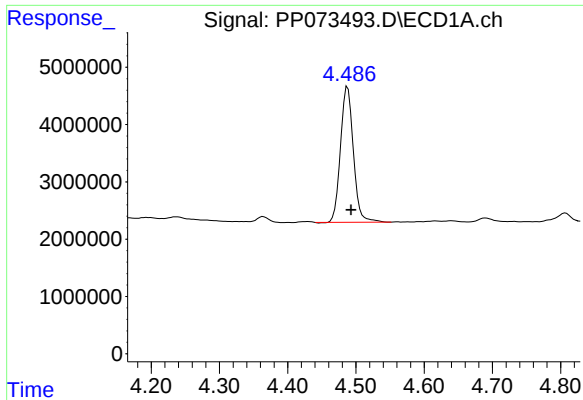
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 12:15
Operator : YP\AJ
Sample : Q2500-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-S2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 01:44:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

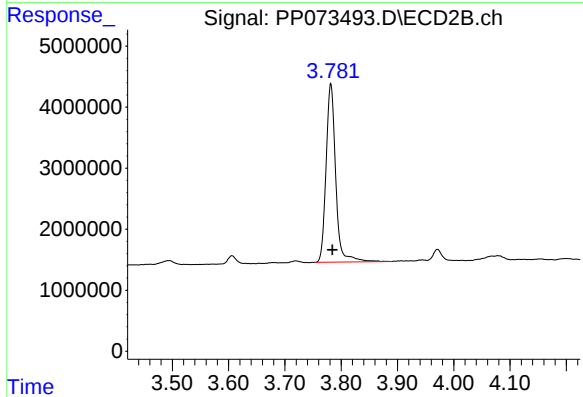




#1 Tetrachloro-m-xylene

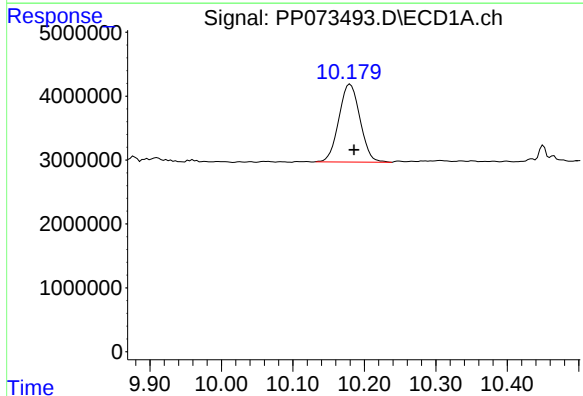
R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 31060573
Conc: 19.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2



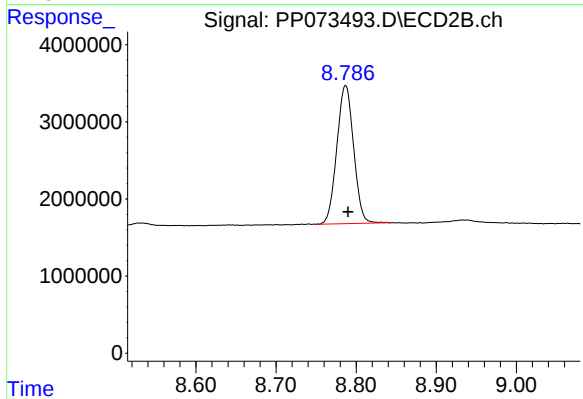
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 34759367
Conc: 19.60 ng/ml



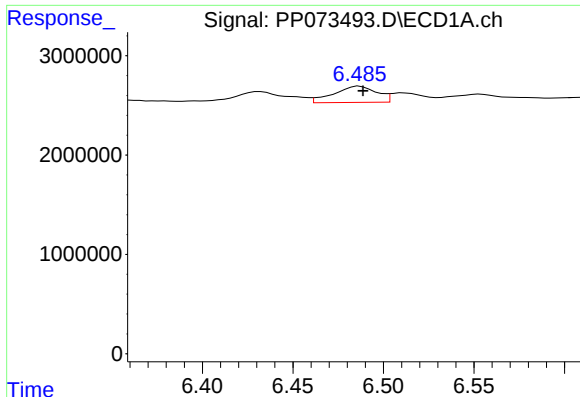
#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.006 min
Response: 25021725
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

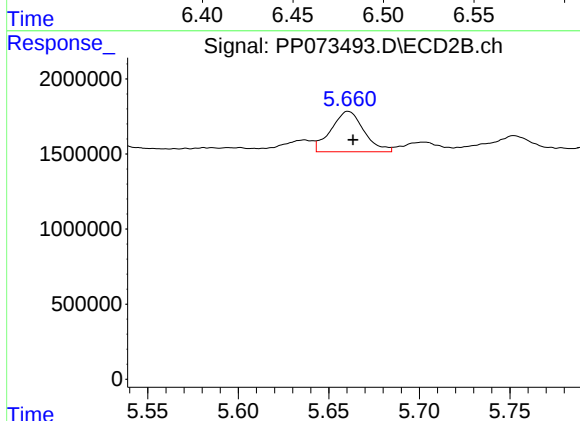
R.T.: 8.787 min
Delta R.T.: -0.003 min
Response: 26100002
Conc: 18.86 ng/ml



#26 AR-1254-1

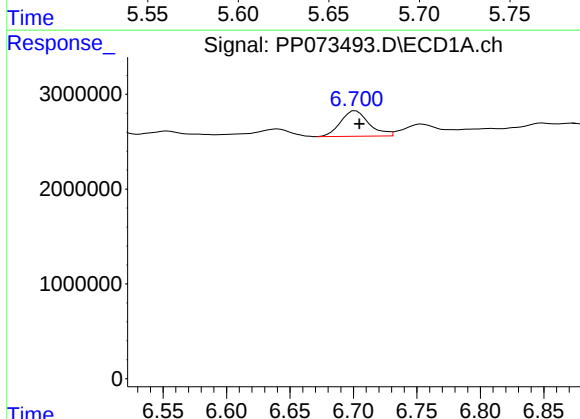
R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 2685236
Conc: 37.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2



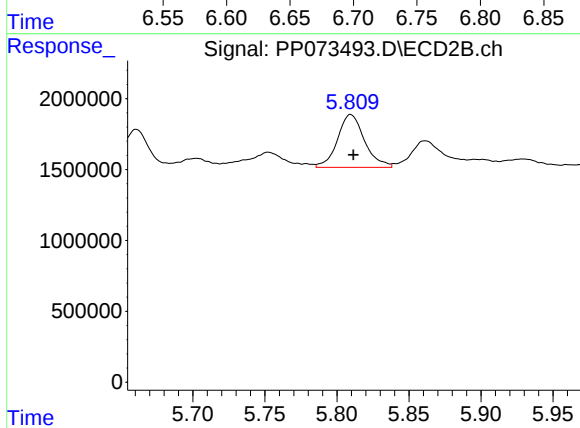
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 3419109
Conc: 31.21 ng/ml



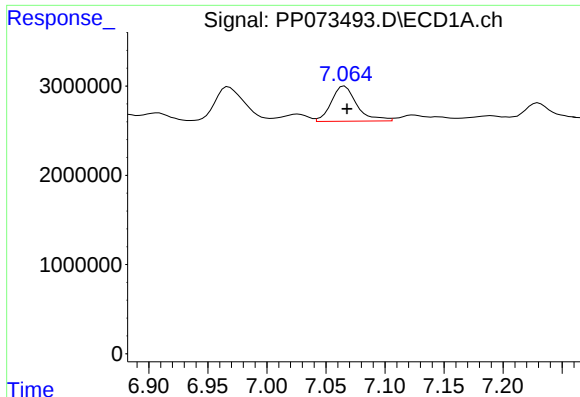
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 4217189
Conc: 40.89 ng/ml



#27 AR-1254-2

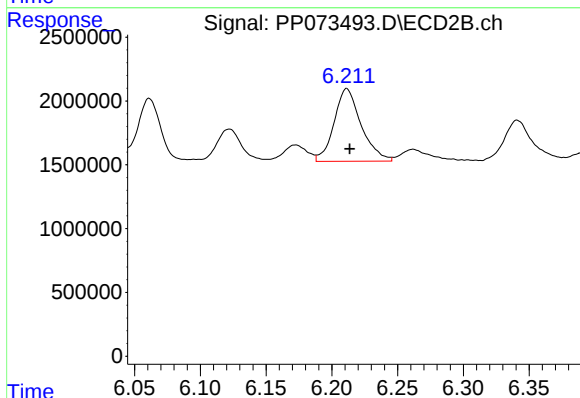
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 4868376
Conc: 50.20 ng/ml



#28 AR-1254-3

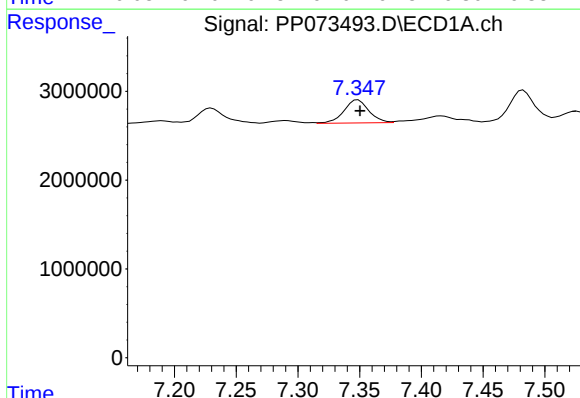
R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 5951052
Conc: 52.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2



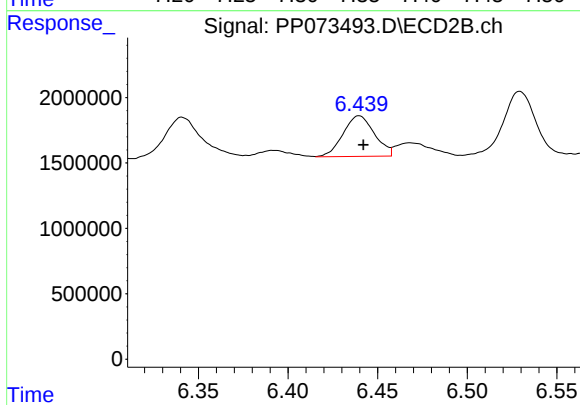
#28 AR-1254-3

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 8171451
Conc: 55.46 ng/ml



#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 3664393
Conc: 36.83 ng/ml

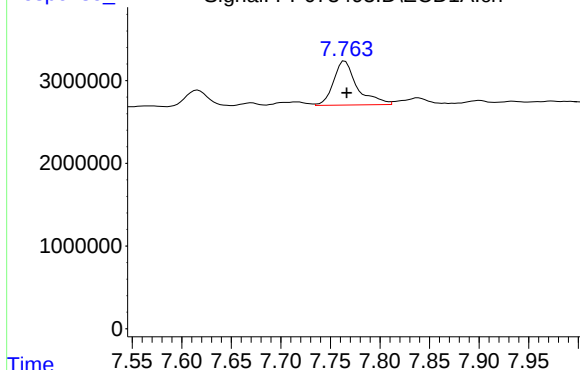


#29 AR-1254-4

R.T.: 6.440 min
Delta R.T.: -0.002 min
Response: 3785848
Conc: 41.96 ng/ml

Signal: PP073493.D\ECD1A.ch

#30 AR-1254-5

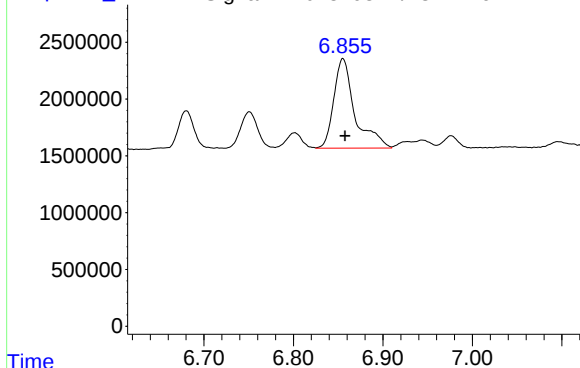


R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 8830884
Conc: 93.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2

Signal: PP073493.D\ECD2B.ch

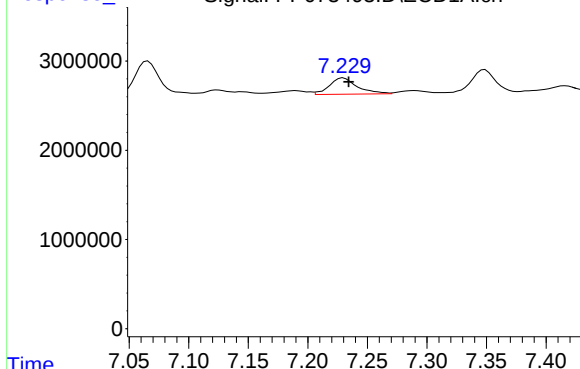
#30 AR-1254-5



R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 12934306
Conc: 97.20 ng/ml

Signal: PP073493.D\ECD1A.ch

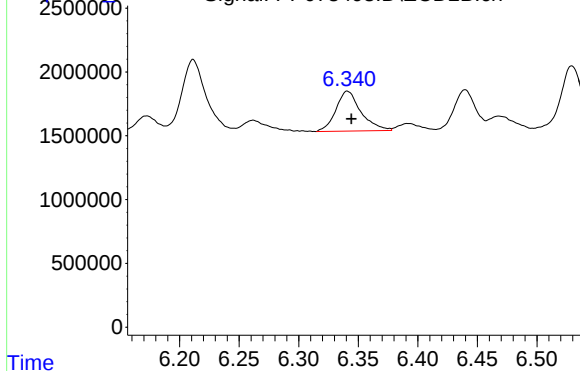
#31 AR-1260-1



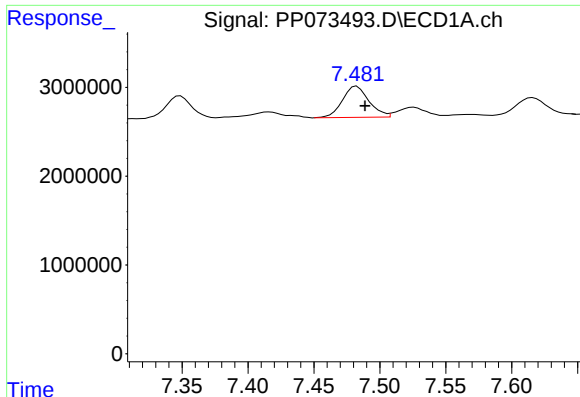
R.T.: 7.230 min
Delta R.T.: -0.005 min
Response: 2984984
Conc: 41.86 ng/ml

Signal: PP073493.D\ECD2B.ch

#31 AR-1260-1



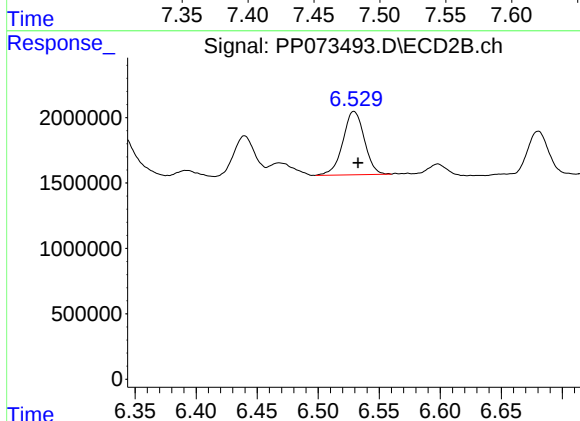
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 4576024
Conc: 49.59 ng/ml



#32 AR-1260-2

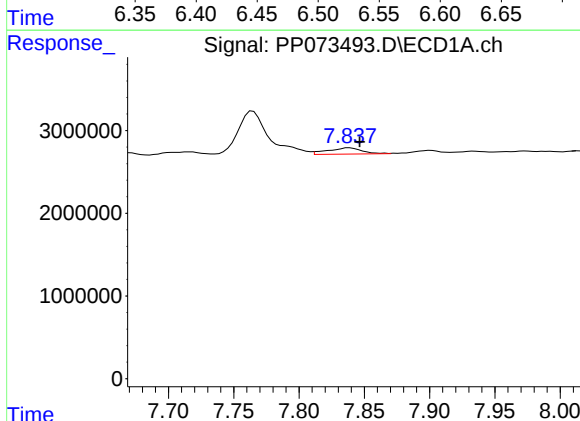
R.T.: 7.482 min
Delta R.T.: -0.006 min
Response: 4916535
Conc: 46.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2



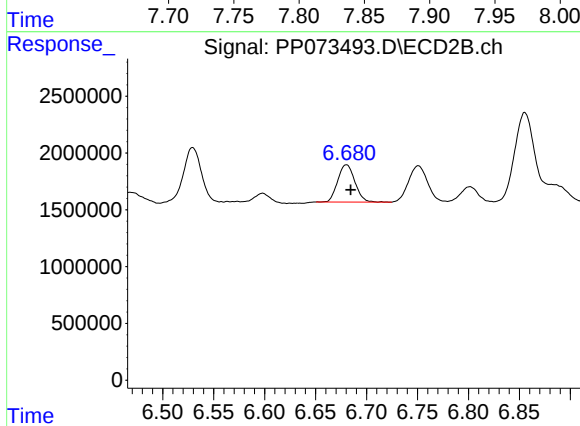
#32 AR-1260-2

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 5942850
Conc: 48.08 ng/ml



#33 AR-1260-3

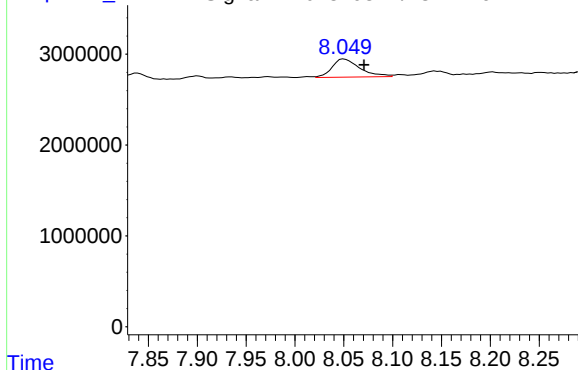
R.T.: 7.839 min
Delta R.T.: -0.008 min
Response: 1398077
Conc: 15.17 ng/ml



#33 AR-1260-3

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 3861704
Conc: 38.59 ng/ml

Response_ Signal: PP073493.D\ECD1A.ch

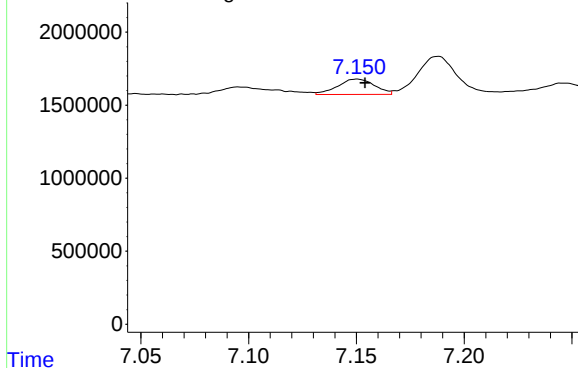


#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.021 min
Response: 3962190
Conc: 44.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S2

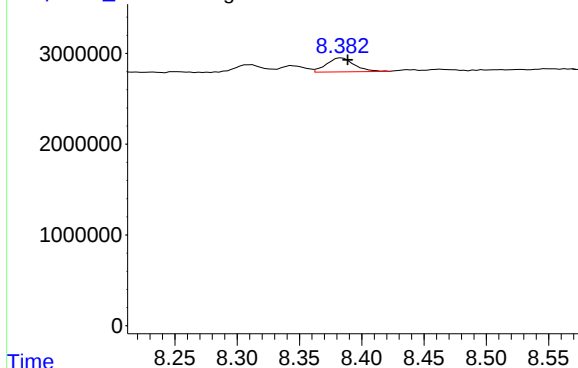
Response_ Signal: PP073493.D\ECD2B.ch



#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: -0.004 min
Response: 1241753
Conc: 14.30 ng/ml

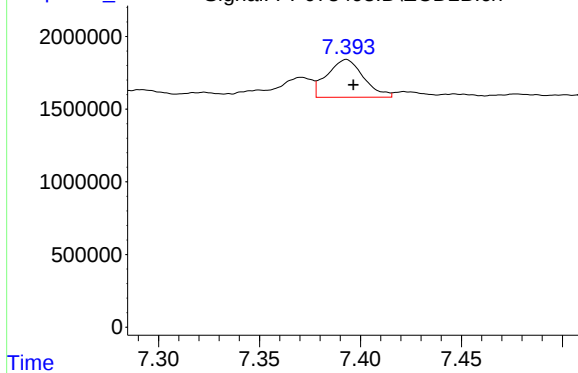
Response_ Signal: PP073493.D\ECD1A.ch



#35 AR-1260-5

R.T.: 8.384 min
Delta R.T.: -0.005 min
Response: 2379115
Conc: 12.07 ng/ml

Response_ Signal: PP073493.D\ECD2B.ch



#35 AR-1260-5

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 3257570
Conc: 14.93 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-B1	SDG No.:	Q2500
Lab Sample ID:	Q2500-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073494.D	1	07/03/25 08:05	07/03/25 12:32	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	17.9	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.9	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	17.9	ug/kg
12672-29-6	Aroclor-1248	6.20	U	6.20	17.9	ug/kg
11097-69-1	Aroclor-1254	23.5		3.40	17.9	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	17.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	17.9	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	17.9	ug/kg
Total PCBs	Total PCBs	23.5		3.40	17.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		32 - 175	96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 12:32
 Operator : YP\AJ
 Sample : Q2500-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-B1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 01:48:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.781	32529567	36016702	20.378	20.308
2) SA Decachlor...	10.179	8.786	25581544	26645885	18.003	19.258
Target Compounds						
26) L6 AR-1254-1	6.486	5.661	3632807	5018942	51.216	45.815
27) L6 AR-1254-2	6.702	5.809	5096730	6253156	49.416	64.478 #
28) L6 AR-1254-3	7.066	6.211	6126489	10044479	53.894	68.173 #
29) L6 AR-1254-4	7.350	6.439	5926541	4621419	59.571	51.221
30) L6 AR-1254-5	7.764	6.855	9379706	14018690	98.970	105.344
31) L7 AR-1260-1	7.229	6.341	3360277	5303413	47.120	57.472
32) L7 AR-1260-2	7.482	6.529	5564949	7838336	52.943	63.420
33) L7 AR-1260-3	7.838	6.679	1269242	4180713	13.773	41.776 #
34) L7 AR-1260-4	8.051	7.151	3890270	1075270	44.028	12.385 #
35) L7 AR-1260-5	8.383	7.393	1853537	2547446	9.403	11.677

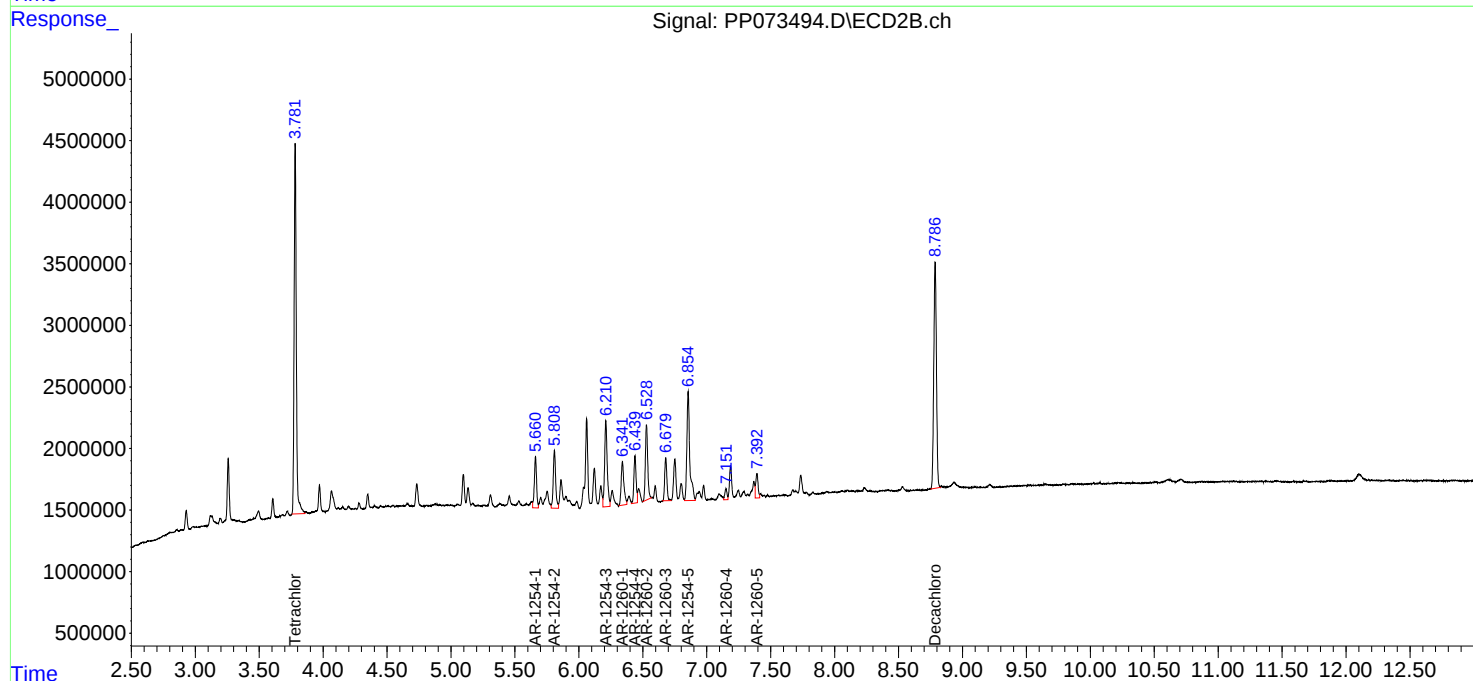
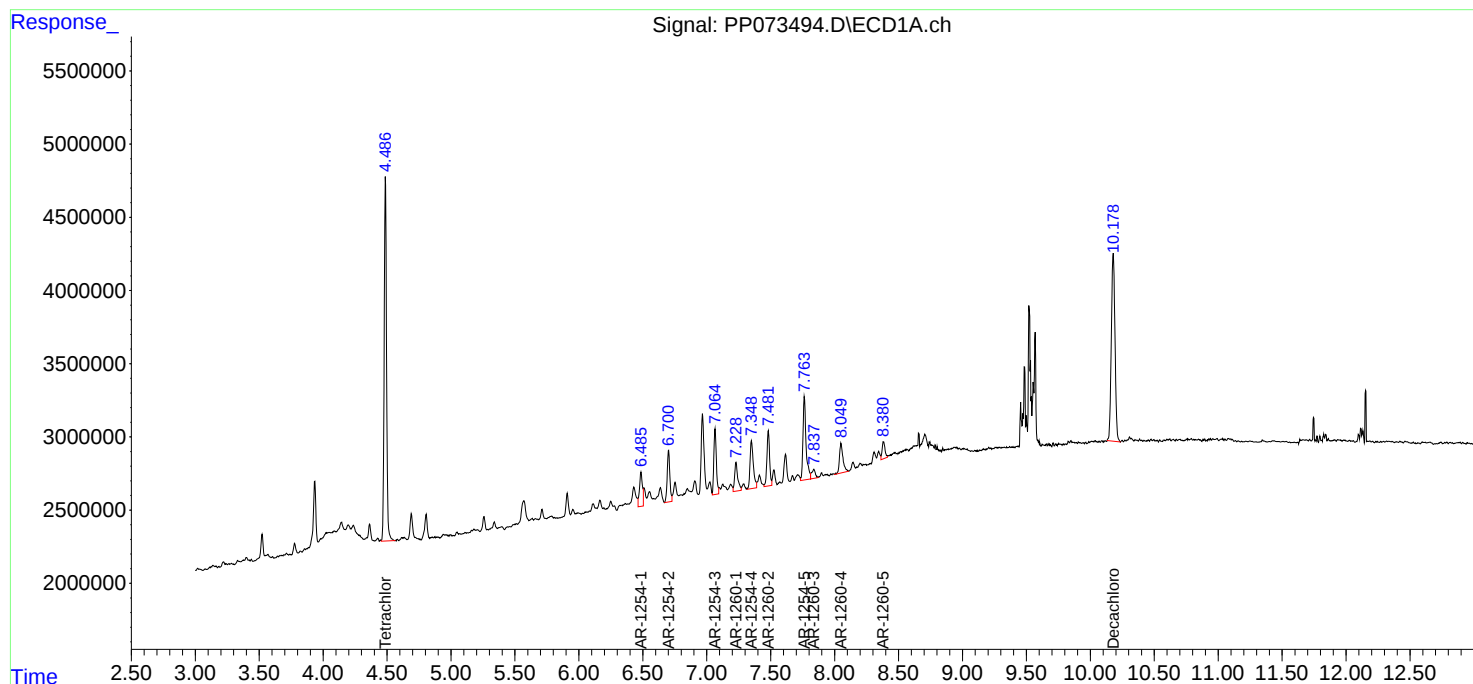
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

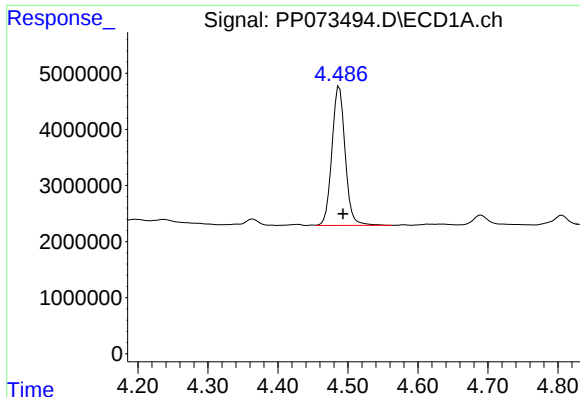
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 12:32
Operator : YP\AJ
Sample : Q2500-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-B1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 01:48:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

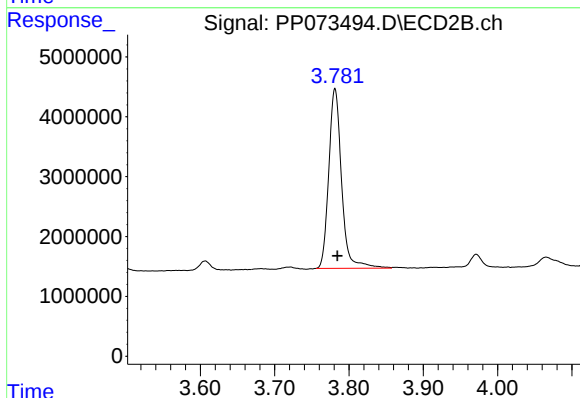




#1 Tetrachloro-m-xylene

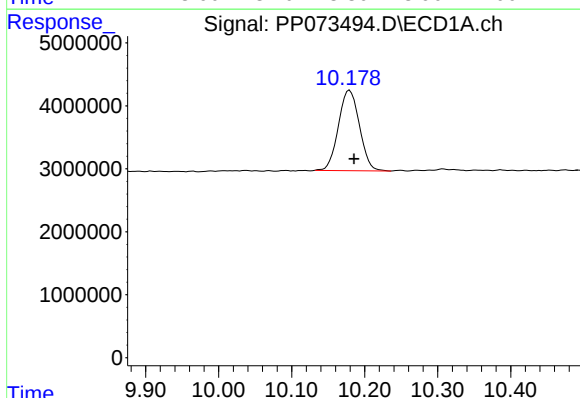
R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 32529567
Conc: 20.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1



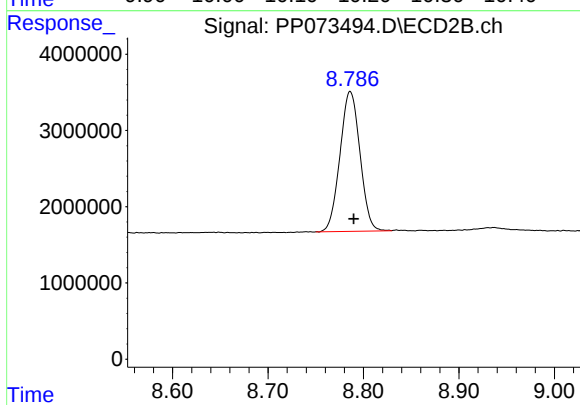
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 36016702
Conc: 20.31 ng/ml



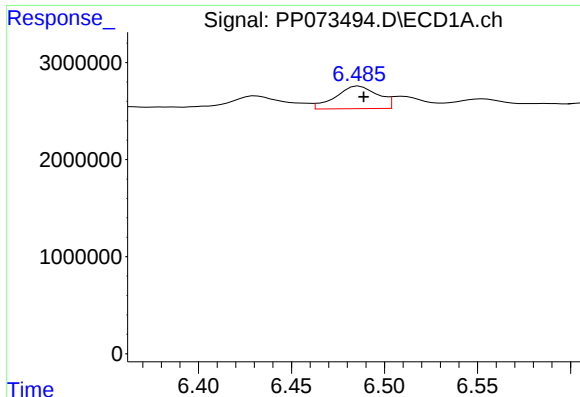
#2 Decachlorobiphenyl

R.T.: 10.179 min
Delta R.T.: -0.006 min
Response: 25581544
Conc: 18.00 ng/ml



#2 Decachlorobiphenyl

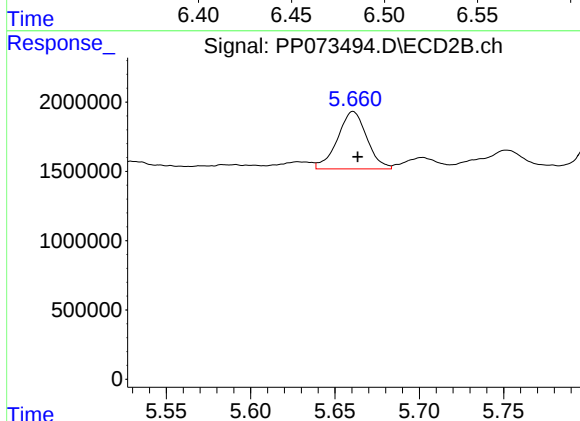
R.T.: 8.786 min
Delta R.T.: -0.004 min
Response: 26645885
Conc: 19.26 ng/ml



#26 AR-1254-1

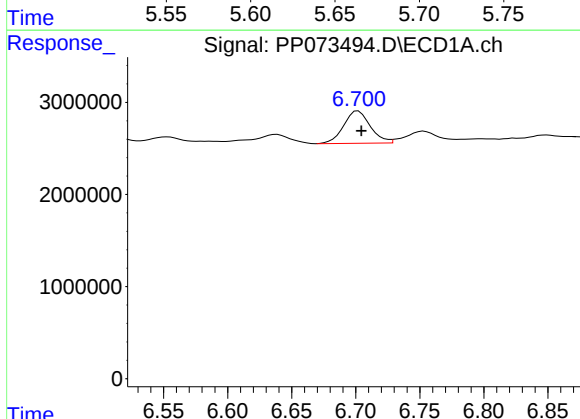
R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 3632807
Conc: 51.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1



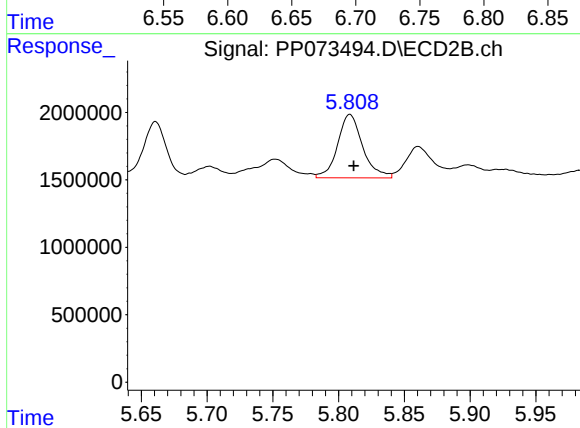
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: -0.003 min
Response: 5018942
Conc: 45.81 ng/ml



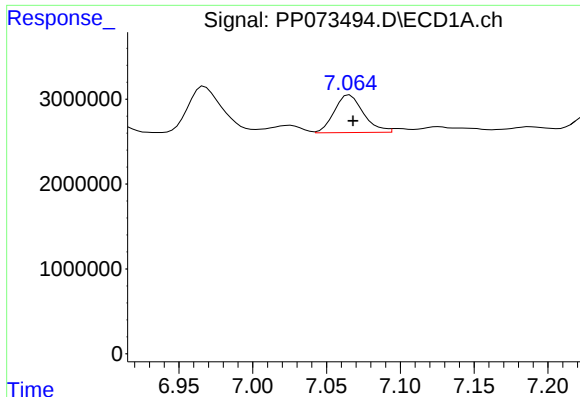
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 5096730
Conc: 49.42 ng/ml



#27 AR-1254-2

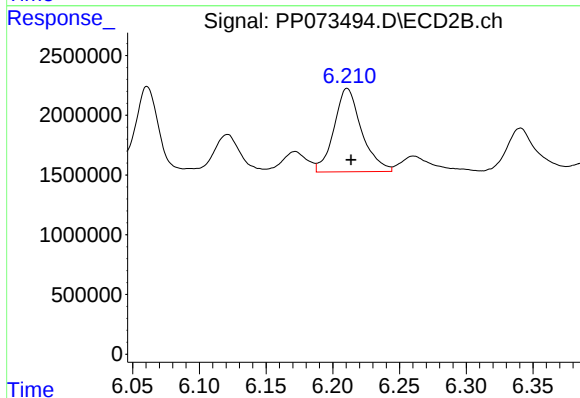
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 6253156
Conc: 64.48 ng/ml



#28 AR-1254-3

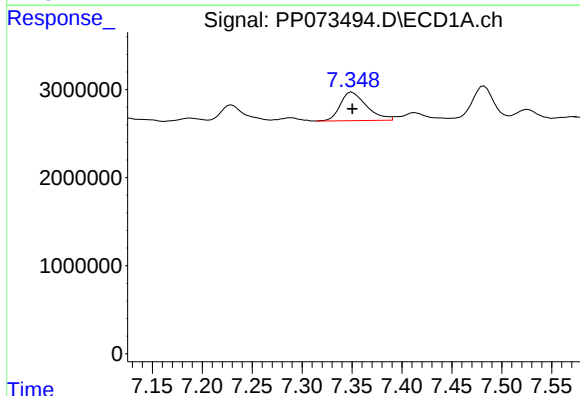
R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 6126489
Conc: 53.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1



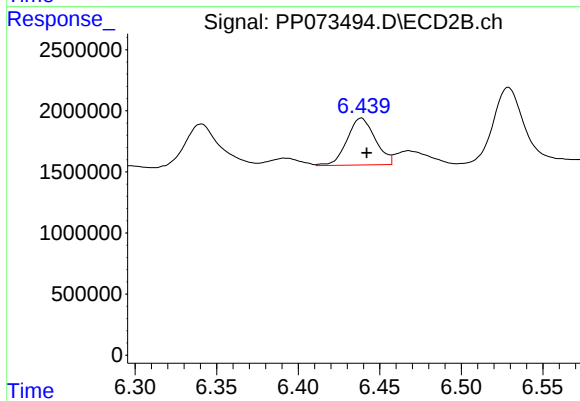
#28 AR-1254-3

R.T.: 6.211 min
Delta R.T.: -0.003 min
Response: 10044479
Conc: 68.17 ng/ml



#29 AR-1254-4

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 5926541
Conc: 59.57 ng/ml

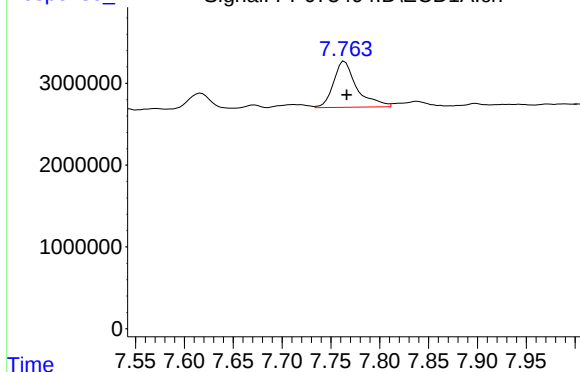


#29 AR-1254-4

R.T.: 6.439 min
Delta R.T.: -0.003 min
Response: 4621419
Conc: 51.22 ng/ml

Response_ Signal: PP073494.D\ECD1A.ch

#30 AR-1254-5

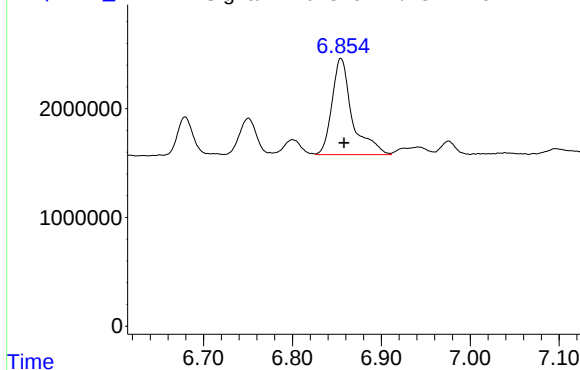


R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 9379706
Conc: 98.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1

Response_ Signal: PP073494.D\ECD2B.ch

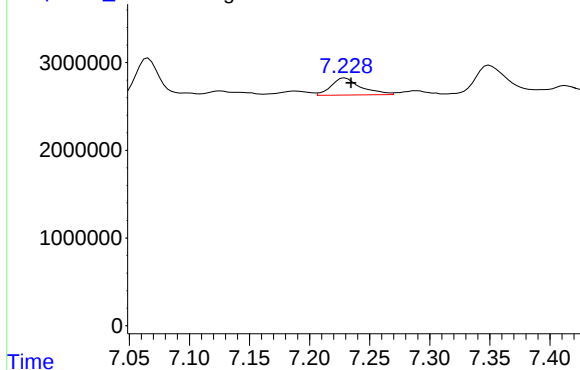
#30 AR-1254-5



R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 14018690
Conc: 105.34 ng/ml

Response_ Signal: PP073494.D\ECD1A.ch

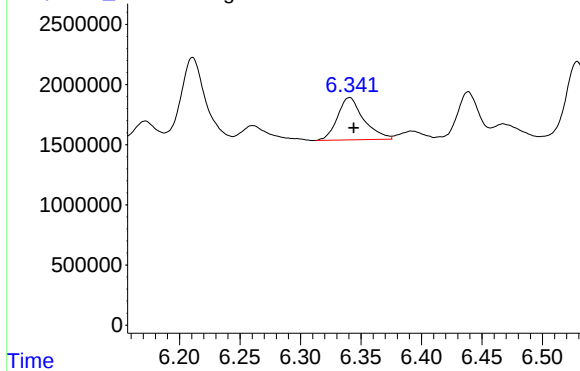
#31 AR-1260-1



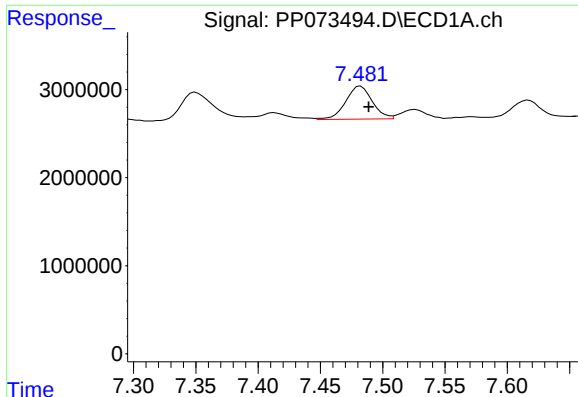
R.T.: 7.229 min
Delta R.T.: -0.005 min
Response: 3360277
Conc: 47.12 ng/ml

Response_ Signal: PP073494.D\ECD2B.ch

#31 AR-1260-1



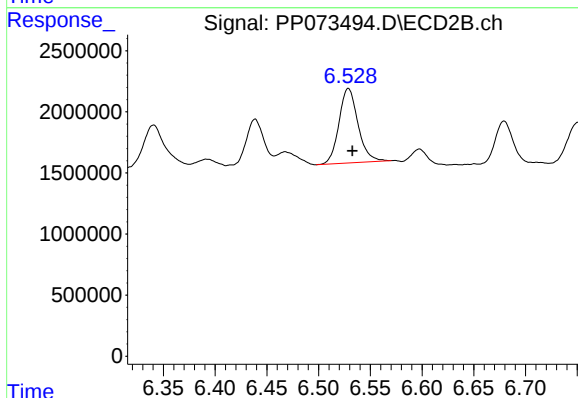
R.T.: 6.341 min
Delta R.T.: -0.004 min
Response: 5303413
Conc: 57.47 ng/ml



#32 AR-1260-2

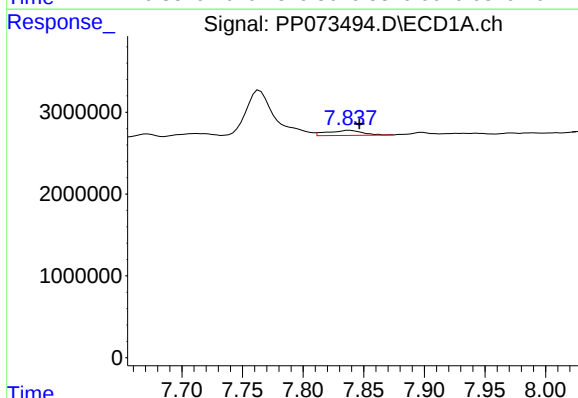
R.T.: 7.482 min
Delta R.T.: -0.006 min
Response: 5564949
Conc: 52.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1



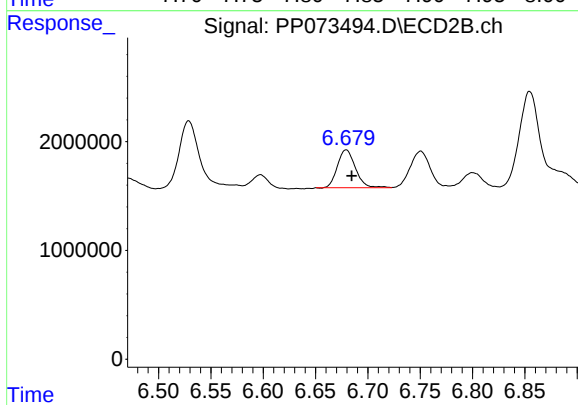
#32 AR-1260-2

R.T.: 6.529 min
Delta R.T.: -0.004 min
Response: 7838336
Conc: 63.42 ng/ml



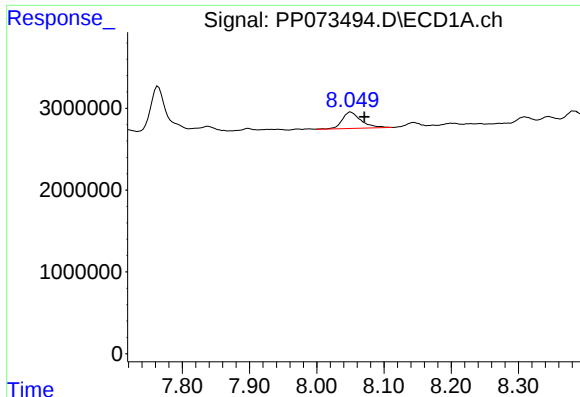
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.008 min
Response: 1269242
Conc: 13.77 ng/ml



#33 AR-1260-3

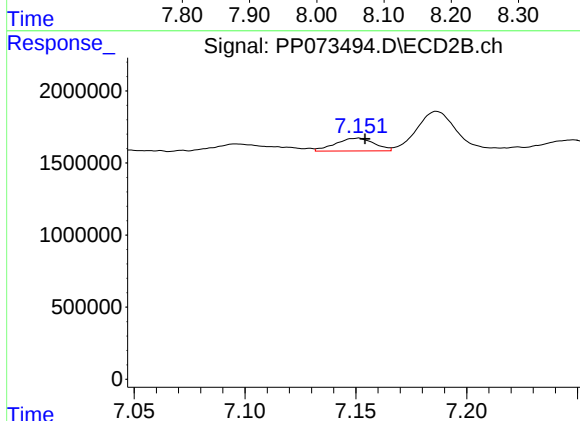
R.T.: 6.679 min
Delta R.T.: -0.005 min
Response: 4180713
Conc: 41.78 ng/ml



#34 AR-1260-4

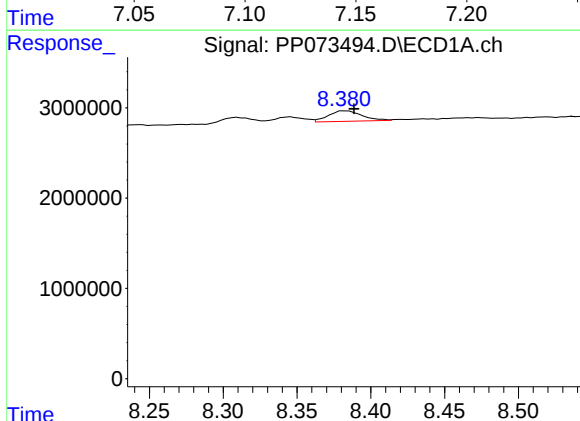
R.T.: 8.051 min
Delta R.T.: -0.020 min
Response: 3890270
Conc: 44.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-B1



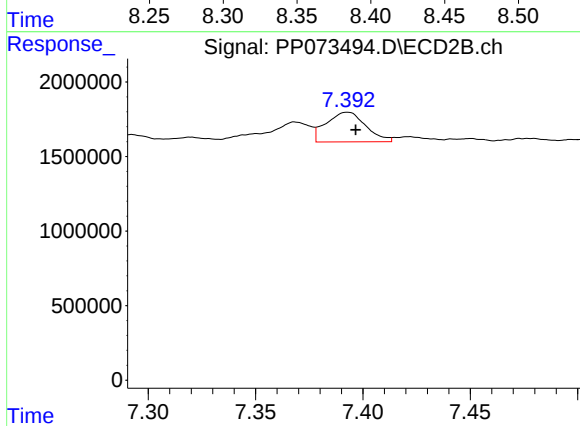
#34 AR-1260-4

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 1075270
Conc: 12.39 ng/ml



#35 AR-1260-5

R.T.: 8.383 min
Delta R.T.: -0.006 min
Response: 1853537
Conc: 9.40 ng/ml



#35 AR-1260-5

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 2547446
Conc: 11.68 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-S1	SDG No.:	Q2500
Lab Sample ID:	Q2500-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073495.D	1	07/03/25 08:05	07/03/25 12:48	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	34.2		3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
Total PCBs	Total PCBs	34.2		3.50	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	83%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 12:48
 Operator : YP\AJ
 Sample : Q2500-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-S1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 01:49:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.488	3.783	30916726	33414894	19.368	18.841
2)	SA Decachlor...	10.180	8.788	22729213	22889125	15.995	16.543
Target Compounds							
26)	L6 AR-1254-1	6.486	5.662	2499709	3116537	35.241	28.449
27)	L6 AR-1254-2	6.702	5.810	3318024	5252025	32.170	54.155 #
28)	L6 AR-1254-3	7.067	6.212	6735060	10050281	59.247	68.212
29)	L6 AR-1254-4	7.350	6.440	6032718	4676208	60.639	51.828
30)	L6 AR-1254-5	7.767	6.855	26949643	34815035	284.359	261.619
31)	L7 AR-1260-1	7.230	6.342	5146696	6537142	72.170	70.841
32)	L7 AR-1260-2	7.482	6.531	13855006	12050266	131.813	97.499 #
33)	L7 AR-1260-3	7.841	6.681	2663202	5324342	28.899	53.204 #
34)	L7 AR-1260-4	8.052	7.151	8040002	2171048	90.993	25.007 #
35)	L7 AR-1260-5	8.384	7.393	3926295	5550259	19.917	25.441 #

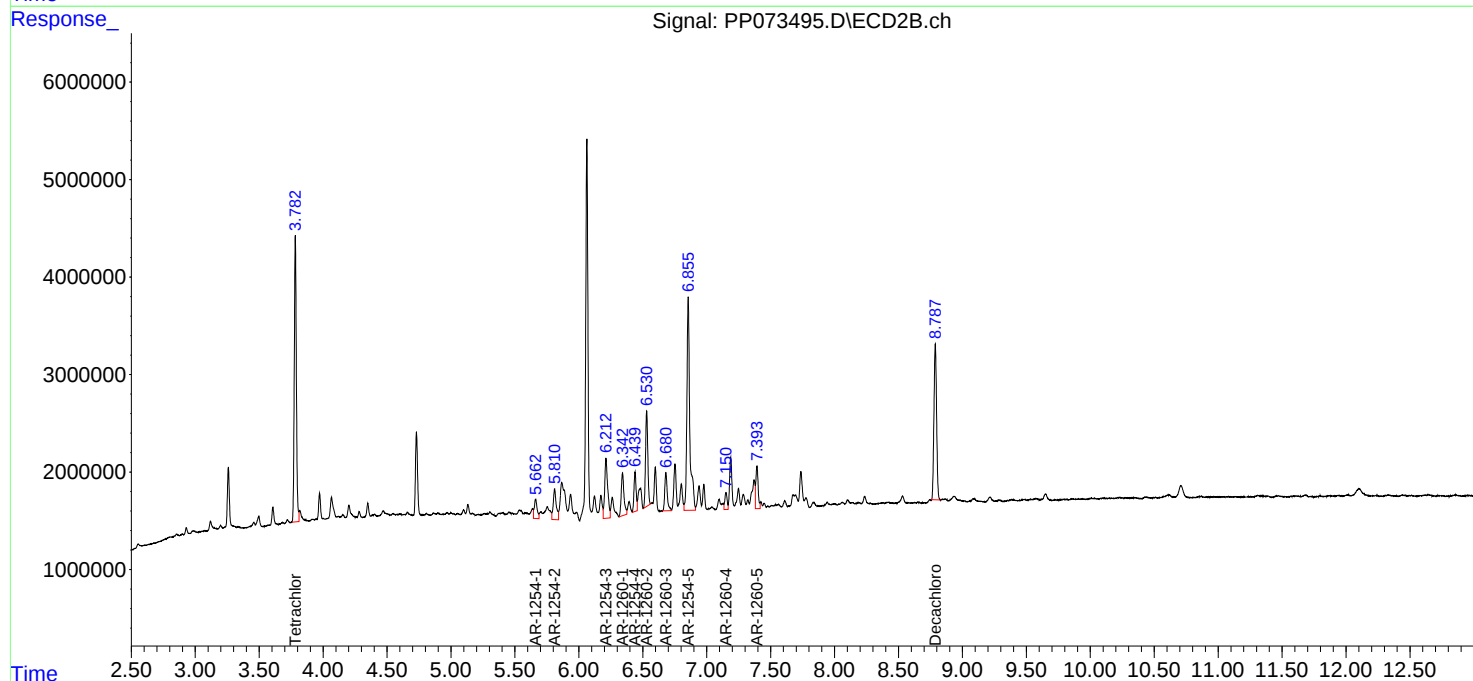
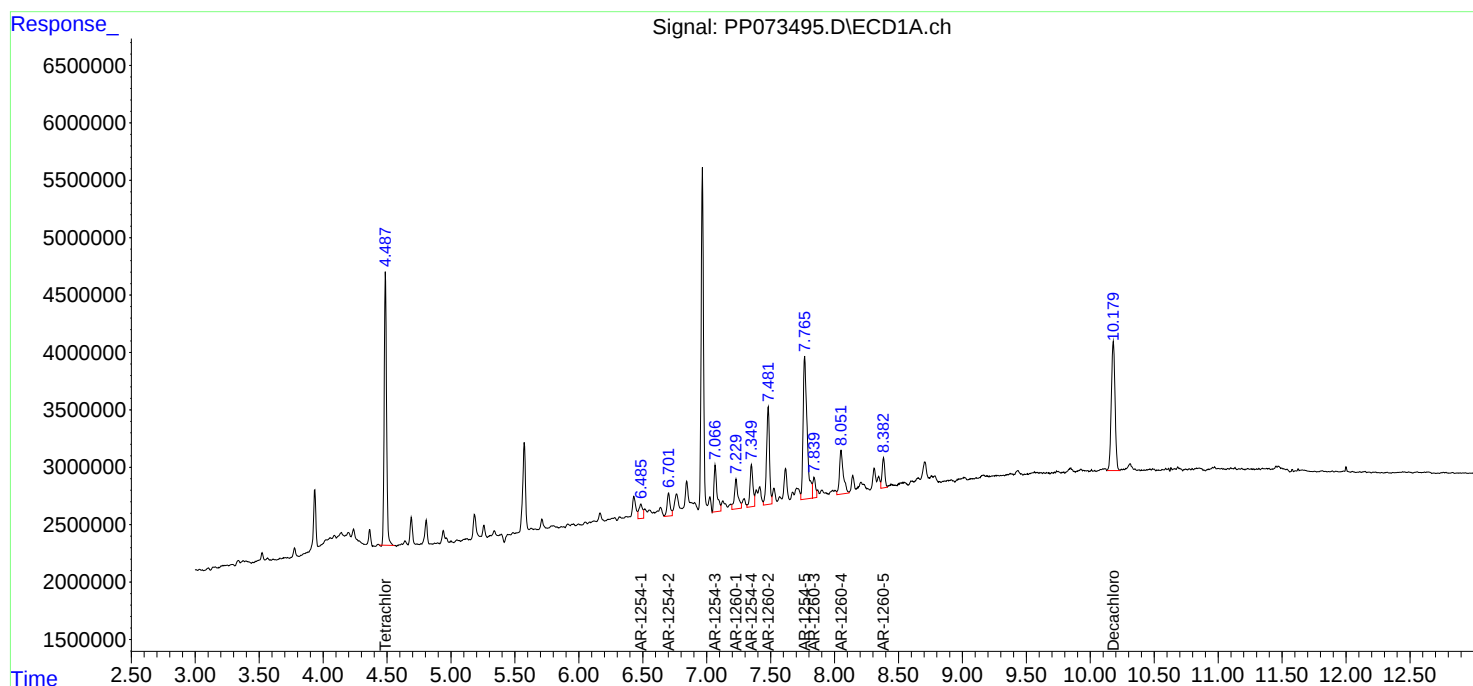
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

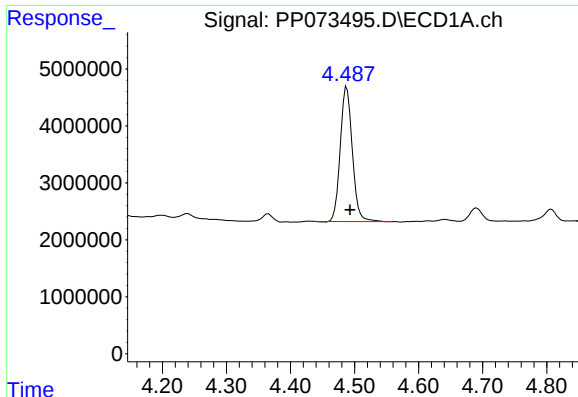
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 12:48
Operator : YP\AJ
Sample : Q2500-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-S1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 01:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

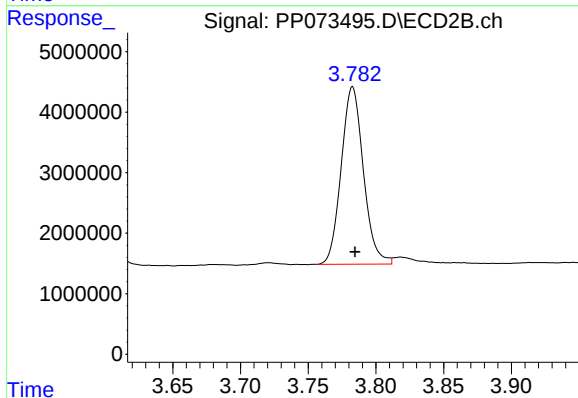




#1 Tetrachloro-m-xylene

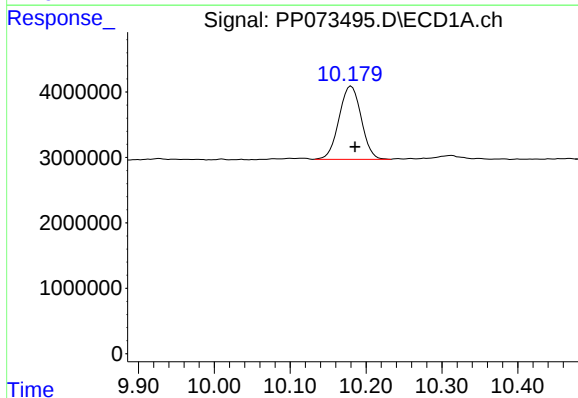
R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 30916726
Conc: 19.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1



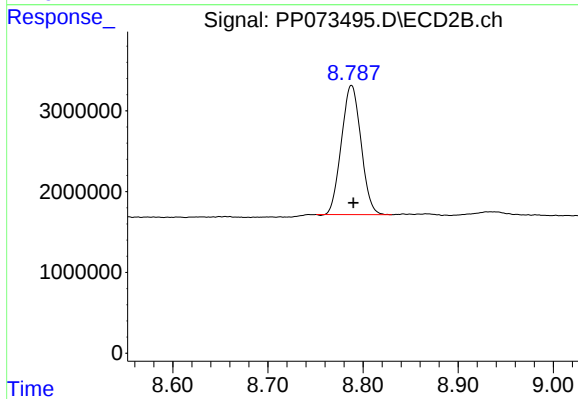
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 33414894
Conc: 18.84 ng/ml



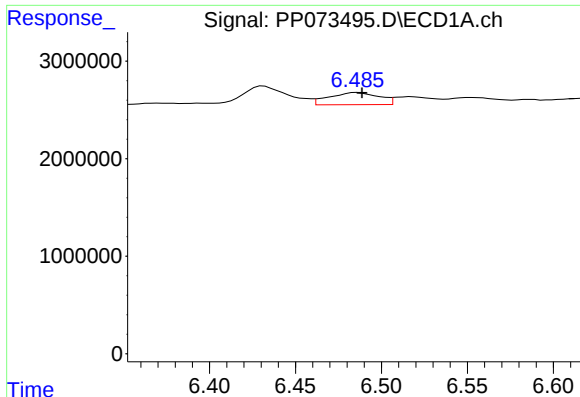
#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.005 min
Response: 22729213
Conc: 16.00 ng/ml



#2 Decachlorobiphenyl

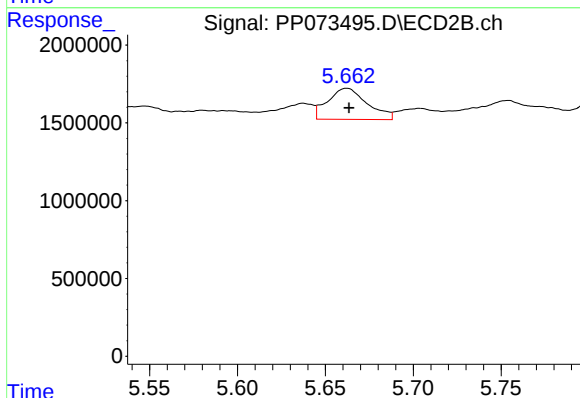
R.T.: 8.788 min
Delta R.T.: -0.002 min
Response: 22889125
Conc: 16.54 ng/ml



#26 AR-1254-1

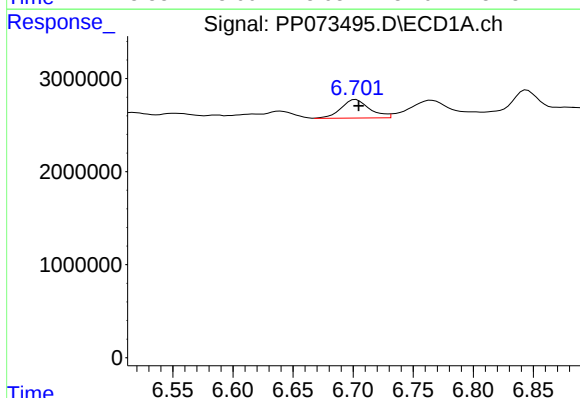
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 2499709
Conc: 35.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1



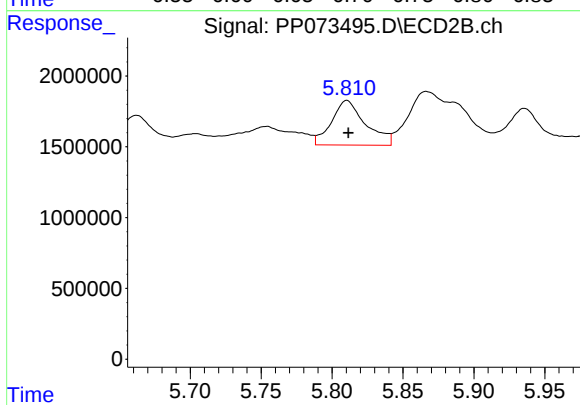
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: -0.001 min
Response: 3116537
Conc: 28.45 ng/ml



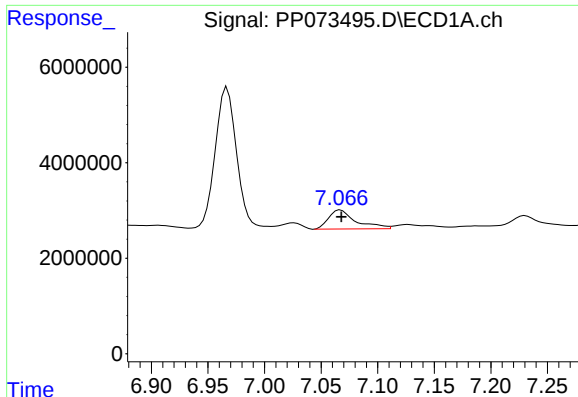
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 3318024
Conc: 32.17 ng/ml



#27 AR-1254-2

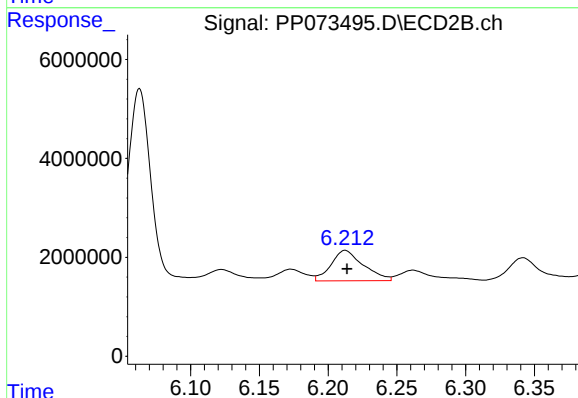
R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 5252025
Conc: 54.15 ng/ml



#28 AR-1254-3

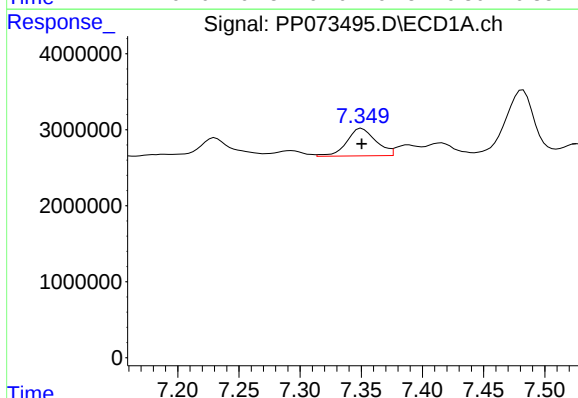
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 6735060
Conc: 59.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1



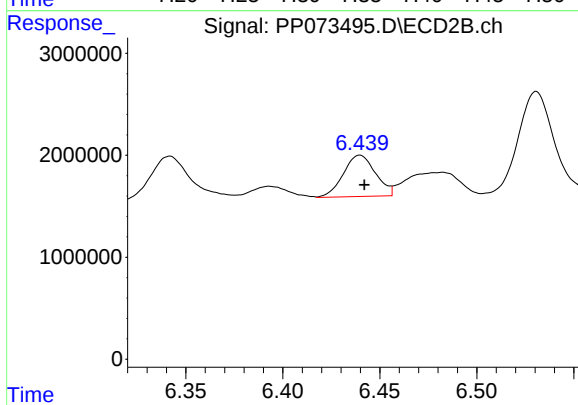
#28 AR-1254-3

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 10050281
Conc: 68.21 ng/ml



#29 AR-1254-4

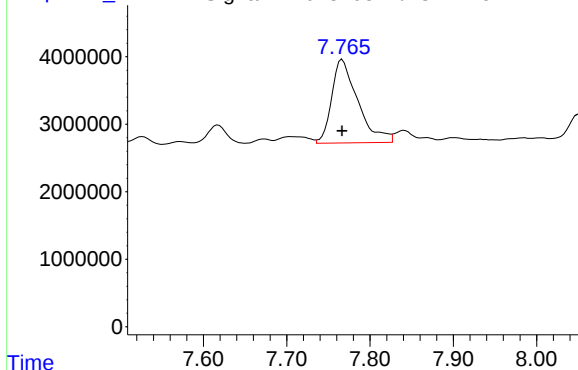
R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 6032718
Conc: 60.64 ng/ml



#29 AR-1254-4

R.T.: 6.440 min
Delta R.T.: -0.002 min
Response: 4676208
Conc: 51.83 ng/ml

Response_ Signal: PP073495.D\ECD1A.ch

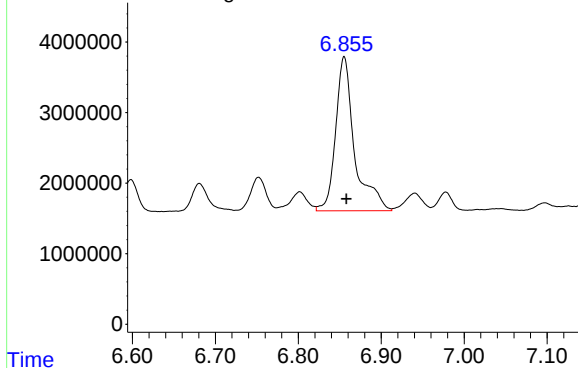


#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 26949643
Conc: 284.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1

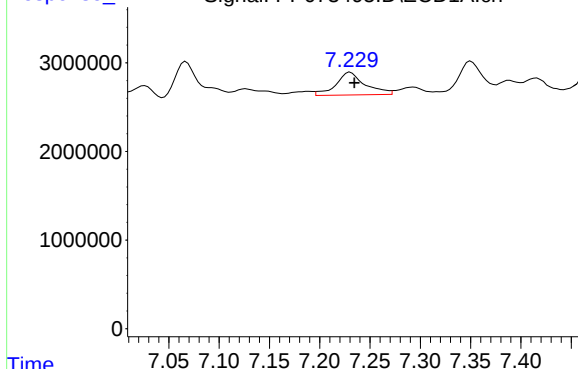
Response_ Signal: PP073495.D\ECD2B.ch



#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 34815035
Conc: 261.62 ng/ml

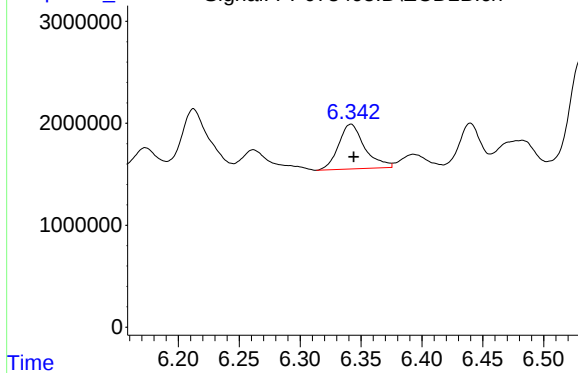
Response_ Signal: PP073495.D\ECD1A.ch



#31 AR-1260-1

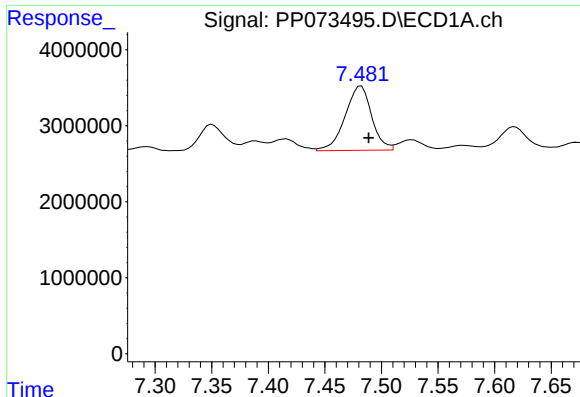
R.T.: 7.230 min
Delta R.T.: -0.004 min
Response: 5146696
Conc: 72.17 ng/ml

Response_ Signal: PP073495.D\ECD2B.ch



#31 AR-1260-1

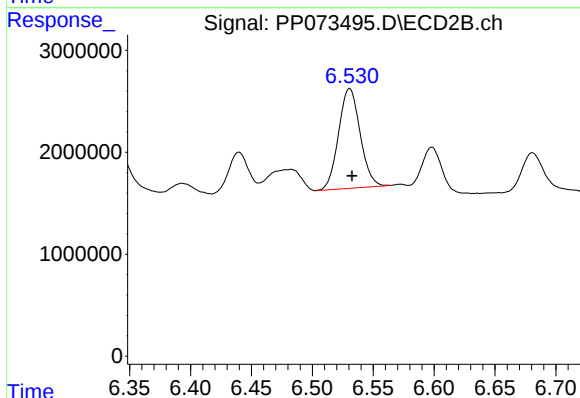
R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 6537142
Conc: 70.84 ng/ml



#32 AR-1260-2

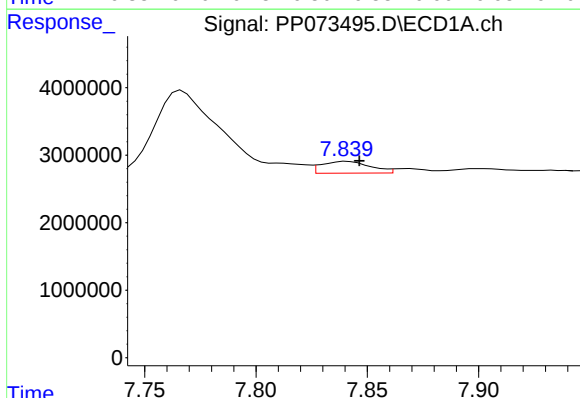
R.T.: 7.482 min
Delta R.T.: -0.007 min
Response: 13855006
Conc: 131.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1



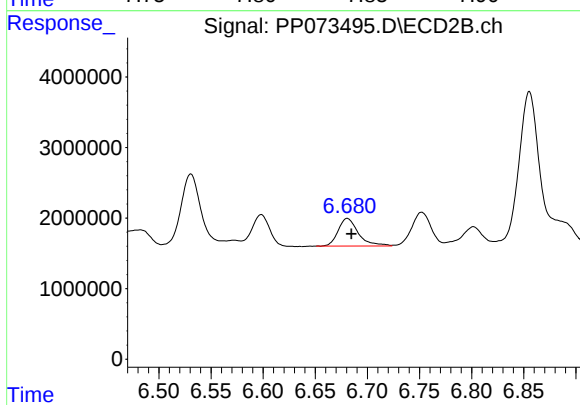
#32 AR-1260-2

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 12050266
Conc: 97.50 ng/ml



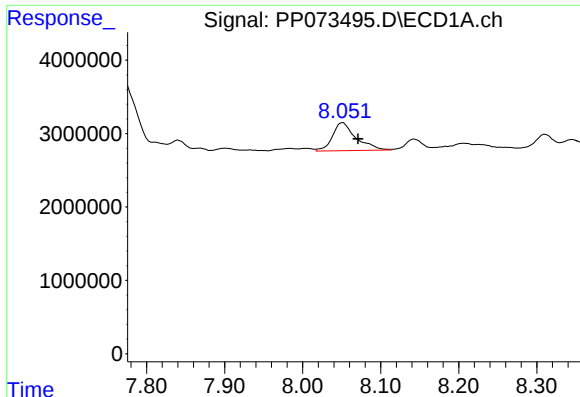
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 2663202
Conc: 28.90 ng/ml



#33 AR-1260-3

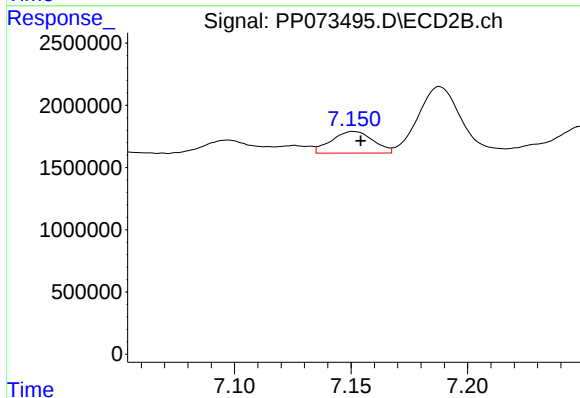
R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 5324342
Conc: 53.20 ng/ml



#34 AR-1260-4

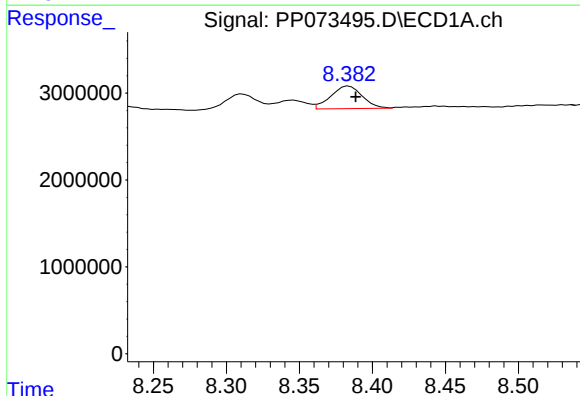
R.T.: 8.052 min
Delta R.T.: -0.019 min
Response: 8040002
Conc: 90.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S1



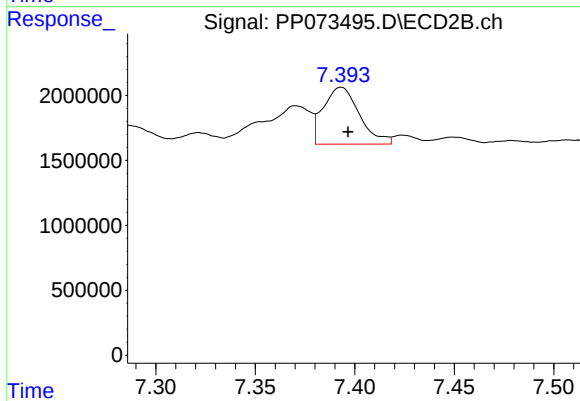
#34 AR-1260-4

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 2171048
Conc: 25.01 ng/ml



#35 AR-1260-5

R.T.: 8.384 min
Delta R.T.: -0.005 min
Response: 3926295
Conc: 19.92 ng/ml



#35 AR-1260-5

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 5550259
Conc: 25.44 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-DUP1	SDG No.:	Q2500
Lab Sample ID:	Q2500-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073496.D	1	07/03/25 08:05	07/03/25 13:04	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.1	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.1	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.1	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.1	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.1	ug/kg
11097-69-1	Aroclor-1254	52.5		3.40	18.1	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.1	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.1	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.1	ug/kg
Total PCBs	Total PCBs	52.5		3.40	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		32 - 144	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 13:04
 Operator : YP\AJ
 Sample : Q2500-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-DUP1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 01:54:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.782	34398452	28778388	21.549	16.227
2) SA Decachlor...	10.179	8.787	22976498	22329134	16.169	16.138
Target Compounds						
26) L6 AR-1254-1	6.485	5.661	5495296	4838509	77.473	44.168 #
27) L6 AR-1254-2	6.702	5.810	9386589	7539733	91.009	77.744
28) L6 AR-1254-3	7.067	6.212	14469643	13879471	127.287	94.201 #
29) L6 AR-1254-4	7.349	6.438	11625893	8727810	116.859	96.734
30) L6 AR-1254-5	7.765	6.855	55601871	50942657	586.682	382.810 #
31) L7 AR-1260-1	7.231	6.341	7976823	9654732	111.856	104.626
32) L7 AR-1260-2	7.483	6.531	25901701	25570006	246.422	206.887
33) L7 AR-1260-3	7.840	6.681	10132342	6315097	109.950	63.104 #
34) L7 AR-1260-4	8.080	7.150	3687118	4247036	41.729	48.919
35) L7 AR-1260-5	8.384	7.394	9215255	9397584	46.747	43.076

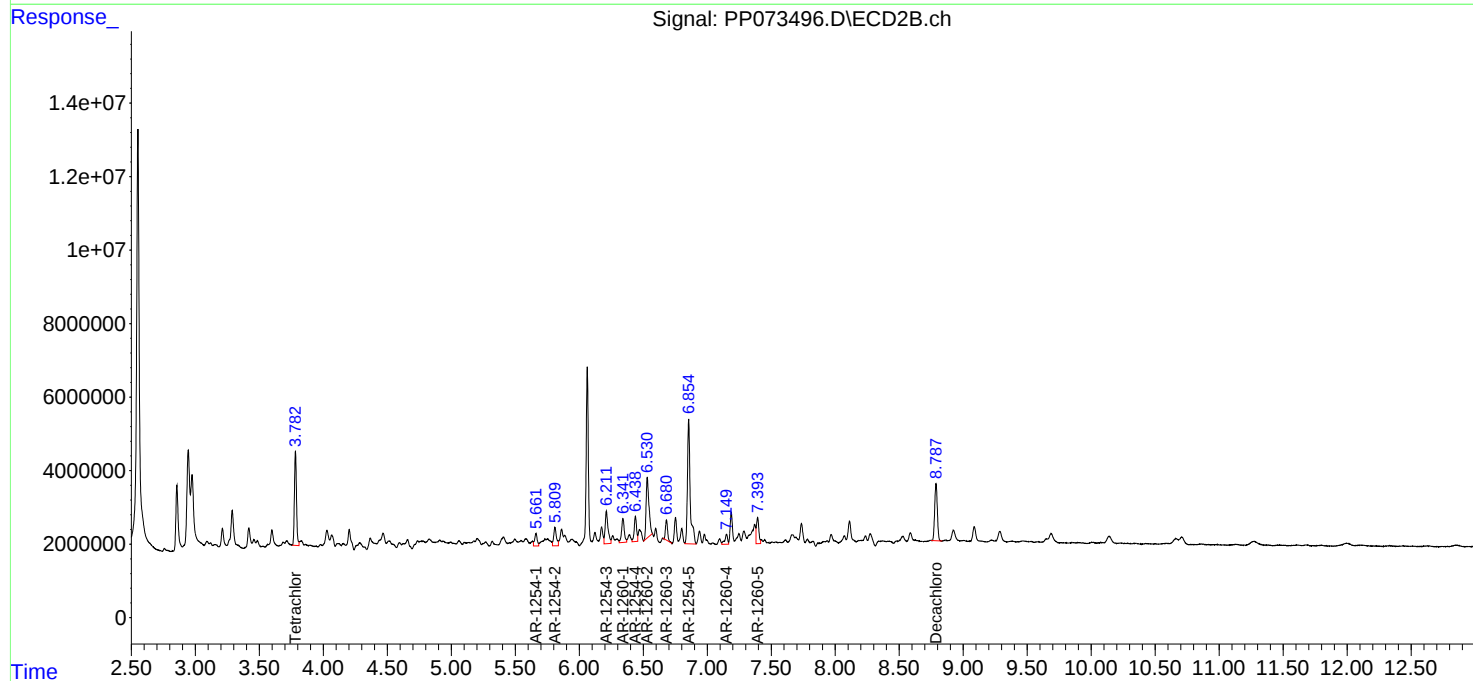
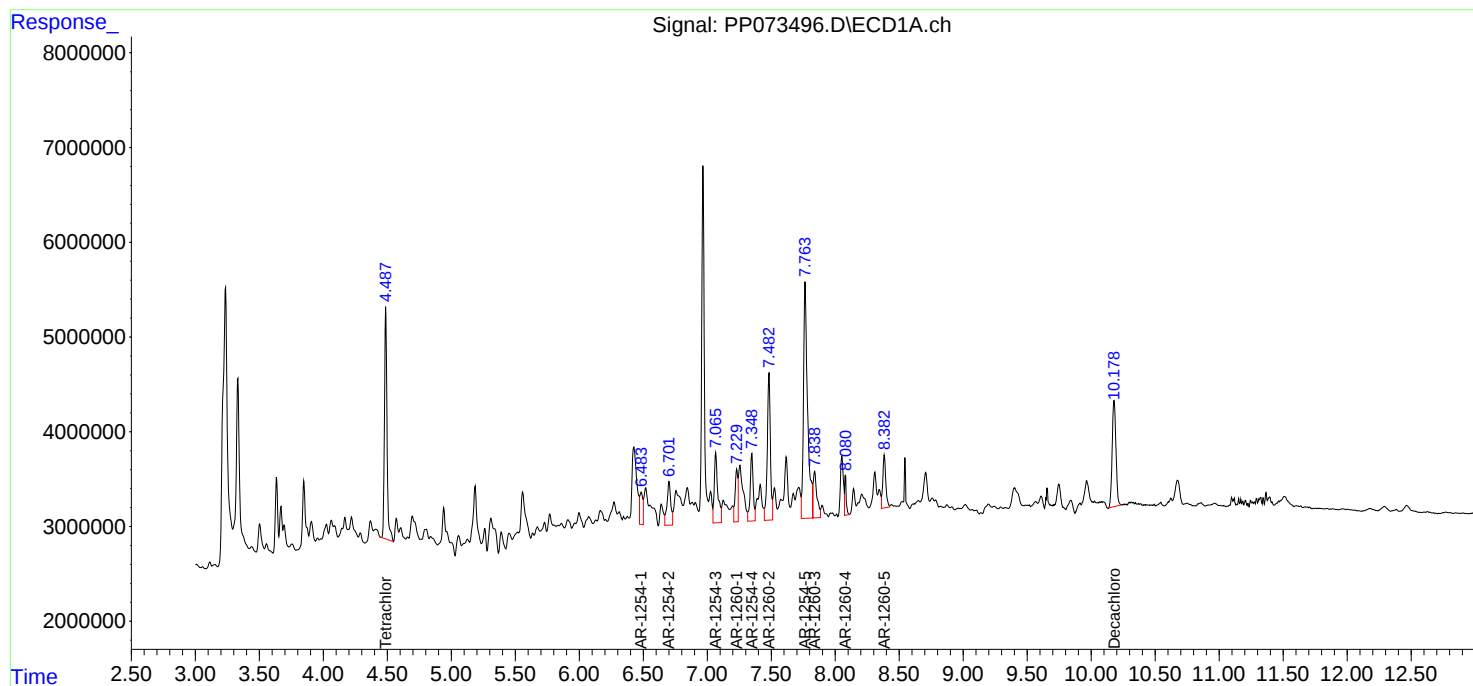
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

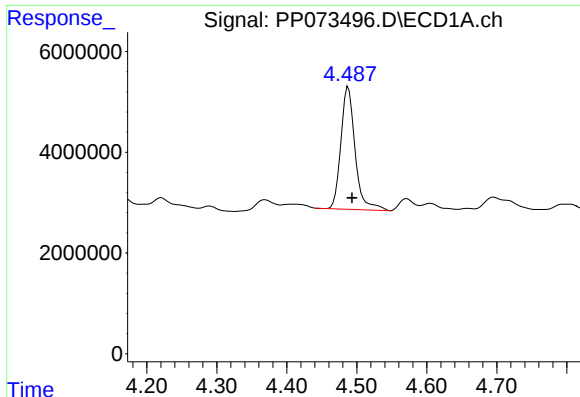
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 13:04
Operator : YP\AJ
Sample : Q2500-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-DUP1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 01:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

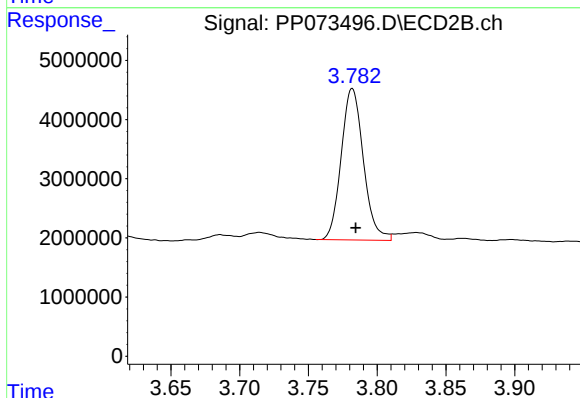




#1 Tetrachloro-m-xylene

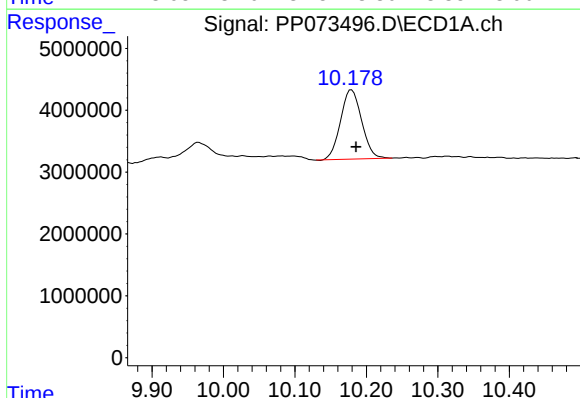
R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 34398452
Conc: 21.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1



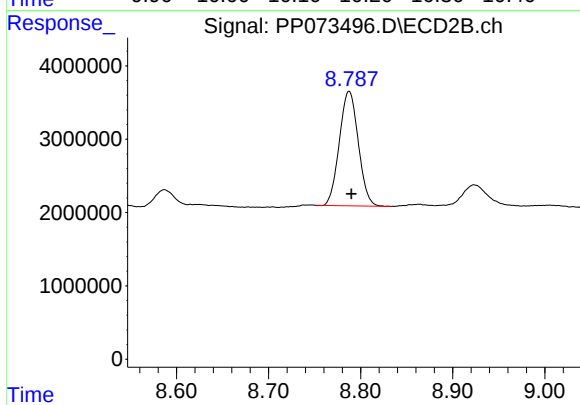
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 28778388
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

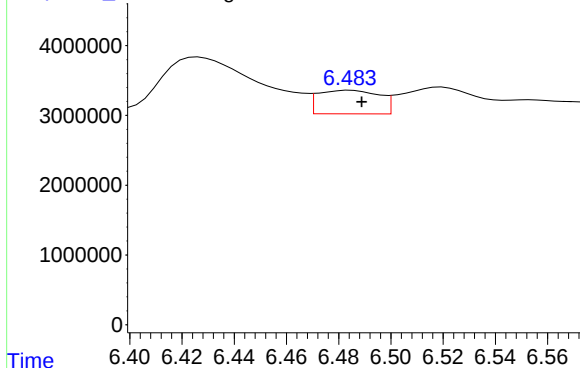
R.T.: 10.179 min
Delta R.T.: -0.007 min
Response: 22976498
Conc: 16.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.002 min
Response: 22329134
Conc: 16.14 ng/ml

Response_ Signal: PP073496.D\ECD1A.ch

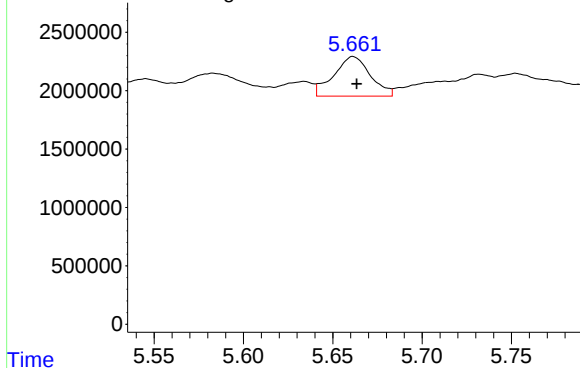


#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 5495296
Conc: 77.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1

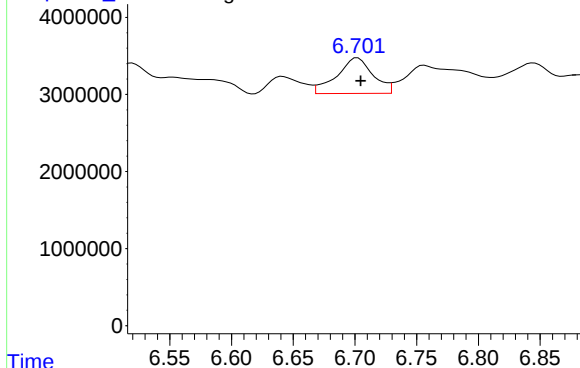
Response_ Signal: PP073496.D\ECD2B.ch



#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 4838509
Conc: 44.17 ng/ml

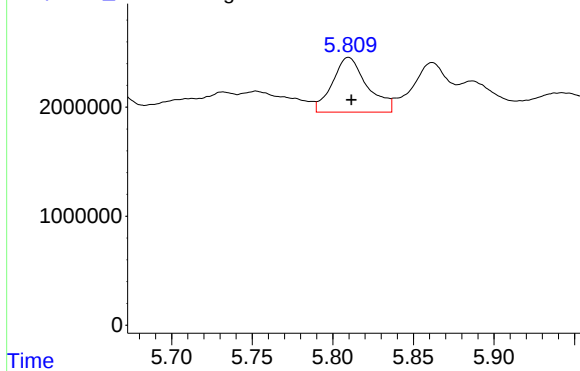
Response_ Signal: PP073496.D\ECD1A.ch



#27 AR-1254-2

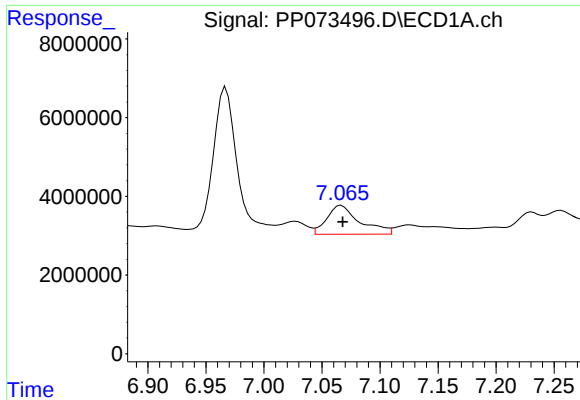
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 9386589
Conc: 91.01 ng/ml

Response_ Signal: PP073496.D\ECD2B.ch



#27 AR-1254-2

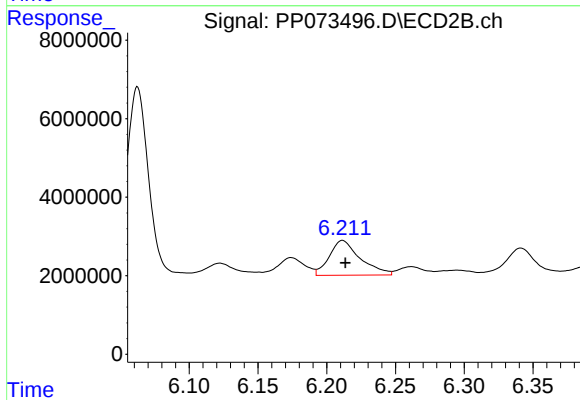
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 7539733
Conc: 77.74 ng/ml



#28 AR-1254-3

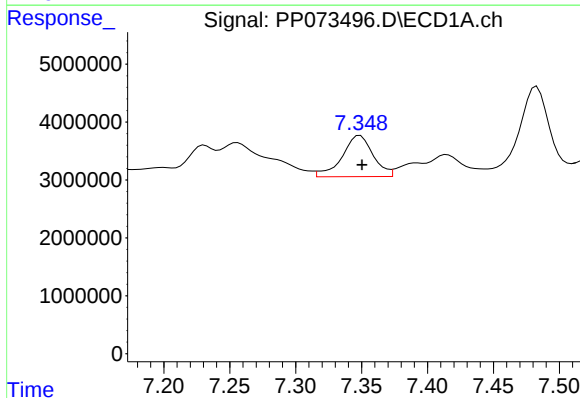
R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 14469643
Conc: 127.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1



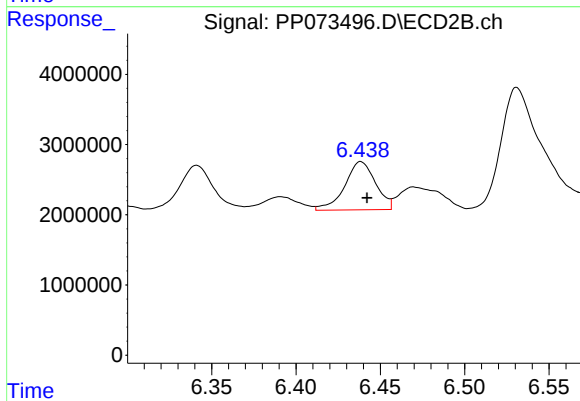
#28 AR-1254-3

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 13879471
Conc: 94.20 ng/ml



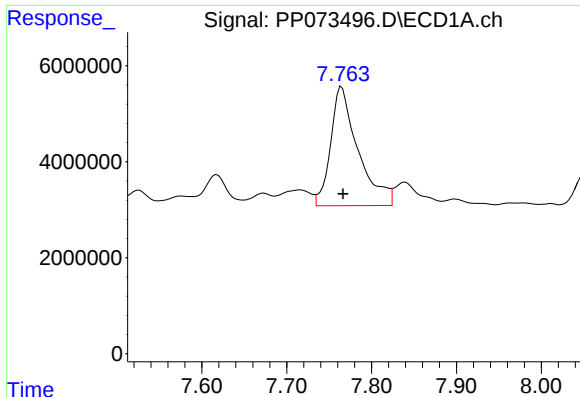
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 11625893
Conc: 116.86 ng/ml



#29 AR-1254-4

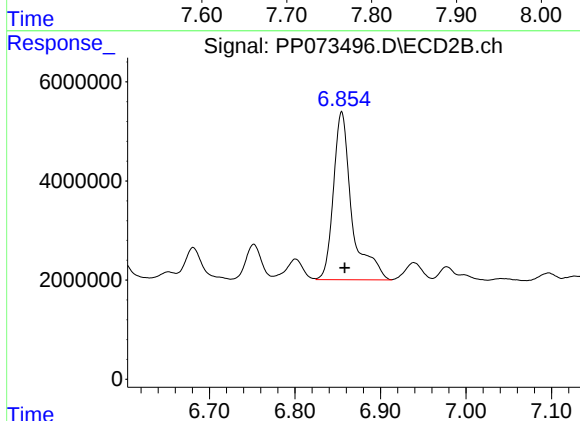
R.T.: 6.438 min
Delta R.T.: -0.004 min
Response: 8727810
Conc: 96.73 ng/ml



#30 AR-1254-5

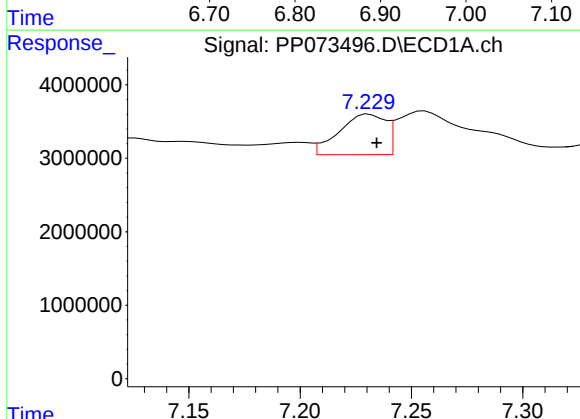
R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 55601871
Conc: 586.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1



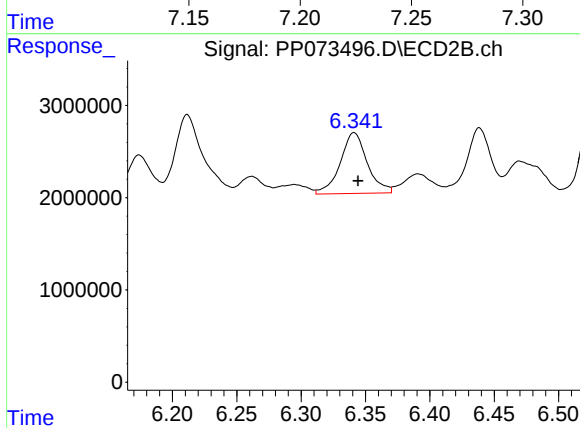
#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 50942657
Conc: 382.81 ng/ml



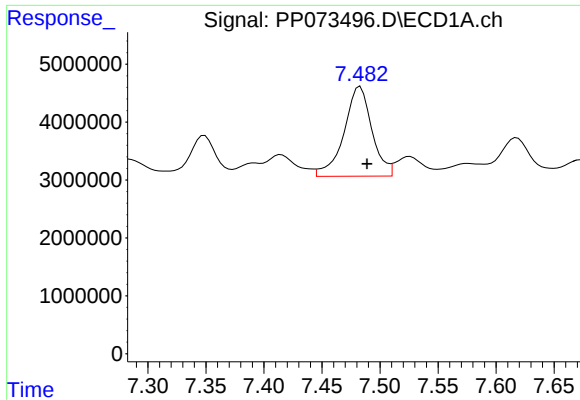
#31 AR-1260-1

R.T.: 7.231 min
Delta R.T.: -0.004 min
Response: 7976823
Conc: 111.86 ng/ml



#31 AR-1260-1

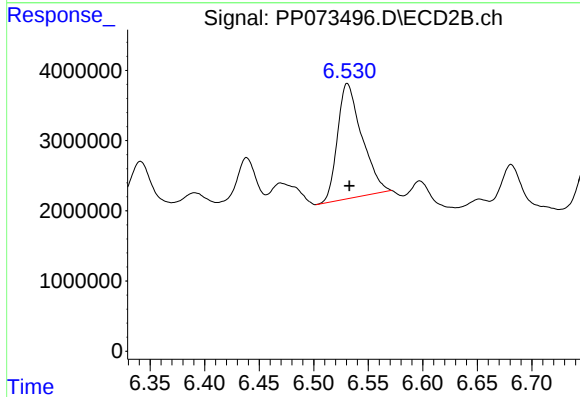
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 9654732
Conc: 104.63 ng/ml



#32 AR-1260-2

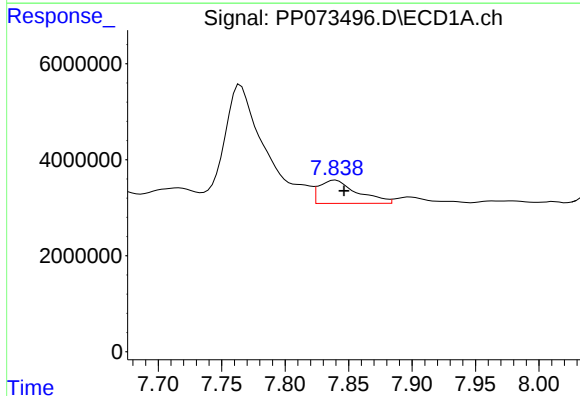
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 25901701
Conc: 246.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1



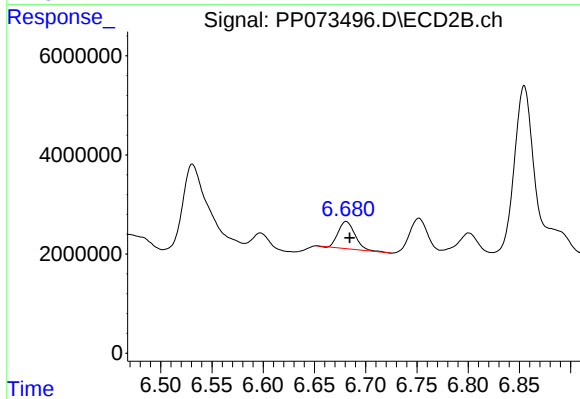
#32 AR-1260-2

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 25570006
Conc: 206.89 ng/ml



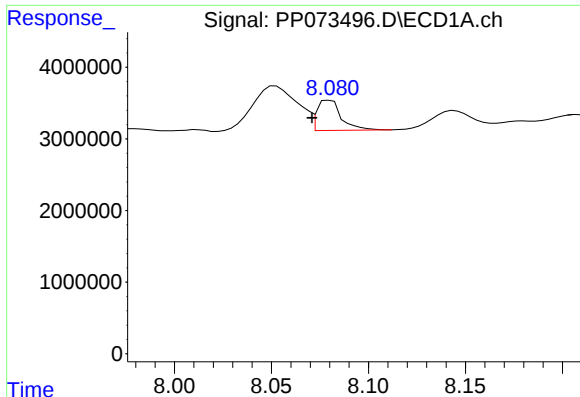
#33 AR-1260-3

R.T.: 7.840 min
Delta R.T.: -0.007 min
Response: 10132342
Conc: 109.95 ng/ml



#33 AR-1260-3

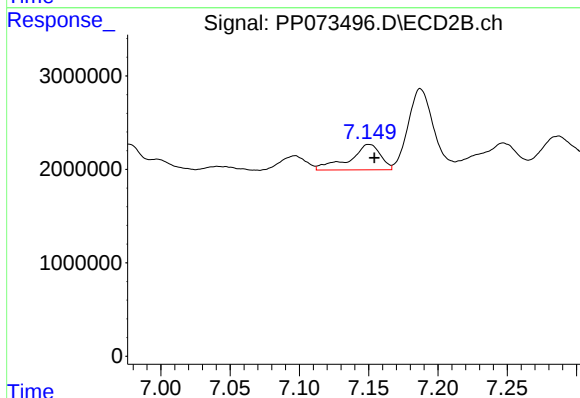
R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 6315097
Conc: 63.10 ng/ml



#34 AR-1260-4

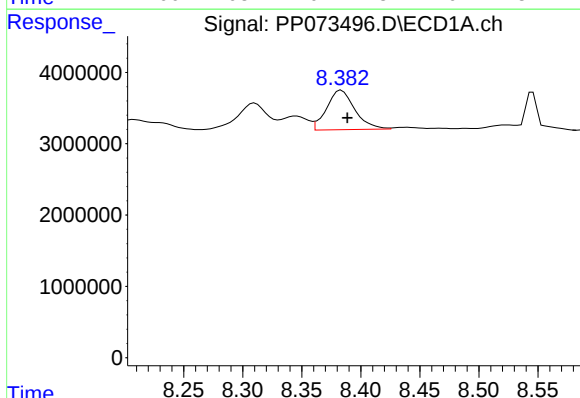
R.T.: 8.080 min
Delta R.T.: 0.009 min
Response: 3687118
Conc: 41.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-DUP1



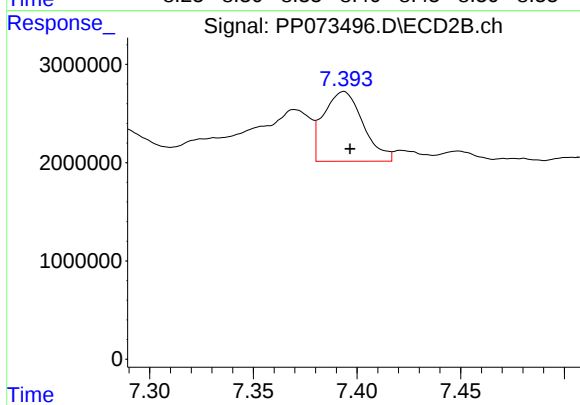
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: -0.004 min
Response: 4247036
Conc: 48.92 ng/ml



#35 AR-1260-5

R.T.: 8.384 min
Delta R.T.: -0.005 min
Response: 9215255
Conc: 46.75 ng/ml



#35 AR-1260-5

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 9397584
Conc: 43.08 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-S3	SDG No.:	Q2500
Lab Sample ID:	Q2500-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	94
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073497.D	1	07/03/25 08:05	07/03/25 13:20	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	18.0	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	18.0	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.0	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.0	ug/kg
11097-69-1	Aroclor-1254	5.00	J	3.40	18.0	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	18.0	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.0	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	18.0	ug/kg
Total PCBs	Total PCBs	5.00	J	3.40	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	83%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 13:20
 Operator : YP\AJ
 Sample : Q2500-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-S3

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 01:56:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.489	3.783	28917447	32913121	18.115	18.558
2)	SA Decachlor...	10.181	8.788	21828445	22865564	15.361	16.526
Target Compounds							
26)	L6 AR-1254-1	6.488	5.661	936217	834978	13.199m	7.622 #
27)	L6 AR-1254-2	6.702	5.810	1062635	1514621	10.303	15.618 #
28)	L6 AR-1254-3	7.067	6.214	1090135	1929008	9.590	13.092 #
29)	L6 AR-1254-4	7.349	6.442	1106956	1065679	11.127	11.811
30)	L6 AR-1254-5	7.763	6.855	2026629	2950619	21.384m	22.173
31)	L7 AR-1260-1	7.232	6.342	1311924	1796087	18.397	19.464
32)	L7 AR-1260-2	7.485	6.531	1537478	2207745	14.627	17.863
33)	L7 AR-1260-3	7.841	6.682	772350	1183628	8.381	11.828 #
34)	L7 AR-1260-4	8.069	7.152	1234628	879917	13.973	10.135 #
35)	L7 AR-1260-5	8.384	7.394	2272445	2209662	11.528	10.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 13:20
Operator : YP\AJ
Sample : Q2500-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

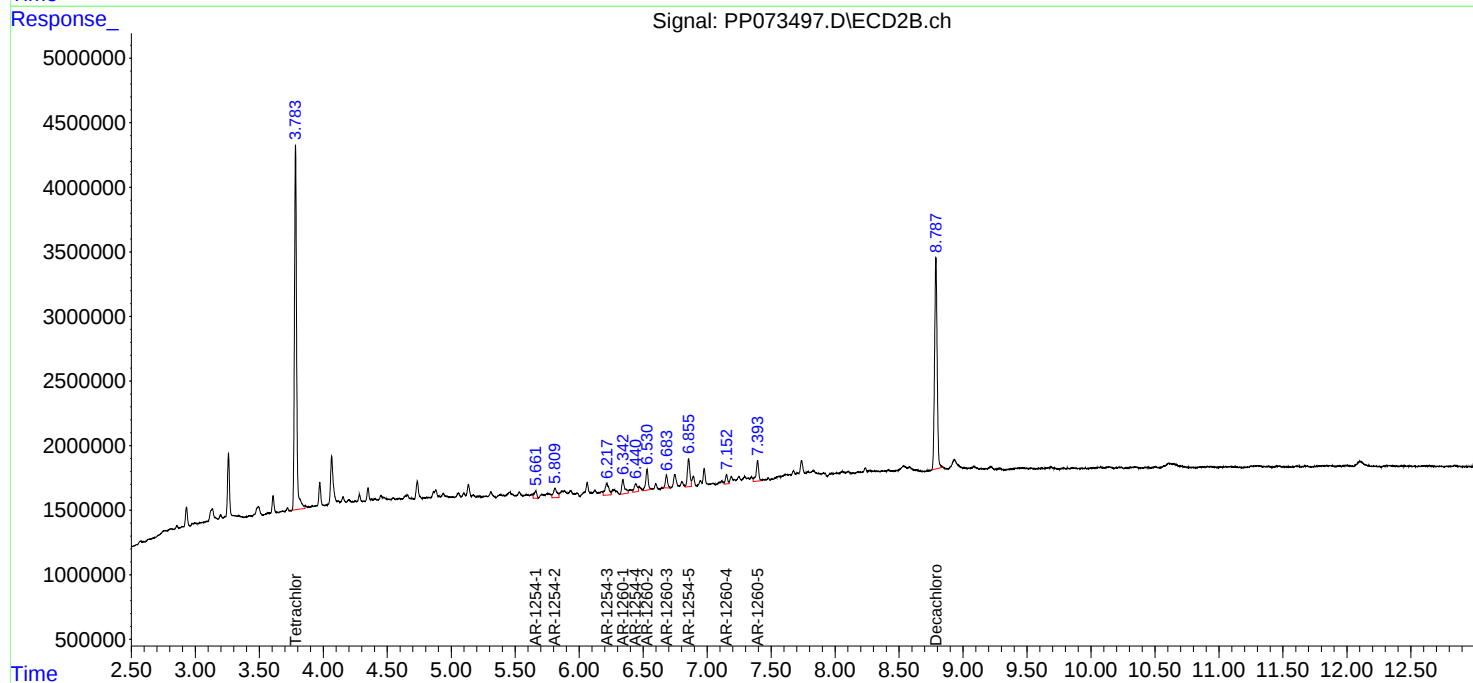
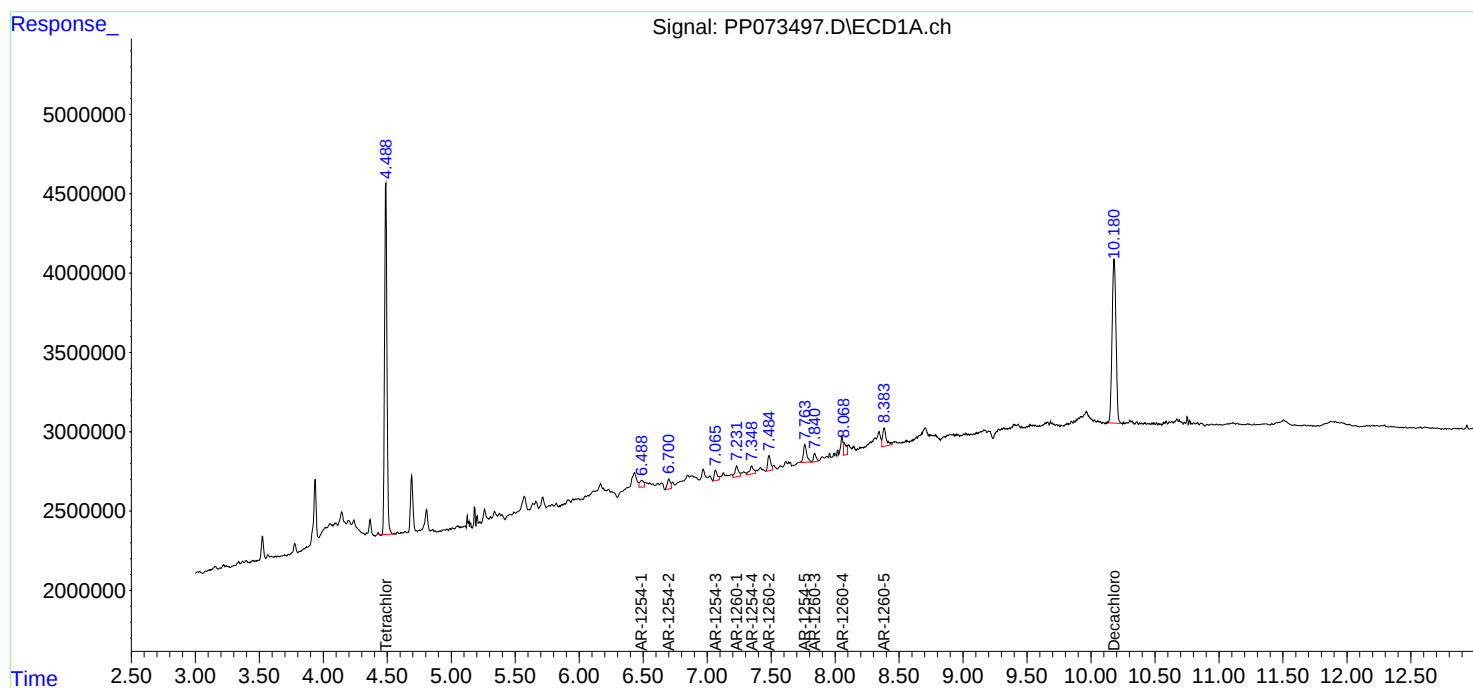
Instrument :
ECD_P
ClientSampleId :
X600-S3

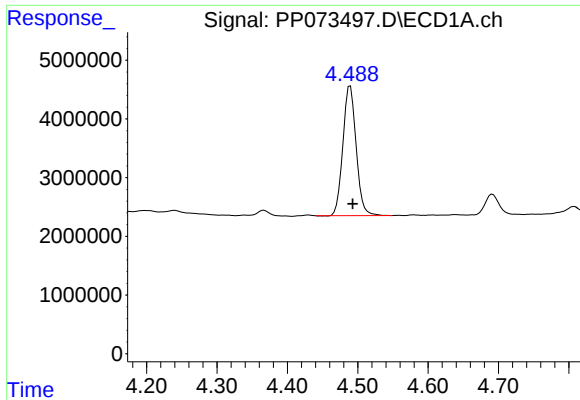
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 01:56:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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





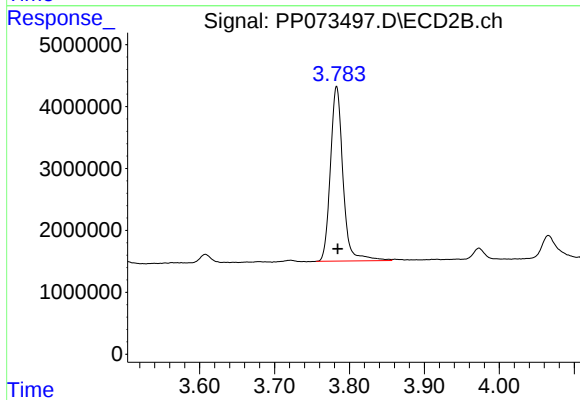
#1 Tetrachloro-m-xylene

R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 28917447
Conc: 18.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

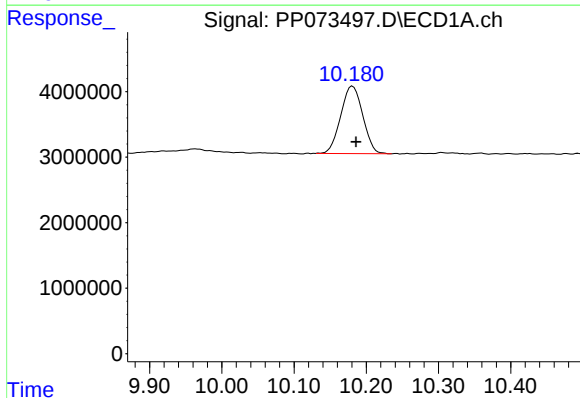
Manual Integrations
APPROVED

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



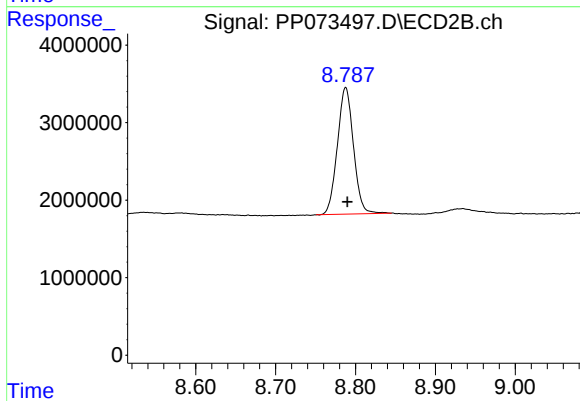
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 32913121
Conc: 18.56 ng/ml



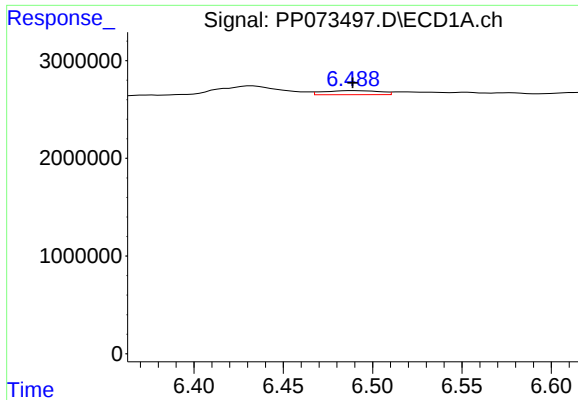
#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.005 min
Response: 21828445
Conc: 15.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.002 min
Response: 22865564
Conc: 16.53 ng/ml



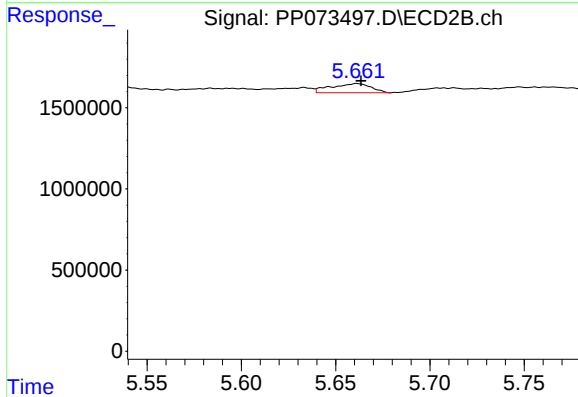
#26 AR-1254-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 936217
Conc: 13.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

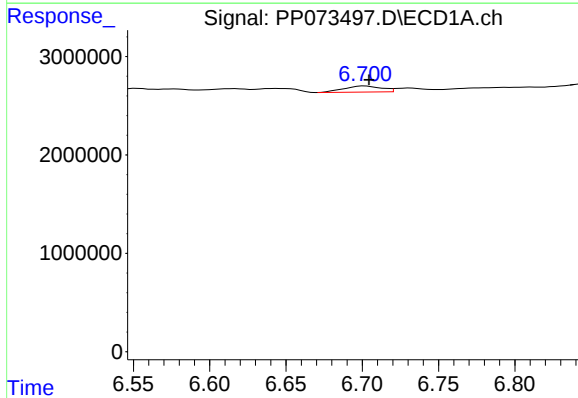
Manual Integrations
APPROVED

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



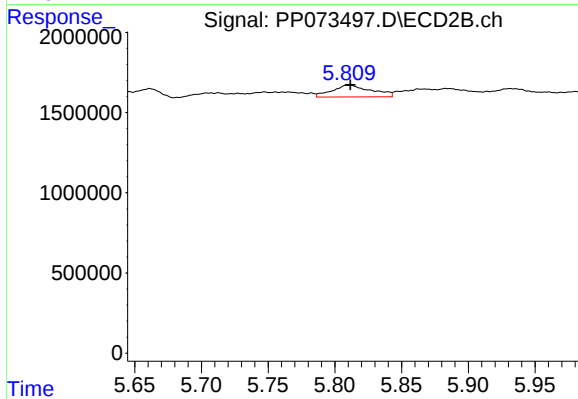
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 834978
Conc: 7.62 ng/ml



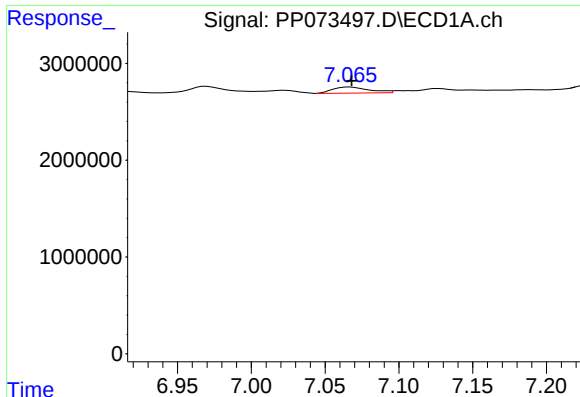
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 1062635
Conc: 10.30 ng/ml



#27 AR-1254-2

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 1514621
Conc: 15.62 ng/ml



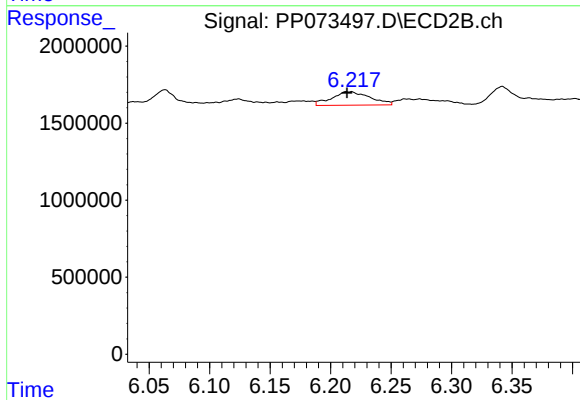
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: -0.001 min
Response: 1090135
Conc: 9.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

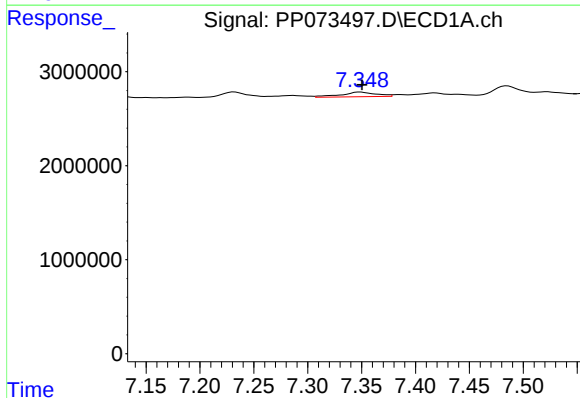
Manual Integrations
APPROVED

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



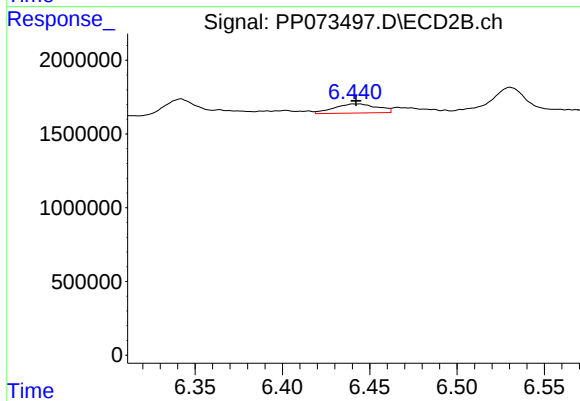
#28 AR-1254-3

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1929008
Conc: 13.09 ng/ml



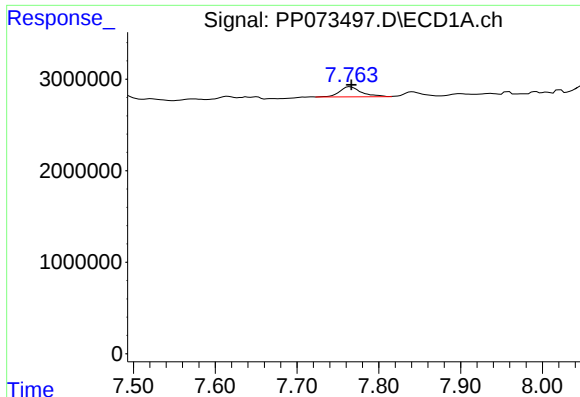
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: -0.001 min
Response: 1106956
Conc: 11.13 ng/ml



#29 AR-1254-4

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 1065679
Conc: 11.81 ng/ml



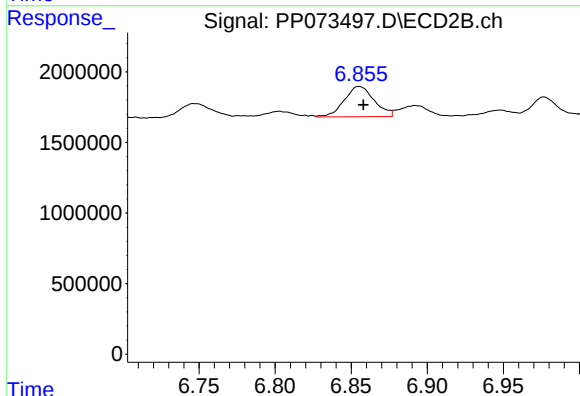
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 2026629
Conc: 21.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

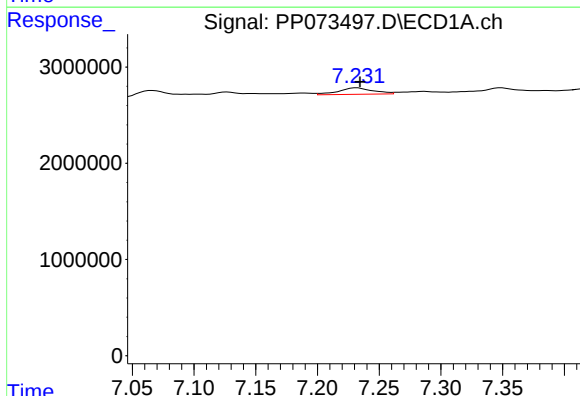
Manual Integrations
APPROVED

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



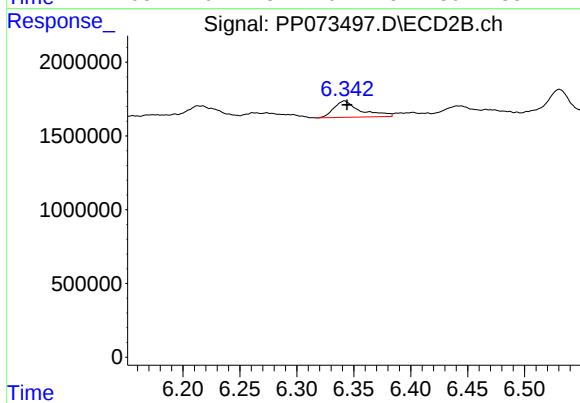
#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 2950619
Conc: 22.17 ng/ml



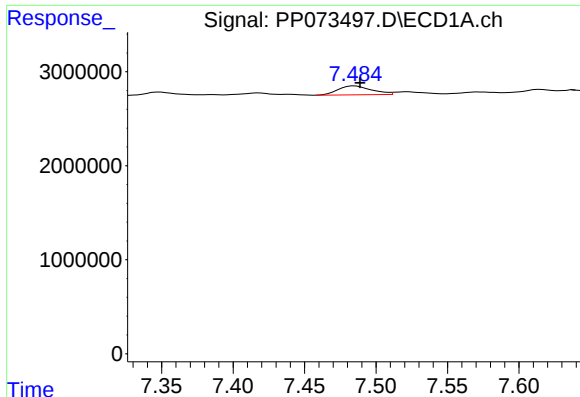
#31 AR-1260-1

R.T.: 7.232 min
Delta R.T.: -0.002 min
Response: 1311924
Conc: 18.40 ng/ml



#31 AR-1260-1

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 1796087
Conc: 19.46 ng/ml



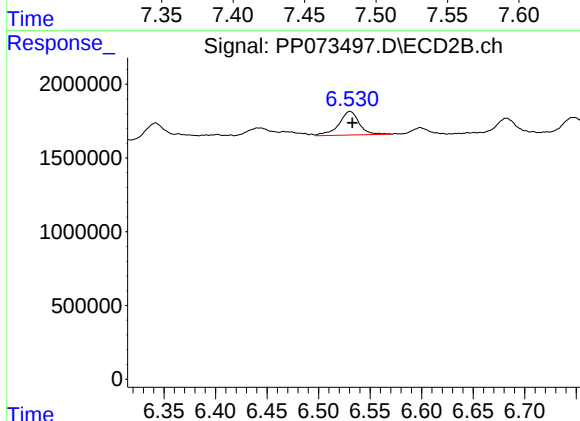
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 1537478
Conc: 14.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

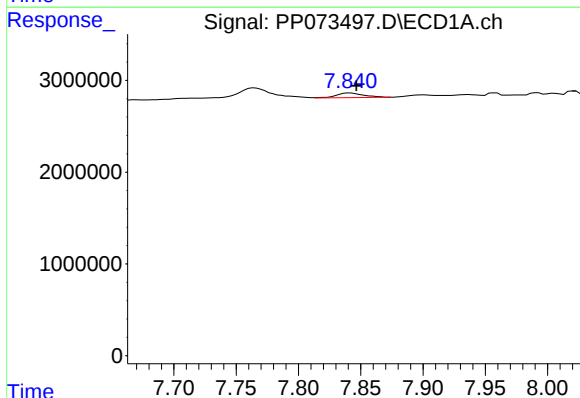
Manual Integrations
APPROVED

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



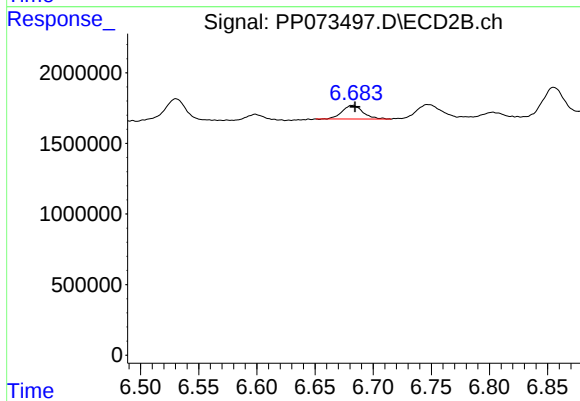
#32 AR-1260-2

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 2207745
Conc: 17.86 ng/ml



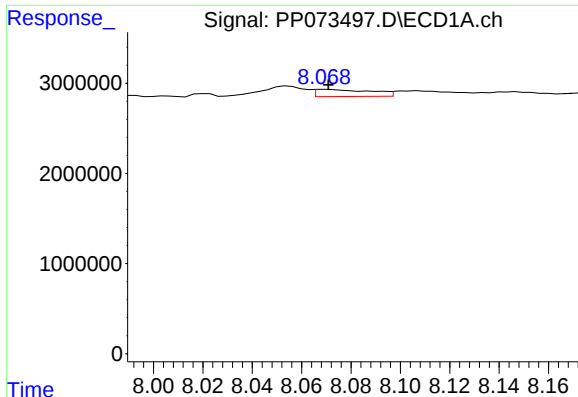
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.005 min
Response: 772350
Conc: 8.38 ng/ml



#33 AR-1260-3

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 1183628
Conc: 11.83 ng/ml



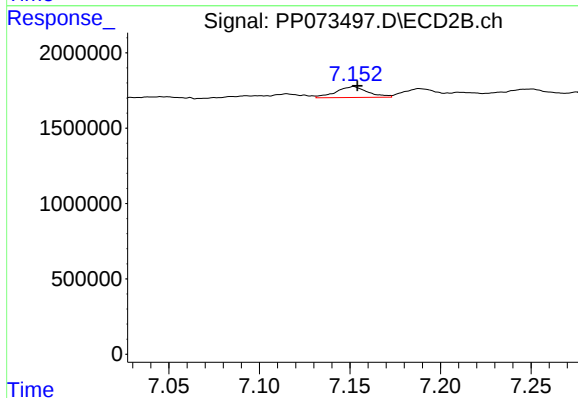
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.001 min
Response: 1234628
Conc: 13.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
X600-S3

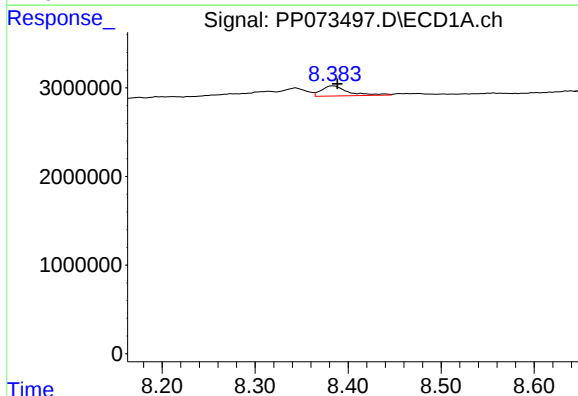
Manual Integrations
APPROVED

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



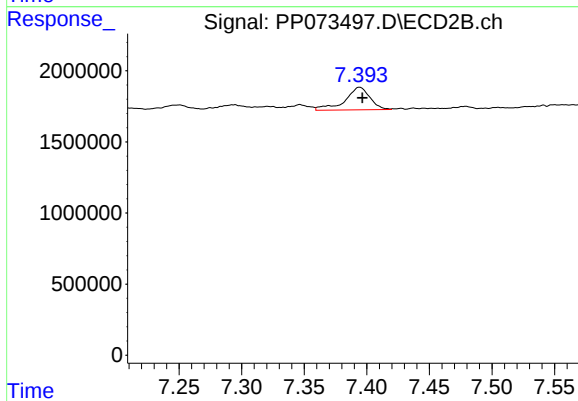
#34 AR-1260-4

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 879917
Conc: 10.14 ng/ml



#35 AR-1260-5

R.T.: 8.384 min
Delta R.T.: -0.004 min
Response: 2272445
Conc: 11.53 ng/ml



#35 AR-1260-5

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 2209662
Conc: 10.13 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ATCE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2500</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>07/01/2025</u> <u>07/01/2025</u>
		Calibration Times:	<u>14:04</u> <u>21:30</u>

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

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

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

[illegible]

Calibration Times: 14:04 21:30

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

[illegible]

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ATCE02
SDG NO.: Q2500

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

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

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ATCE02
SDG NO.: Q2500

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

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

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



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
Instrument ID: ECD_P **Date(s) Analyzed:** 07/01/2025 07/01/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

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



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
Instrument ID: ECD_P **Date(s) Analyzed:** 07/01/2025 07/01/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

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

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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:56:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.785	157.1E6	168.3E6	97.375	94.713
2) SA Decachlor...	10.188	8.791	142.2E6	130.2E6	97.282	96.069
Target Compounds						
3) L1 AR-1016-1	5.648	4.865	53386559	60174256	960.458	956.046
4) L1 AR-1016-2	5.669	4.883	81419554	89553215	962.269	955.415
5) L1 AR-1016-3	5.731	5.059	50608265	47760737	954.366	954.025
6) L1 AR-1016-4	5.829	5.101	42447376	37669371	967.658	944.676
7) L1 AR-1016-5	6.121	5.315	38953823	47972255	957.882	950.412
31) L7 AR-1260-1	7.238	6.346	68843805	85568106	962.893	947.532
32) L7 AR-1260-2	7.491	6.534	99938528	108.4E6	963.571	954.941
33) L7 AR-1260-3	7.849	6.686	89992879	95898053	964.616	971.212
34) L7 AR-1260-4	8.073	7.156	83642835	80000894	961.480	952.364
35) L7 AR-1260-5	8.390	7.398	193.3E6	209.9E6	974.972	984.547

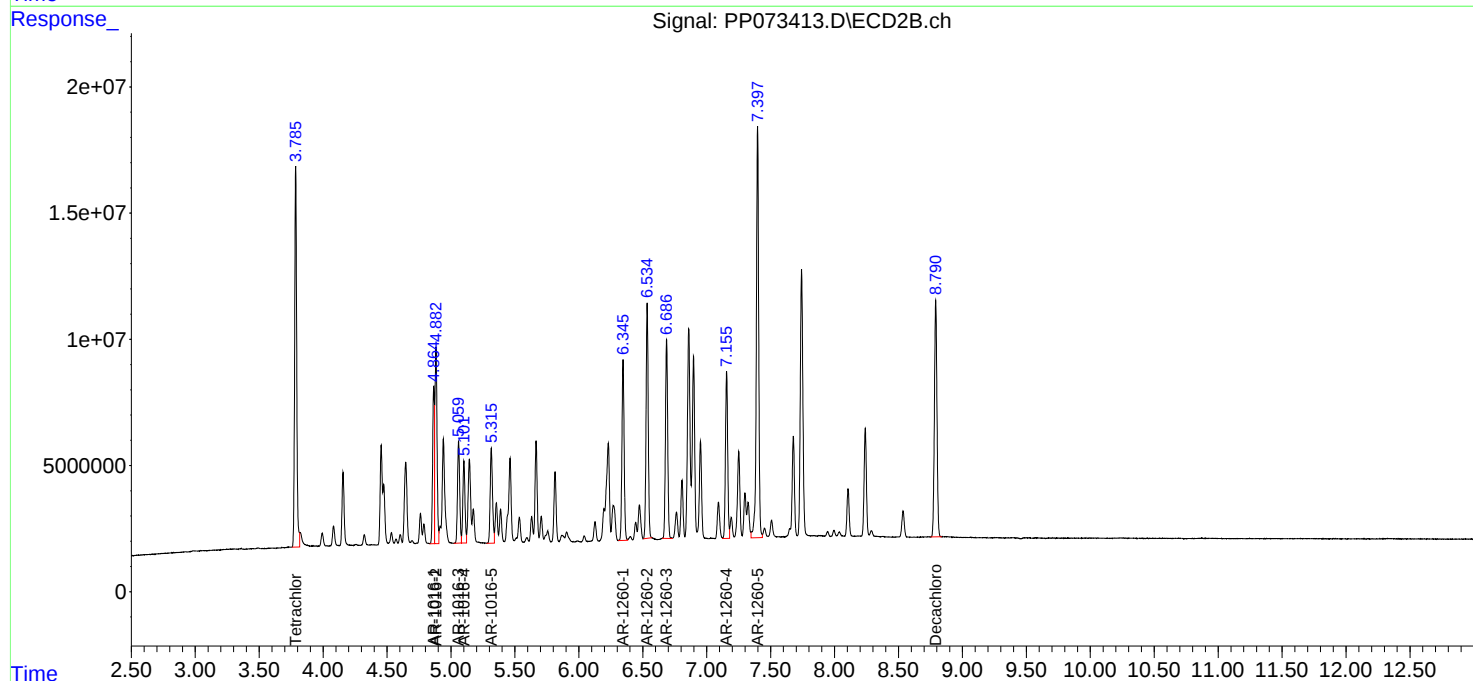
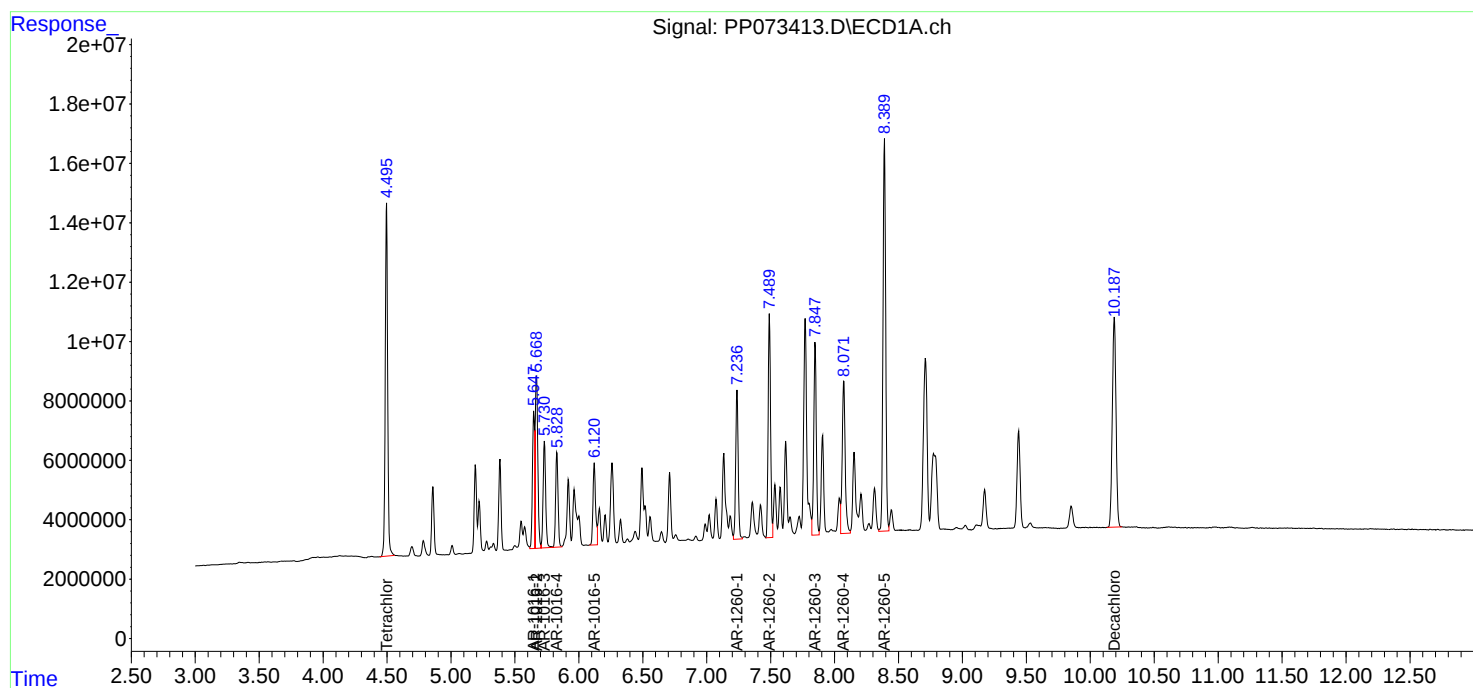
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:56:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:00:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.785	121.7E6	134.0E6	75.297	75.265
2) SA Decachlor...	10.180	8.791	110.2E6	106.1E6	75.258	77.146
Target Compounds						
3) L1 AR-1016-1	5.639	4.864	41324770	46239352	745.627	739.695
4) L1 AR-1016-2	5.661	4.882	63602431	68137270	751.129	734.464
5) L1 AR-1016-3	5.723	5.059	39544232	36849877	747.142	740.662
6) L1 AR-1016-4	5.820	5.101	33150628	29351679	753.806	740.665
7) L1 AR-1016-5	6.113	5.315	29708453	37762257	736.911	748.756
31) L7 AR-1260-1	7.229	6.346	53445480	69057865	748.347	759.741
32) L7 AR-1260-2	7.484	6.534	78152410	87369538	752.341	763.026
33) L7 AR-1260-3	7.842	6.685	70283501	78353060	752.234	778.466
34) L7 AR-1260-4	8.065	7.155	64321909	66542156	742.890	777.581
35) L7 AR-1260-5	8.383	7.397	149.1E6	170.2E6	751.469	781.556

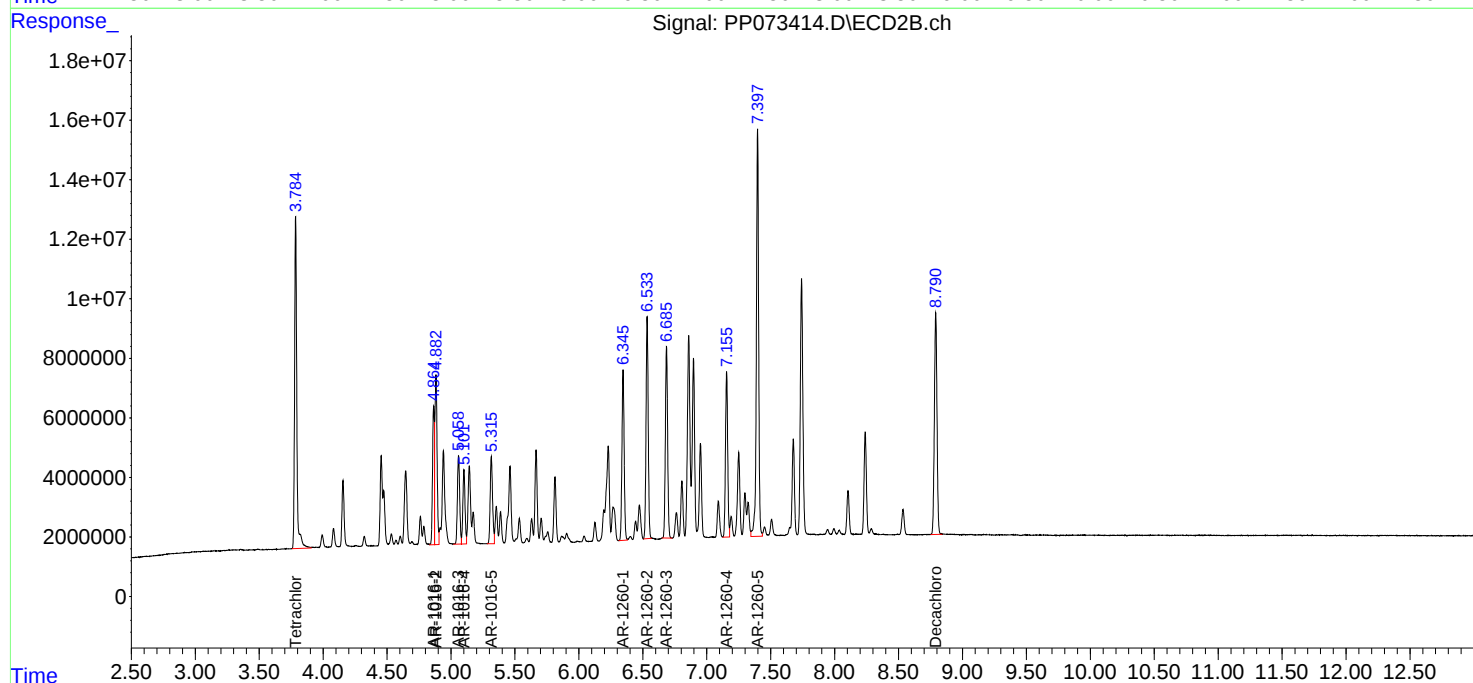
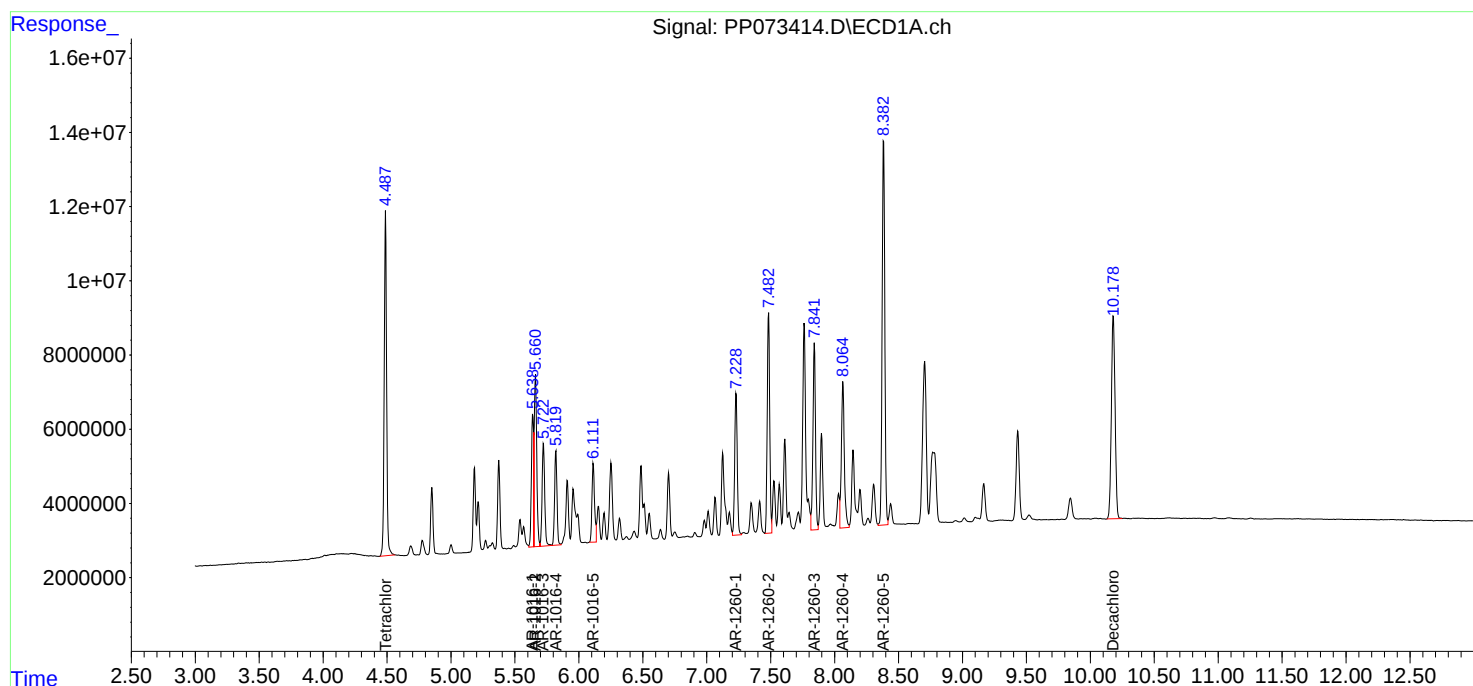
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:00:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 14:54:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 14:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.785	82777504	93546416	50.000	50.000
2) SA Decachlor...	10.186	8.790	75054706	70452422	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.644	4.864	28891186	32853639	500.000	500.000
4) L1 AR-1016-2	5.666	4.882	43902284	48955681	500.000	500.000
5) L1 AR-1016-3	5.729	5.058	27724028	26181992	500.000	500.000
6) L1 AR-1016-4	5.826	5.100	22642388	21040762	500.000	500.000
7) L1 AR-1016-5	6.118	5.314	21189728	26489070	500.000	500.000
31) L7 AR-1260-1	7.234	6.344	37074901	47522261	500.000	500.000
32) L7 AR-1260-2	7.489	6.533	53747602	59312118	500.000	500.000
33) L7 AR-1260-3	7.846	6.685	48297511	50791554	500.000	500.000
34) L7 AR-1260-4	8.071	7.154	45172408	44001945	500.000	500.000
35) L7 AR-1260-5	8.389	7.397	101.6E6	108.3E6	500.000	500.000

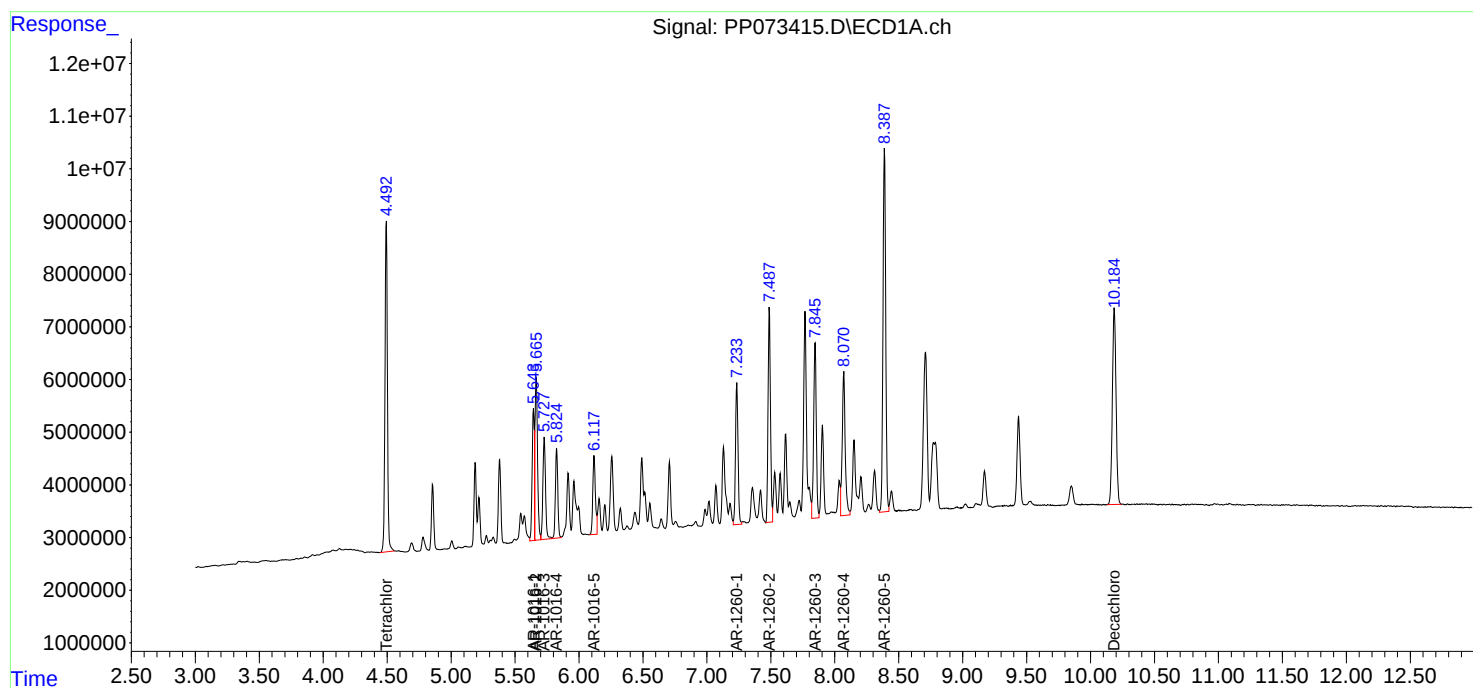
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 14:54:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 14:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:04:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 15:04:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	42576561	47543476	25.992	26.259
2) SA Decachlor...	10.179	8.789	37715452	37139056	25.569	26.472
Target Compounds						
3) L1 AR-1016-1	5.640	4.863	15306320	17174368	269.129	268.107
4) L1 AR-1016-2	5.662	4.880	22876505	25776170	264.825	270.319
5) L1 AR-1016-3	5.724	5.057	14173174	13508380	263.106	265.793
6) L1 AR-1016-4	5.821	5.099	11648409	10956051	260.990	269.338
7) L1 AR-1016-5	6.113	5.313	10879521	13777851	264.608	266.998
31) L7 AR-1260-1	7.231	6.343	19665926	24474229	268.552	264.167
32) L7 AR-1260-2	7.484	6.532	27906482	31178207	263.727	266.352
33) L7 AR-1260-3	7.843	6.683	24981348	26334995	262.806	258.635
34) L7 AR-1260-4	8.067	7.152	23397354	23011370	264.871	263.912
35) L7 AR-1260-5	8.384	7.396	51086450	56556636	255.548	257.172

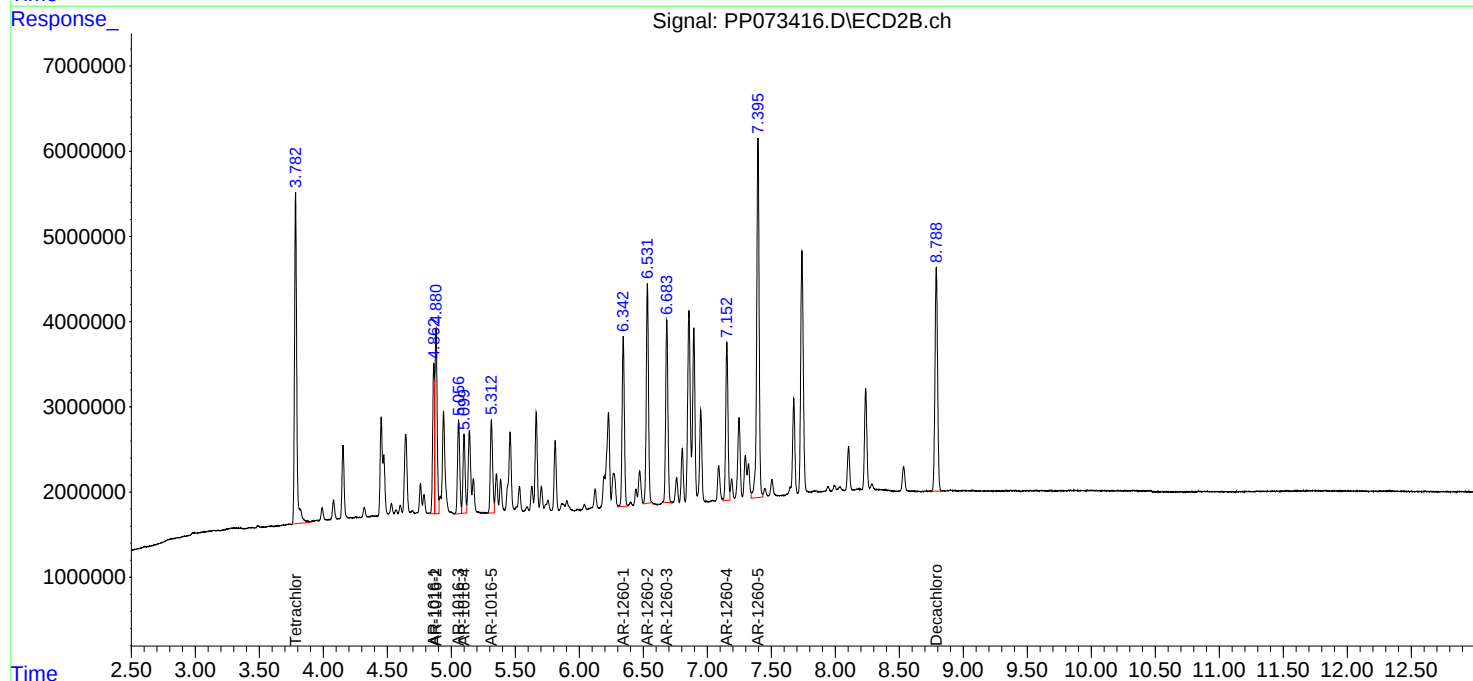
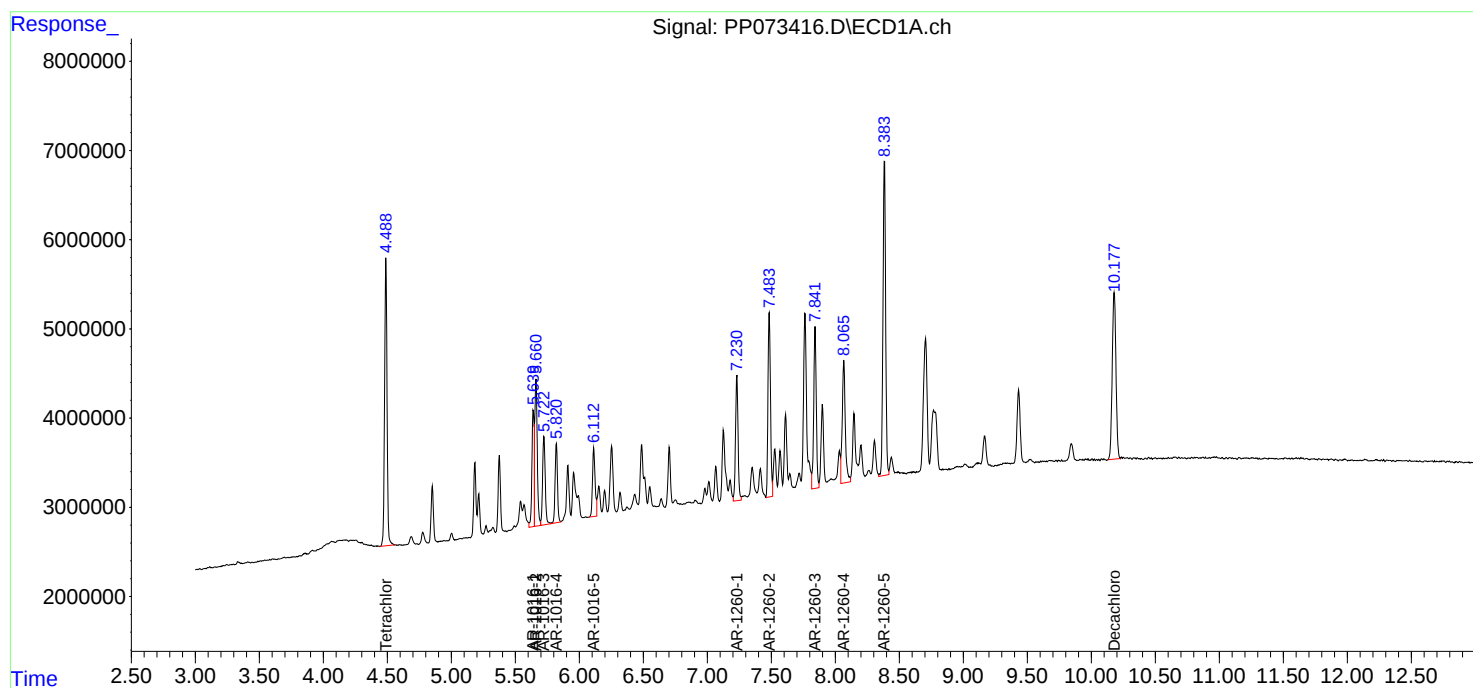
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:04:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 15:04:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 15:22:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 01 15:21:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.784	7146040	8127842	4.477	4.583
2) SA Decachlor...	10.182	8.789	6023358	6532064	4.239	4.721
Target Compounds						
3) L1 AR-1016-1	5.642	4.864	2320384	3271487	42.155m	50.853
4) L1 AR-1016-2	5.663	4.881	3411260	4755866	41.083m	49.900
5) L1 AR-1016-3	5.725	5.058	2414633	2440387	45.949m	48.401
6) L1 AR-1016-4	5.824	5.099	2079729	2028391	47.241	49.892
7) L1 AR-1016-5	6.116	5.313	1828657	2491212	45.481	48.612
31) L7 AR-1260-1	7.232	6.344	3182359	4540308	44.438m	49.226m
32) L7 AR-1260-2	7.487	6.532	5114691	7487231	48.653m	60.391m
33) L7 AR-1260-3	7.843	6.684	4027259	4653907	43.644m	46.505
34) L7 AR-1260-4	8.068	7.153	4422637	4265641	50.392m	49.134
35) L7 AR-1260-5	8.386	7.396	9301030	10557193	47.182	48.391

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

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

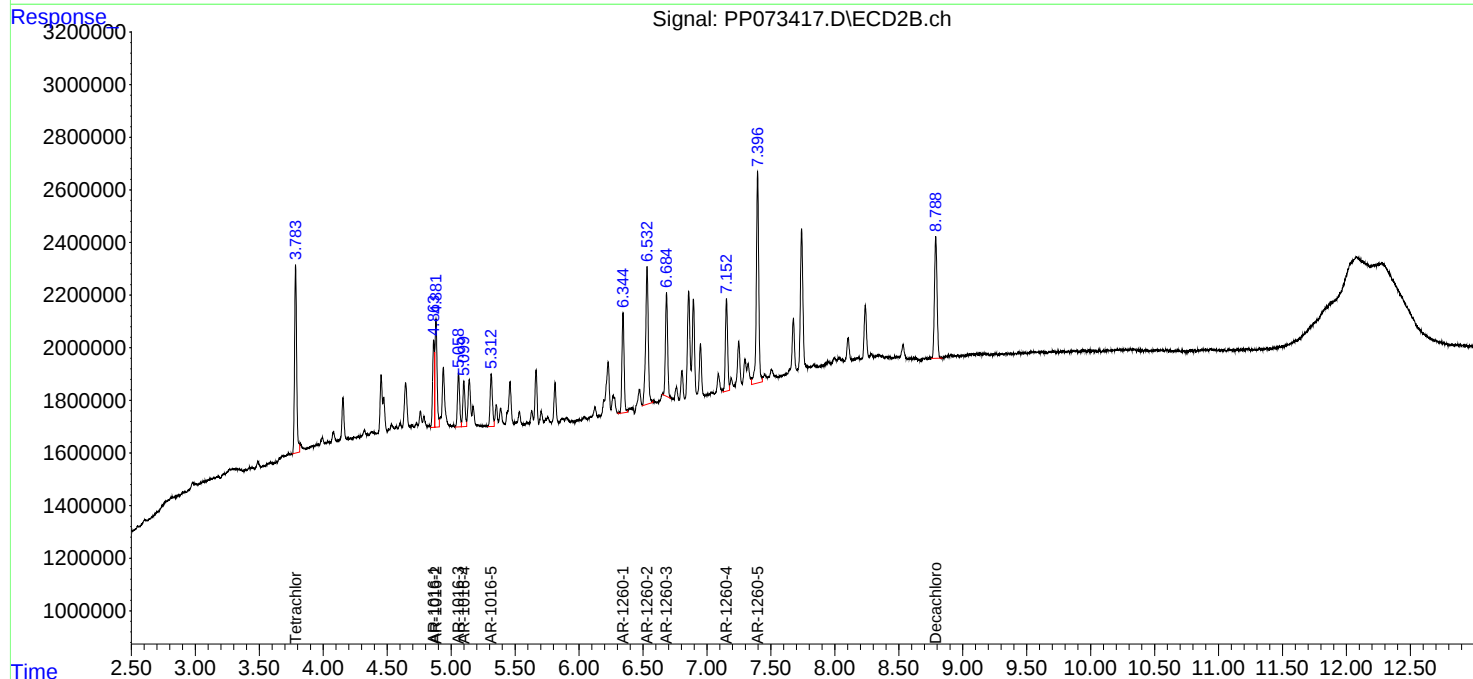
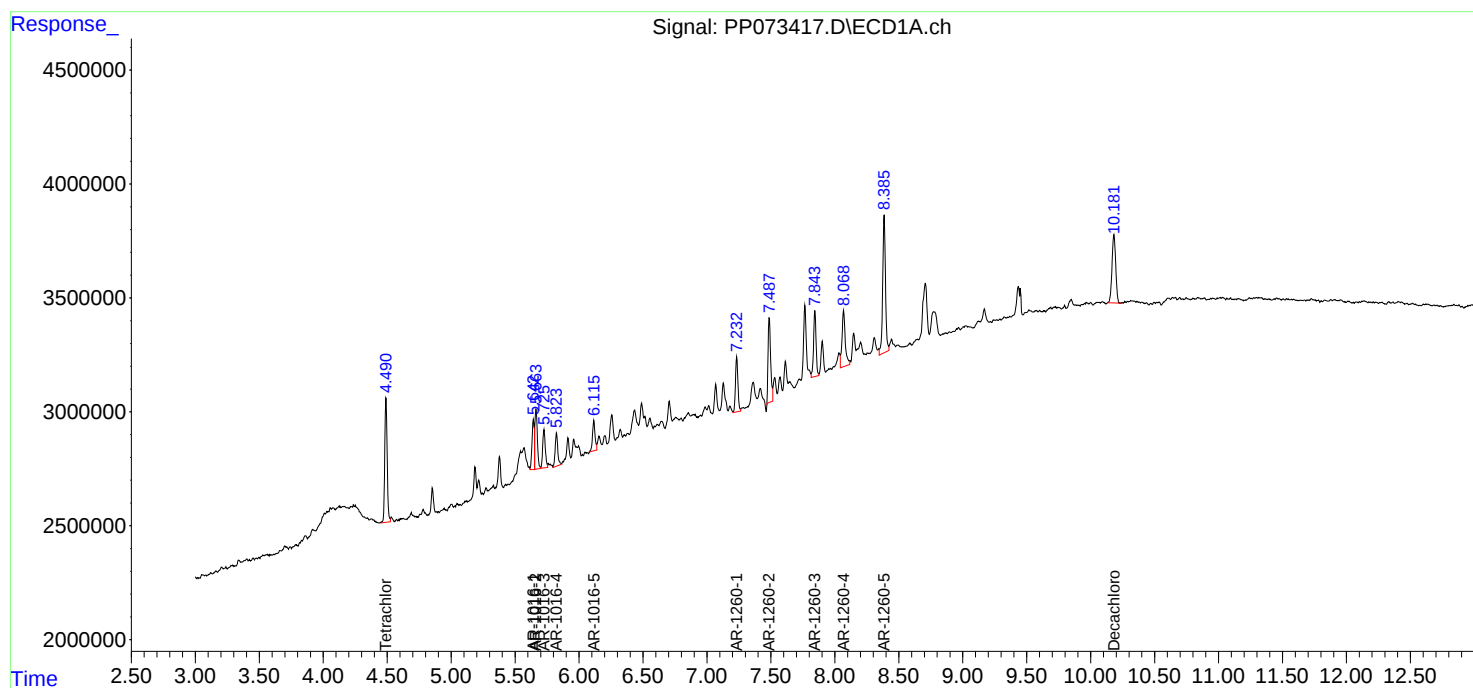
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 15:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 01 15:21:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:18:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:18:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.784	87848536	91353491	50.000	50.000
2) SA Decachlor...	10.182	8.789	78147418	75300321	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.691	3.992	9436845	13457288	500.000	500.000
9) L2 AR-1221-2	4.777	4.079	8057814	10280245	500.000	500.000
10) L2 AR-1221-3	4.853	4.154	25868388	30335316	500.000	500.000

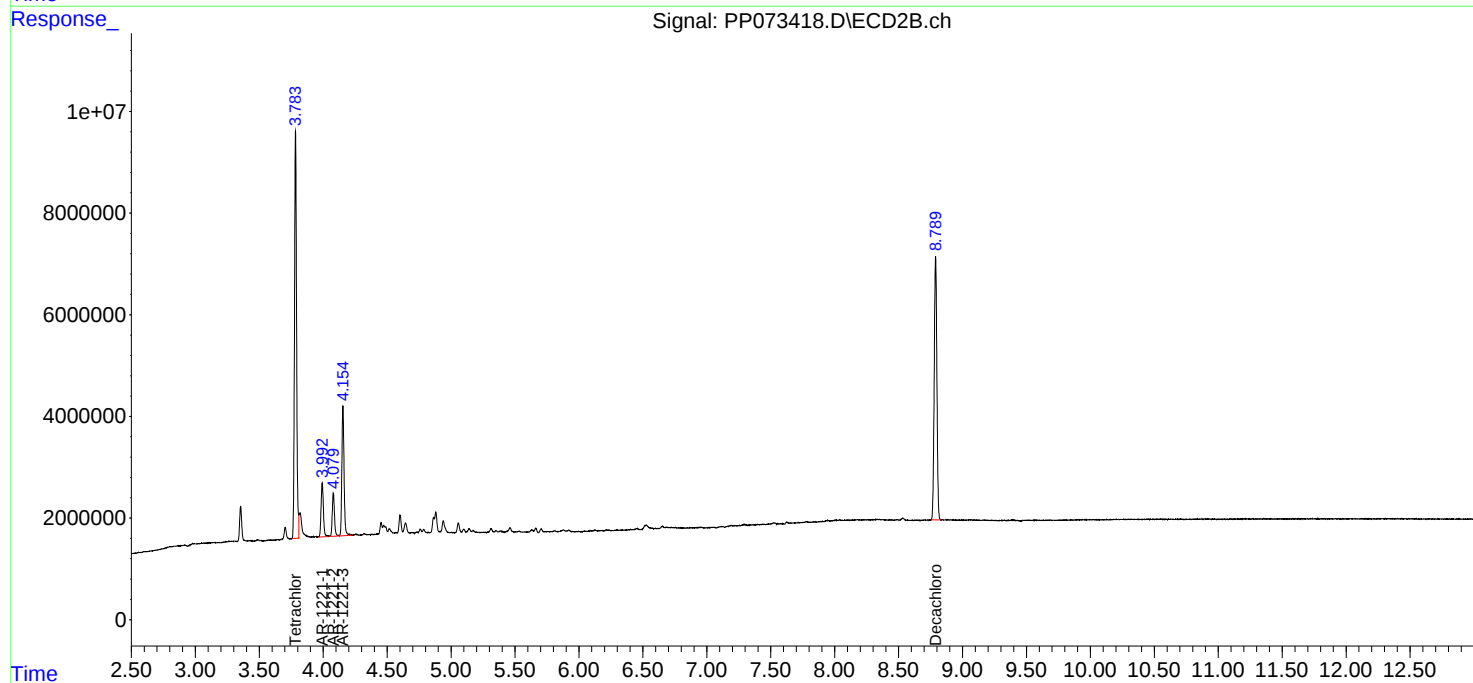
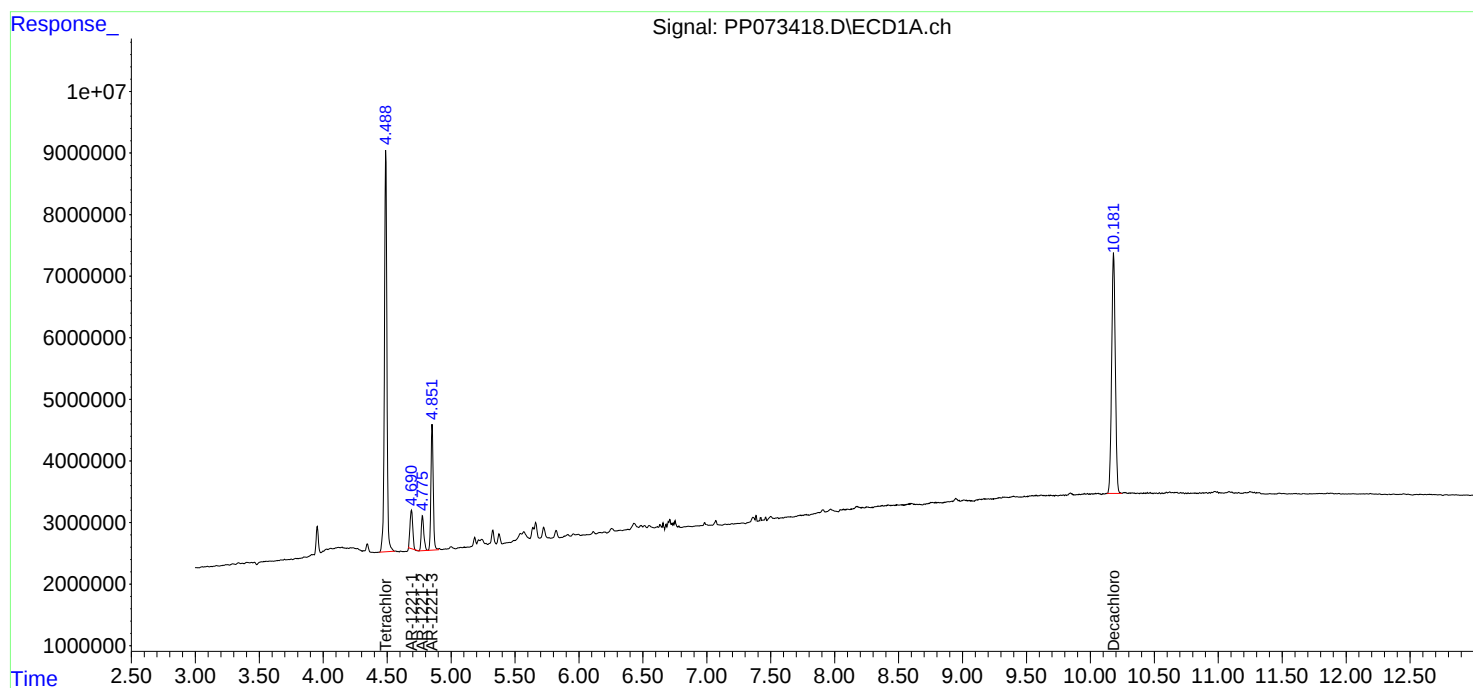
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:18:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:18:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:22:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:21:46 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	84574688	87470639	50.000	50.000
2) SA Decachlor...	10.180	8.789	75589108	75957680	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.852	4.154	19984651	23532447	500.000	500.000
12) L3 AR-1232-2	5.376	4.880	10281396	23501759	500.000	500.000
13) L3 AR-1232-3	5.663	5.056	21165221	12382367	500.000	500.000
14) L3 AR-1232-4	5.821	5.141	10777639	10711505	500.000	500.000
15) L3 AR-1232-5	5.912	5.312	7032423	11685572	500.000	500.000

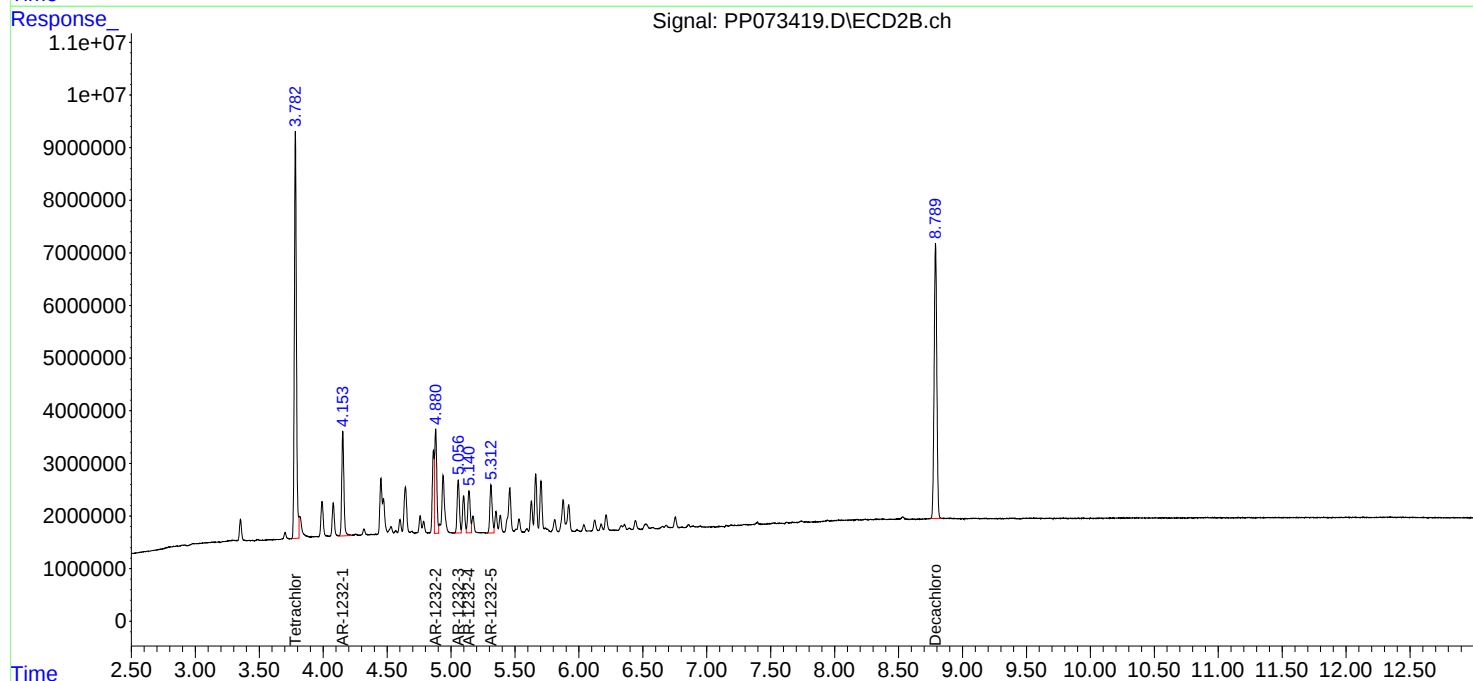
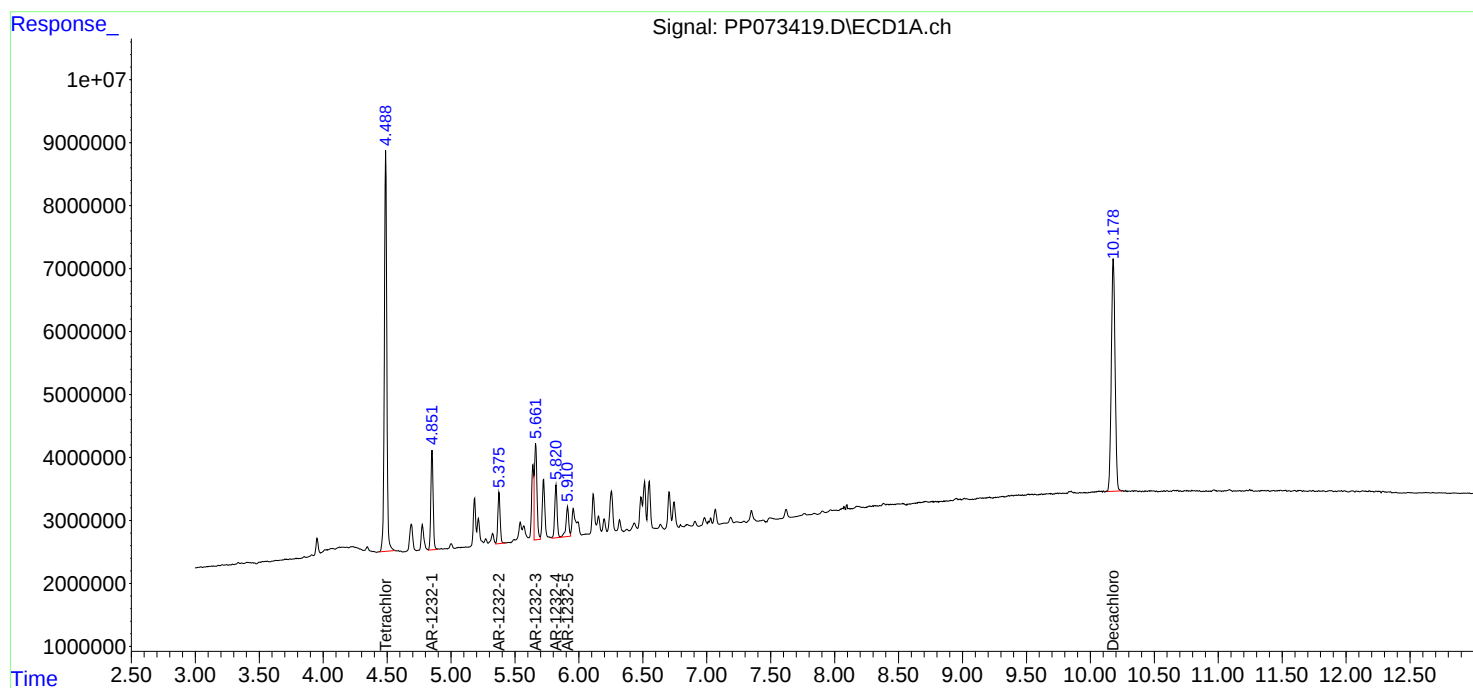
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:22:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:21:46 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:30:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.785	157.8E6	188.3E6	92.641	98.139
2) SA Decachlor...	10.185	8.792	144.3E6	142.4E6	90.049	93.185
Target Compounds						
16) L4 AR-1242-1	5.643	4.865	47425724	53280276	938.276	924.731
17) L4 AR-1242-2	5.665	4.882	70605687	82972139	911.918	951.695
18) L4 AR-1242-3	5.727	5.059	43609661	43743631	905.324	934.701
19) L4 AR-1242-4	5.824	5.143	36635769	41461297	904.965	919.412
20) L4 AR-1242-5	6.554	5.665	40193741	51909044	910.988	915.010

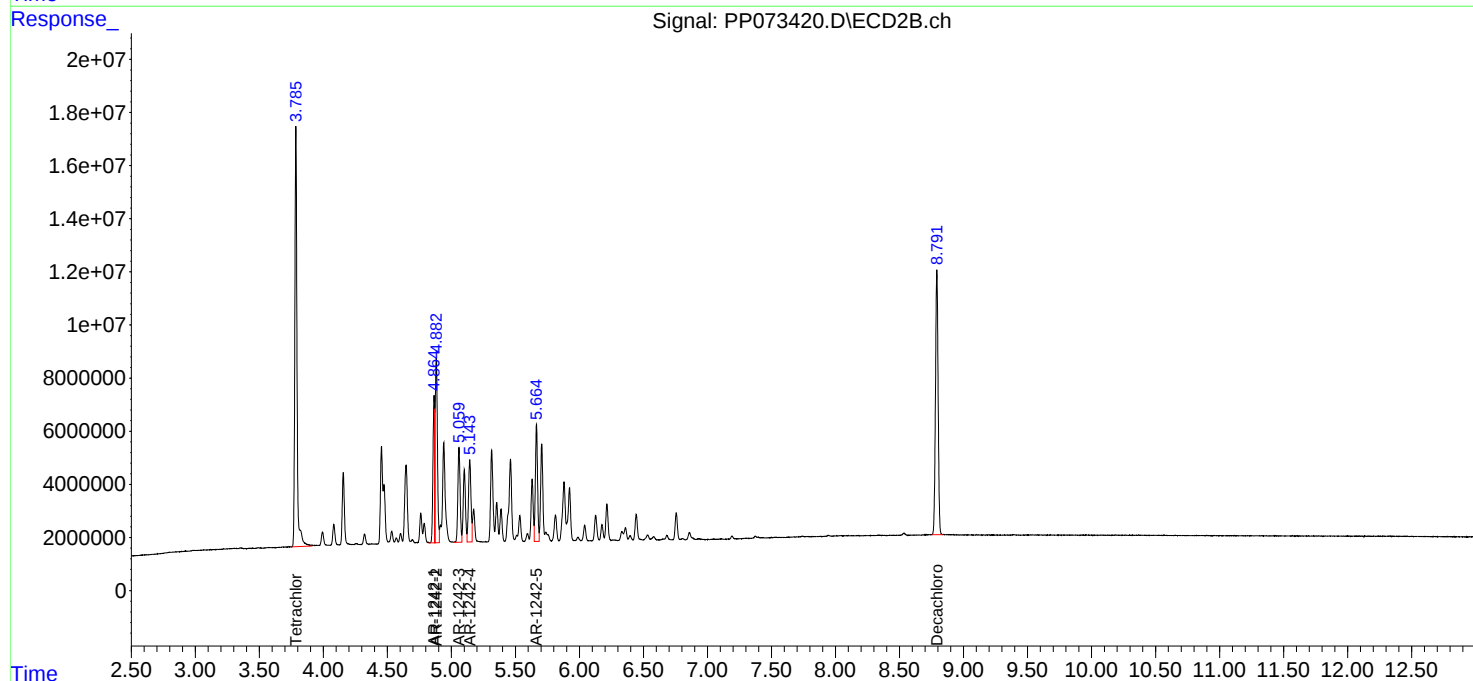
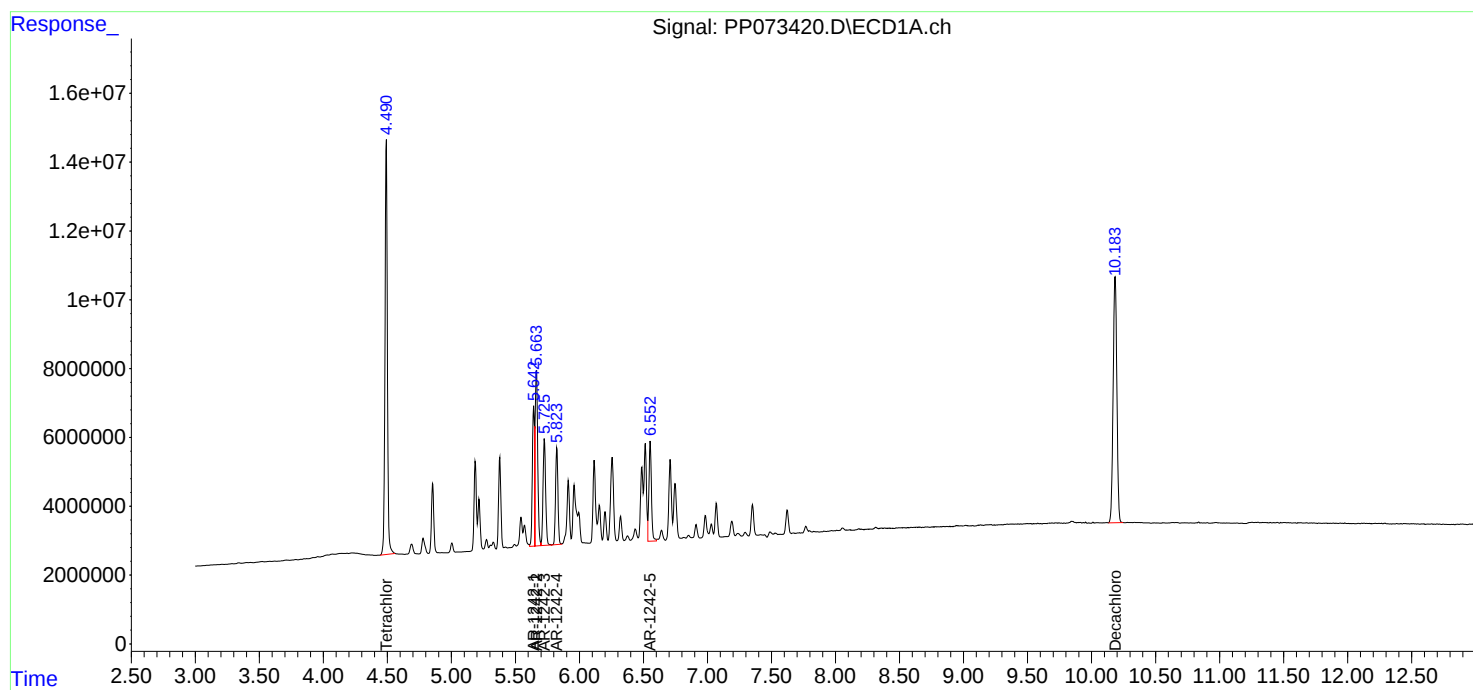
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:30:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:30:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

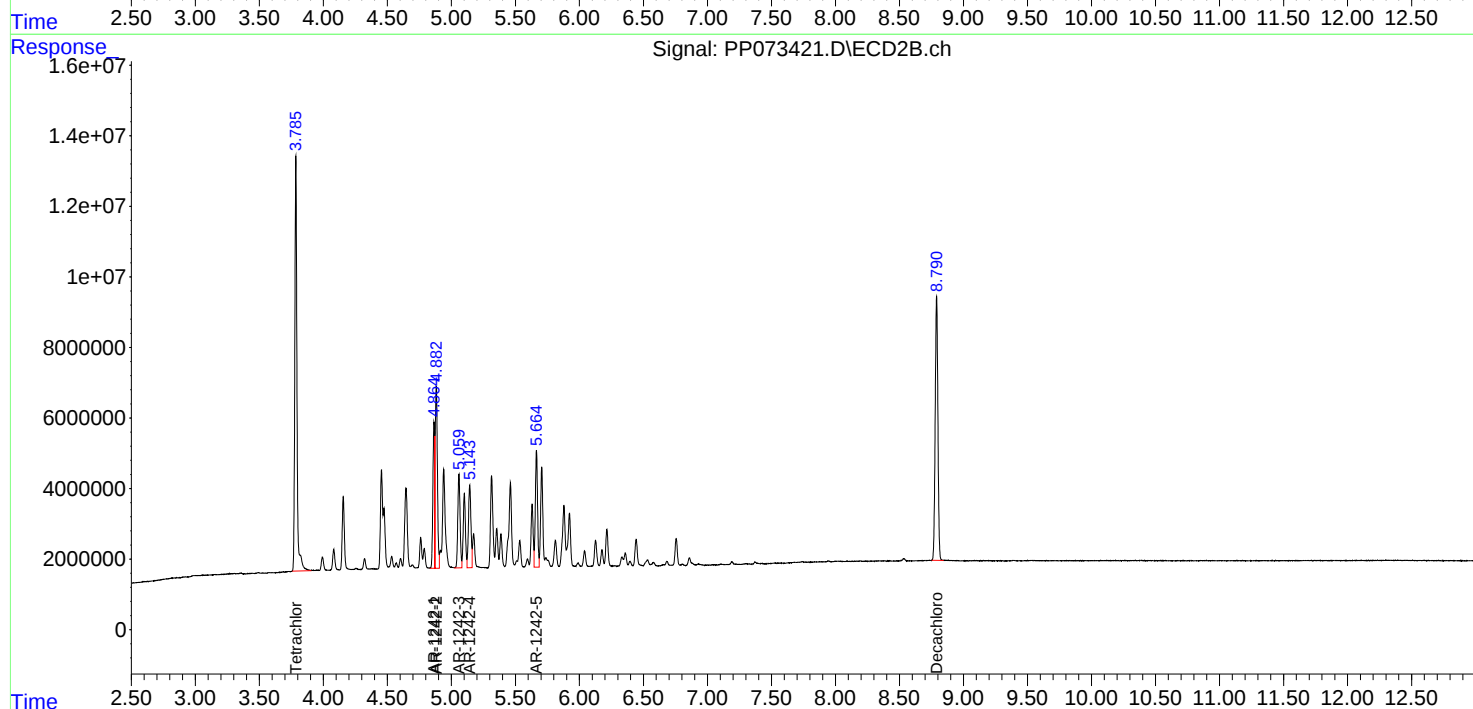
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.489	3.785	122.4E6	139.0E6	71.873	72.468
2)	SA Decachlor...	10.180	8.790	112.7E6	108.8E6	70.344	71.196
Target Compounds							
16)	L4 AR-1242-1	5.641	4.865	36200676	41020324	716.198	711.947
17)	L4 AR-1242-2	5.662	4.882	55456988	61448360	716.263	704.816
18)	L4 AR-1242-3	5.724	5.059	34007076	33023112	705.977	705.628
19)	L4 AR-1242-4	5.822	5.143	28511287	31561188	704.277	699.875
20)	L4 AR-1242-5	6.551	5.664	30265176	39725471	685.958	700.248

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.785	85154530	95935475	50.000	50.000
2) SA Decachlor...	10.185	8.790	80109631	76425181	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.645	4.865	25272803	28808540	500.000	500.000
17) L4 AR-1242-2	5.666	4.882	38712744	43591774	500.000	500.000
18) L4 AR-1242-3	5.729	5.059	24085120	23399810	500.000	500.000
19) L4 AR-1242-4	5.826	5.143	20241542	22547721	500.000	500.000
20) L4 AR-1242-5	6.556	5.665	22060517	28365291	500.000	500.000

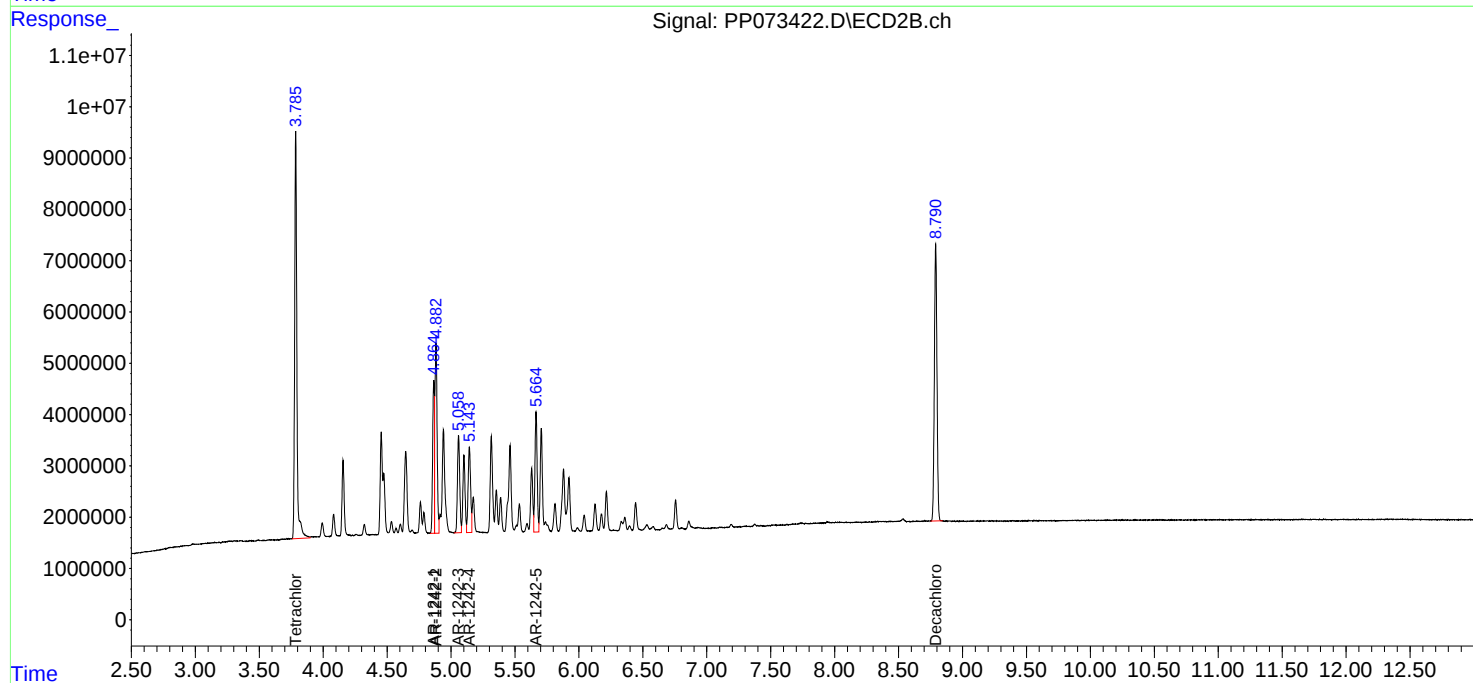
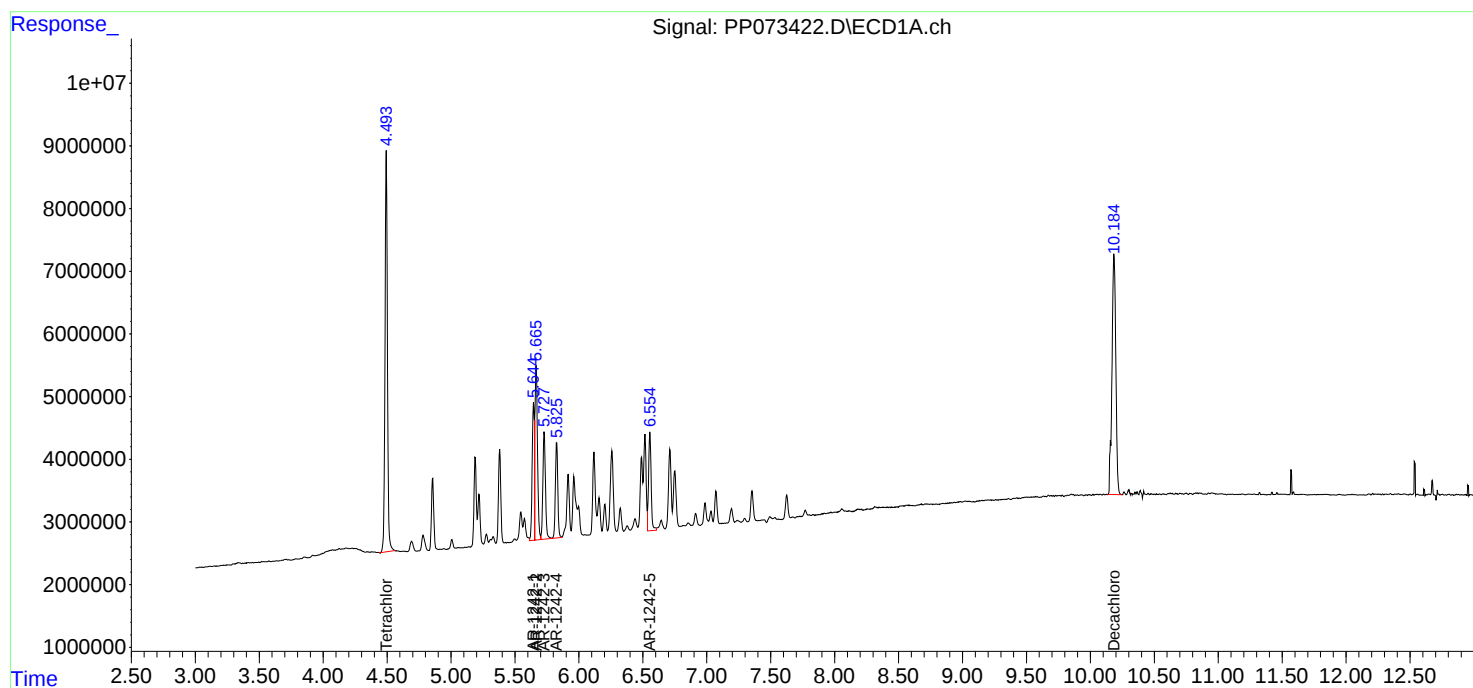
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.784	43636079	47379320	25.622	24.693
2) SA Decachlor...	10.181	8.789	38511567	39695410	24.037	25.970
Target Compounds						
16) L4 AR-1242-1	5.641	4.864	13419293	15458831	265.489	268.303
17) L4 AR-1242-2	5.662	4.882	20333065	22992077	262.615	263.720
18) L4 AR-1242-3	5.724	5.058	12665408	12387573	262.930	264.694
19) L4 AR-1242-4	5.822	5.142	10367398	11823430	256.092	262.187
20) L4 AR-1242-5	6.551	5.664	12224957	14628338	277.078	257.856

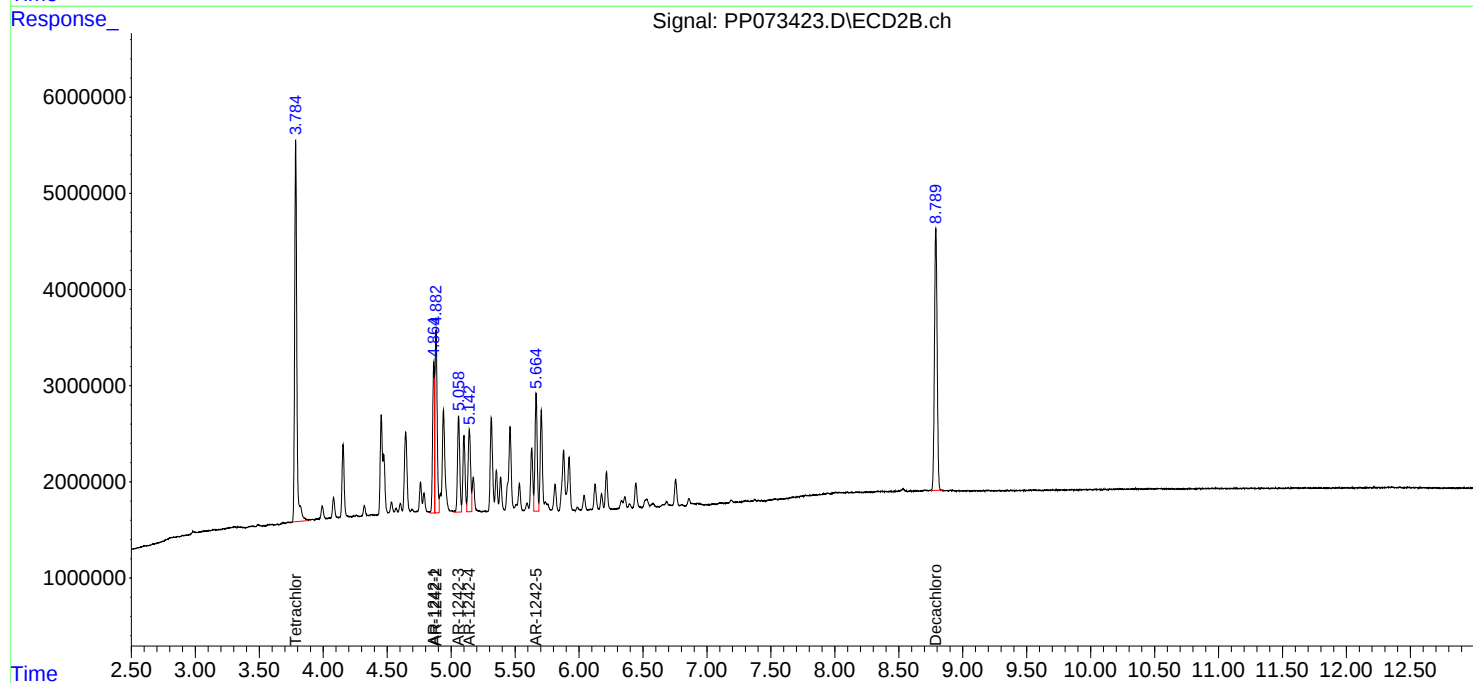
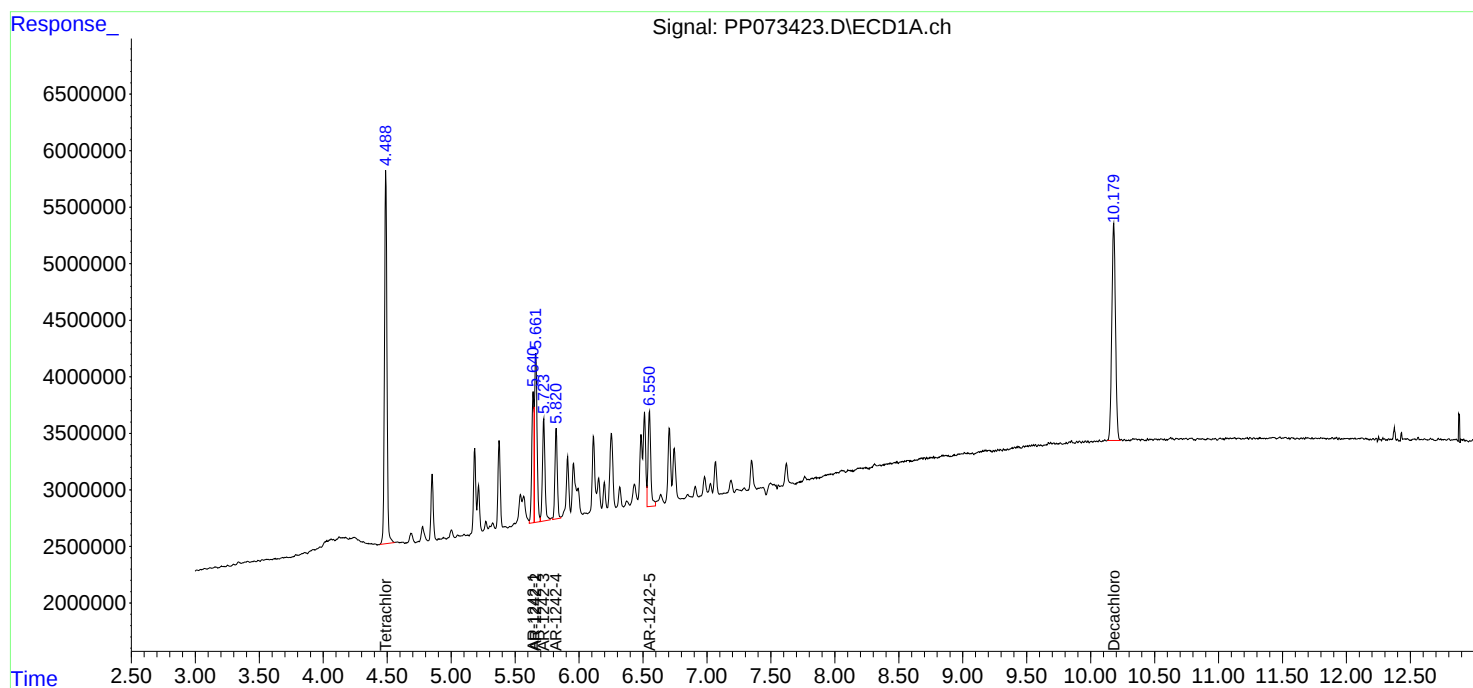
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 02:31:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 02:29:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.492	3.784	7225078	8423087	4.242	4.390
2)	SA Decachlor...	10.185	8.790	6276356	6762954	3.917	4.425
Target Compounds							
16)	L4 AR-1242-1	5.644	4.865	2706869	3228827	53.553	56.039
17)	L4 AR-1242-2	5.666	4.882	3790872	4366275	48.962	50.081
18)	L4 AR-1242-3	5.727	5.059	2620044	2264888	54.391	48.395
19)	L4 AR-1242-4	5.826	5.143	1796314	2180884	44.372	48.362
20)	L4 AR-1242-5	6.553	5.665	1947534	2673145	44.141m	47.120

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

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

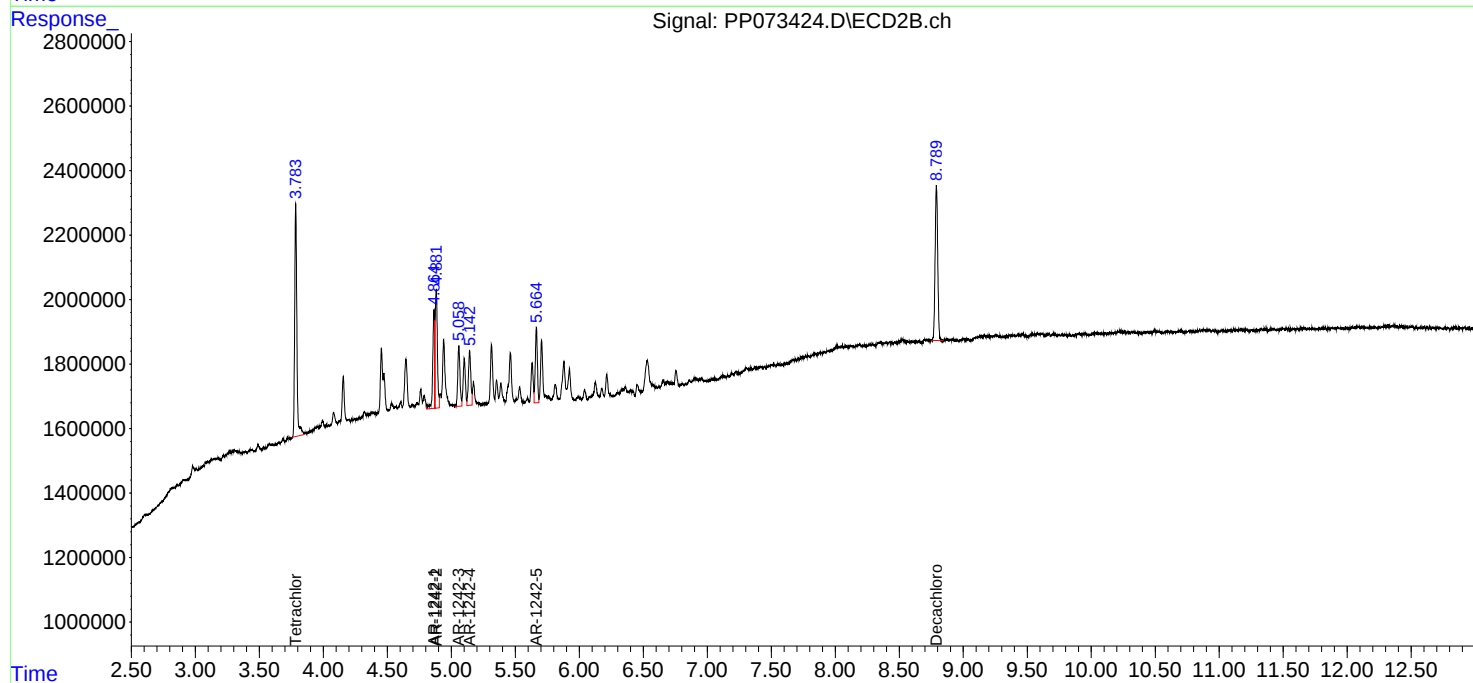
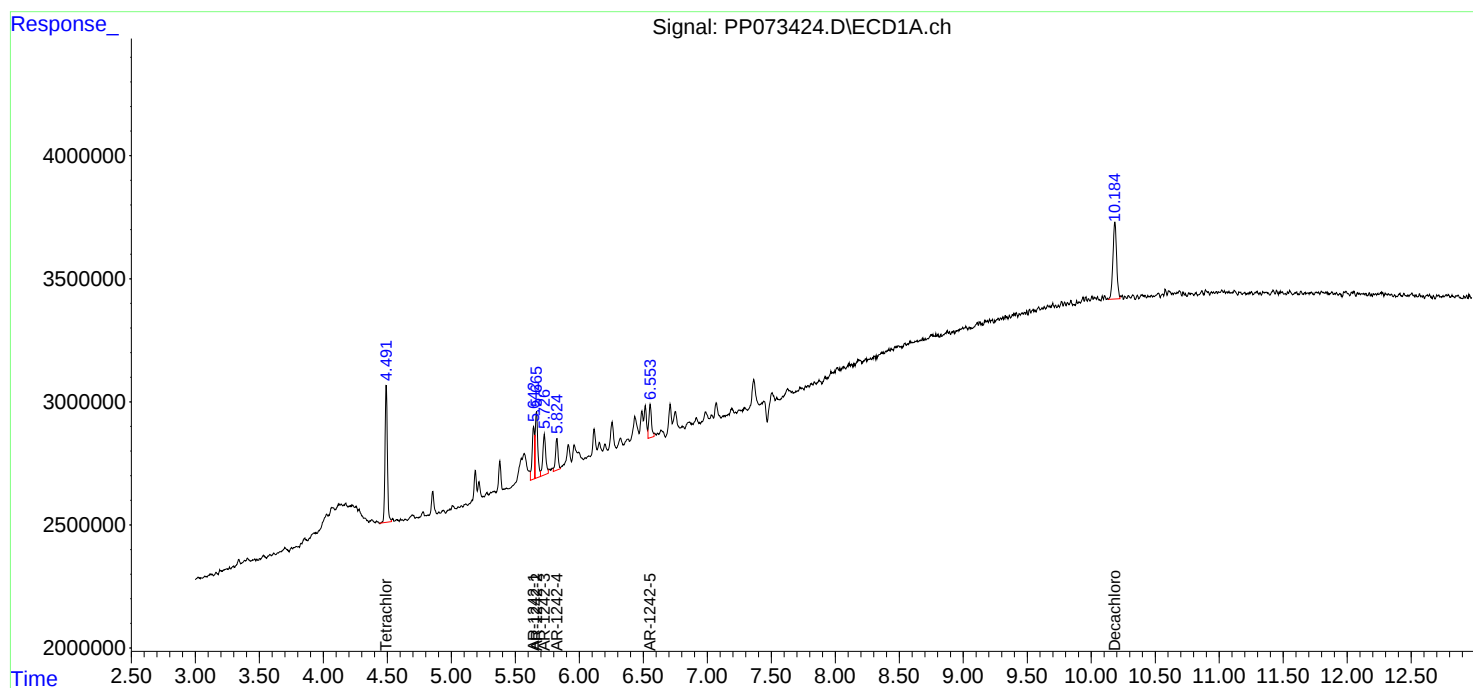
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 02:31:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 02:29:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.784	160.4E6	184.8E6	103.388	111.762
2) SA Decachlor...	10.183	8.790	150.9E6	146.8E6	102.004	110.918
Target Compounds						
21) L5 AR-1248-1	5.642	4.863	36440017	42033623	977.929	1074.595
22) L5 AR-1248-2	5.914	5.099	48329662	56827314	989.809	1070.402
23) L5 AR-1248-3	6.116	5.141	56570945	59385868	1027.776	1112.389
24) L5 AR-1248-4	6.514	5.313	68098333	69578975	985.383	1108.342
25) L5 AR-1248-5	6.553	5.704	66645751	72773558	920.387	1034.856

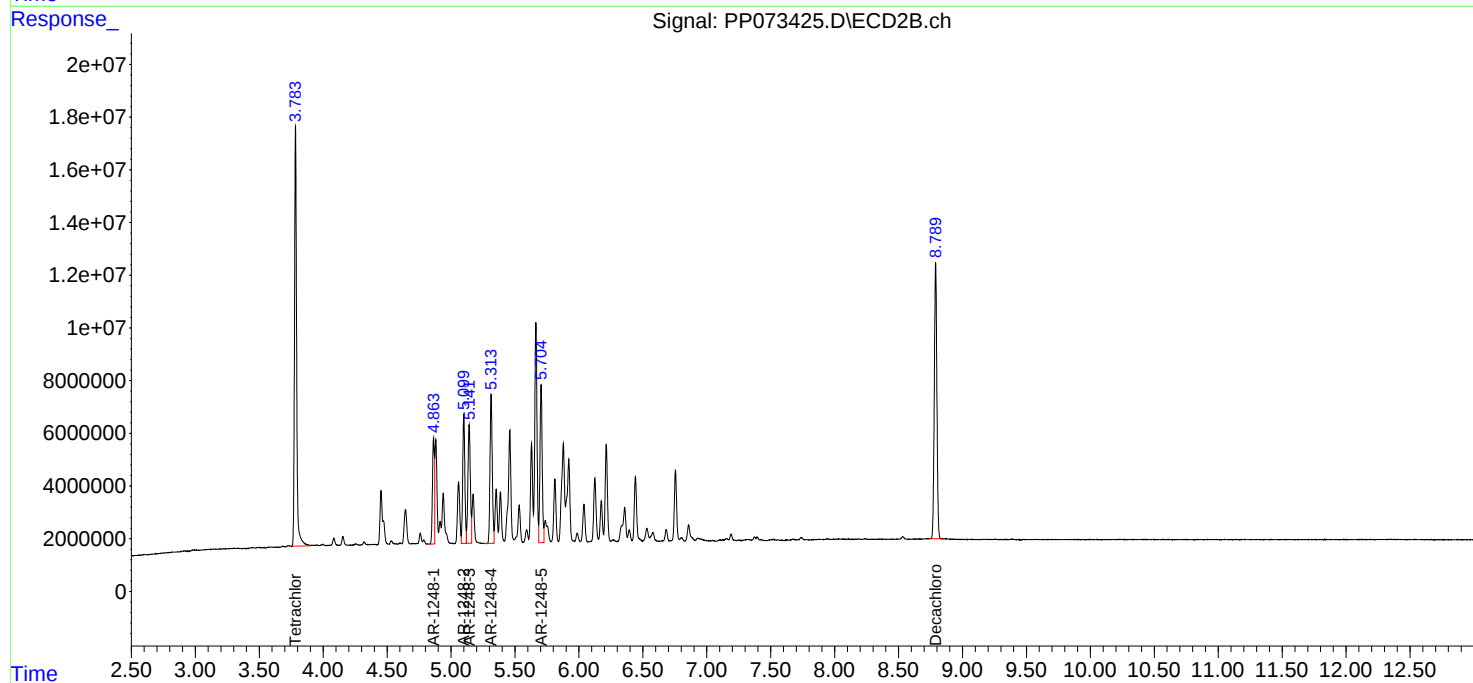
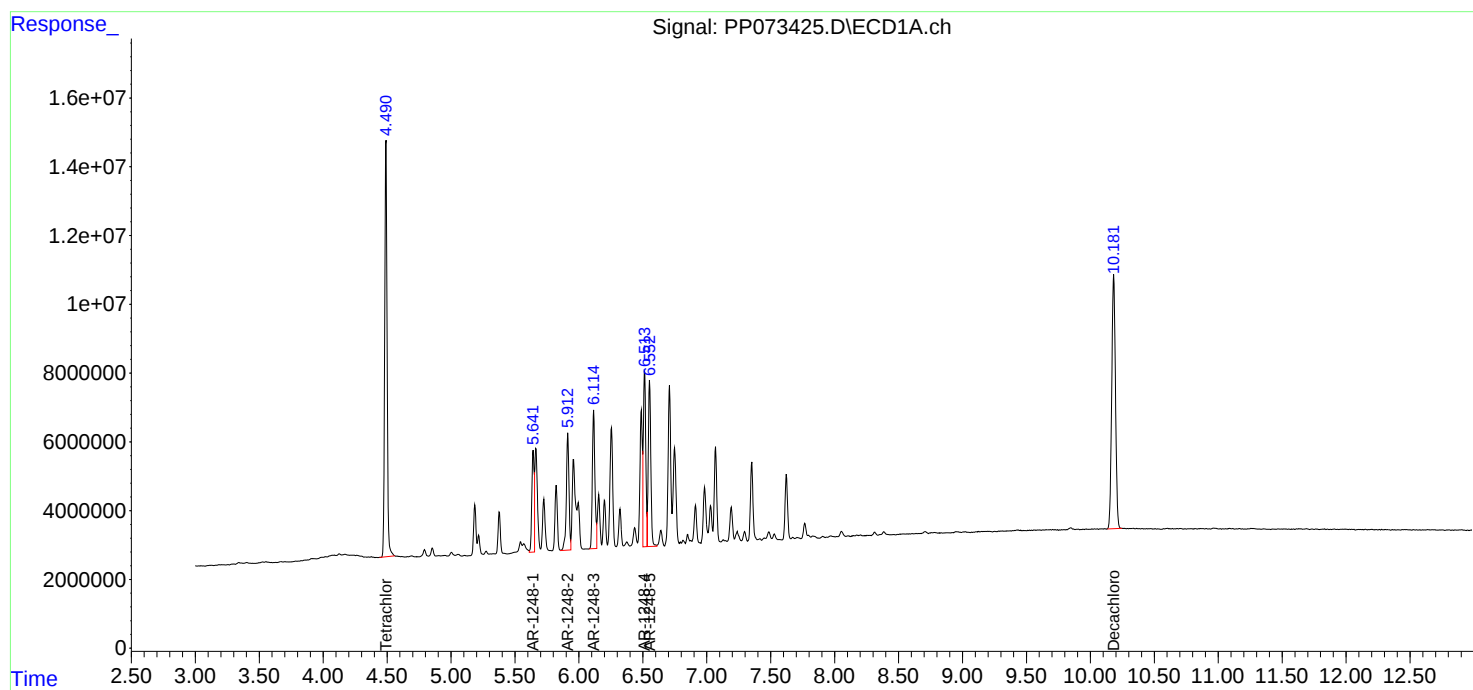
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.785	123.1E6	138.5E6	79.359	83.808
2) SA Decachlor...	10.182	8.790	114.4E6	104.2E6	77.360	78.752
Target Compounds						
21) L5 AR-1248-1	5.643	4.864	28612927	32880466	767.876	840.593
22) L5 AR-1248-2	5.914	5.101	37910785	44591712	776.427	839.931
23) L5 AR-1248-3	6.116	5.143	43806140	46372221	795.866	868.623
24) L5 AR-1248-4	6.514	5.314	53005250	54752218	766.986	872.163
25) L5 AR-1248-5	6.553	5.705	51631657	55581727	713.041	790.385

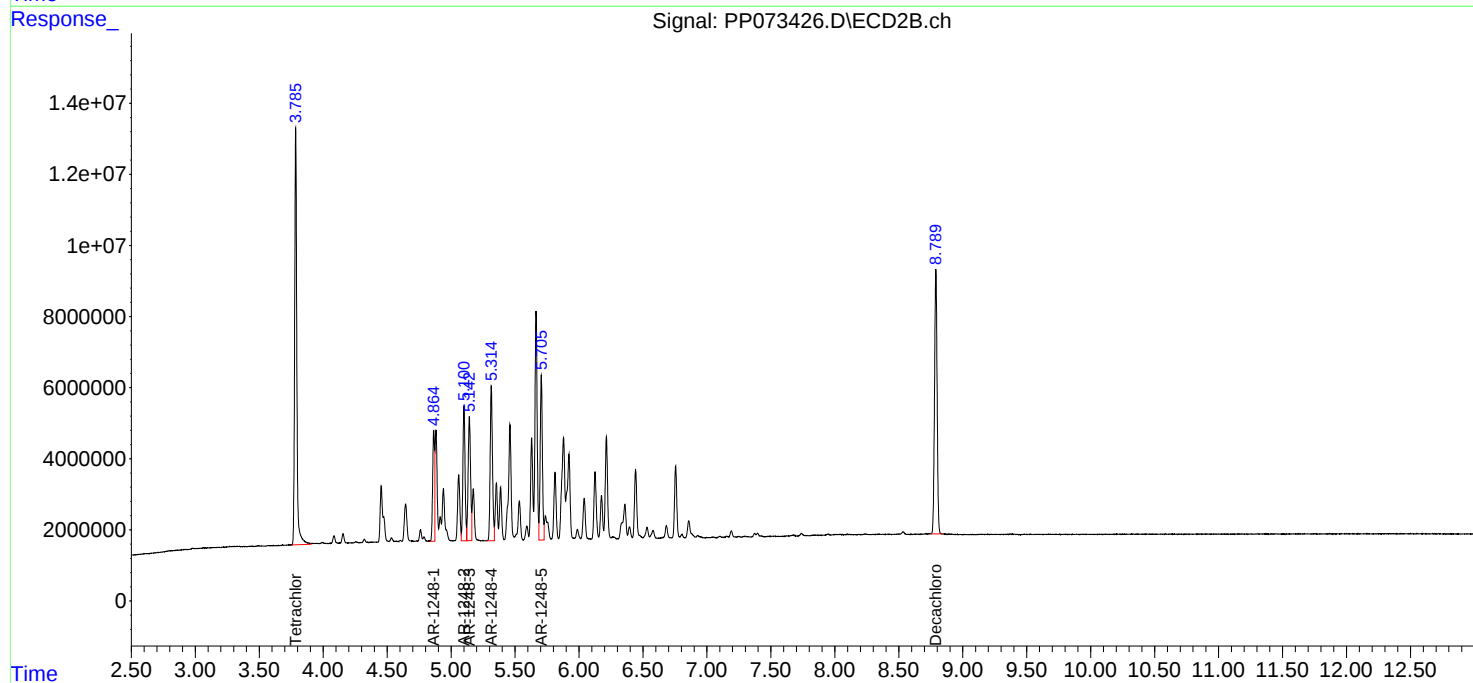
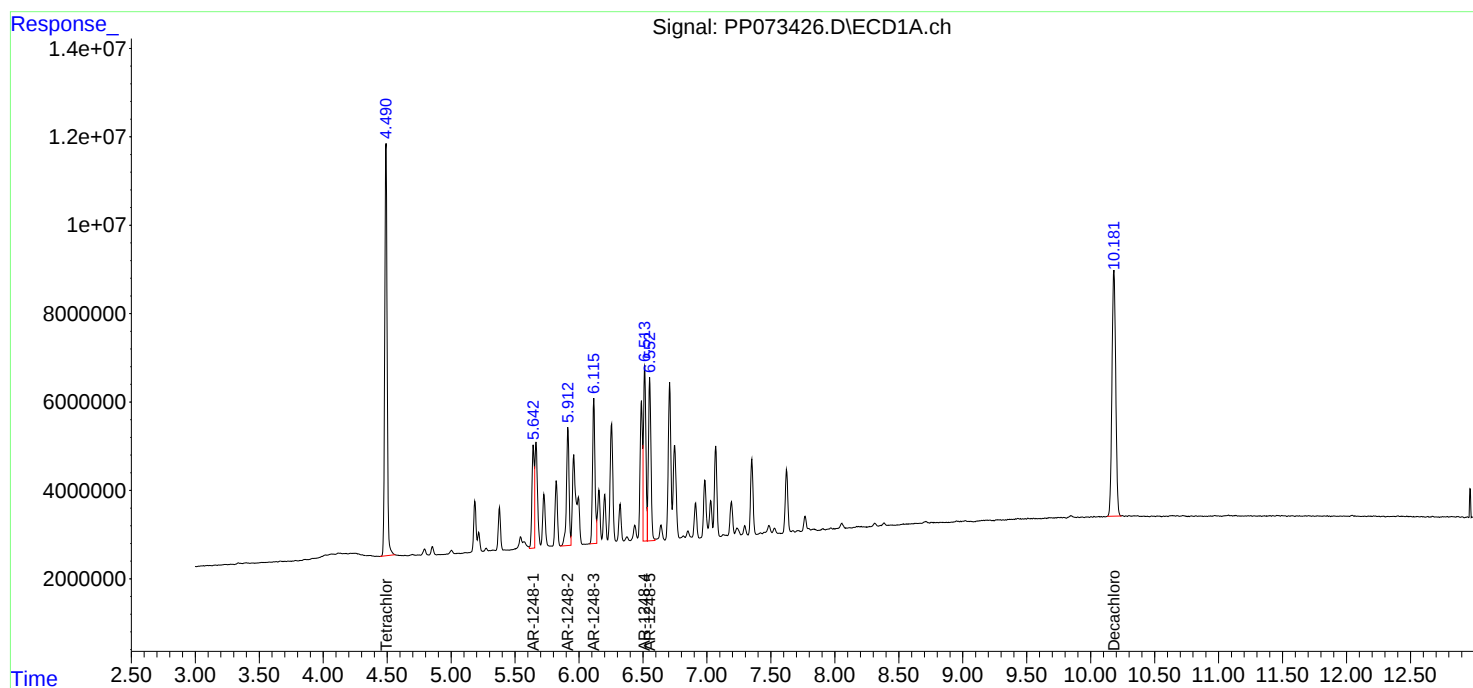
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.785	77587091	82653452	50.000	50.000
2) SA Decachlor...	10.180	8.790	73944063	66181018	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.640	4.864	18631218	19557888	500.000	500.000
22) L5 AR-1248-2	5.912	5.101	24413627	26544856	500.000	500.000
23) L5 AR-1248-3	6.114	5.142	27521049	26692940	500.000	500.000
24) L5 AR-1248-4	6.513	5.314	34554235	31388758	500.000	500.000
25) L5 AR-1248-5	6.551	5.704	36205269	35161187	500.000	500.000

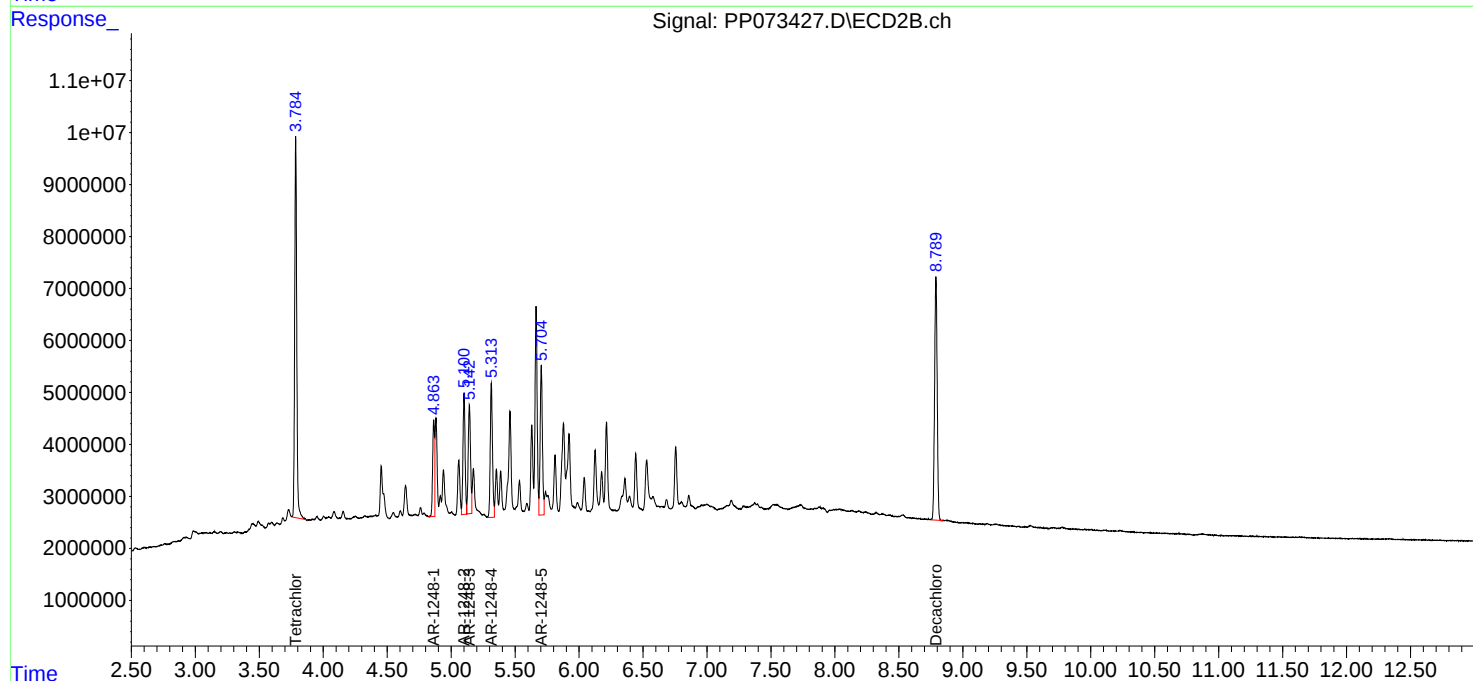
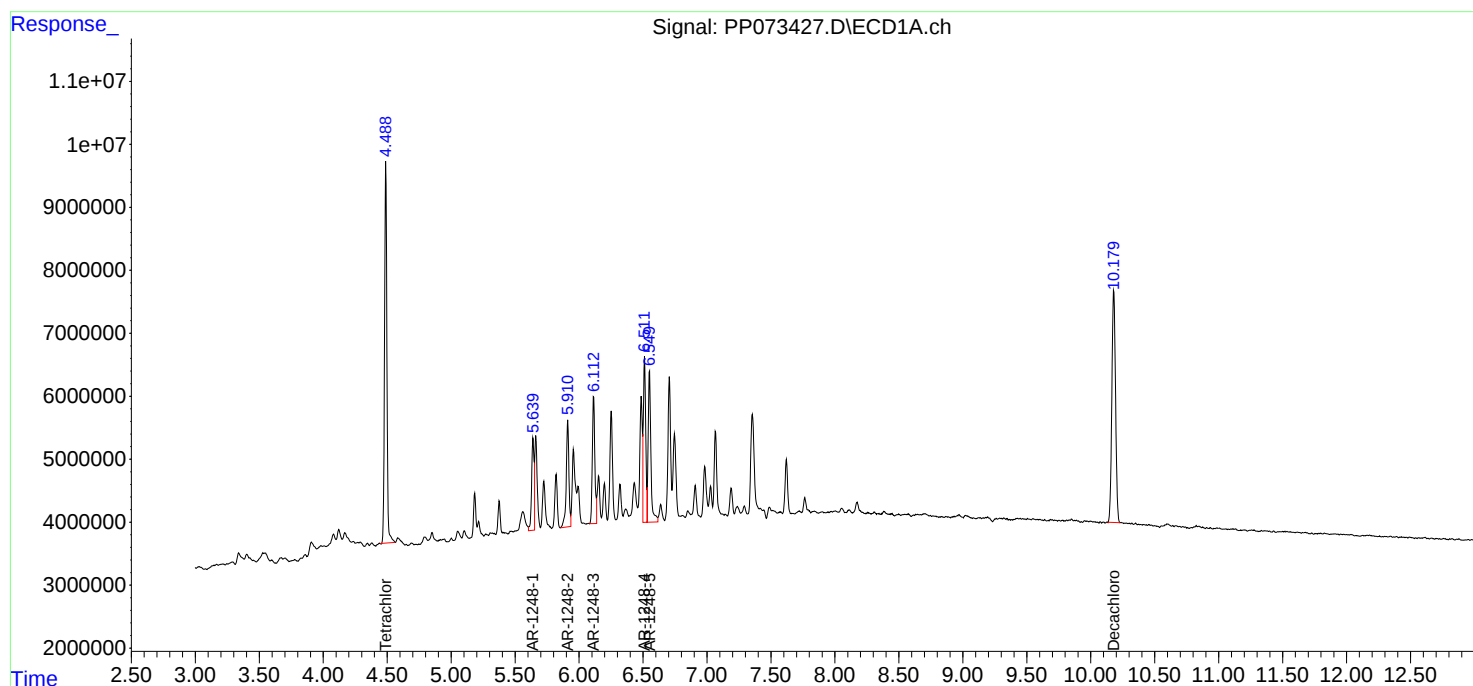
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:03:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.784	42016851	45188031	27.077	27.336
2) SA Decachlor...	10.185	8.789	38500242	38634687	26.033	29.189
Target Compounds						
21) L5 AR-1248-1	5.644	4.863	10363024	11555190	278.109	295.410
22) L5 AR-1248-2	5.915	5.100	12944597	15620546	265.110	294.229
23) L5 AR-1248-3	6.117	5.142	15180592	16166933	275.800	302.832
24) L5 AR-1248-4	6.516	5.313	18987735	19169787	274.753	305.361
25) L5 AR-1248-5	6.555	5.704	18969439	19356367	261.971	275.252

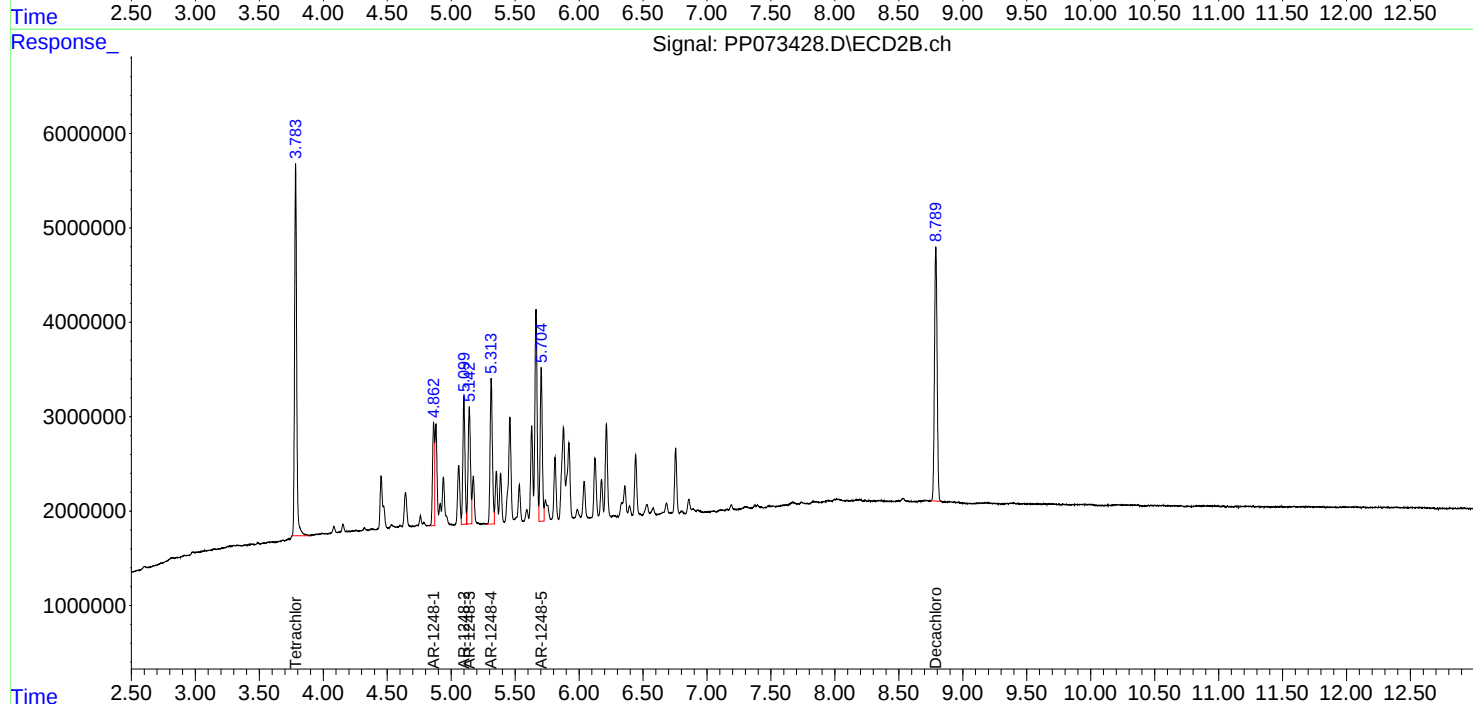
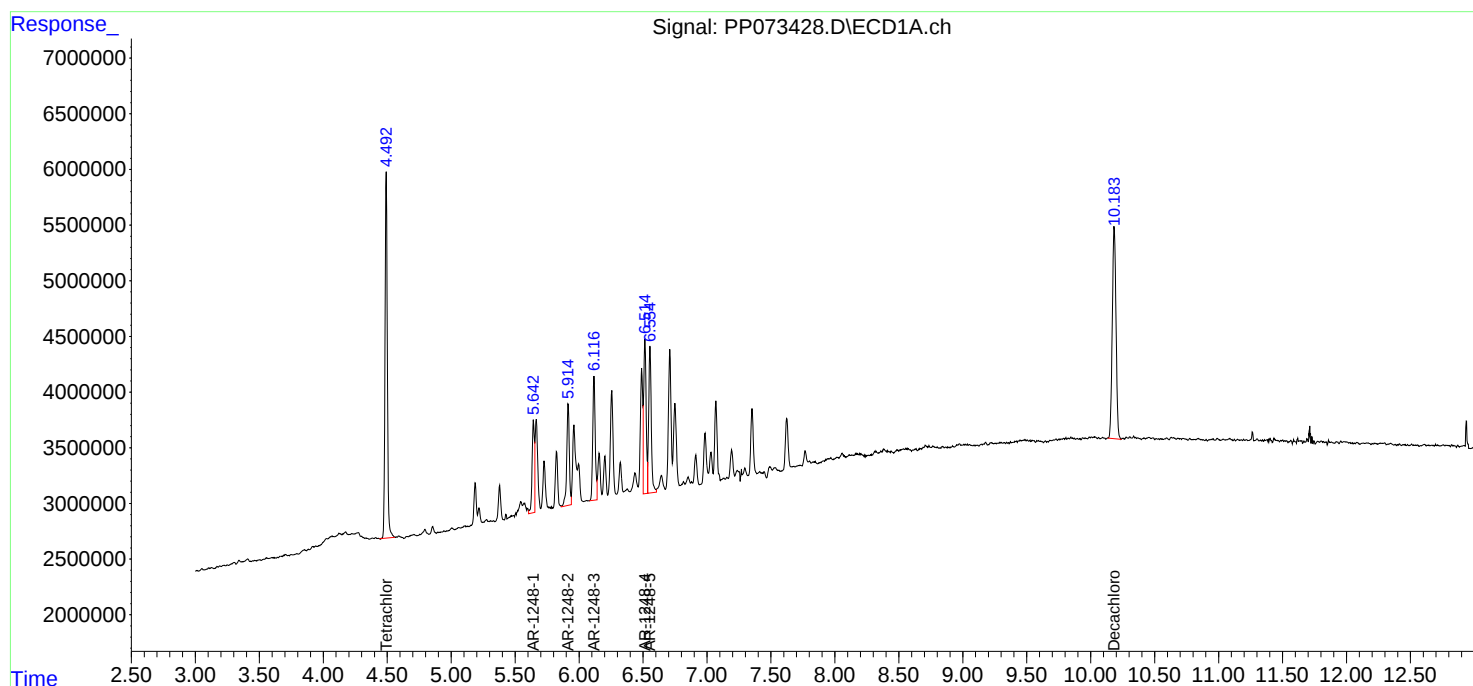
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:02:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.784	6974748	8112567	4.495	4.908
2) SA Decachlor...	10.183	8.789	6340354	6776882	4.287	5.120
Target Compounds						
21) L5 AR-1248-1	5.642	4.864	2114319	2437798	56.741	62.323
22) L5 AR-1248-2	5.913	5.100	2928122	3133689	59.969	59.026
23) L5 AR-1248-3	6.115	5.142	2629609	3125553	47.775	58.546
24) L5 AR-1248-4	6.512	5.314	3404488	3727193	49.263m	59.371
25) L5 AR-1248-5	6.551	5.705	3308295	3656054	45.688m	51.990

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

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

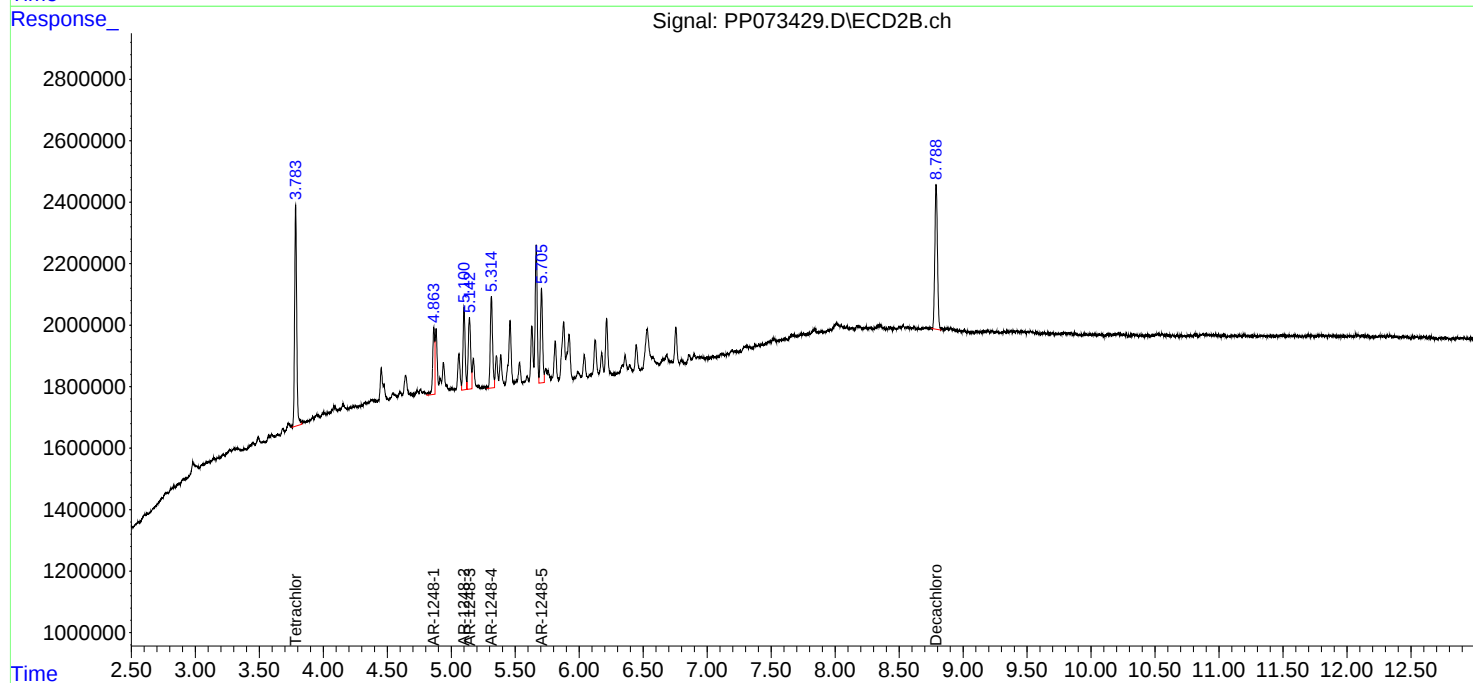
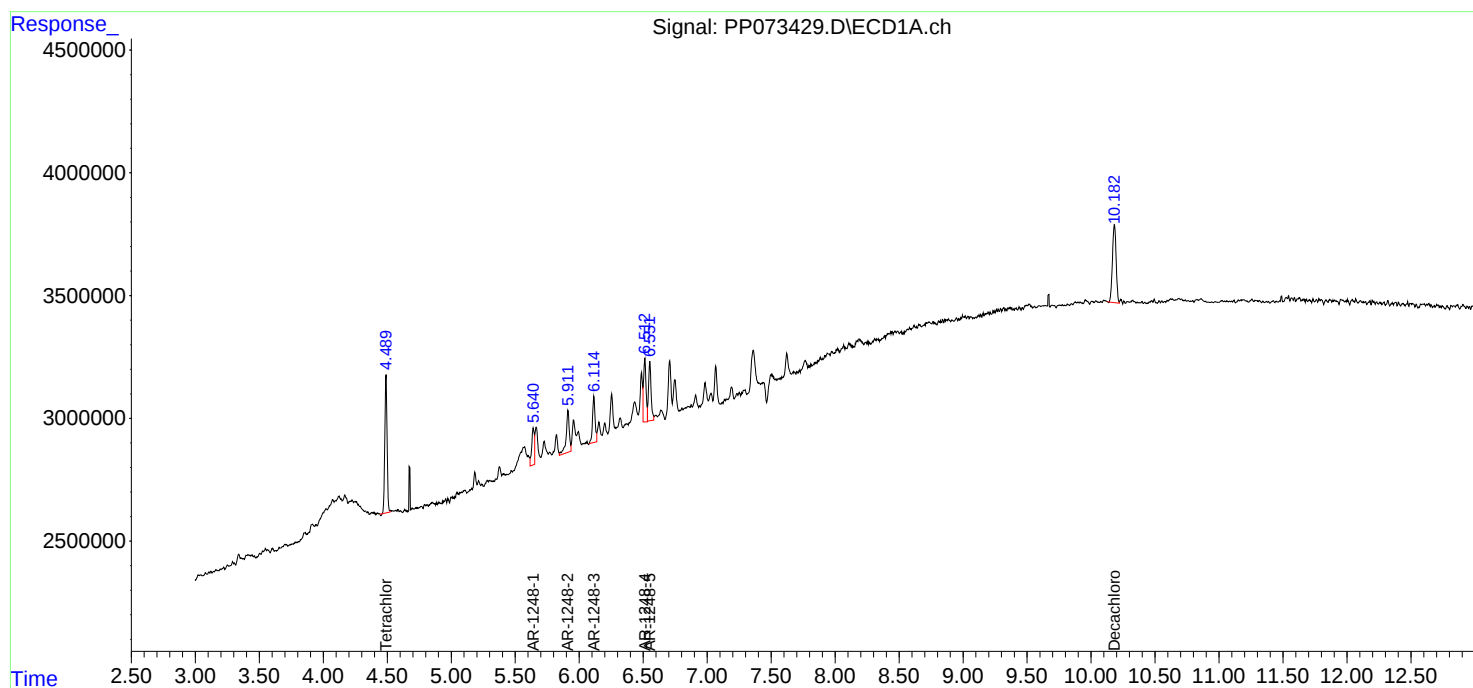
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:02:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.783	157.8E6	175.5E6	93.834	94.941
2) SA Decachlor...	10.178	8.789	148.2E6	136.5E6	95.152	93.158
Target Compounds						
26) L6 AR-1254-1	6.487	5.663	63999015	102.9E6	919.421	944.108
27) L6 AR-1254-2	6.704	5.811	96232579	89245302	935.295	945.717
28) L6 AR-1254-3	7.067	6.214	103.4E6	143.5E6	927.780	971.248
29) L6 AR-1254-4	7.349	6.441	94005550	87925313	946.291	955.936
30) L6 AR-1254-5	7.765	6.857	92682459	128.5E6	949.011	968.943

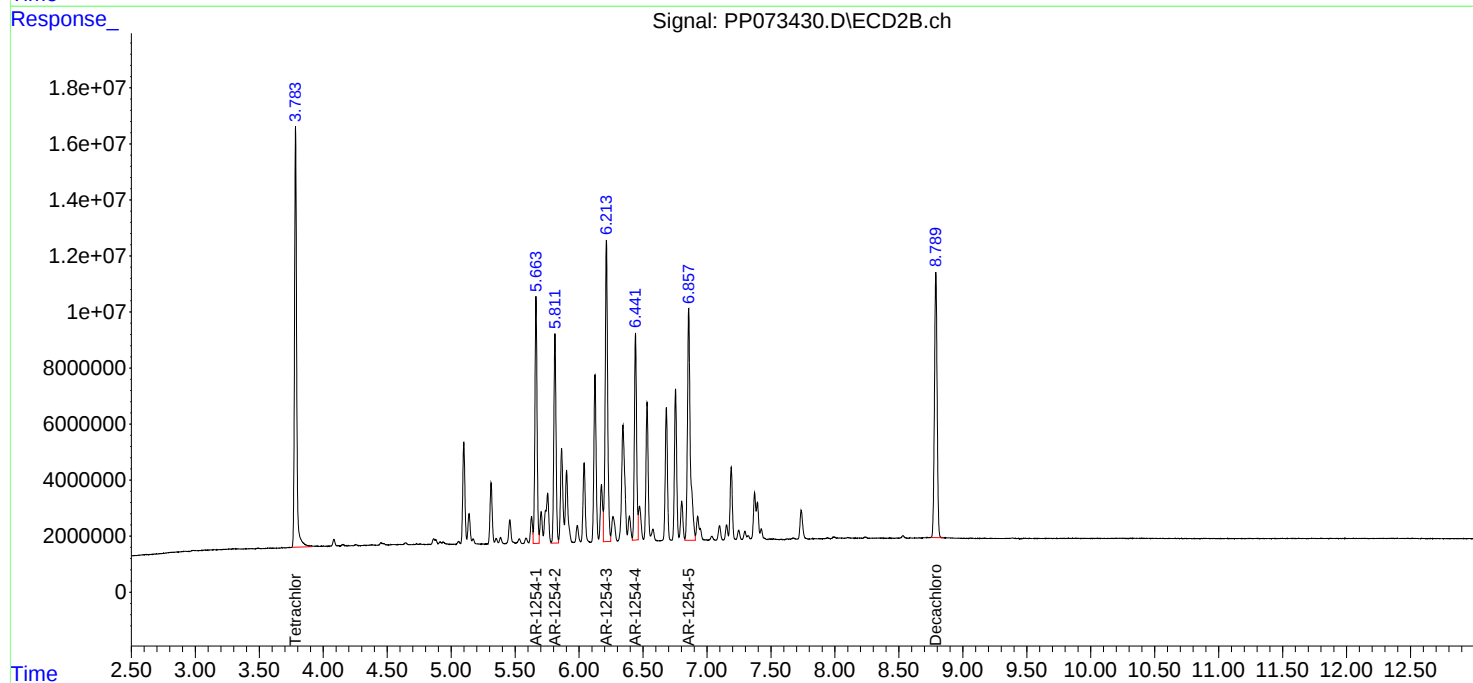
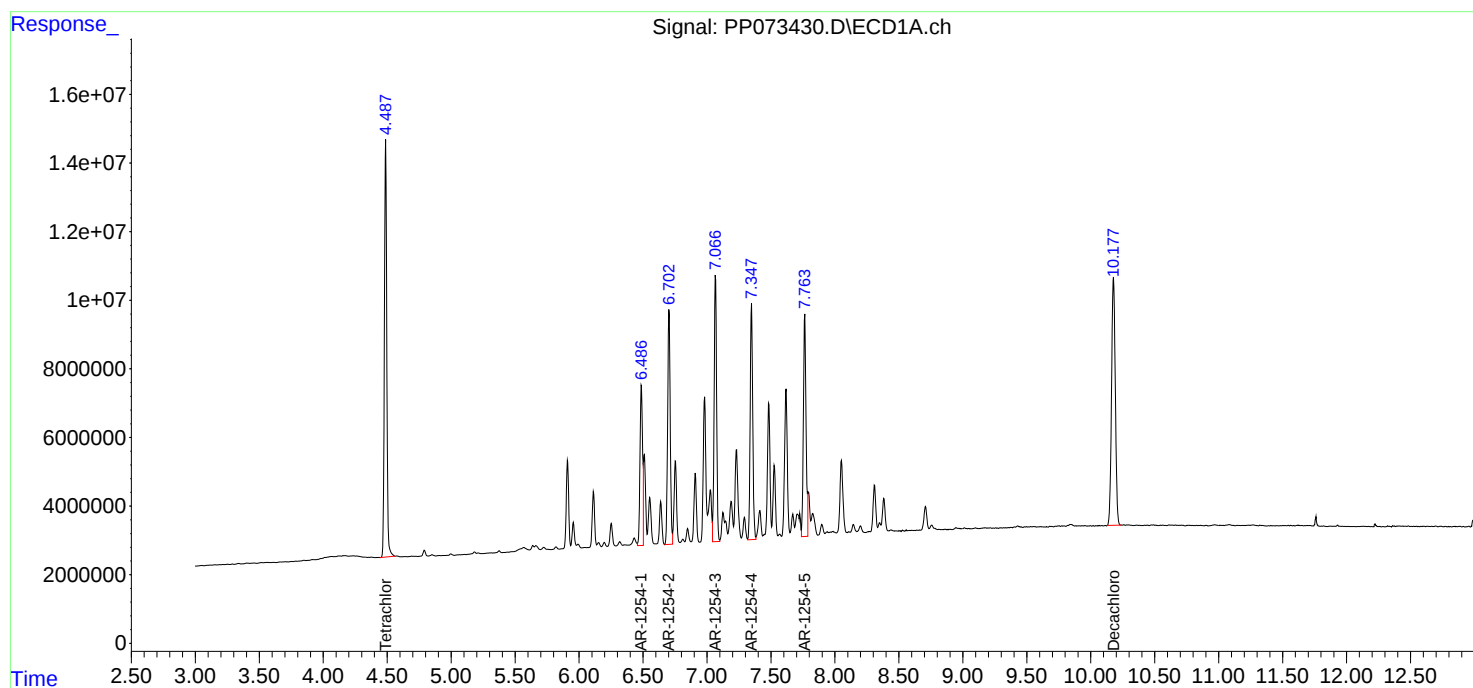
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.784	123.4E6	136.1E6	73.372	73.604
2) SA Decachlor...	10.184	8.789	114.3E6	108.1E6	73.438	73.792
Target Compounds						
26) L6 AR-1254-1	6.491	5.663	50875749	79944383	730.890	733.246
27) L6 AR-1254-2	6.707	5.811	75727033	69497909	735.999	736.457
28) L6 AR-1254-3	7.070	6.213	81107828	109.6E6	728.095	741.474
29) L6 AR-1254-4	7.352	6.442	73247579	69019922	737.334	750.394
30) L6 AR-1254-5	7.768	6.858	72029008	100.1E6	737.532	754.795

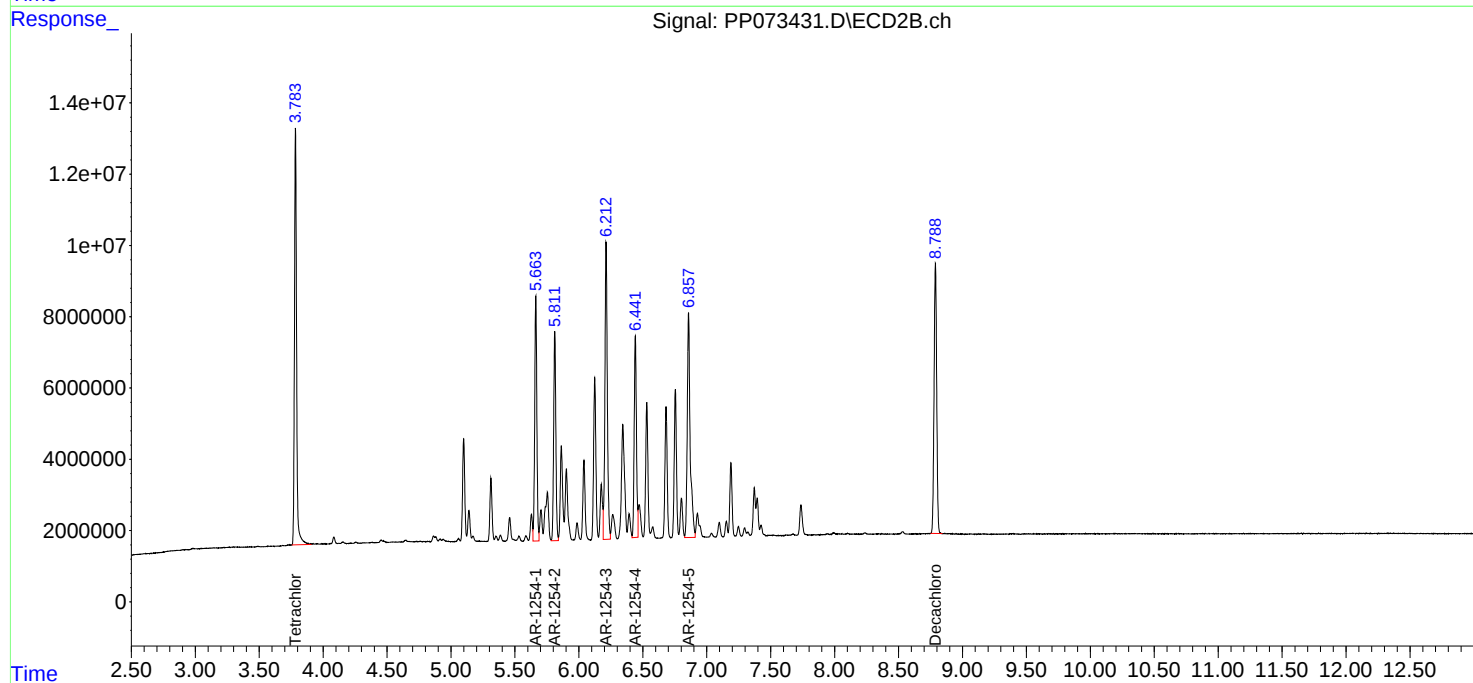
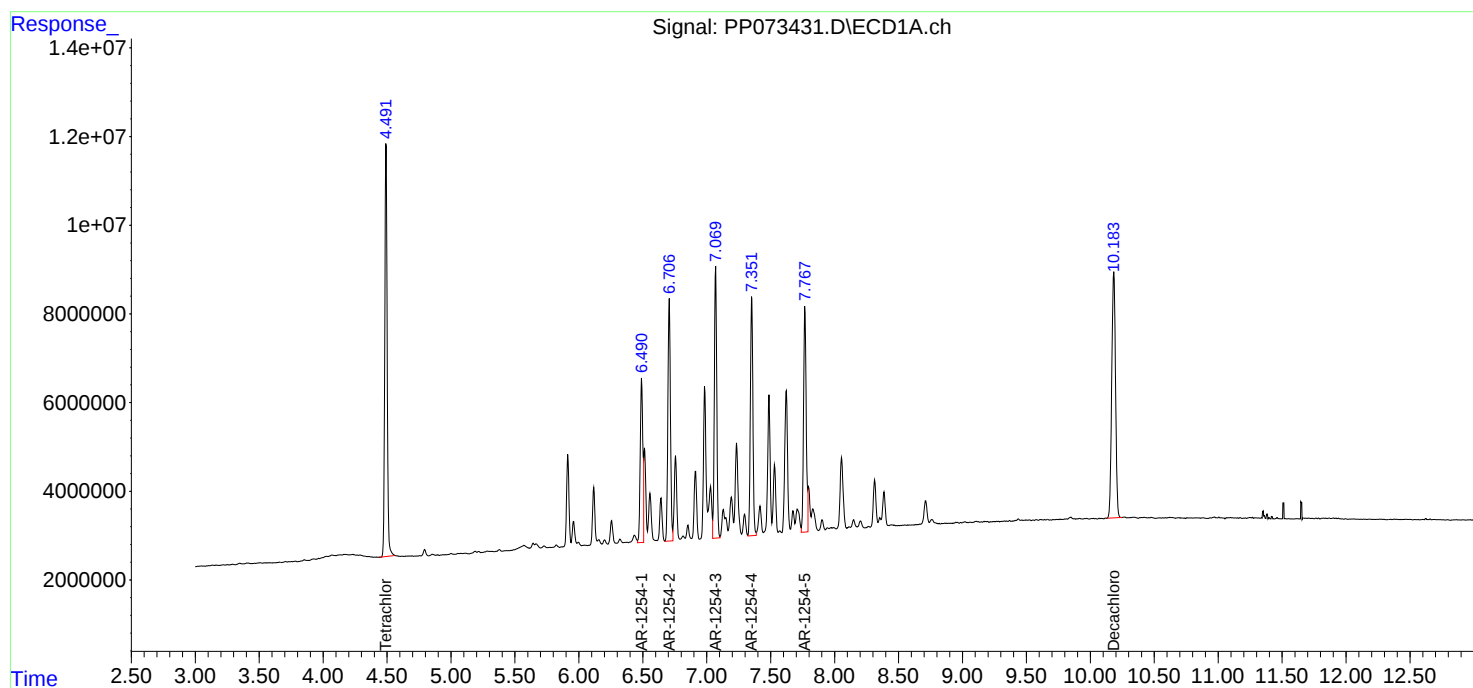
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.784	84066650	92430979	50.000	50.000
2) SA Decachlor...	10.181	8.789	77850371	73277086	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.489	5.663	34803964	54514050	500.000	500.000
27) L6 AR-1254-2	6.705	5.812	51445059	47183929	500.000	500.000
28) L6 AR-1254-3	7.068	6.214	55698629	73891310	500.000	500.000
29) L6 AR-1254-4	7.350	6.442	49670528	45989122	500.000	500.000
30) L6 AR-1254-5	7.766	6.858	48831087	66295418	500.000	500.000

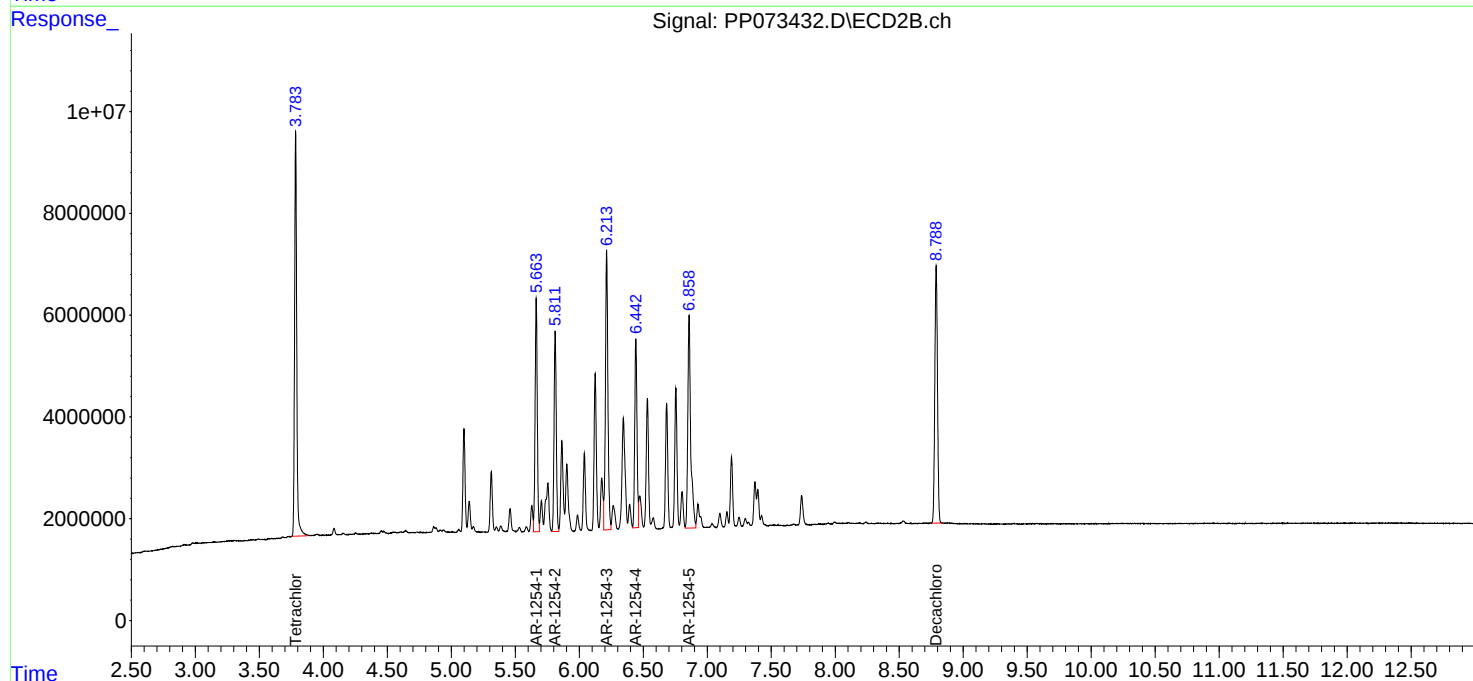
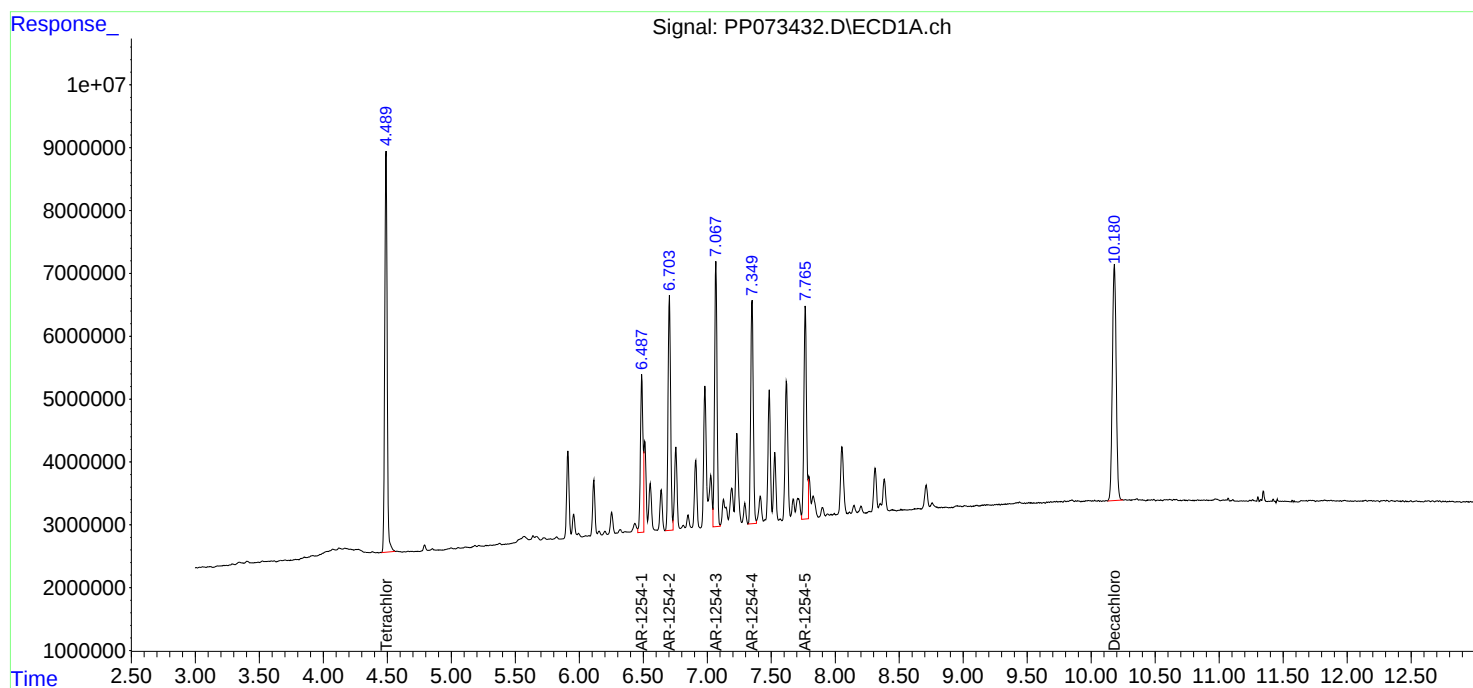
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:17:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.784	44133317	48213287	26.249	26.081
2) SA Decachlor...	10.179	8.788	39722884	39245134	25.512	26.779
Target Compounds						
26) L6 AR-1254-1	6.488	5.664	19013532	30182932	273.152	276.836
27) L6 AR-1254-2	6.704	5.812	27573021	26319487	267.985	278.903
28) L6 AR-1254-3	7.067	6.213	29220918	40420293	262.313	273.512
29) L6 AR-1254-4	7.349	6.442	25922692	25185924	260.946	273.825
30) L6 AR-1254-5	7.765	6.858	25251815	34861235	258.563	262.923

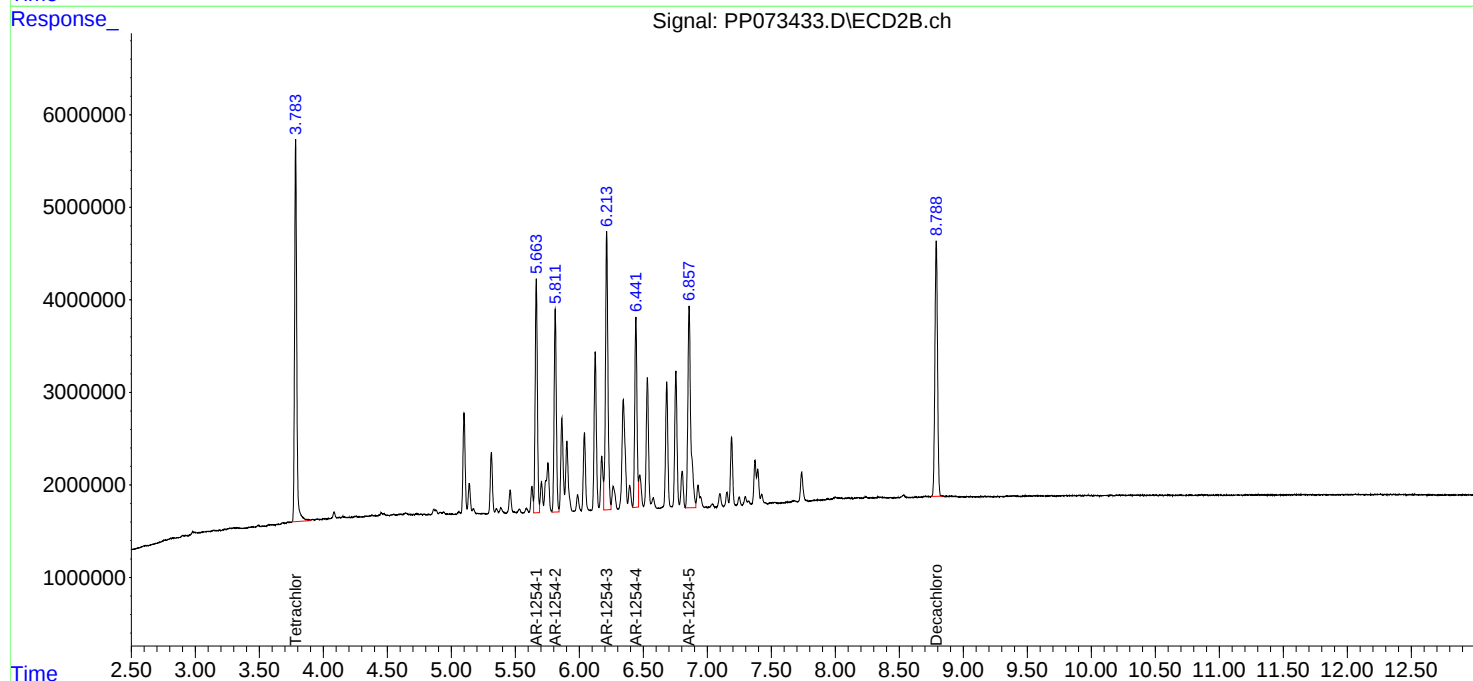
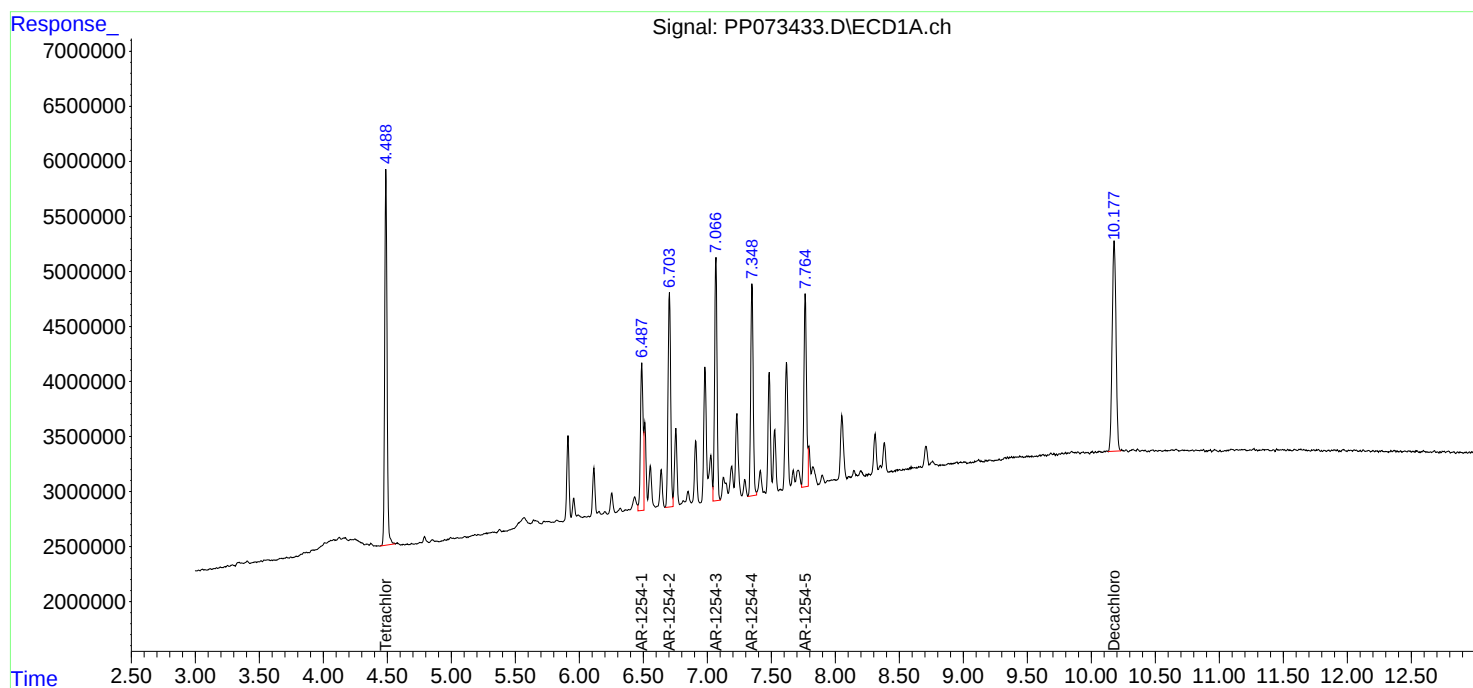
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:17:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:18:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:16:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.490	3.782	7015780	7573994	4.173	4.097m
2)	SA Decachlor...	10.180	8.788	6301763	7013067	4.047	4.785
Target Compounds							
26)	L6 AR-1254-1	6.487	5.663	3858067	5422793	55.426m	49.738
27)	L6 AR-1254-2	6.703	5.810	5265658	5167702	51.177m	54.761
28)	L6 AR-1254-3	7.066	6.213	6430422	6879717	57.725m	46.553
29)	L6 AR-1254-4	7.349	6.442	5136517	3922527	51.706m	42.646
30)	L6 AR-1254-5	7.765	6.857	4323827	6571519	44.273m	49.562

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

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

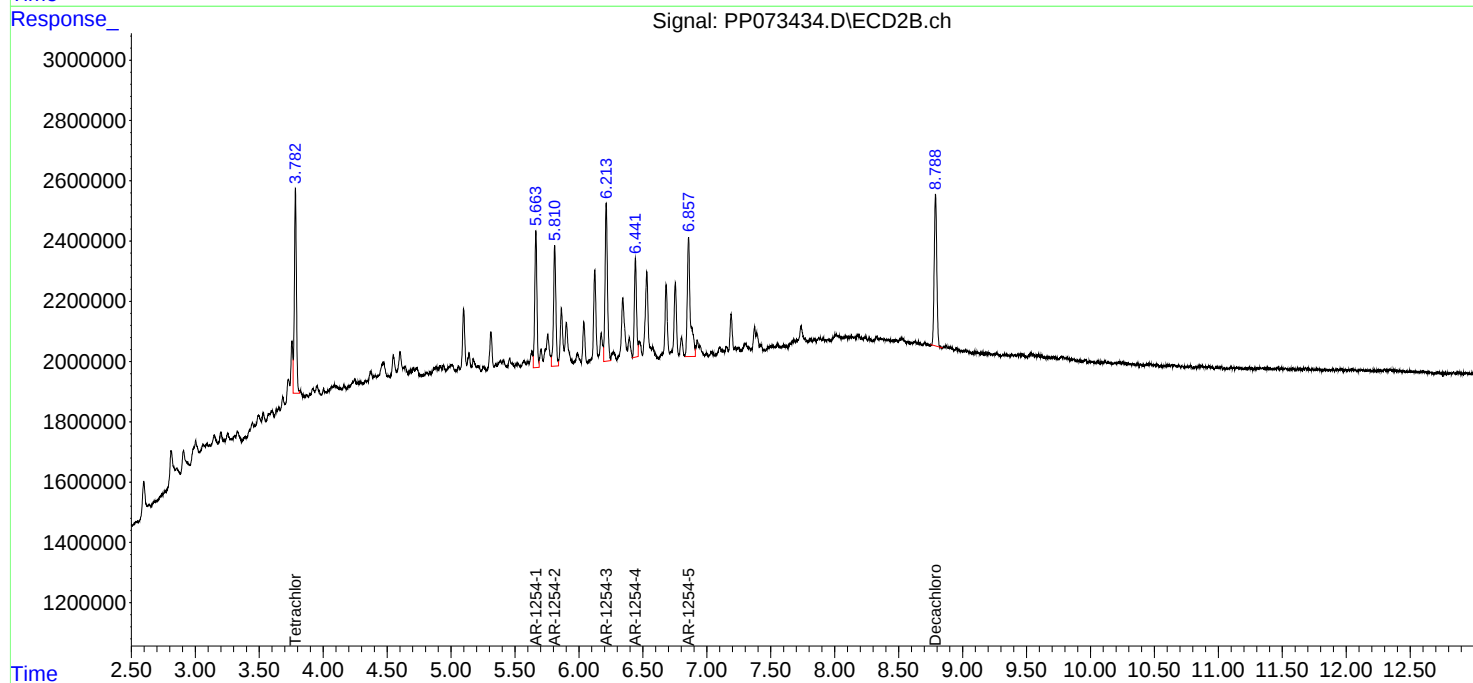
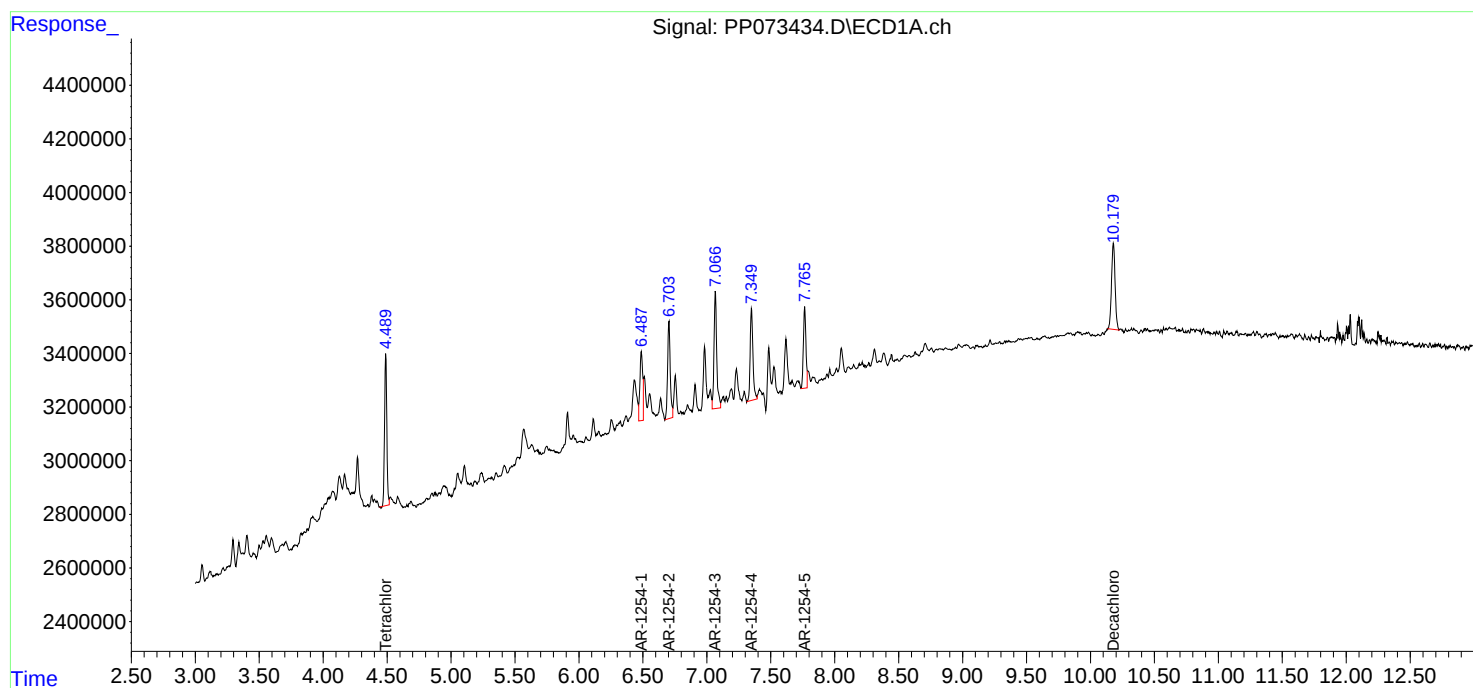
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:18:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:16:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:37:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:37:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	83568540	92029378	50.000	50.000
2) SA Decachlor...	10.180	8.789	77323391	74822430	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.067	6.896	57612317	75026399	500.000	500.000
37) L8 AR-1262-2	8.383	7.153	124.5E6	62416939	500.000	500.000
38) L8 AR-1262-3	8.697	7.676	81646825	55578701	500.000	500.000
39) L8 AR-1262-4	8.783	7.741	61004541	91141537	500.000	500.000
40) L8 AR-1262-5	9.432	8.238	43476865	43600894	500.000	500.000

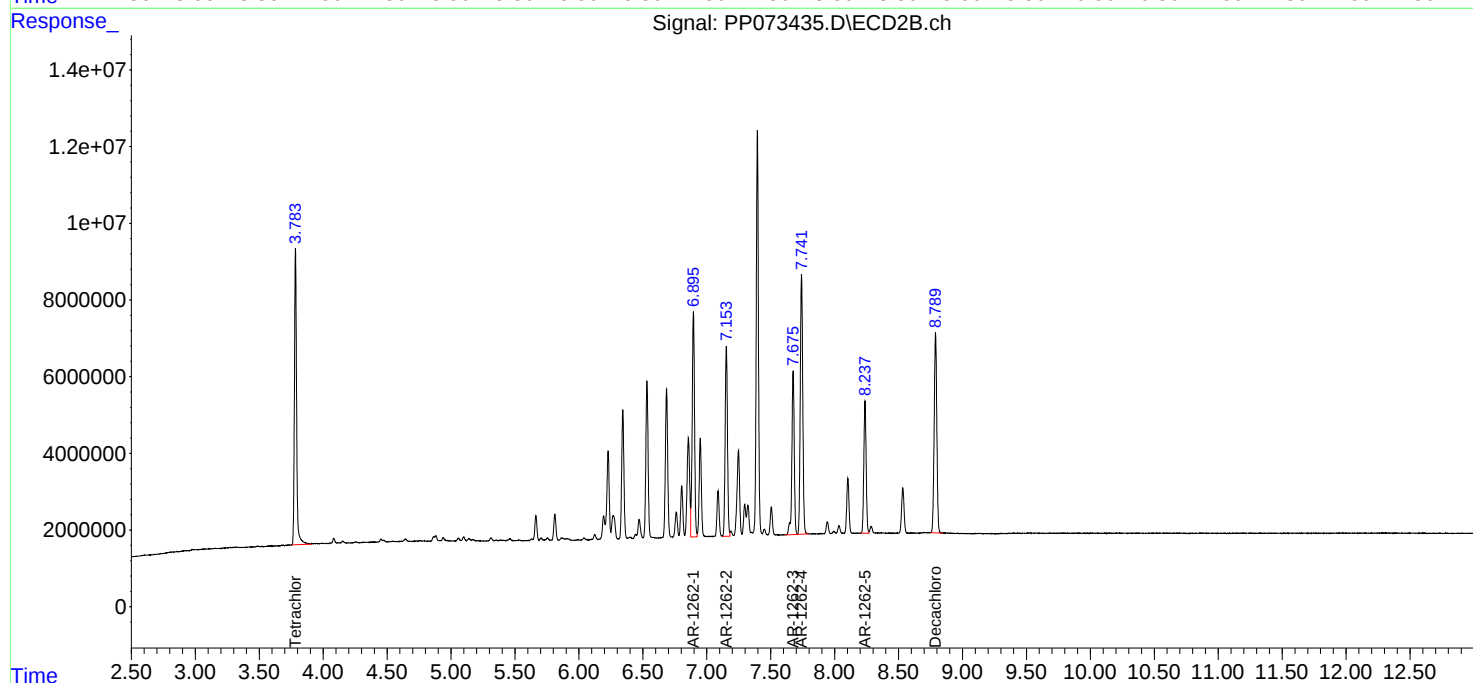
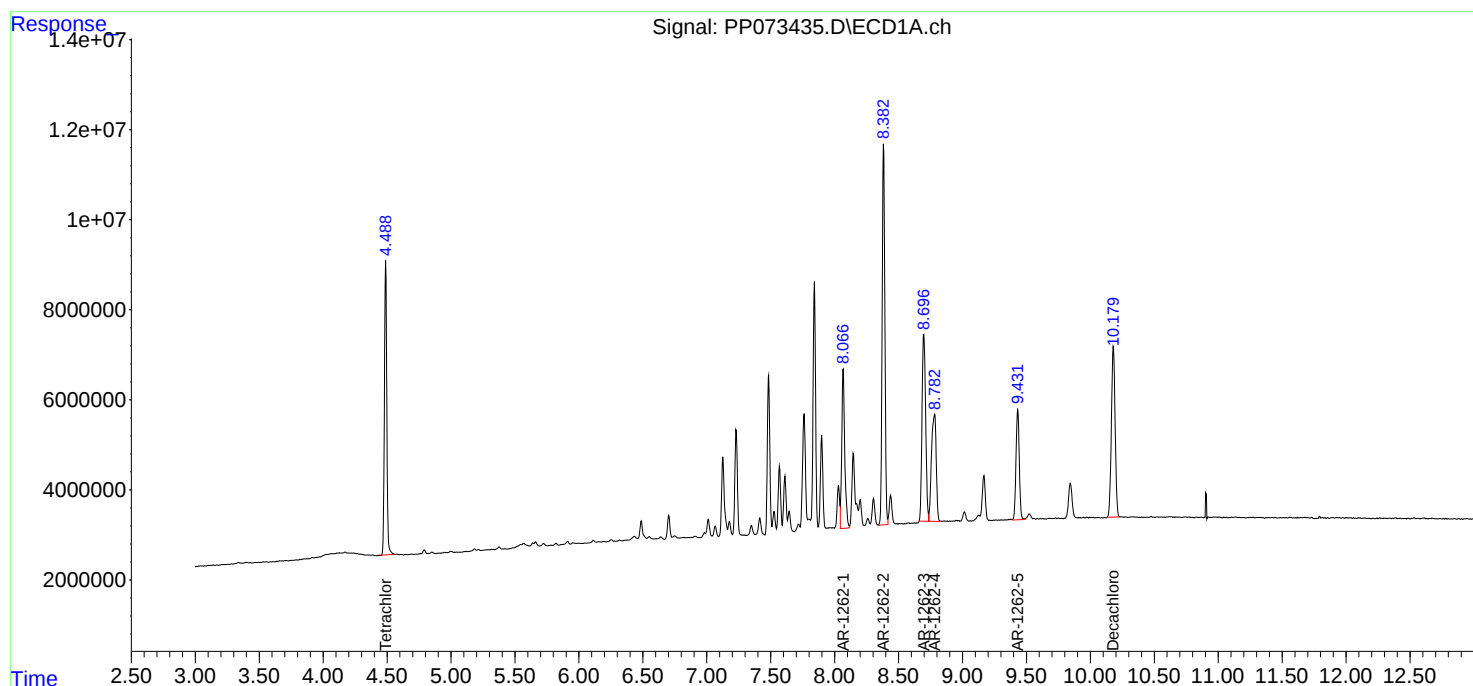
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:37:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.784	161.8E6	183.6E6	93.157	97.537
2) SA Decachlor...	10.181	8.789	265.8E6	250.4E6	93.524	92.709
Target Compounds						
41) L9 AR-1268-1	8.696	7.675	286.6E6	282.6E6	932.133	928.414
42) L9 AR-1268-2	8.789	7.742	247.9E6	251.1E6	931.230	922.957
43) L9 AR-1268-3	9.017	7.943	214.7E6	211.3E6	938.851	917.981
44) L9 AR-1268-4	9.435	8.237	94022064	93313531	953.632	927.151
45) L9 AR-1268-5	9.846	8.534	630.9E6	614.9E6	954.818	951.394

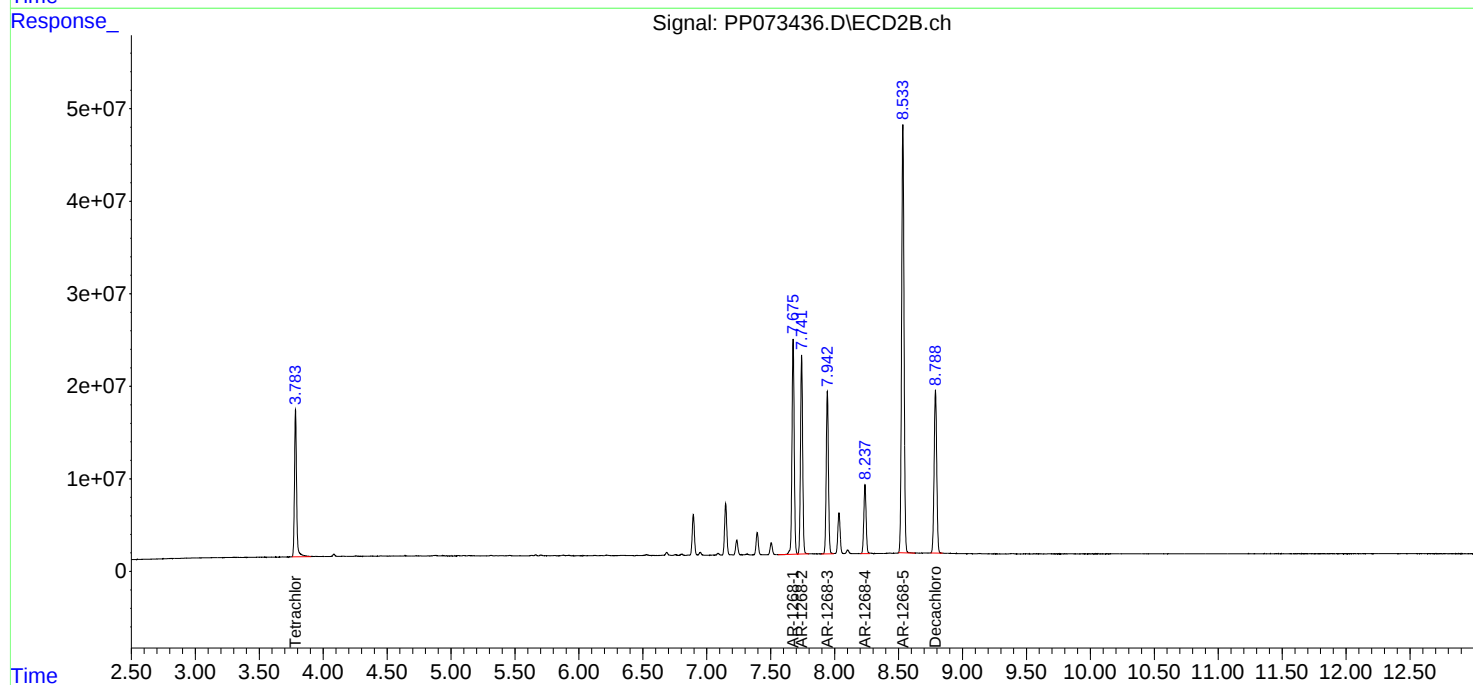
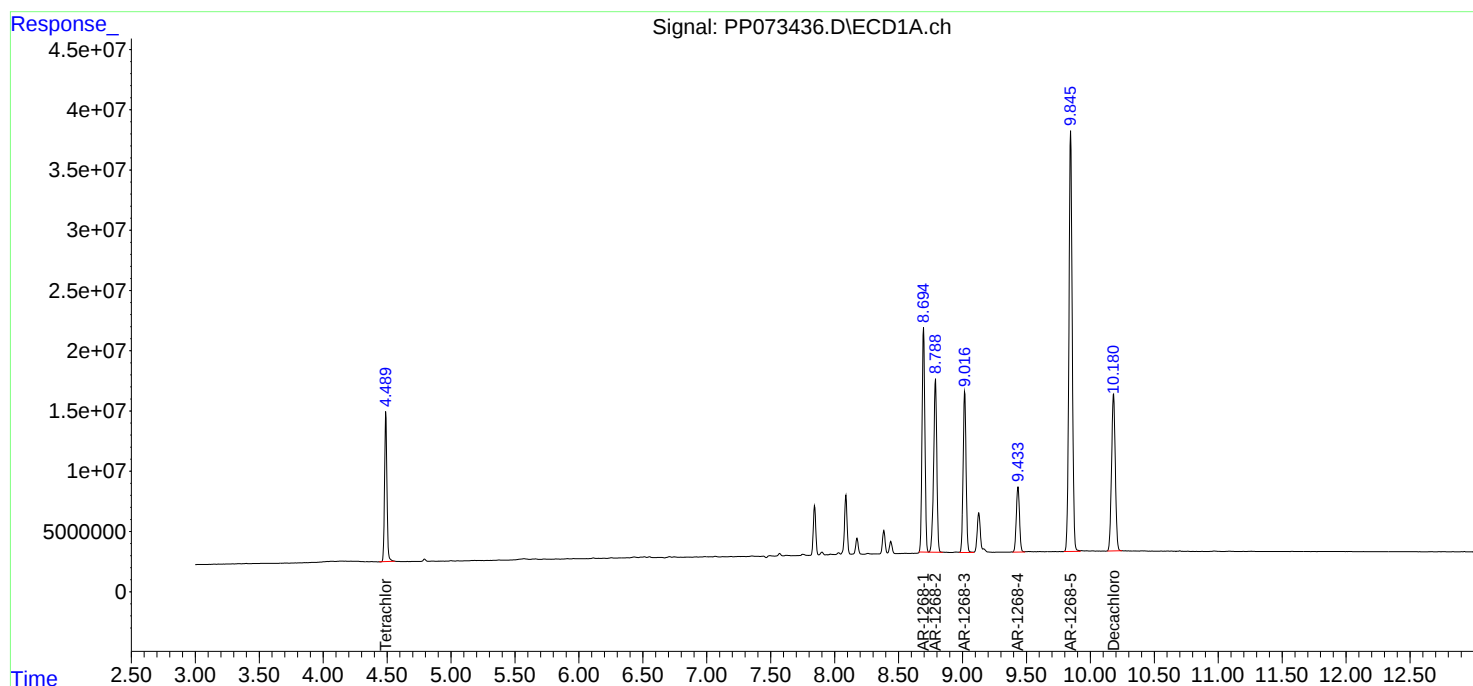
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.783	123.0E6	137.6E6	70.856	73.102
2) SA Decachlor...	10.178	8.789	202.2E6	196.7E6	71.171	72.811
Target Compounds						
41) L9 AR-1268-1	8.693	7.675	216.8E6	228.0E6	705.044	748.877
42) L9 AR-1268-2	8.786	7.741	188.5E6	203.0E6	708.117	745.955
43) L9 AR-1268-3	9.014	7.943	163.2E6	171.5E6	713.641	745.245
44) L9 AR-1268-4	9.432	8.237	71120936	74365023	721.354	738.881
45) L9 AR-1268-5	9.842	8.533	477.4E6	483.1E6	722.531	747.483

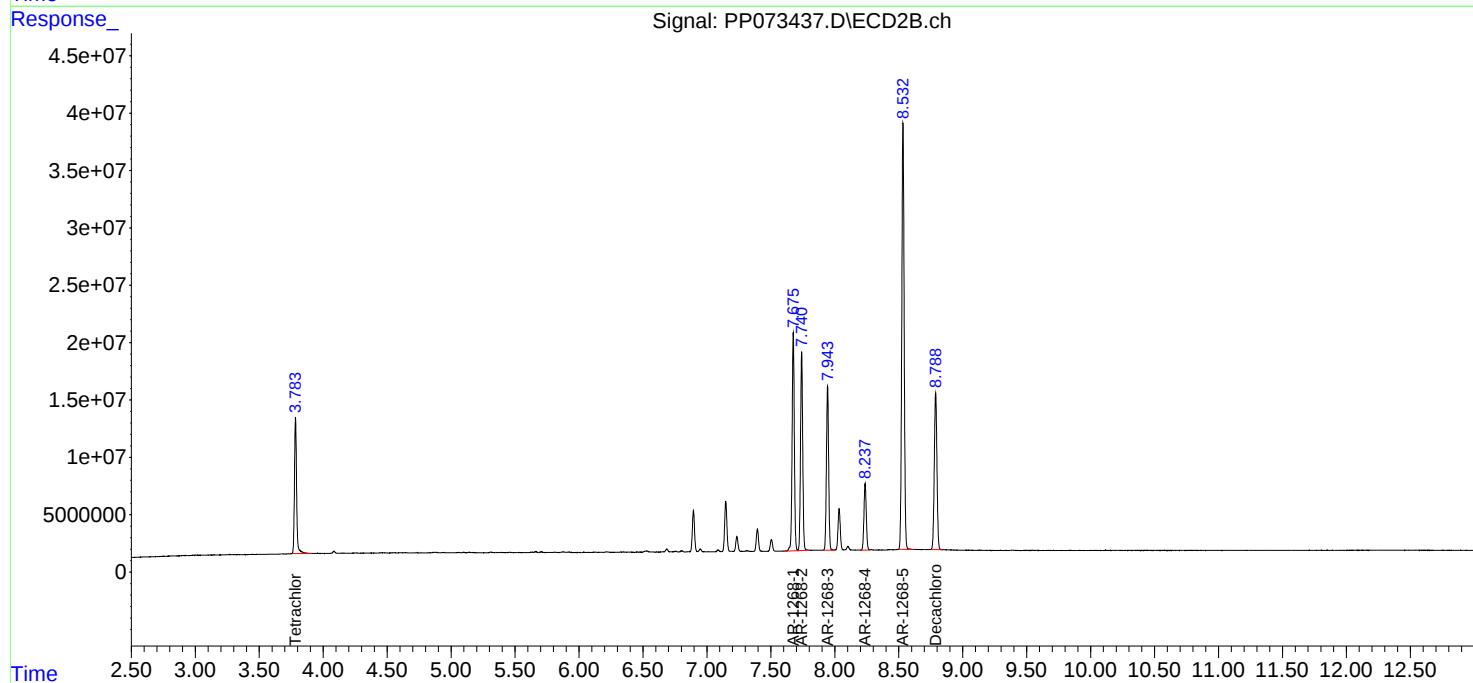
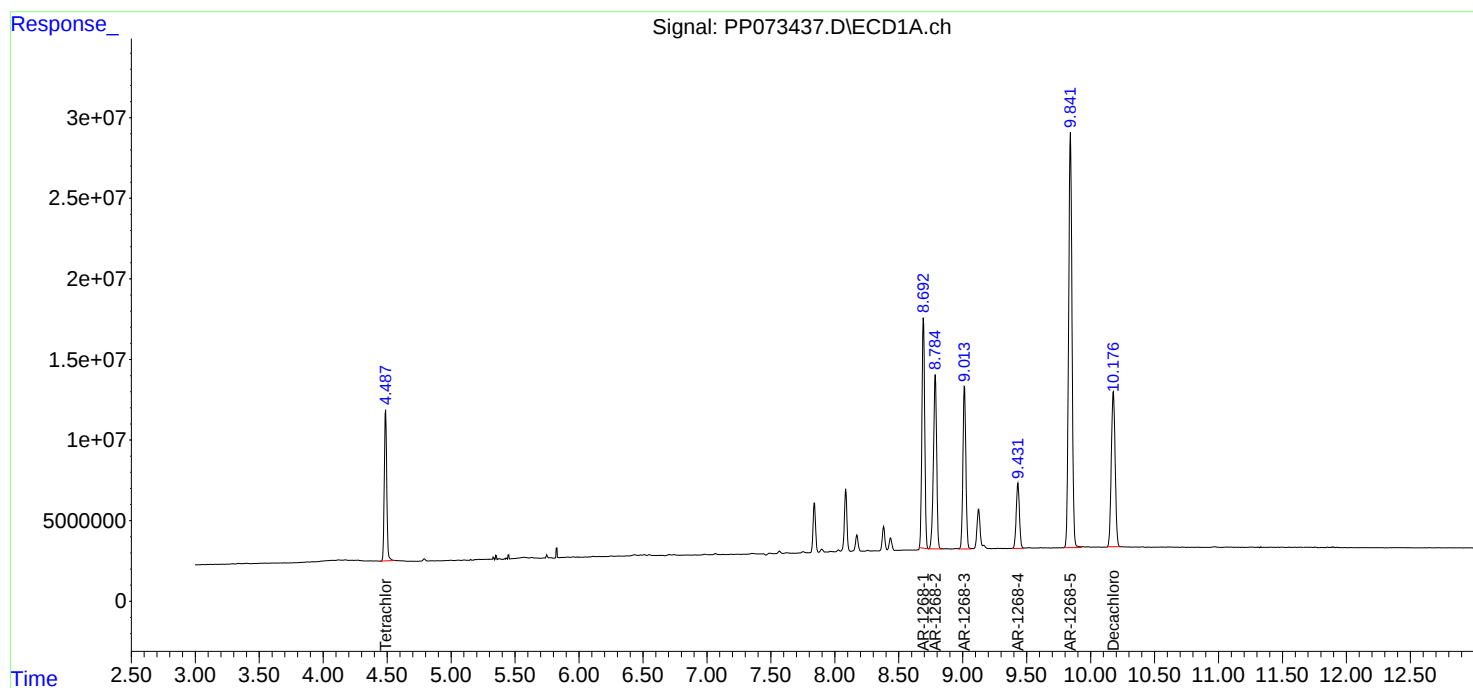
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:40:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.784	86820038	94141773	50.000	50.000
2) SA Decachlor...	10.183	8.788	142.1E6	135.0E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.697	7.675	153.7E6	152.2E6	500.000	500.000
42) L9 AR-1268-2	8.790	7.741	133.1E6	136.0E6	500.000	500.000
43) L9 AR-1268-3	9.019	7.943	114.3E6	115.1E6	500.000	500.000
44) L9 AR-1268-4	9.435	8.238	49296838	50322704	500.000	500.000
45) L9 AR-1268-5	9.847	8.533	330.4E6	323.1E6	500.000	500.000

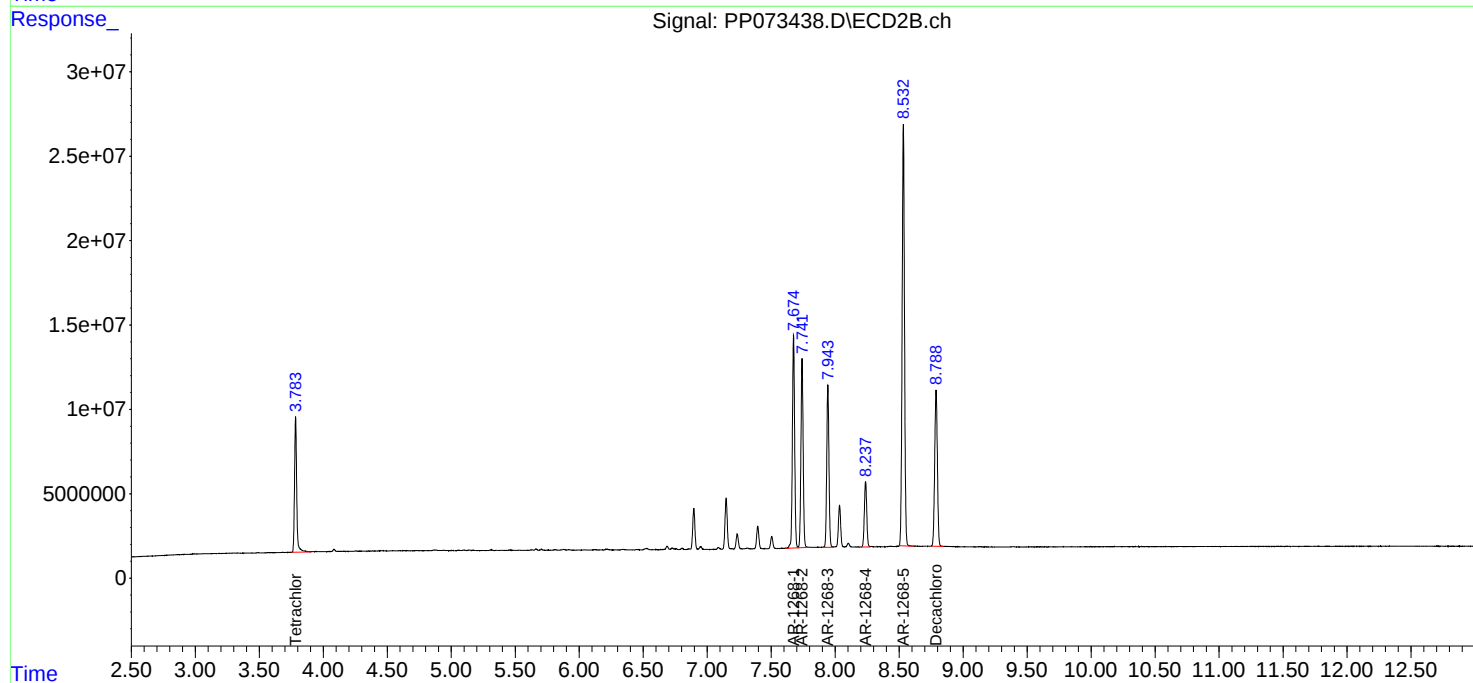
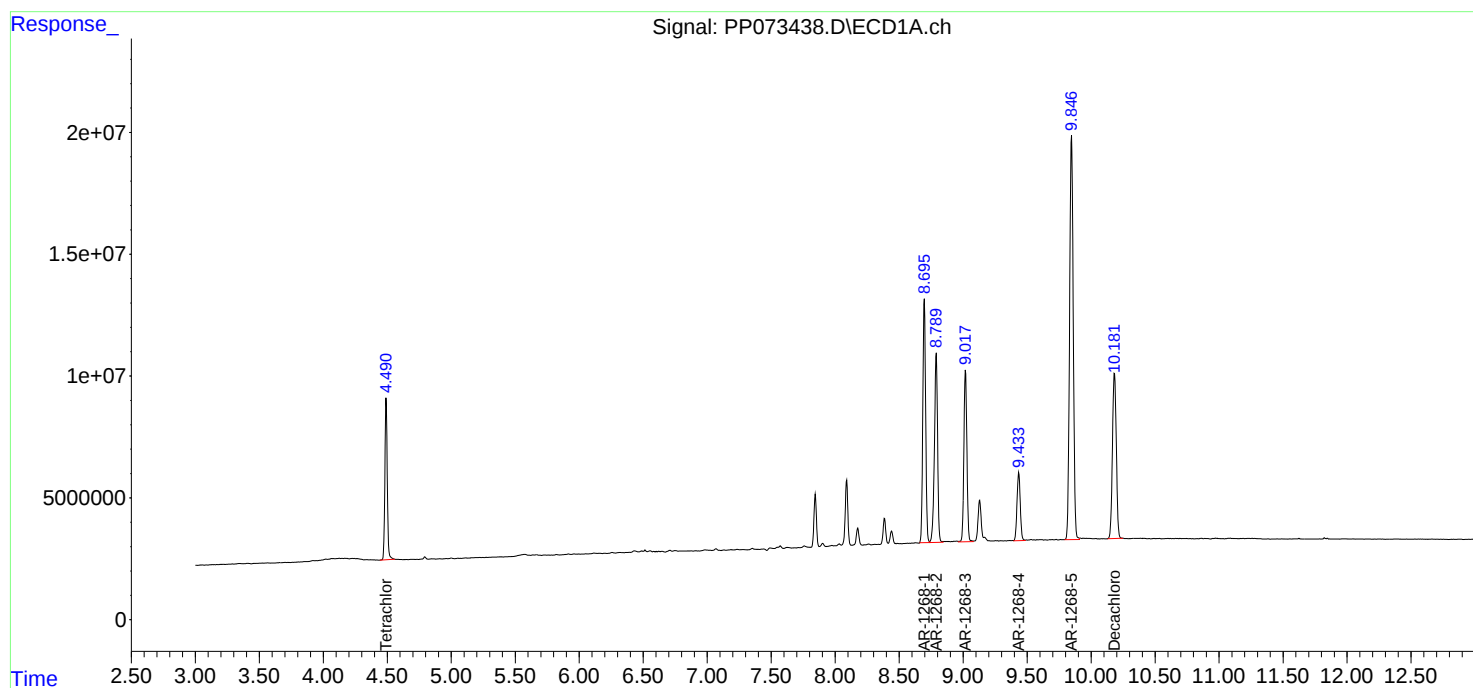
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:40:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:41:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.782	39126171	39187367	22.533	20.813m
2) SA Decachlor...	10.180	8.787	69735289	66347585	24.541	24.565
Target Compounds						
41) L9 AR-1268-1	8.694	7.674	73712811	74965666	239.729	246.269
42) L9 AR-1268-2	8.787	7.740	63591302	66877318	238.863	245.788
43) L9 AR-1268-3	9.016	7.942	56197159	54434352	245.739	236.484
44) L9 AR-1268-4	9.433	8.237	24190508	23208454	245.356	230.596
45) L9 AR-1268-5	9.843	8.533	161.0E6	152.3E6	243.602	235.668

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

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

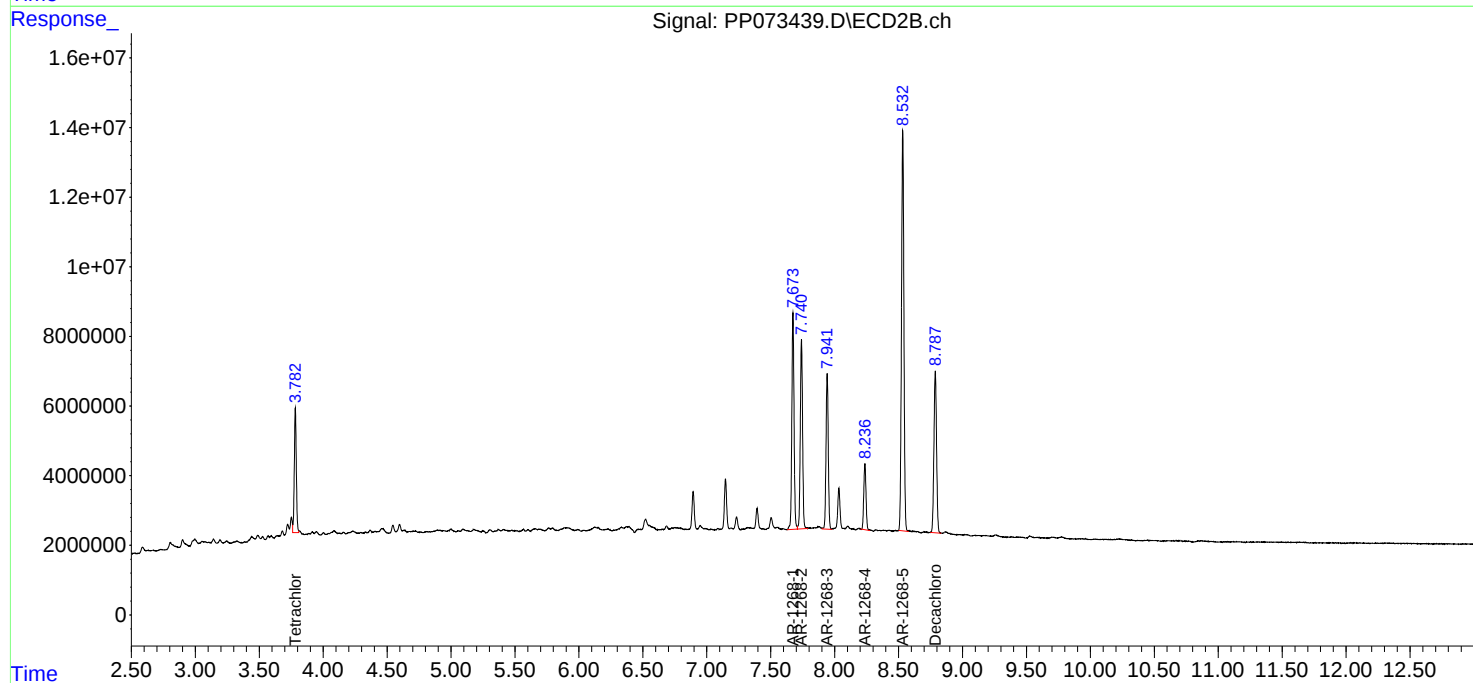
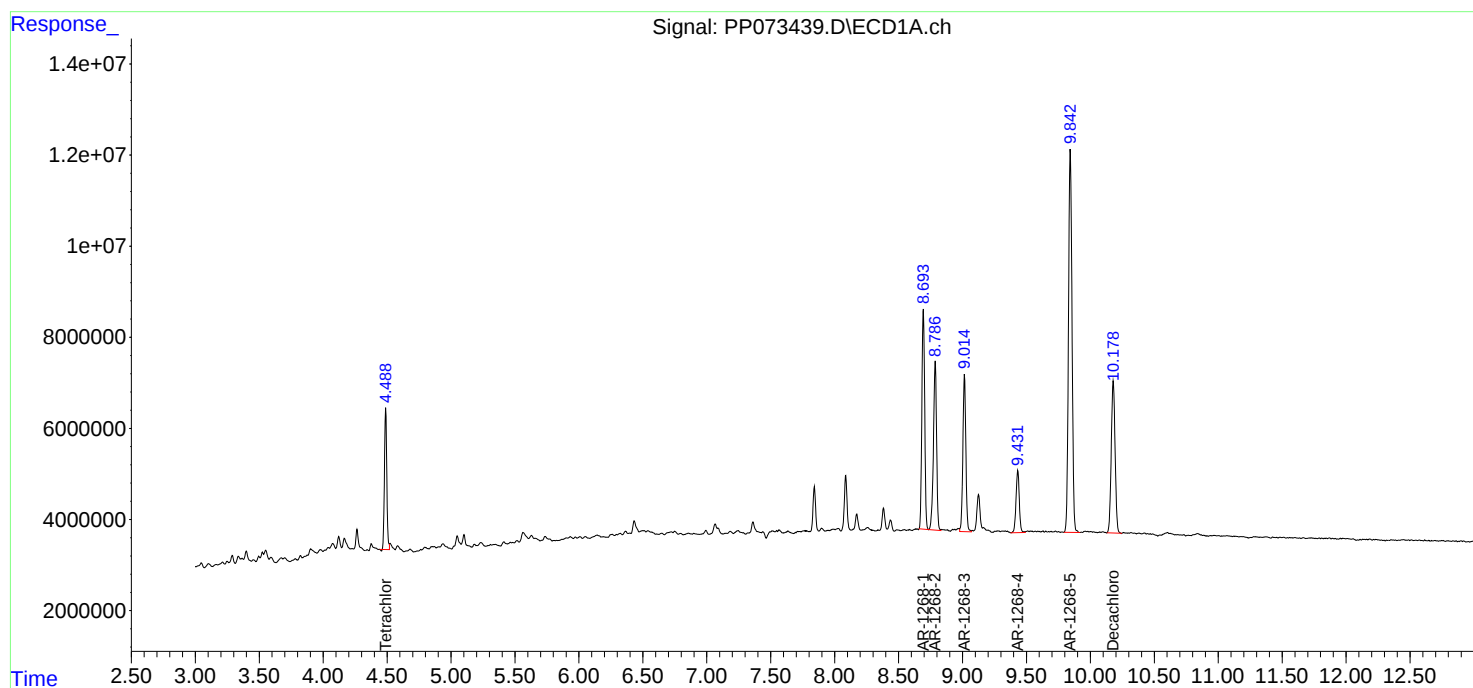
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:41:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 03:41:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 03:39:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.783	7071913	8604940	4.073	4.570m
2) SA Decachlor...	10.179	8.787	12907064	12405676	4.542	4.593
Target Compounds						
41) L9 AR-1268-1	8.692	7.675	13068224	14314257	42.501	47.024
42) L9 AR-1268-2	8.786	7.740	11397379	12415180	42.811	45.628
43) L9 AR-1268-3	9.013	7.942	10713035	10408465	46.846	45.218
44) L9 AR-1268-4	9.431	8.237	4757314	4358808	48.252	43.309
45) L9 AR-1268-5	9.842	8.533	27316653	29208824	41.341	45.195

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

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

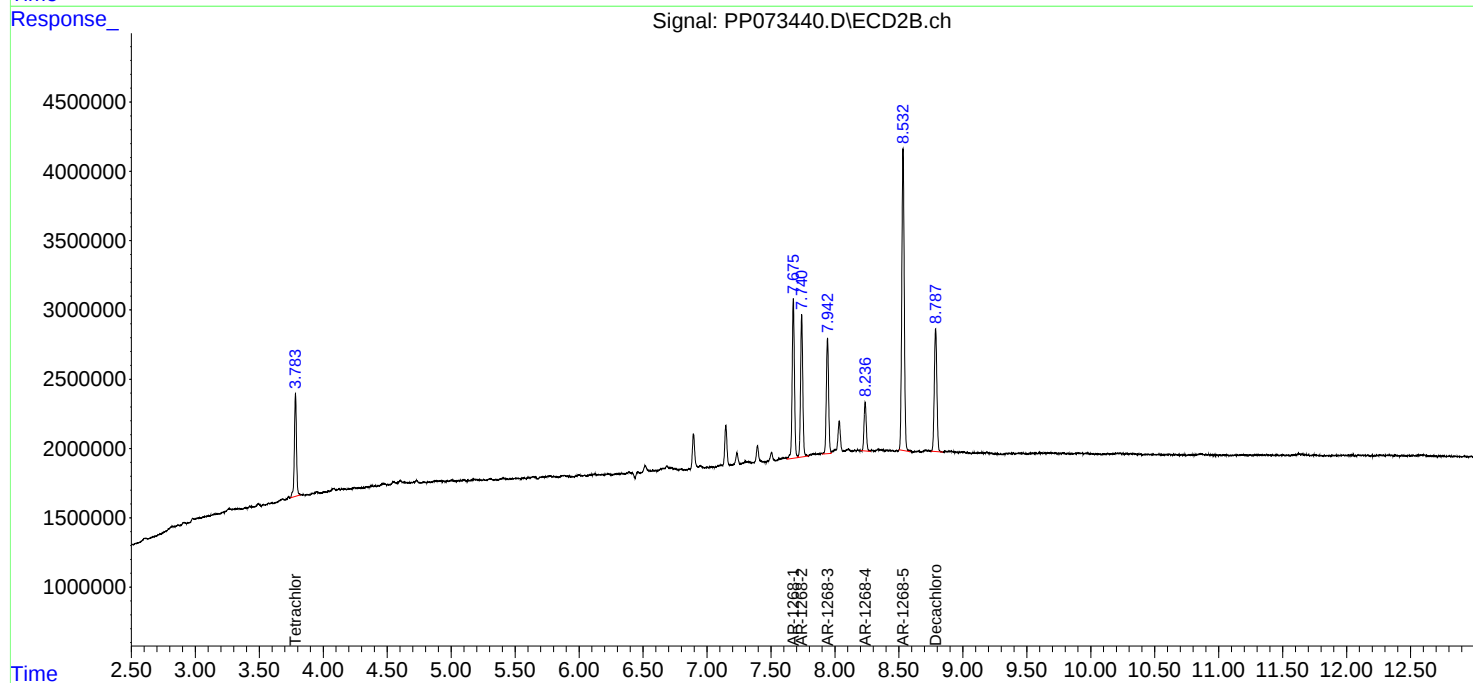
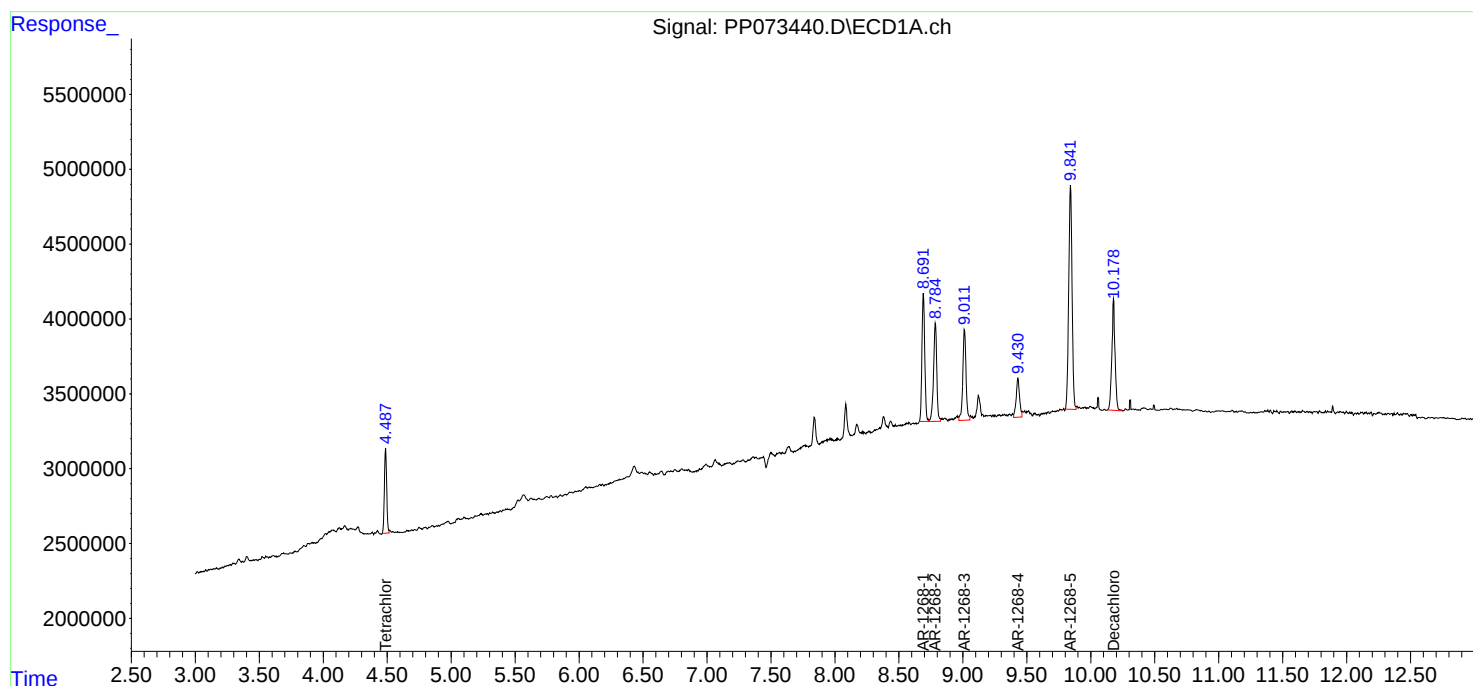
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 03:41:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 03:39:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:11:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.782	79756277	78739880	49.963	44.397
2) SA Decachlor...	10.179	8.787	74528317	73775488	52.448	53.319
Target Compounds						
3) L1 AR-1016-1	5.640	4.862	27771524	30880828	506.962	480.021
4) L1 AR-1016-2	5.661	4.879	42091827	46218474	508.652	484.942
5) L1 AR-1016-3	5.723	5.056	25821491	24372616	489.475	483.393
6) L1 AR-1016-4	5.820	5.097	21022724	19923577	477.526	490.056
7) L1 AR-1016-5	6.112	5.311	19526702	25250919	485.652	492.728
31) L7 AR-1260-1	7.229	6.342	36667380	44677247	514.175	484.156
32) L7 AR-1260-2	7.483	6.530	51670814	54933839	491.582	444.471
33) L7 AR-1260-3	7.841	6.682	47182790	49217551	512.000	491.812
34) L7 AR-1260-4	8.065	7.152	43584441	41907926	493.268	482.715
35) L7 AR-1260-5	8.383	7.394	99564844	106.2E6	505.068	486.605

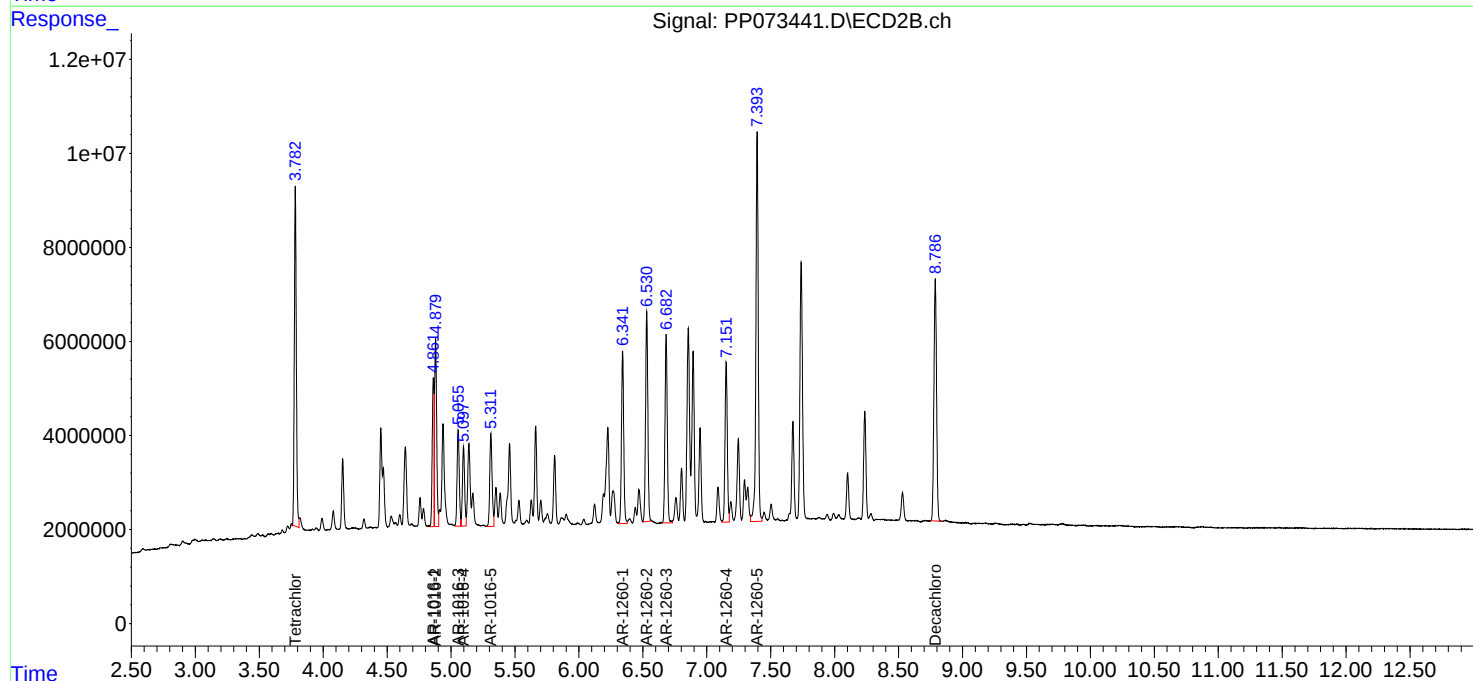
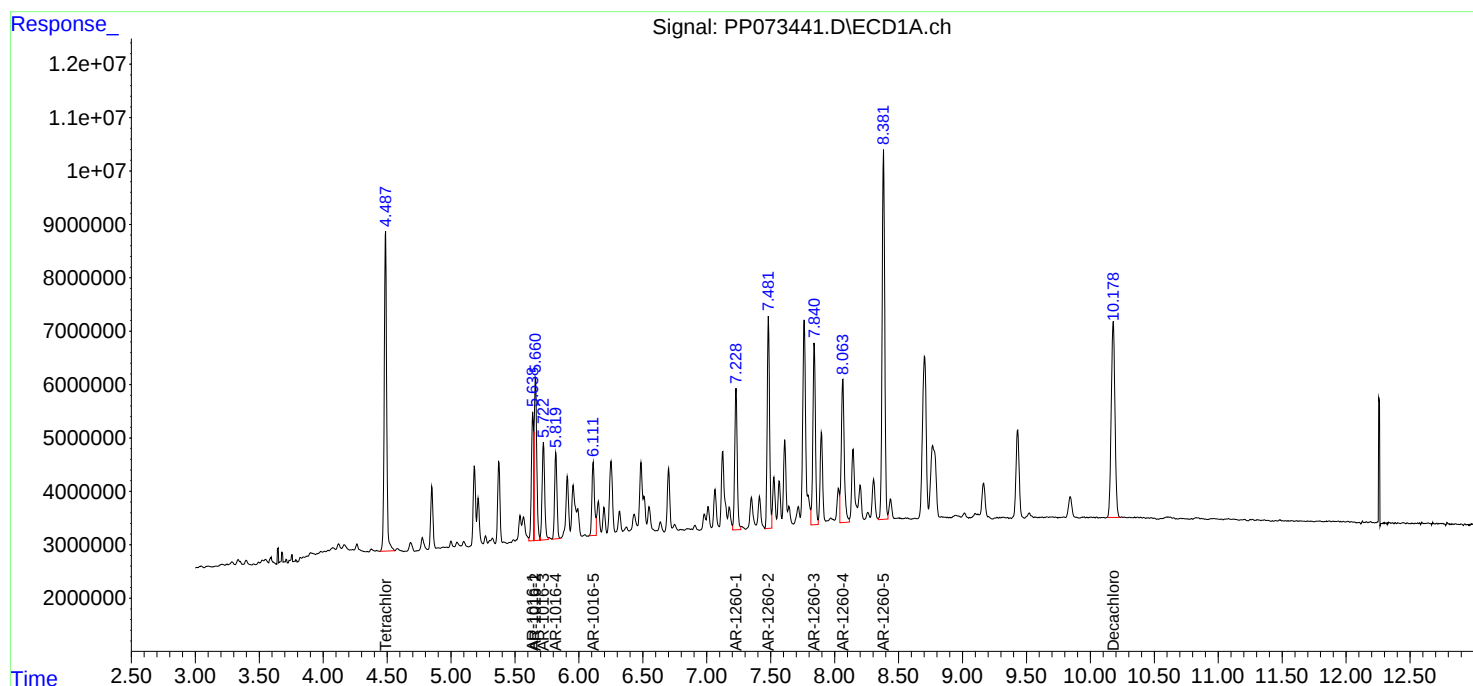
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:11:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.783	80737707	83576859	50.578	47.124
2) SA Decachlor...	10.179	8.787	73477299	71883222	51.708	51.952
Target Compounds						
16) L4 AR-1242-1	5.641	4.862	23897960	26878900	470.333	460.250
17) L4 AR-1242-2	5.663	4.880	36394658	40236174	479.984	466.365
18) L4 AR-1242-3	5.725	5.056	22138123	21476078	460.855	468.047
19) L4 AR-1242-4	5.822	5.140	18939211	20480665	491.851	466.424
20) L4 AR-1242-5	6.551	5.661	22659749	26002530	533.123	475.222

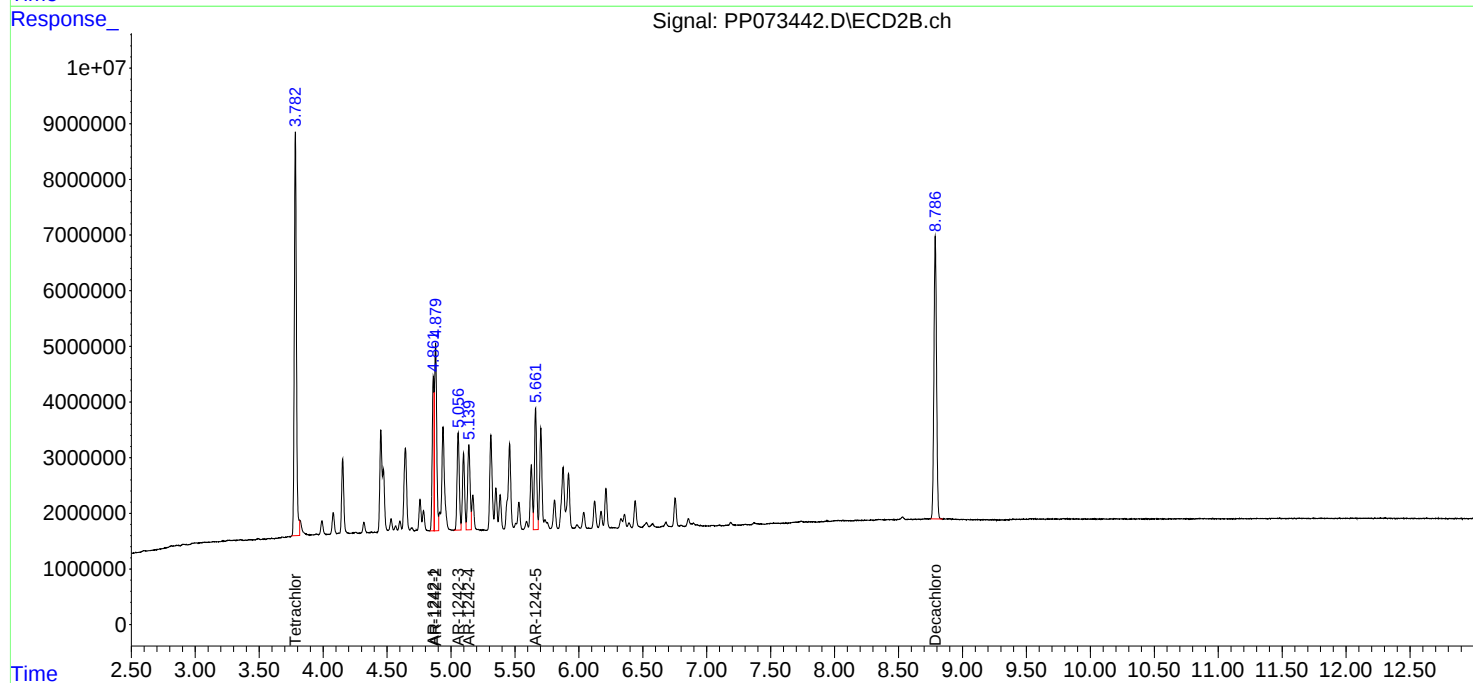
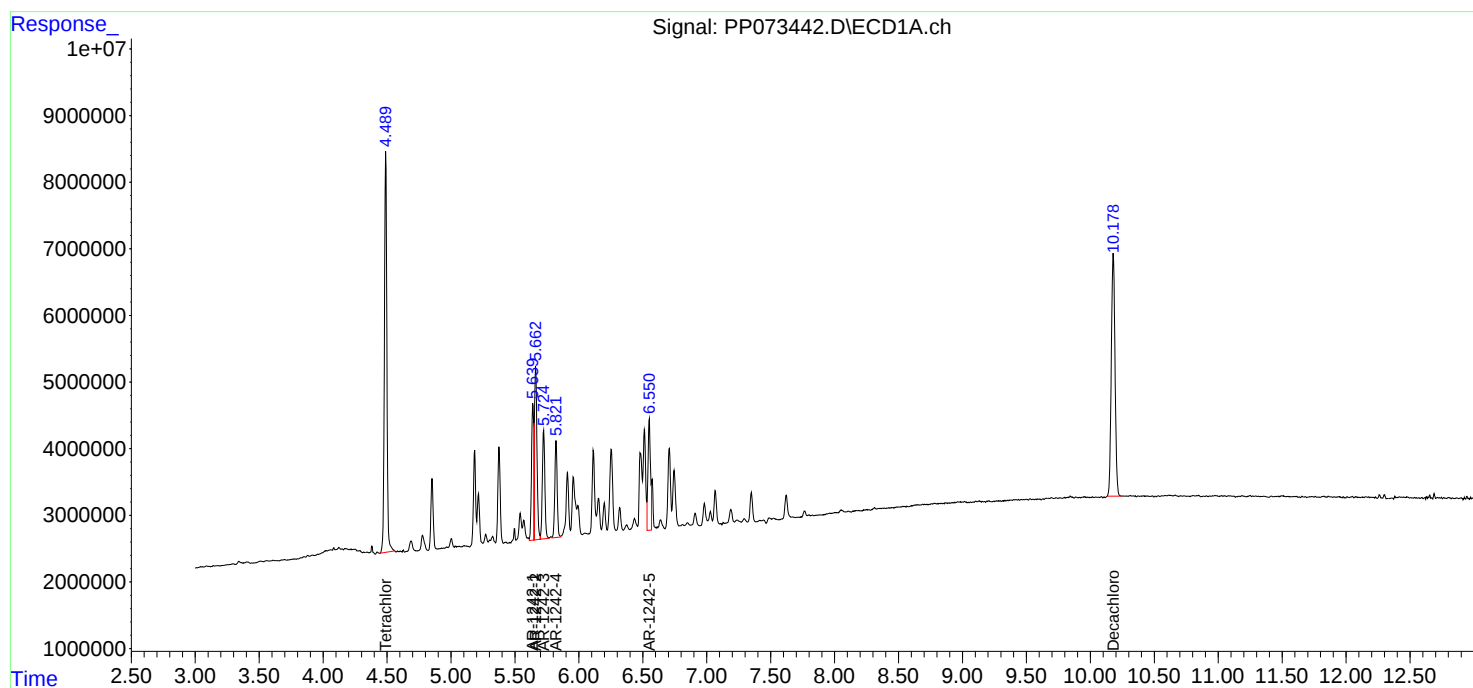
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:11:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:12:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.783	80010673	89280321	50.123	50.340
2) SA Decachlor...	10.177	8.788	74147600	72639372	52.180	52.498
Target Compounds						
21) L5 AR-1248-1	5.638	4.863	18943873	22139958	484.271	503.257
22) L5 AR-1248-2	5.910	5.099	24632723	30105430	477.294	511.078
23) L5 AR-1248-3	6.112	5.140	28322098	31363874	499.797	519.648
24) L5 AR-1248-4	6.511	5.312	34757638	36602556	493.827	513.241
25) L5 AR-1248-5	6.549	5.703	33686584	36853891	481.316	501.071

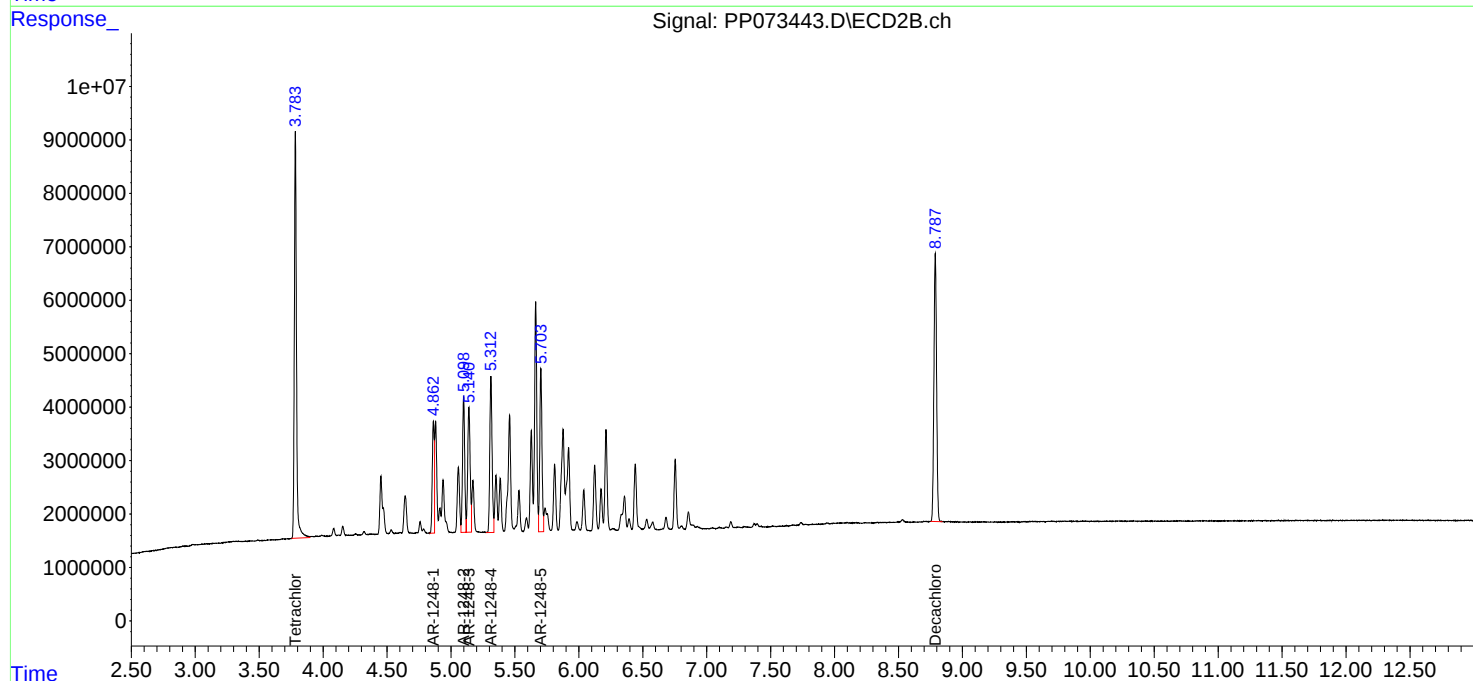
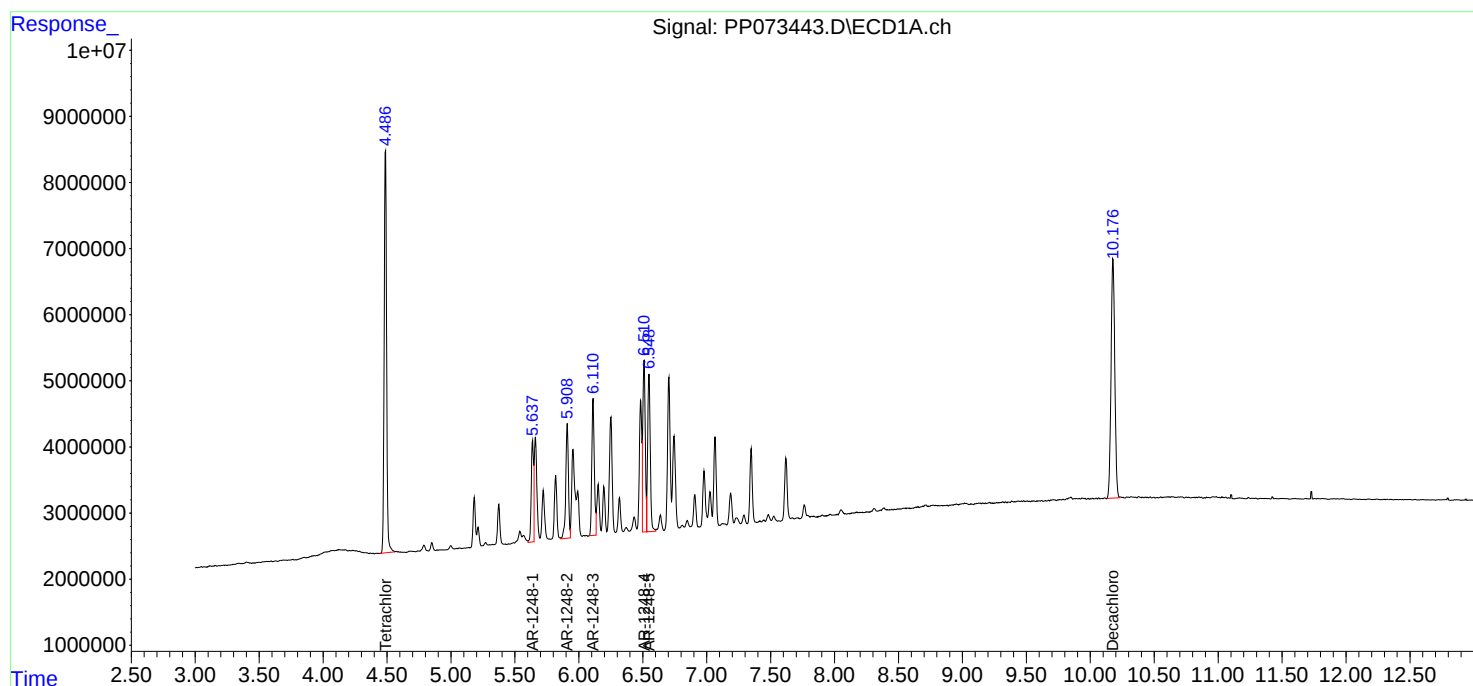
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:12:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 04:12:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.490	3.783	80763993	92576135	50.595	52.199
2)	SA Decachlor...	10.180	8.787	74808906	75047776	52.646	54.239
Target Compounds							
26)	L6 AR-1254-1	6.488	5.663	33519998	53942389	472.570	492.406
27)	L6 AR-1254-2	6.704	5.811	50206123	46467508	486.779	479.136
28)	L6 AR-1254-3	7.067	6.212	53602205	73052767	471.531	495.815
29)	L6 AR-1254-4	7.349	6.440	47185958	46063600	474.296	510.542
30)	L6 AR-1254-5	7.766	6.857	46763616	67153053	493.425	504.624

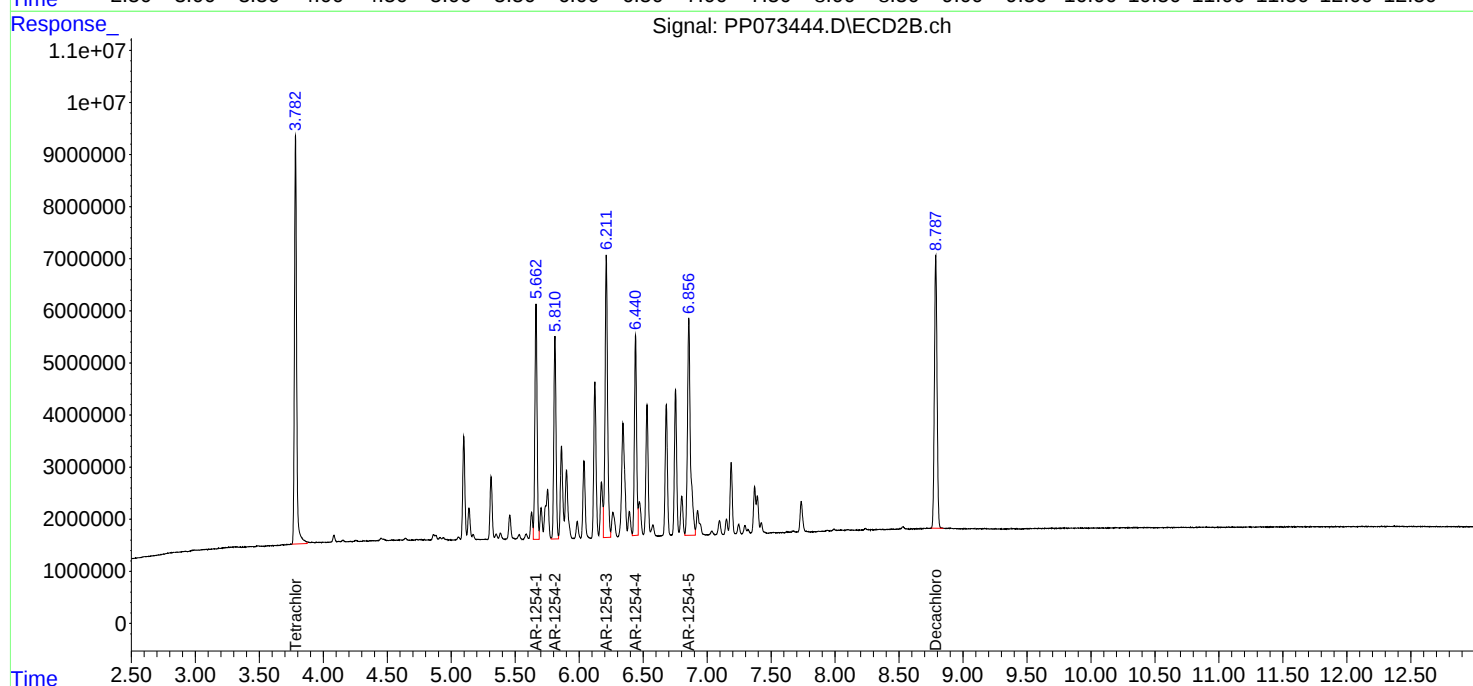
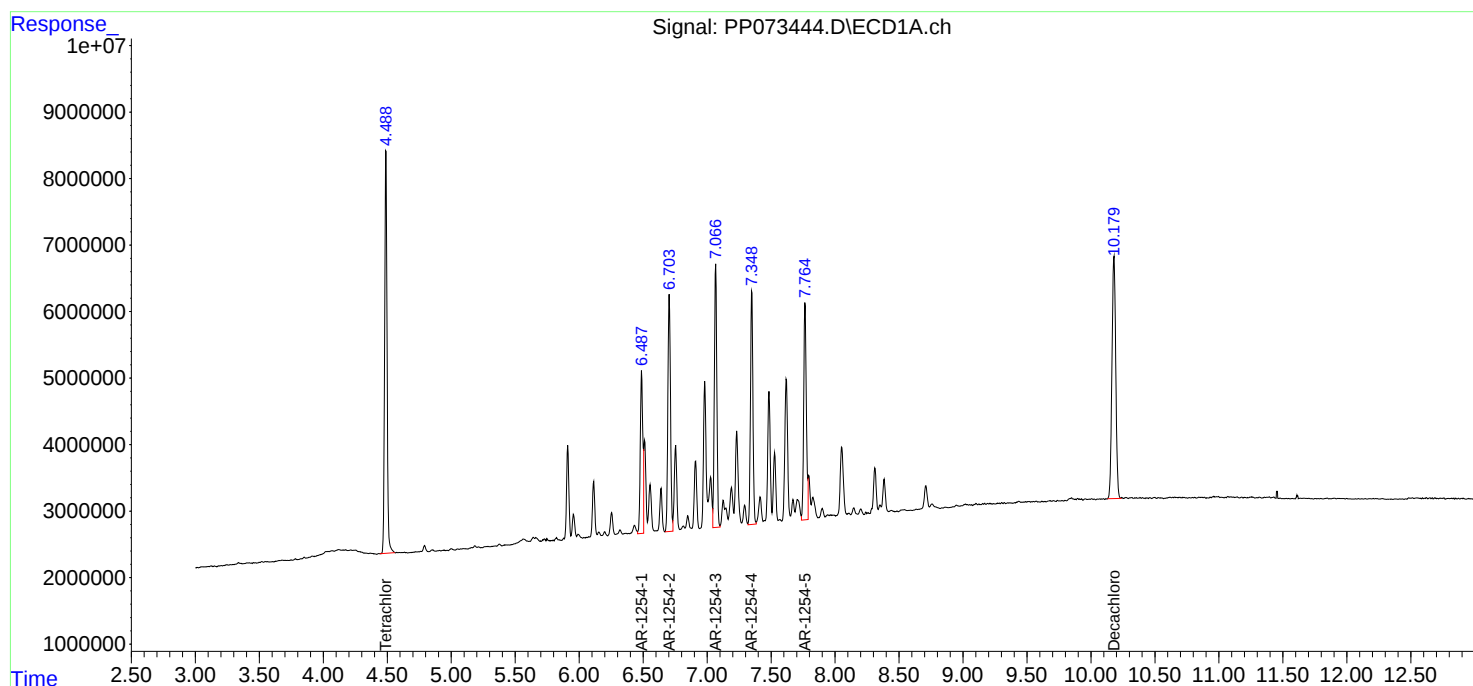
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:12:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070125AR1268

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.783	82710201	89216684	47.633	47.384
2) SA Decachlor...	10.177	8.787	136.0E6	133.6E6	47.873	49.461
Target Compounds						
41) L9 AR-1268-1	8.692	7.674	144.9E6	148.5E6	471.285	487.982
42) L9 AR-1268-2	8.785	7.741	125.9E6	132.8E6	472.766	487.954
43) L9 AR-1268-3	9.013	7.943	109.9E6	112.6E6	480.579	489.046
44) L9 AR-1268-4	9.430	8.237	47469689	49610168	481.468	492.920
45) L9 AR-1268-5	9.841	8.533	317.1E6	318.4E6	479.888	492.589

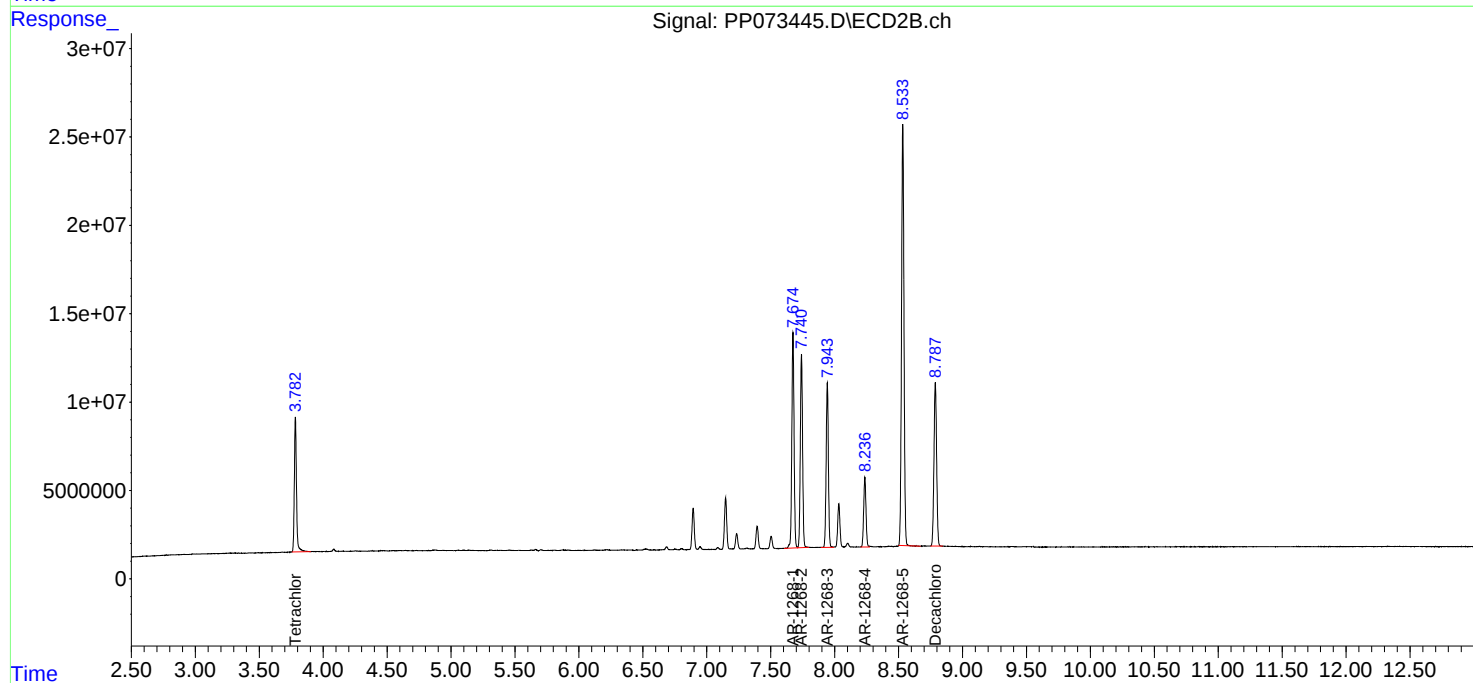
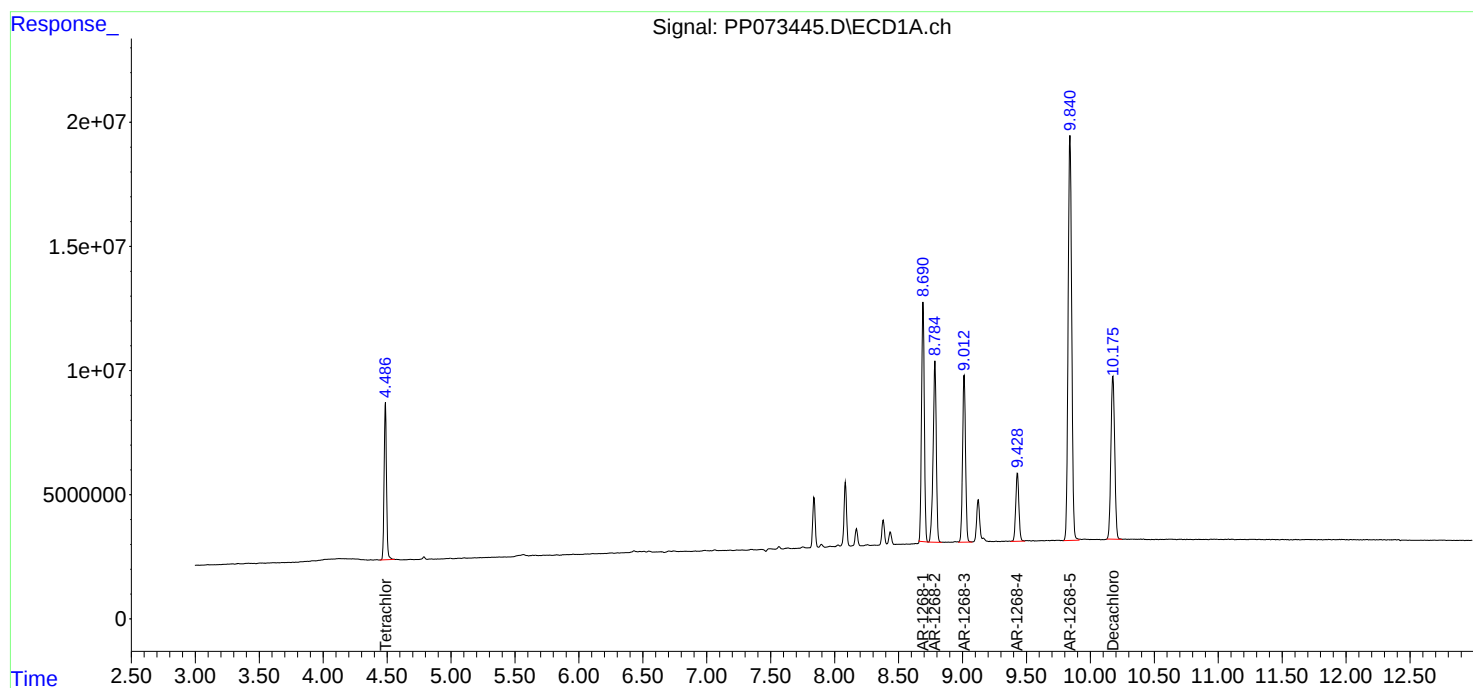
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070125AR1268

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

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/03/2025

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

07/01/2025

Continuing Calib Time: 08:29

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.06	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/03/2025

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

07/01/2025

Continuing Calib Time: 08:29

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-3	(3)	5.05	5.06	4.96	5.16	0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073484.D **Time Analyzed:** 08:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.636	5.544	5.744	522.310	500.000	4.5
Aroclor-1016-2	5.658	5.566	5.766	549.190	500.000	9.8
Aroclor-1016-3	5.720	5.629	5.829	529.830	500.000	6.0
Aroclor-1016-4	5.817	5.726	5.926	536.960	500.000	7.4
Aroclor-1016-5	6.109	6.018	6.218	526.740	500.000	5.3
Aroclor-1260-1	7.227	7.134	7.334	503.590	500.000	0.7
Aroclor-1260-2	7.480	7.389	7.589	500.460	500.000	0.1
Aroclor-1260-3	7.838	7.746	7.946	491.230	500.000	-1.8
Aroclor-1260-4	8.062	7.971	8.171	475.660	500.000	-4.9
Aroclor-1260-5	8.380	8.289	8.489	479.280	500.000	-4.1
Decachlorobiphenyl	10.175	10.086	10.286	49.300	50.000	-1.4
Tetrachloro-m-xylene	4.485	4.393	4.593	53.120	50.000	6.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073484.D **Time Analyzed:** 08:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.859	4.764	4.964	510.520	500.000	2.1
Aroclor-1016-2	4.877	4.782	4.982	513.260	500.000	2.7
Aroclor-1016-3	5.053	4.958	5.158	533.190	500.000	6.6
Aroclor-1016-4	5.095	5.000	5.200	537.090	500.000	7.4
Aroclor-1016-5	5.309	5.214	5.414	539.000	500.000	7.8
Aroclor-1260-1	6.339	6.244	6.444	497.420	500.000	-0.5
Aroclor-1260-2	6.528	6.433	6.633	460.450	500.000	-7.9
Aroclor-1260-3	6.679	6.585	6.785	508.000	500.000	1.6
Aroclor-1260-4	7.149	7.054	7.254	487.580	500.000	-2.5
Aroclor-1260-5	7.391	7.297	7.497	472.030	500.000	-5.6
Decachlorobiphenyl	8.783	8.690	8.890	47.010	50.000	-6.0
Tetrachloro-m-xylene	3.780	3.685	3.885	48.870	50.000	-2.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 08:29
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 11:51:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.780	84799366	86665945	53.123	48.866
2) SA Decachlor...	10.175	8.783	70052513	65045940	49.298	47.010
Target Compounds						
3) L1 AR-1016-1	5.636	4.859	28612391	32843072	522.312	510.523
4) L1 AR-1016-2	5.658	4.877	45446711	48917733	549.194	513.263
5) L1 AR-1016-3	5.720	5.053	27950515	26883572	529.833	533.194
6) L1 AR-1016-4	5.817	5.095	23639313	21835792	536.961	537.091
7) L1 AR-1016-5	6.109	5.309	21178583	27622119	526.737	538.998
31) L7 AR-1260-1	7.227	6.339	35912200	45901062	503.585	497.418
32) L7 AR-1260-2	7.480	6.528	52603942	56908910	500.459	460.451
33) L7 AR-1260-3	7.838	6.679	45269172	50837581	491.234	508.000
34) L7 AR-1260-4	8.062	7.149	42028429	42330159	475.658	487.578
35) L7 AR-1260-5	8.380	7.391	94481088	103.0E6	479.279	472.026

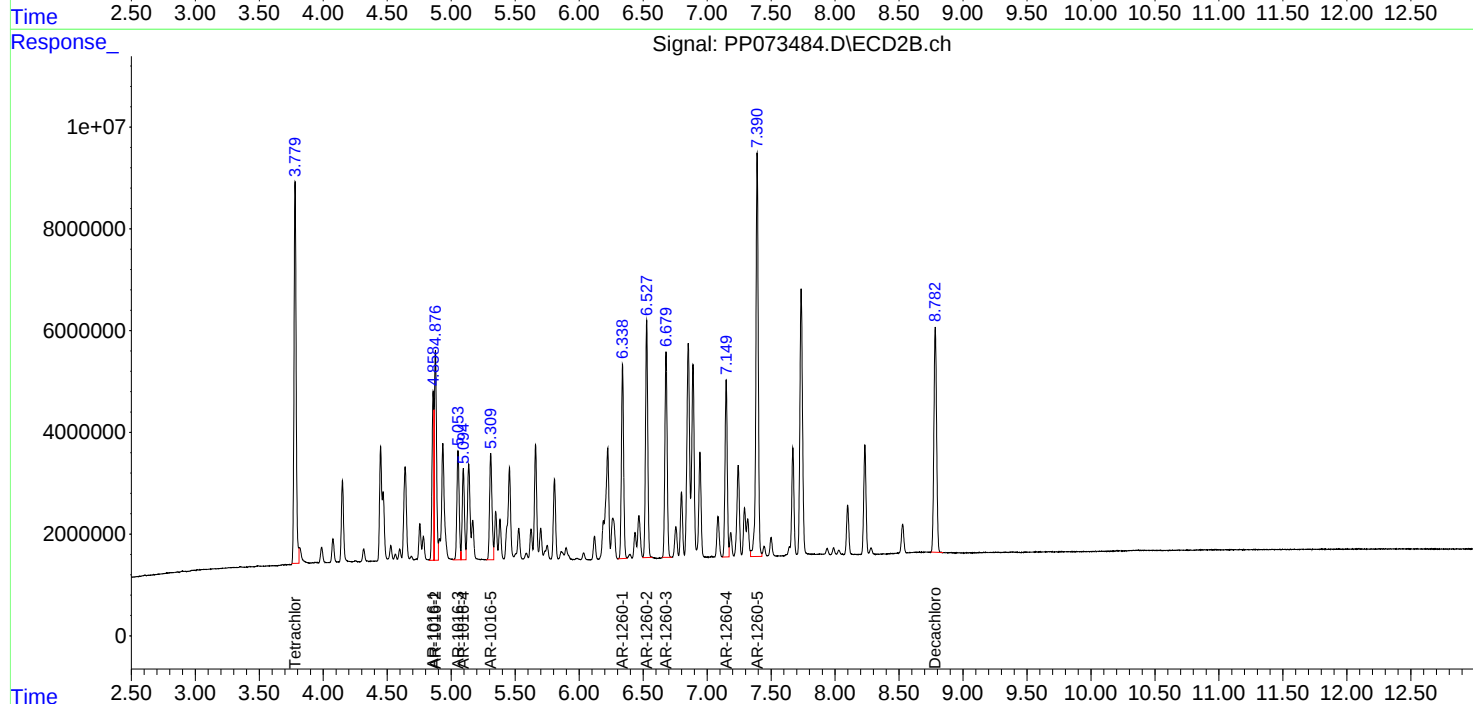
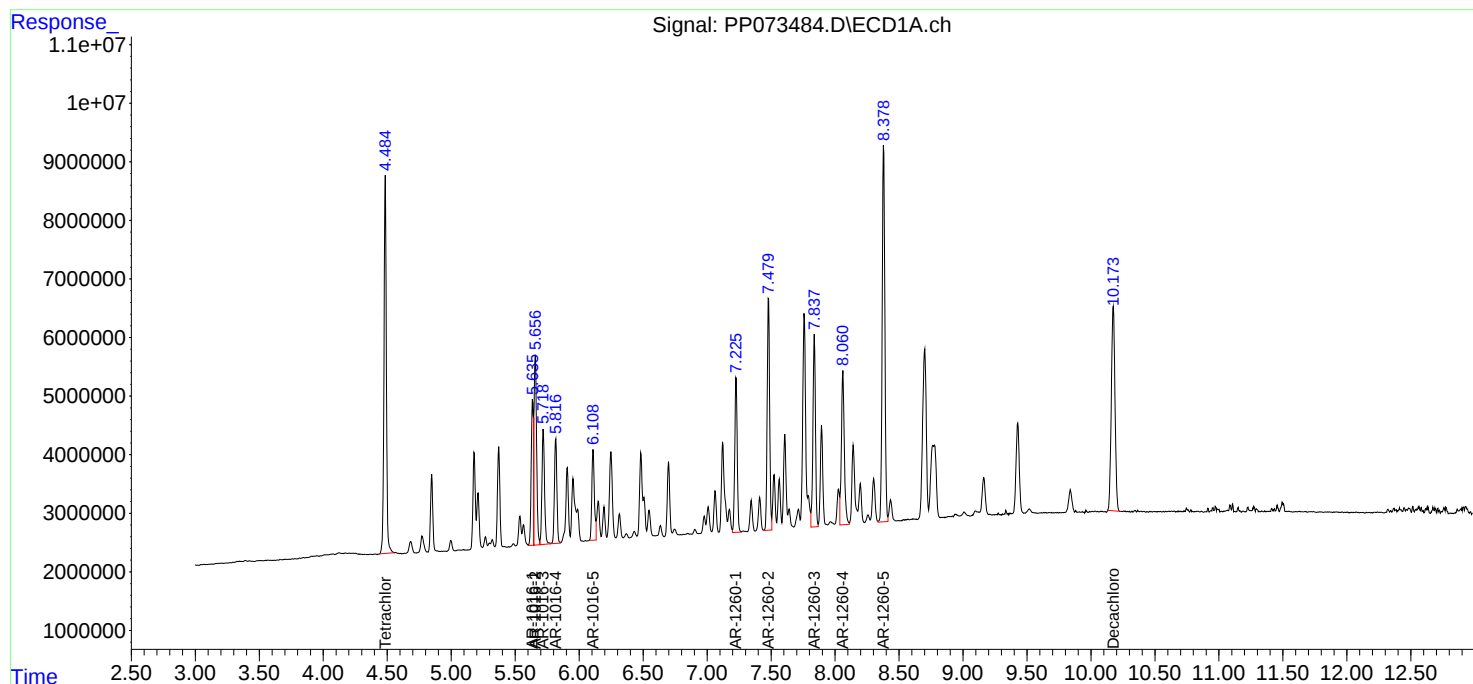
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 08:29
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 11:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/03/2025

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

07/01/2025

Continuing Calib Time: 14:26

Initial Calibration Time(s): 14:04

21:30

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/03/2025

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

Continuing Calib Time: 14:26

Initial Calibration Time(s): 14:04 21:30

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

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



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073498.D **Time Analyzed:** 14:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.639	5.544	5.744	490.460	500.000	-1.9
Aroclor-1016-2	5.661	5.566	5.766	508.660	500.000	1.7
Aroclor-1016-3	5.723	5.629	5.829	490.140	500.000	-2.0
Aroclor-1016-4	5.821	5.726	5.926	490.780	500.000	-1.8
Aroclor-1016-5	6.113	6.018	6.218	492.240	500.000	-1.6
Aroclor-1260-1	7.230	7.134	7.334	481.320	500.000	-3.7
Aroclor-1260-2	7.483	7.389	7.589	479.290	500.000	-4.1
Aroclor-1260-3	7.842	7.746	7.946	472.100	500.000	-5.6
Aroclor-1260-4	8.065	7.971	8.171	456.510	500.000	-8.7
Aroclor-1260-5	8.384	8.289	8.489	466.610	500.000	-6.7
Decachlorobiphenyl	10.180	10.086	10.286	47.540	50.000	-4.9
Tetrachloro-m-xylene	4.489	4.393	4.593	49.320	50.000	-1.4



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/03/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073498.D **Time Analyzed:** 14:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.862	4.764	4.964	521.830	500.000	4.4
Aroclor-1016-2	4.880	4.782	4.982	516.160	500.000	3.2
Aroclor-1016-3	5.056	4.958	5.158	534.830	500.000	7.0
Aroclor-1016-4	5.098	5.000	5.200	537.740	500.000	7.5
Aroclor-1016-5	5.312	5.214	5.414	539.280	500.000	7.9
Aroclor-1260-1	6.342	6.244	6.444	501.190	500.000	0.2
Aroclor-1260-2	6.531	6.433	6.633	465.260	500.000	-6.9
Aroclor-1260-3	6.682	6.585	6.785	511.660	500.000	2.3
Aroclor-1260-4	7.153	7.054	7.254	493.700	500.000	-1.3
Aroclor-1260-5	7.395	7.297	7.497	479.400	500.000	-4.1
Decachlorobiphenyl	8.788	8.690	8.890	47.990	50.000	-4.0
Tetrachloro-m-xylene	3.783	3.685	3.885	49.850	50.000	-0.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
 Data File : PP073498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 14:26
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.783	78732672	88403717	49.322	49.846
2) SA Decachlor...	10.180	8.788	67558892	66400256	47.543	47.989
Target Compounds						
3) L1 AR-1016-1	5.639	4.862	26867798	33570334	490.464	521.828
4) L1 AR-1016-2	5.661	4.880	42092438	49193922	508.659	516.161
5) L1 AR-1016-3	5.723	5.056	25856520	26965800	490.139	534.825
6) L1 AR-1016-4	5.821	5.098	21606296	21862384	490.782	537.745
7) L1 AR-1016-5	6.113	5.312	19791375	27636677	492.235	539.282
31) L7 AR-1260-1	7.230	6.342	34324373	46249361	481.320	501.193
32) L7 AR-1260-2	7.483	6.531	50379305	57502795	479.295	465.256
33) L7 AR-1260-3	7.842	6.682	43506222	51203939	472.104	511.661
34) L7 AR-1260-4	8.065	7.153	40336600	42862011	456.511	493.704
35) L7 AR-1260-5	8.384	7.395	91984447	104.6E6	466.614	479.403

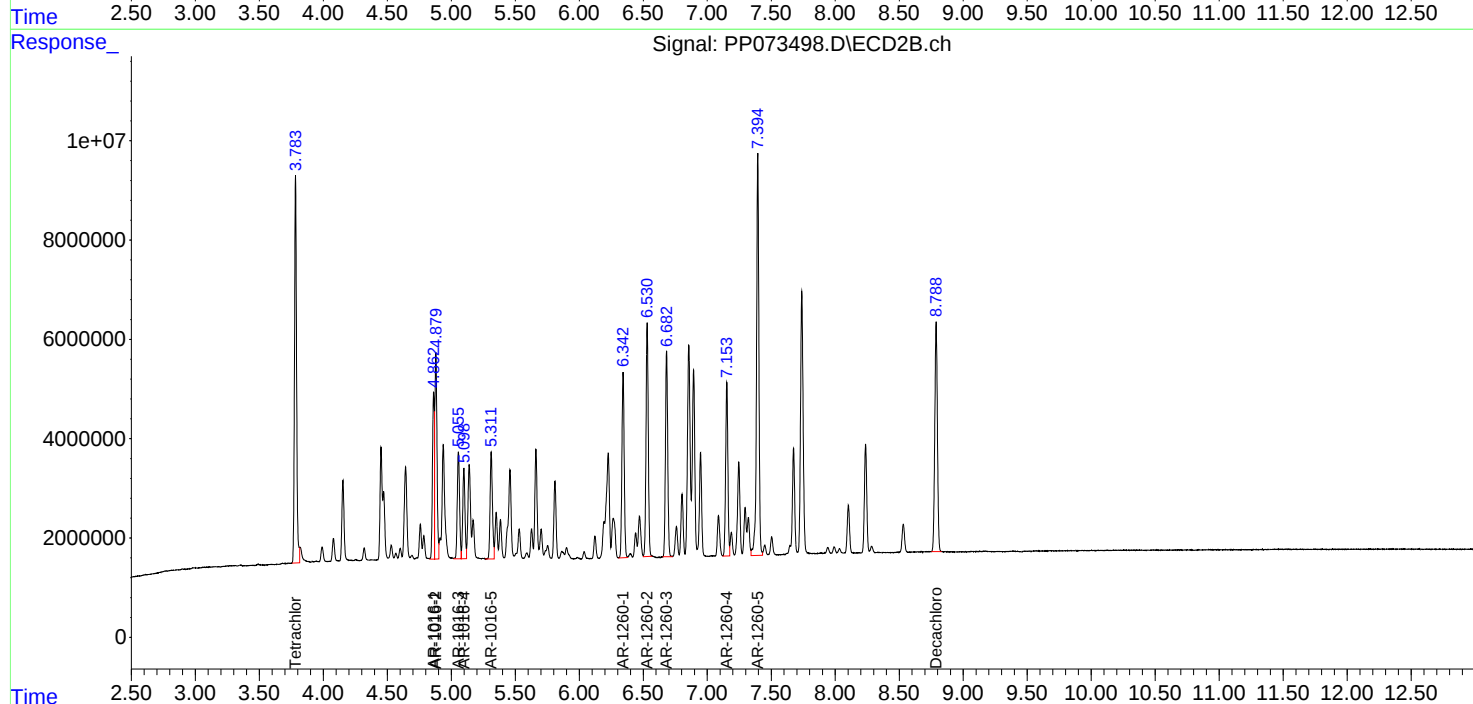
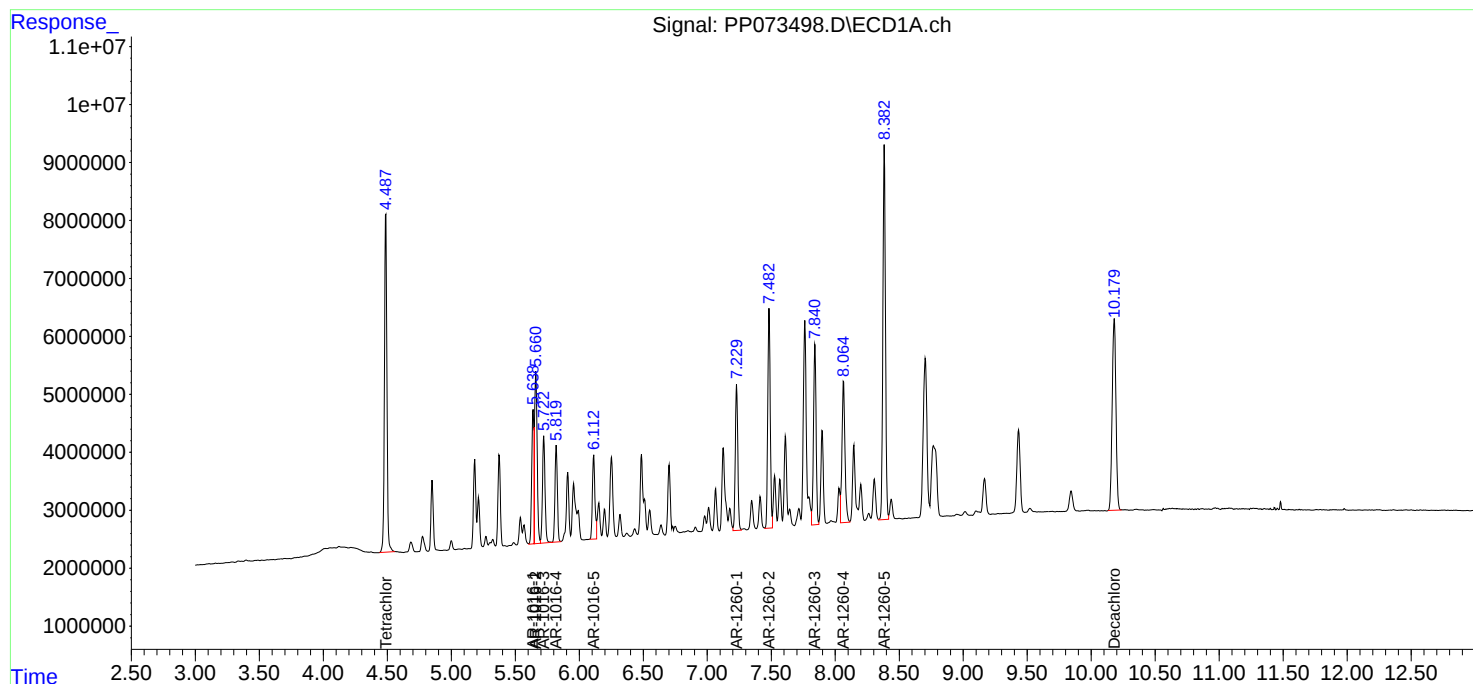
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 14:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

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

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/04/2025

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

07/01/2025

Continuing Calib Time: 03:34

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.06	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.19	10.09	10.29	0.02



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/04/2025

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

07/01/2025

Continuing Calib Time: 03:34

Initial Calibration Time(s): 14:04

21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.06	4.96	5.16	0.01
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/04/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073504.D **Time Analyzed:** 03:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.636	5.544	5.744	507.690	500.000	1.5
Aroclor-1016-2	5.657	5.566	5.766	519.910	500.000	4.0
Aroclor-1016-3	5.719	5.629	5.829	499.870	500.000	0.0
Aroclor-1016-4	5.817	5.726	5.926	509.640	500.000	1.9
Aroclor-1016-5	6.108	6.018	6.218	497.450	500.000	-0.5
Aroclor-1260-1	7.225	7.134	7.334	476.440	500.000	-4.7
Aroclor-1260-2	7.479	7.389	7.589	474.690	500.000	-5.1
Aroclor-1260-3	7.837	7.746	7.946	467.500	500.000	-6.5
Aroclor-1260-4	8.061	7.971	8.171	449.360	500.000	-10.1
Aroclor-1260-5	8.378	8.289	8.489	482.160	500.000	-3.6
Decachlorobiphenyl	10.172	10.086	10.286	47.220	50.000	-5.6
Tetrachloro-m-xylene	4.484	4.393	4.593	51.610	50.000	3.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/04/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073504.D **Time Analyzed:** 03:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.856	4.764	4.964	511.460	500.000	2.3
Aroclor-1016-2	4.873	4.782	4.982	517.900	500.000	3.6
Aroclor-1016-3	5.049	4.958	5.158	524.850	500.000	5.0
Aroclor-1016-4	5.091	5.000	5.200	528.450	500.000	5.7
Aroclor-1016-5	5.304	5.214	5.414	534.350	500.000	6.9
Aroclor-1260-1	6.335	6.244	6.444	488.240	500.000	-2.4
Aroclor-1260-2	6.524	6.433	6.633	459.710	500.000	-8.1
Aroclor-1260-3	6.675	6.585	6.785	491.850	500.000	-1.6
Aroclor-1260-4	7.145	7.054	7.254	476.970	500.000	-4.6
Aroclor-1260-5	7.387	7.297	7.497	472.090	500.000	-5.6
Decachlorobiphenyl	8.779	8.690	8.890	48.740	50.000	-2.5
Tetrachloro-m-xylene	3.776	3.685	3.885	50.310	50.000	0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 03:34
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 04:33:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.484	3.776	82380468	89219009	51.607	50.306m
2) SA Decachlor...	10.172	8.779	67093543	67445854	47.216	48.745m
Target Compounds						
3) L1 AR-1016-1	5.636	4.856	27811563	32903359	507.693	511.460
4) L1 AR-1016-2	5.657	4.873	43023699	49359418	519.913	517.898
5) L1 AR-1016-3	5.719	5.049	26369644	26462953	499.866	524.852
6) L1 AR-1016-4	5.817	5.091	22436427	21484442	509.638	528.448
7) L1 AR-1016-5	6.108	5.304	20001029	27383675	497.449	534.345
31) L7 AR-1260-1	7.225	6.335	33976334	45053849	476.439	488.237
32) L7 AR-1260-2	7.479	6.524	49895295	56816794	474.690	459.706
33) L7 AR-1260-3	7.837	6.675	43082174	49221488	467.502	491.851
34) L7 AR-1260-4	8.061	7.145	39705113	41408927	449.364	476.967
35) L7 AR-1260-5	8.378	7.387	95049154	103.0E6	482.161	472.094

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 03:34
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

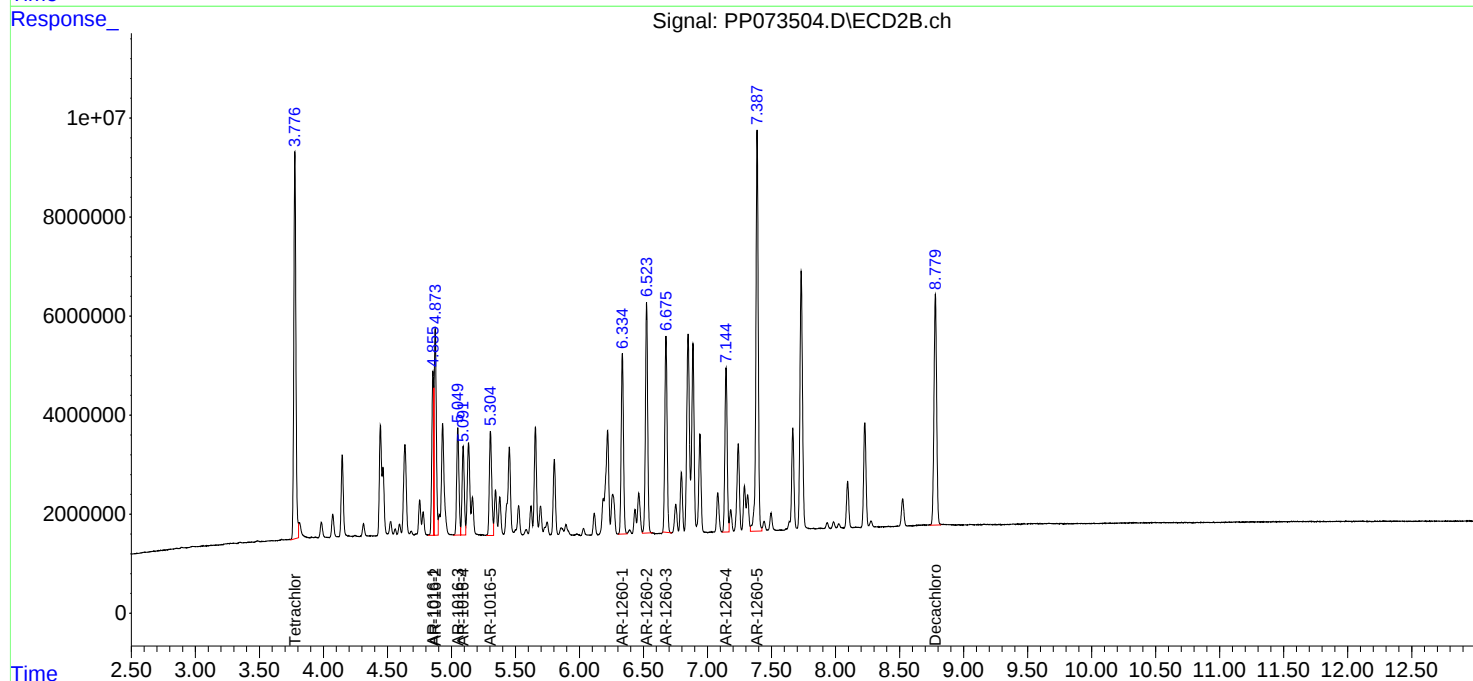
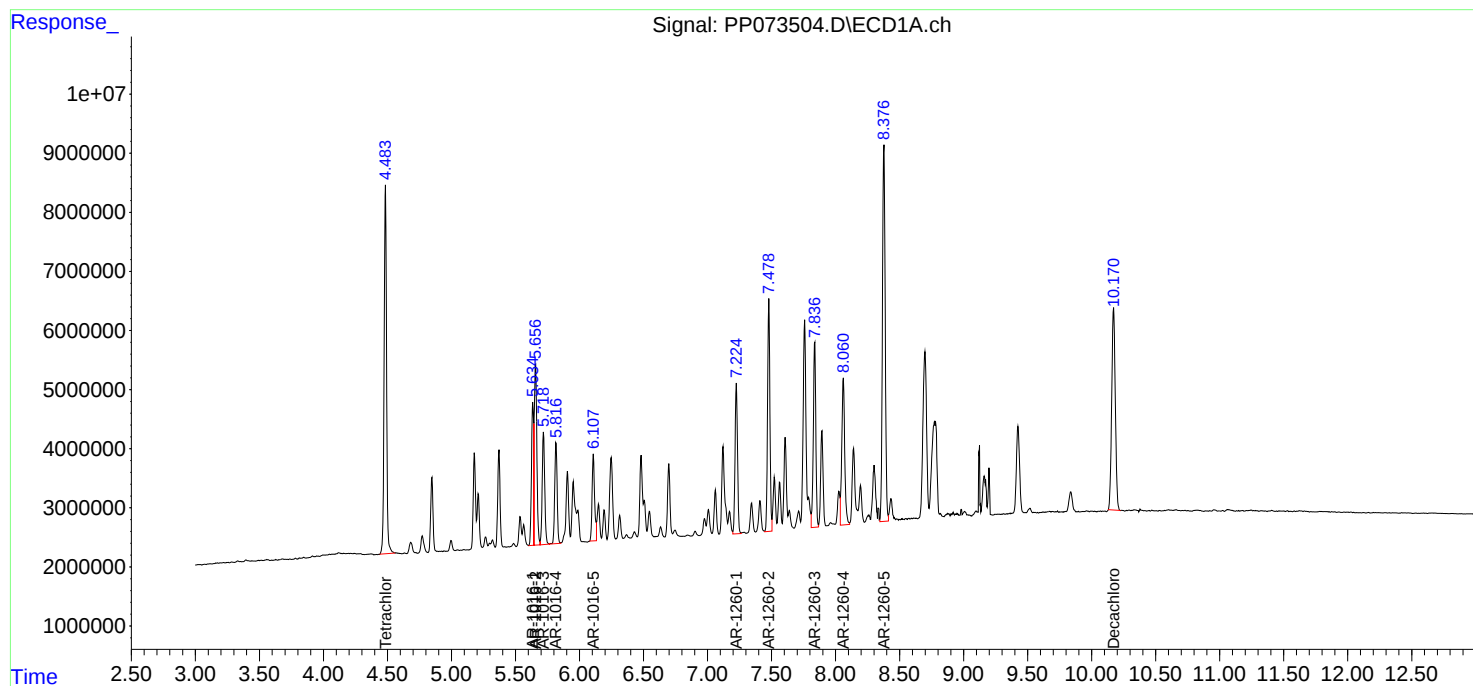
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 04:33:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/04/2025

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

07/01/2025

Continuing Calib Time: 09:16

Initial Calibration Time(s): 14:04

21:30

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

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



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Continuing Calib Date: 07/04/2025

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

Continuing Calib Time: 09:16

Initial Calibration Time(s): 14:04 21:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-3	(3)	5.05	5.06	4.96	5.16	0.01
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/04/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073520.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.641	5.544	5.744	466.010	500.000	-6.8
Aroclor-1016-2	5.662	5.566	5.766	489.260	500.000	-2.1
Aroclor-1016-3	5.724	5.629	5.829	470.680	500.000	-5.9
Aroclor-1016-4	5.821	5.726	5.926	474.810	500.000	-5.0
Aroclor-1016-5	6.113	6.018	6.218	480.750	500.000	-3.9
Aroclor-1260-1	7.230	7.134	7.334	466.180	500.000	-6.8
Aroclor-1260-2	7.483	7.389	7.589	452.360	500.000	-9.5
Aroclor-1260-3	7.841	7.746	7.946	431.590	500.000	-13.7
Aroclor-1260-4	8.066	7.971	8.171	418.790	500.000	-16.2
Aroclor-1260-5	8.383	8.289	8.489	424.450	500.000	-15.1
Decachlorobiphenyl	10.177	10.086	10.286	43.250	50.000	-13.5
Tetrachloro-m-xylene	4.490	4.393	4.593	47.960	50.000	-4.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Group **Contract:** ATCE02
Lab Code: ACE **SDG NO.:** Q2500
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/01/2025 07/01/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/04/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073520.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.858	4.764	4.964	594.540	500.000	18.9
Aroclor-1016-2	4.875	4.782	4.982	594.020	500.000	18.8
Aroclor-1016-3	5.051	4.958	5.158	597.250	500.000	19.5
Aroclor-1016-4	5.093	5.000	5.200	595.150	500.000	19.0
Aroclor-1016-5	5.307	5.214	5.414	606.580	500.000	21.3
Aroclor-1260-1	6.337	6.244	6.444	568.250	500.000	13.7
Aroclor-1260-2	6.526	6.433	6.633	532.240	500.000	6.4
Aroclor-1260-3	6.677	6.585	6.785	559.890	500.000	12.0
Aroclor-1260-4	7.147	7.054	7.254	539.990	500.000	8.0
Aroclor-1260-5	7.390	7.297	7.497	524.690	500.000	4.9
Decachlorobiphenyl	8.780	8.690	8.890	54.150	50.000	8.3
Tetrachloro-m-xylene	3.779	3.685	3.885	56.060	50.000	12.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 09:16
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 09:42:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.779	76559115	99425182	47.961	56.060
2) SA Decachlor...	10.177	8.780	61462923	74922386	43.254	54.148m#
Target Compounds						
3) L1 AR-1016-1	5.641	4.858	25527949	38248123	466.006	594.540 #
4) L1 AR-1016-2	5.662	4.875	40487498	56614754	489.265	594.024
5) L1 AR-1016-3	5.724	5.051	24829747	30113202	470.675	597.249m#
6) L1 AR-1016-4	5.821	5.093	20903147	24196194	474.810	595.149m#
7) L1 AR-1016-5	6.113	5.307	19329537	31085509	480.749	606.580m#
31) L7 AR-1260-1	7.230	6.337	33244779	52436890	466.181	568.246
32) L7 AR-1260-2	7.483	6.526	47548214	65781108	452.360	532.236
33) L7 AR-1260-3	7.841	6.677	39772357	56030412	431.586	559.890 #
34) L7 AR-1260-4	8.066	7.147	37003660	46880769	418.790	539.994 #
35) L7 AR-1260-5	8.383	7.390	83672846	114.5E6	424.451	524.691

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

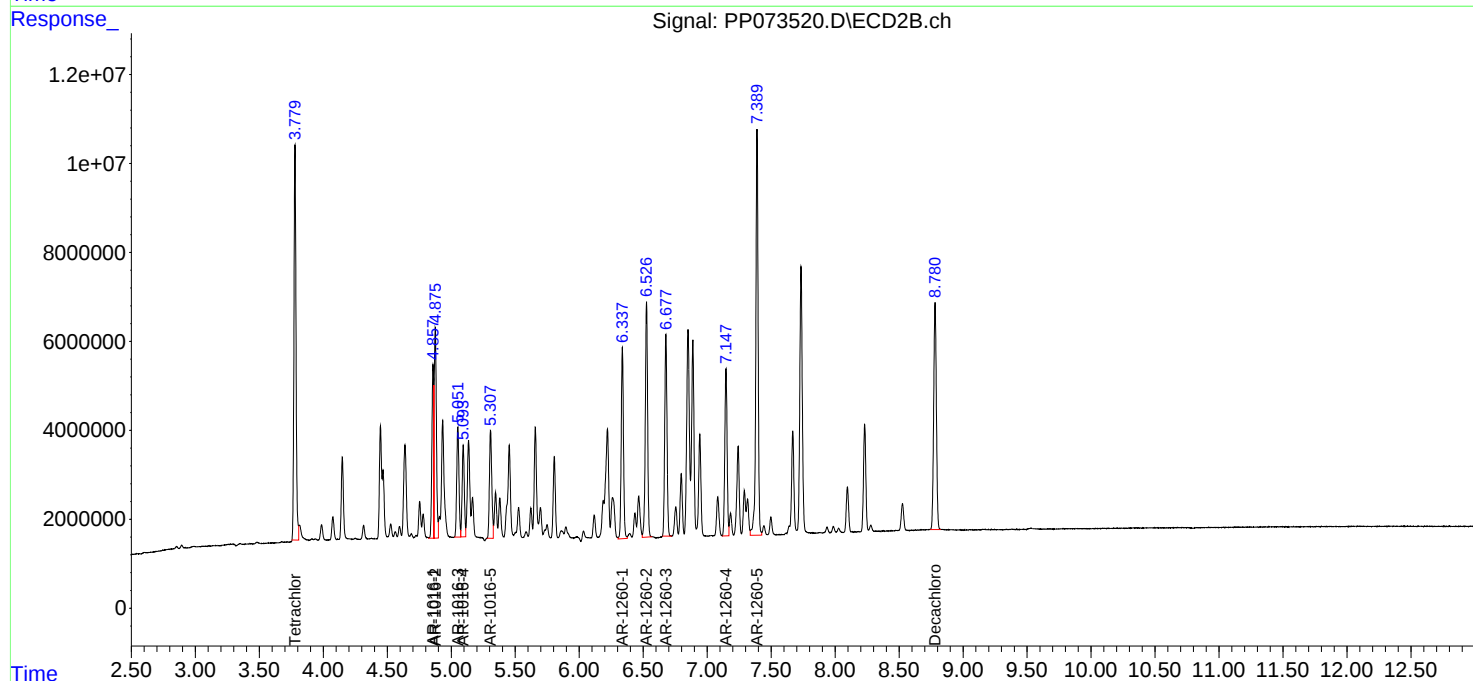
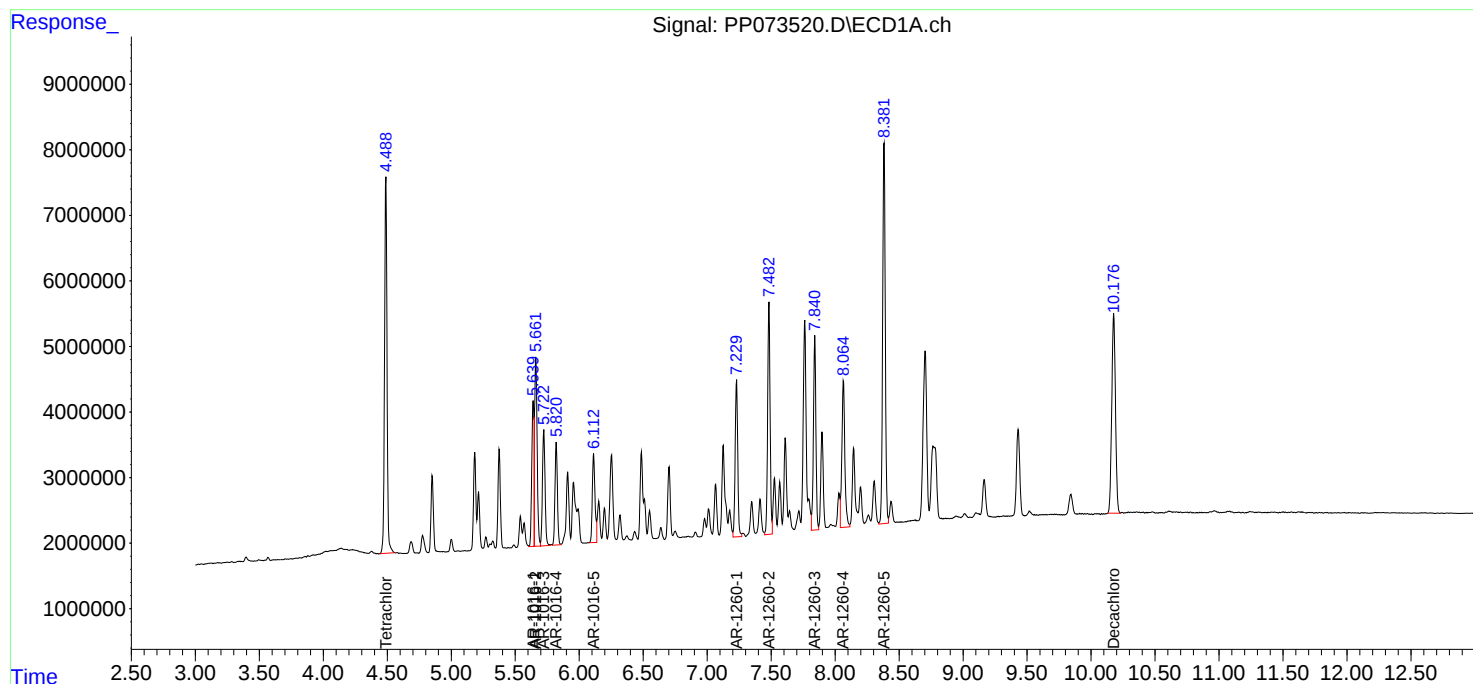
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 09:42:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: ATC Group Services LLC

SDG No.: Q2500

Project: SCA X600 - 2022SCA426

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/01/2025

07/01/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/01/2025	13:46	PP073412.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/01/2025	14:04	PP073413.D	10.19	4.50
AR1660ICC750	AR1660ICC750	07/01/2025	14:21	PP073414.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/01/2025	14:37	PP073415.D	10.19	4.49
AR1660ICC250	AR1660ICC250	07/01/2025	14:54	PP073416.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/01/2025	15:10	PP073417.D	10.18	4.49
AR1221ICC500	AR1221ICC500	07/01/2025	15:26	PP073418.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/01/2025	15:43	PP073419.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/01/2025	15:59	PP073420.D	10.19	4.49
AR1242ICC750	AR1242ICC750	07/01/2025	16:16	PP073421.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/01/2025	16:33	PP073422.D	10.19	4.49
AR1242ICC250	AR1242ICC250	07/01/2025	16:49	PP073423.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/01/2025	17:05	PP073424.D	10.19	4.49
AR1248ICC1000	AR1248ICC1000	07/01/2025	17:22	PP073425.D	10.18	4.49
AR1248ICC750	AR1248ICC750	07/01/2025	17:39	PP073426.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/01/2025	17:55	PP073427.D	10.18	4.49
AR1248ICC250	AR1248ICC250	07/01/2025	18:12	PP073428.D	10.19	4.49
AR1248ICC050	AR1248ICC050	07/01/2025	18:28	PP073429.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	07/01/2025	18:45	PP073430.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/01/2025	19:01	PP073431.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/01/2025	19:18	PP073432.D	10.18	4.49
AR1254ICC250	AR1254ICC250	07/01/2025	19:35	PP073433.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/01/2025	19:51	PP073434.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/01/2025	20:08	PP073435.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/01/2025	20:24	PP073436.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/01/2025	20:41	PP073437.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/01/2025	20:57	PP073438.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/01/2025	21:14	PP073439.D	10.18	4.49
AR1268ICC050	AR1268ICC050	07/01/2025	21:30	PP073440.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/03/2025	08:29	PP073484.D	10.18	4.49
IBLK	IBLK	07/03/2025	09:35	PP073488.D	10.18	4.49
PB168707BL	PB168707BL	07/03/2025	11:26	PP073490.D	10.18	4.49
PB168707BS	PB168707BS	07/03/2025	11:43	PP073491.D	10.18	4.49
X600-B2	Q2500-01	07/03/2025	11:59	PP073492.D	10.18	4.49
X600-S2	Q2500-02	07/03/2025	12:15	PP073493.D	10.18	4.49
X600-B1	Q2500-03	07/03/2025	12:32	PP073494.D	10.18	4.49
X600-S1	Q2500-04	07/03/2025	12:48	PP073495.D	10.18	4.49
X600-DUP1	Q2500-05	07/03/2025	13:04	PP073496.D	10.18	4.49
X600-S3	Q2500-06	07/03/2025	13:20	PP073497.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/03/2025	14:26	PP073498.D	10.18	4.49
IBLK	IBLK	07/03/2025	15:48	PP073502.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/04/2025	03:34	PP073504.D	10.17	4.48

Analytical Sequence

I.BLK	I.BLK	07/04/2025	04:55	PP073508.D	10.17	4.49
X600-B2MS	Q2500-01MS	07/04/2025	05:44	PP073511.D	10.17	4.49
X600-B2MSD	Q2500-01MSD	07/04/2025	06:01	PP073512.D	10.17	4.49
AR1660CCC500	AR1660CCC500	07/04/2025	09:16	PP073520.D	10.18	4.49
I.BLK	I.BLK	07/04/2025	11:59	PP073524.D	10.17	4.49

Analytical Sequence

Client: ATC Group Services LLC

SDG No.: Q2500

Project: SCA X600 - 2022SCA426

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 07/01/2025

07/01/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/01/2025	13:46	PP073412.D	8.79	3.78
AR1660ICC1000	AR1660ICC1000	07/01/2025	14:04	PP073413.D	8.79	3.79
AR1660ICC750	AR1660ICC750	07/01/2025	14:21	PP073414.D	8.79	3.79
AR1660ICC500	AR1660ICC500	07/01/2025	14:37	PP073415.D	8.79	3.79
AR1660ICC250	AR1660ICC250	07/01/2025	14:54	PP073416.D	8.79	3.78
AR1660ICC050	AR1660ICC050	07/01/2025	15:10	PP073417.D	8.79	3.78
AR1221ICC500	AR1221ICC500	07/01/2025	15:26	PP073418.D	8.79	3.78
AR1232ICC500	AR1232ICC500	07/01/2025	15:43	PP073419.D	8.79	3.78
AR1242ICC1000	AR1242ICC1000	07/01/2025	15:59	PP073420.D	8.79	3.79
AR1242ICC750	AR1242ICC750	07/01/2025	16:16	PP073421.D	8.79	3.79
AR1242ICC500	AR1242ICC500	07/01/2025	16:33	PP073422.D	8.79	3.79
AR1242ICC250	AR1242ICC250	07/01/2025	16:49	PP073423.D	8.79	3.78
AR1242ICC050	AR1242ICC050	07/01/2025	17:05	PP073424.D	8.79	3.78
AR1248ICC1000	AR1248ICC1000	07/01/2025	17:22	PP073425.D	8.79	3.78
AR1248ICC750	AR1248ICC750	07/01/2025	17:39	PP073426.D	8.79	3.79
AR1248ICC500	AR1248ICC500	07/01/2025	17:55	PP073427.D	8.79	3.79
AR1248ICC250	AR1248ICC250	07/01/2025	18:12	PP073428.D	8.79	3.78
AR1248ICC050	AR1248ICC050	07/01/2025	18:28	PP073429.D	8.79	3.78
AR1254ICC1000	AR1254ICC1000	07/01/2025	18:45	PP073430.D	8.79	3.78
AR1254ICC750	AR1254ICC750	07/01/2025	19:01	PP073431.D	8.79	3.78
AR1254ICC500	AR1254ICC500	07/01/2025	19:18	PP073432.D	8.79	3.78
AR1254ICC250	AR1254ICC250	07/01/2025	19:35	PP073433.D	8.79	3.78
AR1254ICC050	AR1254ICC050	07/01/2025	19:51	PP073434.D	8.79	3.78
AR1262ICC500	AR1262ICC500	07/01/2025	20:08	PP073435.D	8.79	3.78
AR1268ICC1000	AR1268ICC1000	07/01/2025	20:24	PP073436.D	8.79	3.78
AR1268ICC750	AR1268ICC750	07/01/2025	20:41	PP073437.D	8.79	3.78
AR1268ICC500	AR1268ICC500	07/01/2025	20:57	PP073438.D	8.79	3.78
AR1268ICC250	AR1268ICC250	07/01/2025	21:14	PP073439.D	8.79	3.78
AR1268ICC050	AR1268ICC050	07/01/2025	21:30	PP073440.D	8.79	3.78
AR1660CCC500	AR1660CCC500	07/03/2025	08:29	PP073484.D	8.78	3.78
IBLK	IBLK	07/03/2025	09:35	PP073488.D	8.79	3.78
PB168707BL	PB168707BL	07/03/2025	11:26	PP073490.D	8.78	3.78
PB168707BS	PB168707BS	07/03/2025	11:43	PP073491.D	8.79	3.78
X600-B2	Q2500-01	07/03/2025	11:59	PP073492.D	8.79	3.78
X600-S2	Q2500-02	07/03/2025	12:15	PP073493.D	8.79	3.78
X600-B1	Q2500-03	07/03/2025	12:32	PP073494.D	8.79	3.78
X600-S1	Q2500-04	07/03/2025	12:48	PP073495.D	8.79	3.78
X600-DUP1	Q2500-05	07/03/2025	13:04	PP073496.D	8.79	3.78
X600-S3	Q2500-06	07/03/2025	13:20	PP073497.D	8.79	3.78
AR1660CCC500	AR1660CCC500	07/03/2025	14:26	PP073498.D	8.79	3.78
IBLK	IBLK	07/03/2025	15:48	PP073502.D	8.79	3.79
AR1660CCC500	AR1660CCC500	07/04/2025	03:34	PP073504.D	8.78	3.78

Analytical Sequence

I.BLK	I.BLK	07/04/2025	04:55	PP073508.D	8.78	3.78
X600-B2MS	Q2500-01MS	07/04/2025	05:44	PP073511.D	8.78	3.78
X600-B2MSD	Q2500-01MSD	07/04/2025	06:01	PP073512.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/04/2025	09:16	PP073520.D	8.78	3.78
I.BLK	I.BLK	07/04/2025	11:59	PP073524.D	8.78	3.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168707BS

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: PB168707BS

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073491.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.637	5.587	5.687	176	168	3.02
COLUMN 1	2	5.659	5.609	5.709	173		
	3	5.721	5.671	5.771	164		
	4	5.818	5.768	5.868	166		
	5	6.11	6.06	6.16	159		
	1	4.86	4.81	4.91	162		
COLUMN 2	2	4.877	4.827	4.927	159	163	
	3	5.053	5.003	5.103	166		
	4	5.096	5.046	5.146	164		
	5	5.309	5.259	5.359	163		
Aroclor-1260	1	7.227	7.177	7.277	170	152	2.6
COLUMN 1	2	7.481	7.431	7.531	170		
	3	7.839	7.789	7.889	136		
	4	8.063	8.013	8.113	142		
	5	8.382	8.332	8.432	140		
	1	6.339	6.289	6.389	166		
COLUMN 2	2	6.528	6.478	6.578	154	156	
	3	6.68	6.63	6.73	172		
	4	7.149	7.099	7.199	146		
	5	7.392	7.342	7.442	143		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-S2

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-02

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073493.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.487	6.437	6.537	13.9	19.2	5.08
COLUMN 1	2	6.702	6.652	6.752	15.0		
	3	7.066	7.016	7.116	19.2		
	4	7.349	7.299	7.399	13.5		
	5	7.765	7.715	7.815	34.2		
	1	5.661	5.611	5.711	11.4		
COLUMN 2	2	5.81	5.76	5.86	18.4	20.2	
	3	6.211	6.161	6.261	20.3		
	4	6.44	6.39	6.49	15.4		
	5	6.855	6.805	6.905	35.6		
Aroclor-1260	1	7.23	7.18	7.28	15.4	11.8	2.51
COLUMN 1	2	7.482	7.432	7.532	17.2		
	3	7.839	7.789	7.889	5.56		
	4	8.05	8	8.1	16.4		
	5	8.384	8.334	8.434	4.43		
	1	6.341	6.291	6.391	18.2		
COLUMN 2	2	6.529	6.479	6.579	17.6	12.1	
	3	6.68	6.63	6.73	14.2		
	4	7.15	7.1	7.2	5.24		
	5	7.393	7.343	7.443	5.48		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-B1

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-03

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073494.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.486	6.436	6.536	18.0	22.0	6.59
COLUMN 1	2	6.702	6.652	6.752	17.3		
	3	7.066	7.016	7.116	18.9		
	4	7.35	7.3	7.4	20.9		
	5	7.764	7.714	7.814	34.7		
COLUMN 2	1	5.661	5.611	5.711	16.1	23.5	
	2	5.809	5.759	5.859	22.6		
	3	6.211	6.161	6.261	23.9		
	4	6.439	6.389	6.489	18.0		
	5	6.855	6.805	6.905	36.9		
Aroclor-1260	1	7.229	7.179	7.279	16.5	11.7	11.29
COLUMN 1	2	7.482	7.432	7.532	18.6		
	3	7.838	7.788	7.888	4.83		
	4	8.051	8.001	8.101	15.4		
	5	8.383	8.333	8.433	3.30		
COLUMN 2	1	6.341	6.291	6.391	20.2	13.1	
	2	6.529	6.479	6.579	22.2		
	3	6.679	6.629	6.729	14.7		
	4	7.151	7.101	7.201	4.34		
	5	7.393	7.343	7.443	4.10		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-S1

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-04

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073495.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.486	6.436	6.536	12.8	34.2	1.77
COLUMN 1	2	6.702	6.652	6.752	11.7		
	3	7.067	7.017	7.117	21.5		
	4	7.35	7.3	7.4	22.0		
	5	7.767	7.717	7.817	103		
	1	5.662	5.612	5.712	10.3		
COLUMN 2	2	5.81	5.76	5.86	19.6	33.6	
	3	6.212	6.162	6.262	24.7		
	4	6.44	6.39	6.49	18.8		
	5	6.855	6.805	6.905	94.7		
Aroclor-1260	1	7.23	7.18	7.28	26.1	24.9	23.32
COLUMN 1	2	7.482	7.432	7.532	47.7		
	3	7.841	7.791	7.891	10.5		
	4	8.052	8.002	8.102	33.0		
	5	8.384	8.334	8.434	7.21		
	1	6.342	6.292	6.392	25.7	19.7	
COLUMN 2	2	6.531	6.481	6.581	35.3		
	3	6.681	6.631	6.731	19.3		
	4	7.151	7.101	7.201	9.06		
	5	7.393	7.343	7.443	9.21		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-DUP1

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-05

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073496.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.485	6.435	6.535	27.6	71.1	35.82
COLUMN 1	2	6.702	6.652	6.752	32.4		
	3	7.067	7.017	7.117	45.3		
	4	7.349	7.299	7.399	41.6		
	5	7.765	7.715	7.815	209		
	1	5.661	5.611	5.711	15.7		
COLUMN 2	2	5.81	5.76	5.86	27.6	49.5	
	3	6.212	6.162	6.262	33.5		
	4	6.438	6.388	6.488	34.4		
	5	6.855	6.805	6.905	136		
Aroclor-1260	1	7.231	7.181	7.281	39.8	39.6	17.58
COLUMN 1	2	7.483	7.433	7.533	87.6		
	3	7.84	7.79	7.89	39.1		
	4	8.08	8.03	8.13	14.8		
	5	8.384	8.334	8.434	16.6		
	1	6.341	6.291	6.391	37.2		
COLUMN 2	2	6.531	6.481	6.581	73.6	33.2	
	3	6.681	6.631	6.731	22.4		
	4	7.15	7.1	7.2	17.4		
	5	7.394	7.344	7.444	15.3		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-S3

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-06

Date(s) Analyzed: 07/03/2025 07/03/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073497.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.488	6.438	6.538	4.67	4.60	8.33
COLUMN 1	2	6.702	6.652	6.752	3.64		
	3	7.067	7.017	7.117	3.39		
	4	7.349	7.299	7.399	3.94		
	5	7.763	7.713	7.813	7.56		
	1	5.661	5.611	5.711	2.70		
COLUMN 2	2	5.81	5.76	5.86	5.53	5.00	
	3	6.214	6.164	6.264	4.63		
	4	6.442	6.392	6.492	4.18		
	5	6.855	6.805	6.905	7.84		
Aroclor-1260	1	7.232	7.182	7.282	6.51	4.70	4.17
COLUMN 1	2	7.485	7.435	7.535	5.18		
	3	7.841	7.791	7.891	2.96		
	4	8.069	8.019	8.119	4.94		
	5	8.384	8.334	8.434	4.08		
	1	6.342	6.292	6.392	6.88	4.90	
COLUMN 2	2	6.531	6.481	6.581	6.32		
	3	6.682	6.632	6.732	4.19		
	4	7.152	7.102	7.202	3.59		
	5	7.394	7.344	7.444	3.58		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-B2MS

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-01MS

Date(s) Analyzed: 07/04/2025 07/04/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073511.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.637	5.587	5.687	163	163	5.37
COLUMN 1	2	5.658	5.608	5.708	169		
	3	5.72	5.67	5.77	164		
	4	5.817	5.767	5.867	165		
	5	6.109	6.059	6.159	155		
	1	4.856	4.806	4.906	169		
COLUMN 2	2	4.874	4.824	4.924	172	172	
	3	5.05	5	5.1	176		
	4	5.092	5.042	5.142	171		
	5	5.305	5.255	5.355	170		
Aroclor-1260	1	7.226	7.176	7.276	165	144	9.27
COLUMN 1	2	7.48	7.43	7.53	159		
	3	7.838	7.788	7.888	127		
	4	8.062	8.012	8.112	138		
	5	8.379	8.329	8.429	131		
	1	6.335	6.285	6.385	172	158	
COLUMN 2	2	6.524	6.474	6.574	157		
	3	6.676	6.626	6.726	170		
	4	7.145	7.095	7.195	145		
	5	7.388	7.338	7.438	144		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

X600-B2MSD

Lab Name: Alliance

Contract: ATCE02

Lab Code: ACE

SDG NO.: Q2500

Lab Sample ID: Q2500-01MSD

Date(s) Analyzed: 07/04/2025 07/04/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

Data file PP073512.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.636	5.586	5.686	159	160	8.38
COLUMN 1	2	5.657	5.607	5.707	166		
	3	5.719	5.669	5.769	162		
	4	5.816	5.766	5.866	163		
	5	6.108	6.058	6.158	150		
	1	4.857	4.807	4.907	168		
COLUMN 2	2	4.874	4.824	4.924	170	174	
	3	5.051	5.001	5.101	177		
	4	5.093	5.043	5.143	172		
	5	5.306	5.256	5.356	180		
Aroclor-1260	1	7.225	7.175	7.275	160	141	11.37
COLUMN 1	2	7.479	7.429	7.529	155		
	3	7.837	7.787	7.887	125		
	4	8.061	8.011	8.111	135		
	5	8.378	8.328	8.428	130		
	1	6.336	6.286	6.386	172	158	
COLUMN 2	2	6.525	6.475	6.575	157		
	3	6.676	6.626	6.726	171		
	4	7.146	7.096	7.196	145		
	5	7.388	7.338	7.438	144		



QC SAMPLE DATA

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	SCA X600 - 2022SCA426	Date Received:	
Client Sample ID:	PB168707BL	SDG No.:	Q2500
Lab Sample ID:	PB168707BL	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
PP073490.D	1	07/03/25 08:05	07/03/25 11:26	PB168707

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	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		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_P\Data\PP070325\
Data File : PP073490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 11:26
Operator : YP\AJ
Sample : PB168707BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168707BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 11:59:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	31920800	33691947	19.997	18.997
2) SA Decachlor...	10.180	8.784	26269087	27875214	18.486	20.146

Target Compounds

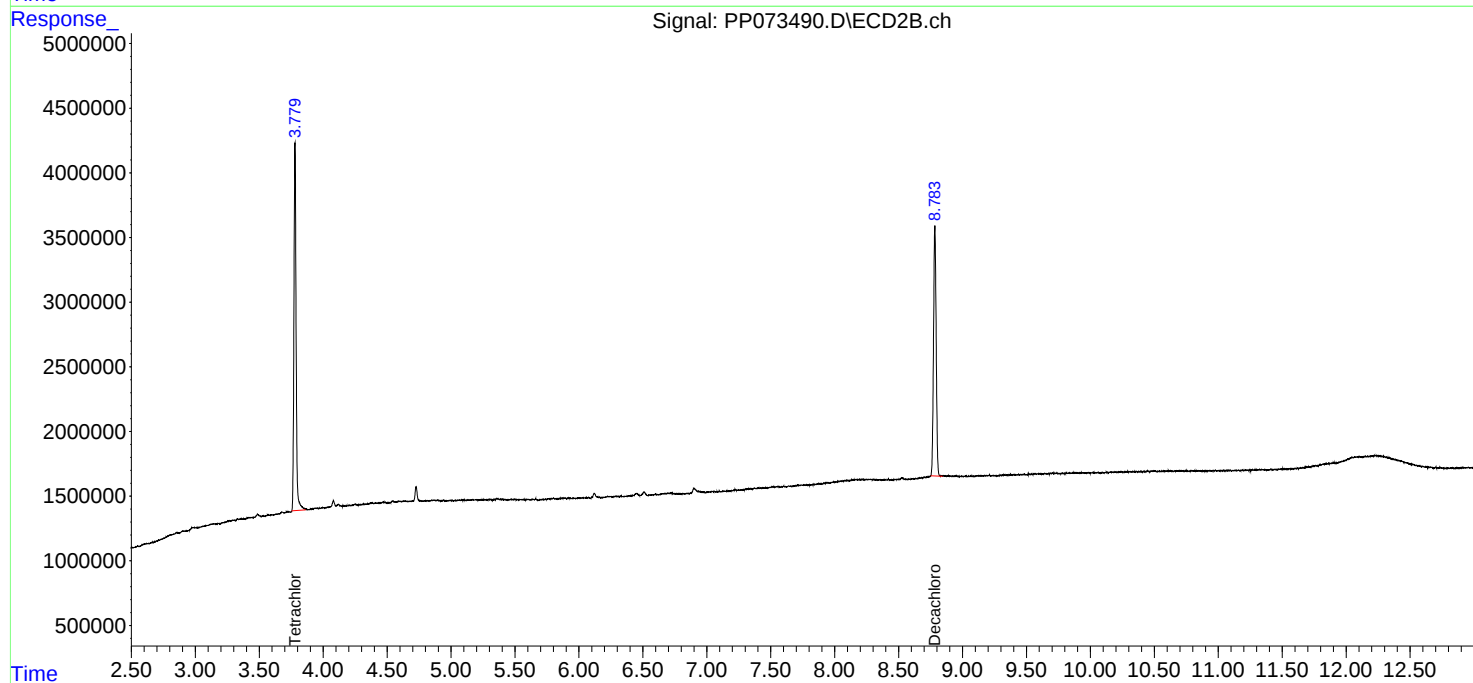
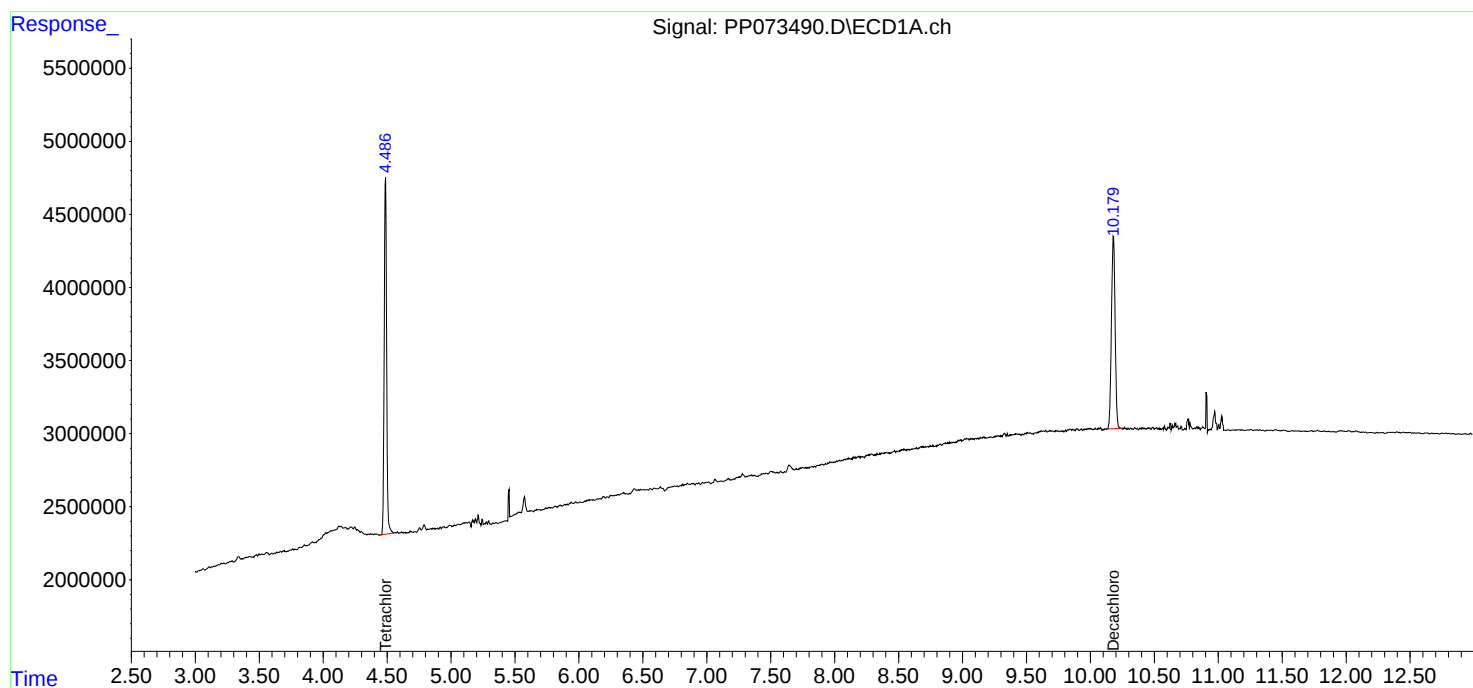
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

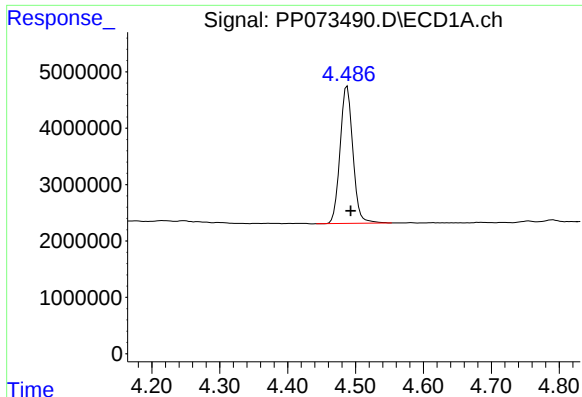
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 11:26
Operator : YP\AJ
Sample : PB168707BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168707BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 11:59:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

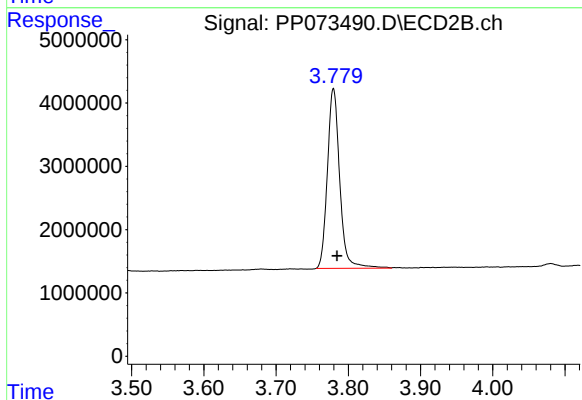




#1 Tetrachloro-m-xylene

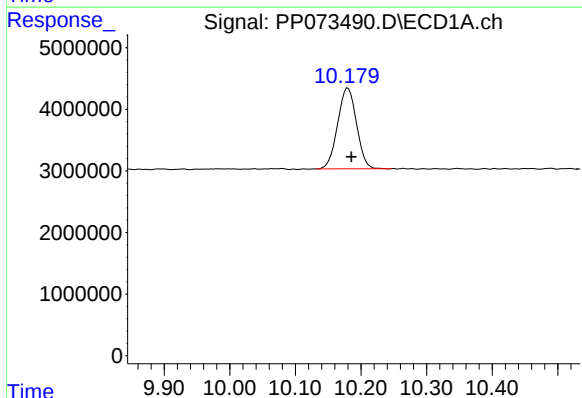
R.T.: 4.488 min
Delta R.T.: -0.005 min
Response: 31920800
Conc: 20.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168707BL



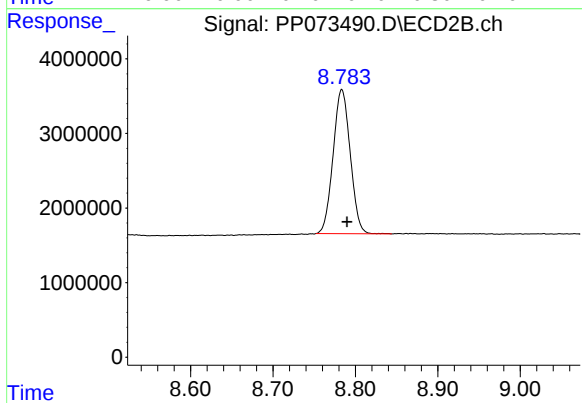
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.005 min
Response: 33691947
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.005 min
Response: 26269087
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: -0.006 min
Response: 27875214
Conc: 20.15 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/01/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/01/25
Client Sample ID:	PIBLK-PP073412.D	SDG No.:	Q2500
Lab Sample ID:	I.BLK-PP073412.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073412.D	1		07/01/25	PP070125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.5		60 - 140	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		60 - 140	78%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 13:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:10:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.784	26444267	29255152	16.566	16.495
2) SA Decachlor...	10.180	8.789	22280074	22785456	15.679	16.468

Target Compounds

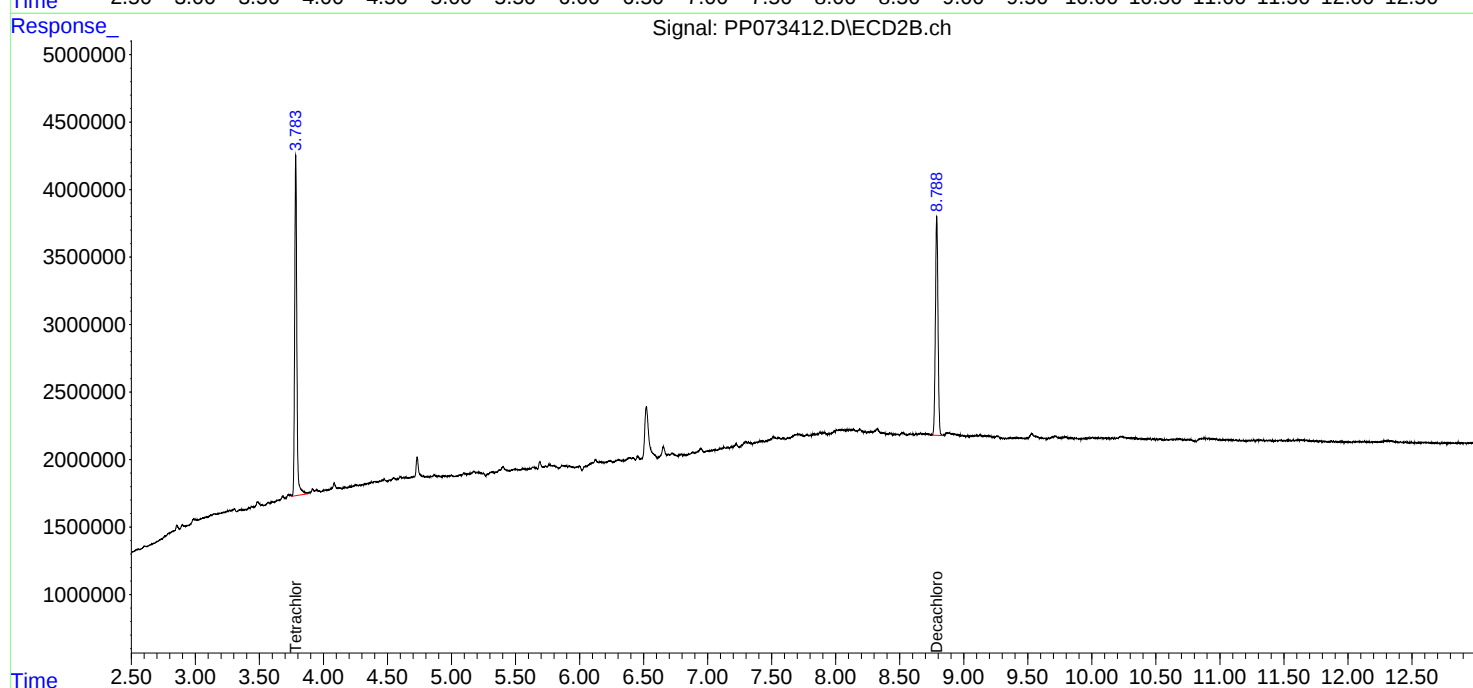
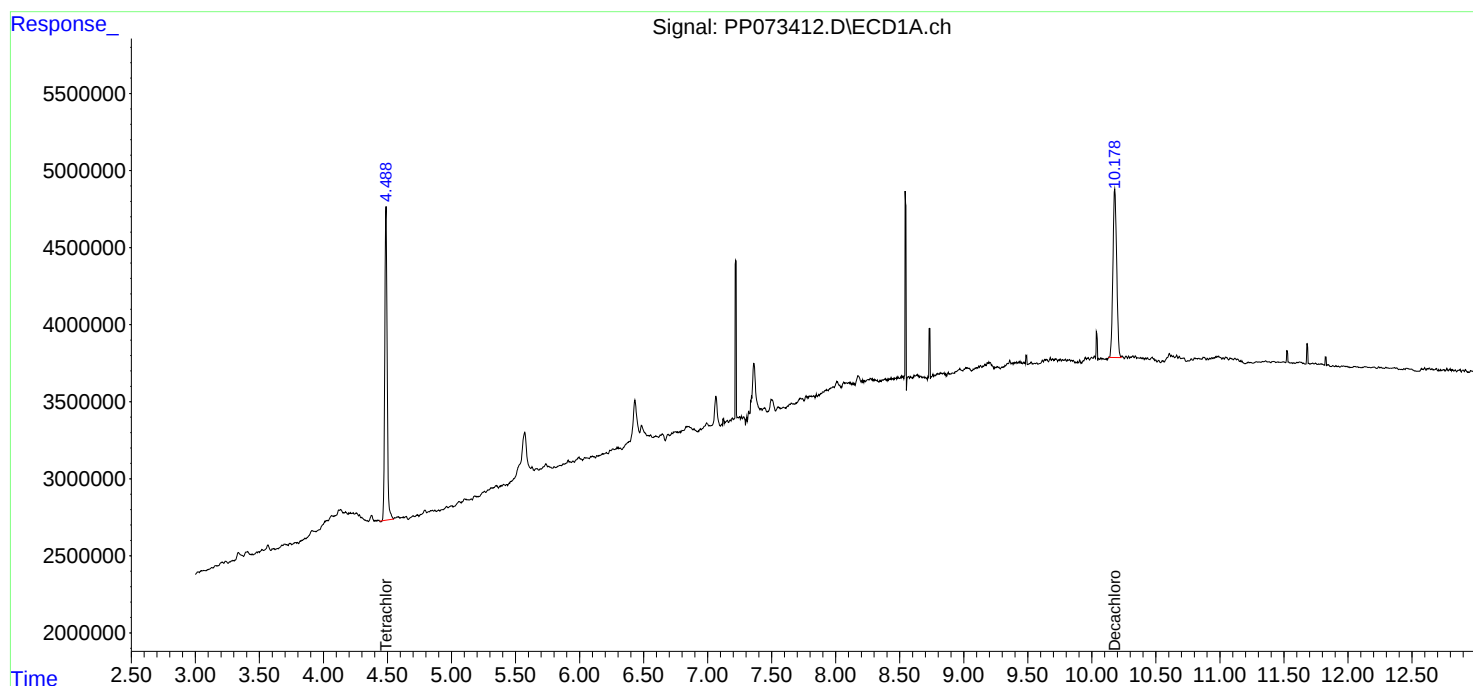
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

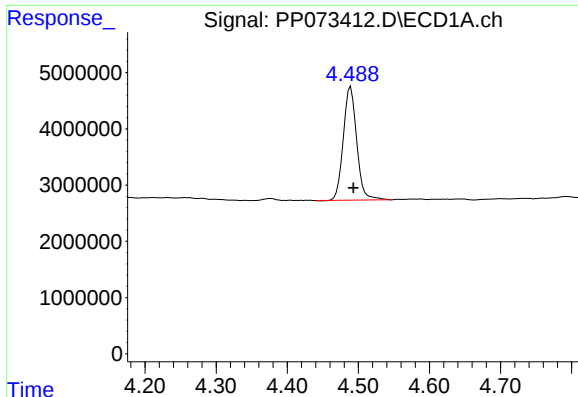
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070125\
Data File : PP073412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 13:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 04:10:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

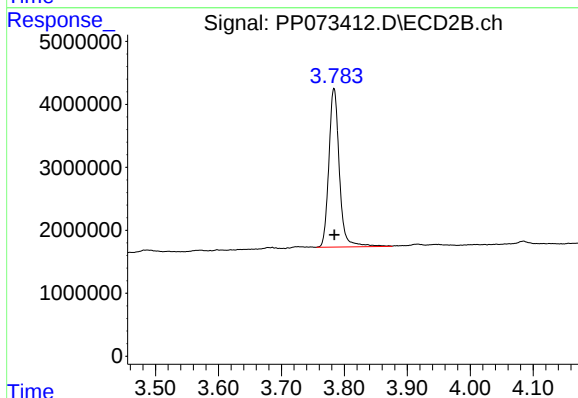




#1 Tetrachloro-m-xylene

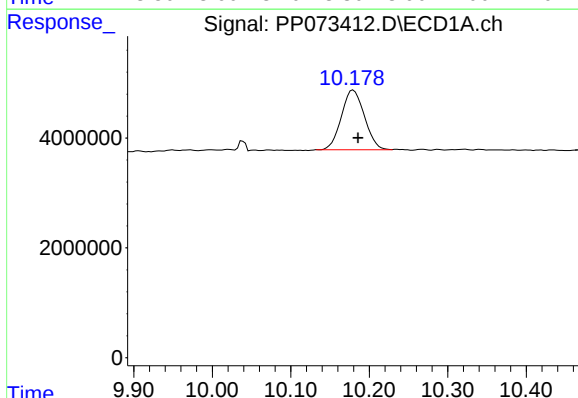
R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 26444267
Conc: 16.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



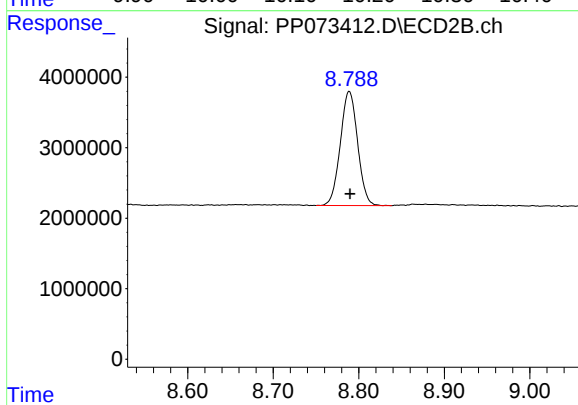
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 29255152
Conc: 16.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.006 min
Response: 22280074
Conc: 15.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 22785456
Conc: 16.47 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/03/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/03/25
Client Sample ID:	PIBLK-PP073488.D	SDG No.:	Q2500
Lab Sample ID:	I.BLK-PP073488.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 :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073488.D	1		07/03/25	PP070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
Total PCBs	Total PCBs	0.14	U	0.14	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		30 - 173	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		10 - 173	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 09:35
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 11:57:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.781	29411920	32248004	18.425	18.183
2) SA Decachlor...	10.178	8.785	24701370	26346468	17.383	19.041

Target Compounds

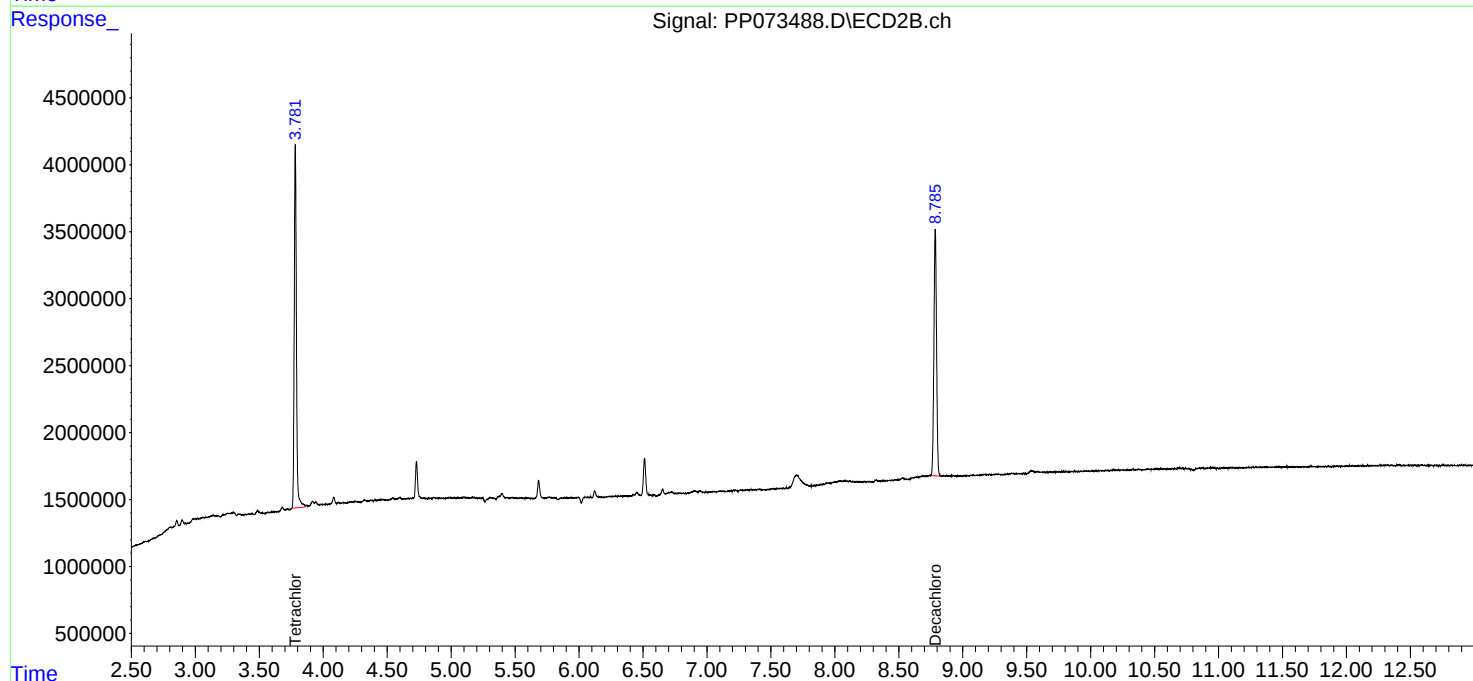
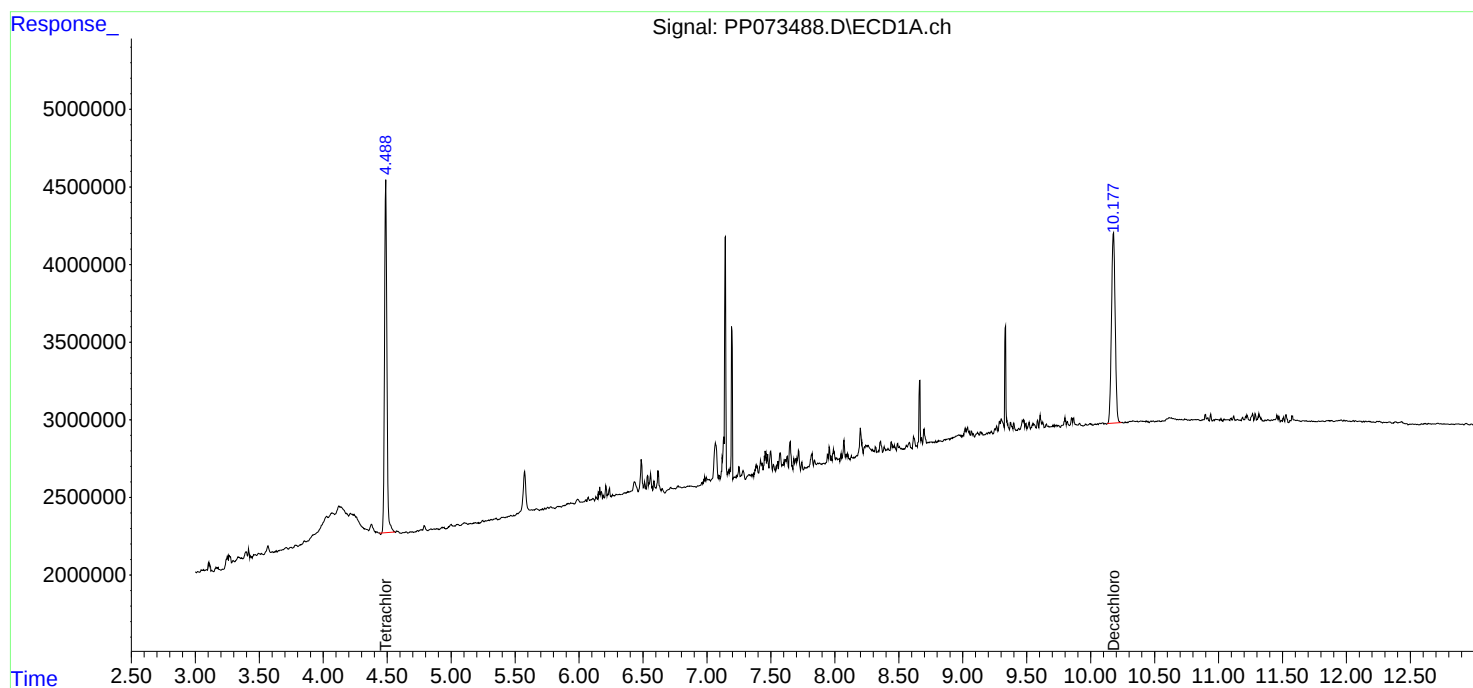
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

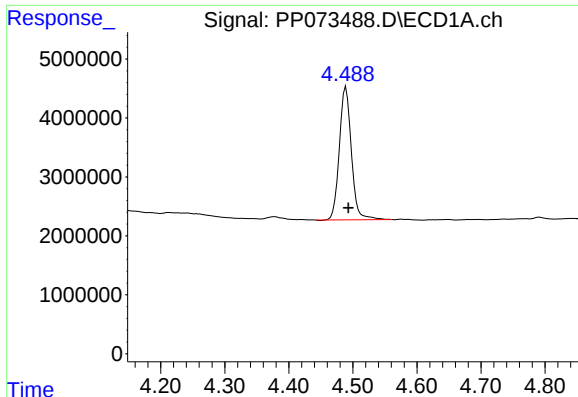
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 09:35
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 11:57:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

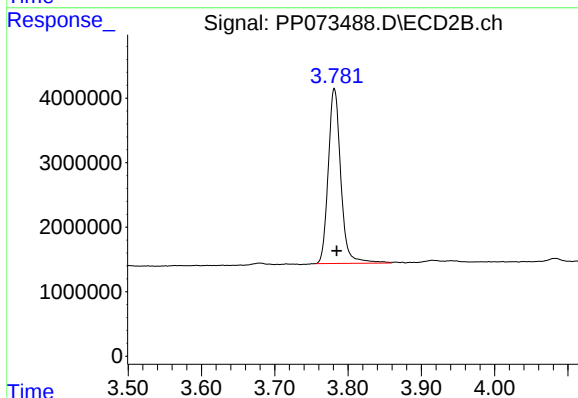




#1 Tetrachloro-m-xylene

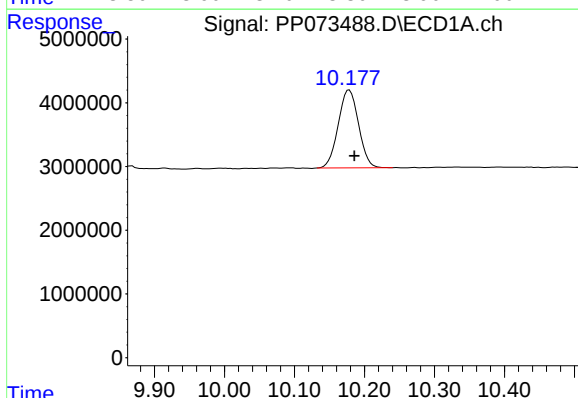
R.T.: 4.489 min
Delta R.T.: -0.004 min
Response: 29411920
Conc: 18.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



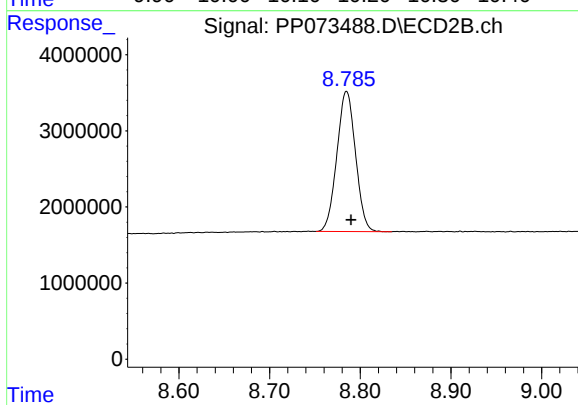
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 32248004
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.007 min
Response: 24701370
Conc: 17.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.005 min
Response: 26346468
Conc: 19.04 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/03/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/03/25
Client Sample ID:	PIBLK-PP073502.D	SDG No.:	Q2500
Lab Sample ID:	I.BLK-PP073502.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 :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073502.D	1		07/03/25	pp070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
Total PCBs	Total PCBs	0.14	U	0.14	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		30 - 173	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		10 - 173	96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 15:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 04:04:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.490	3.785	29067629	32570796	18.209	18.365
2)	SA Decachlor...	10.182	8.790	24380738	26580974	17.158	19.211

Target Compounds

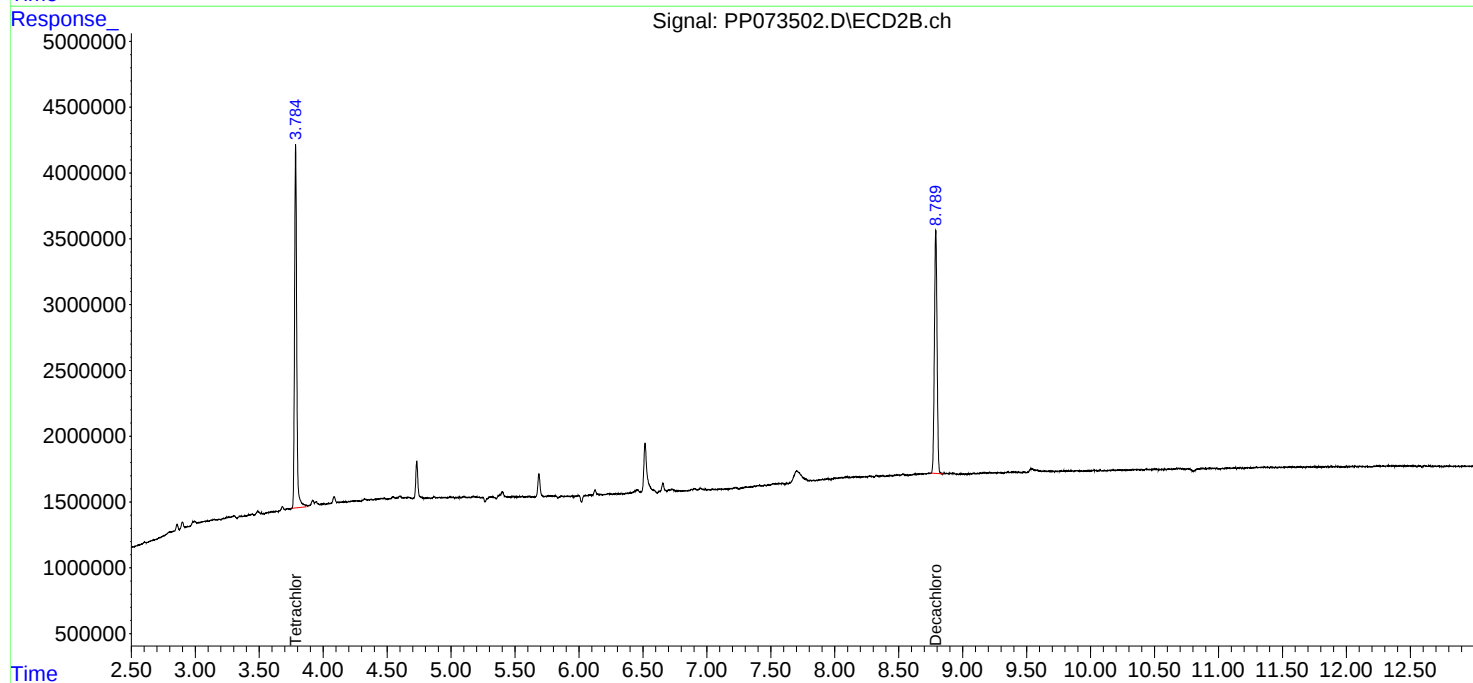
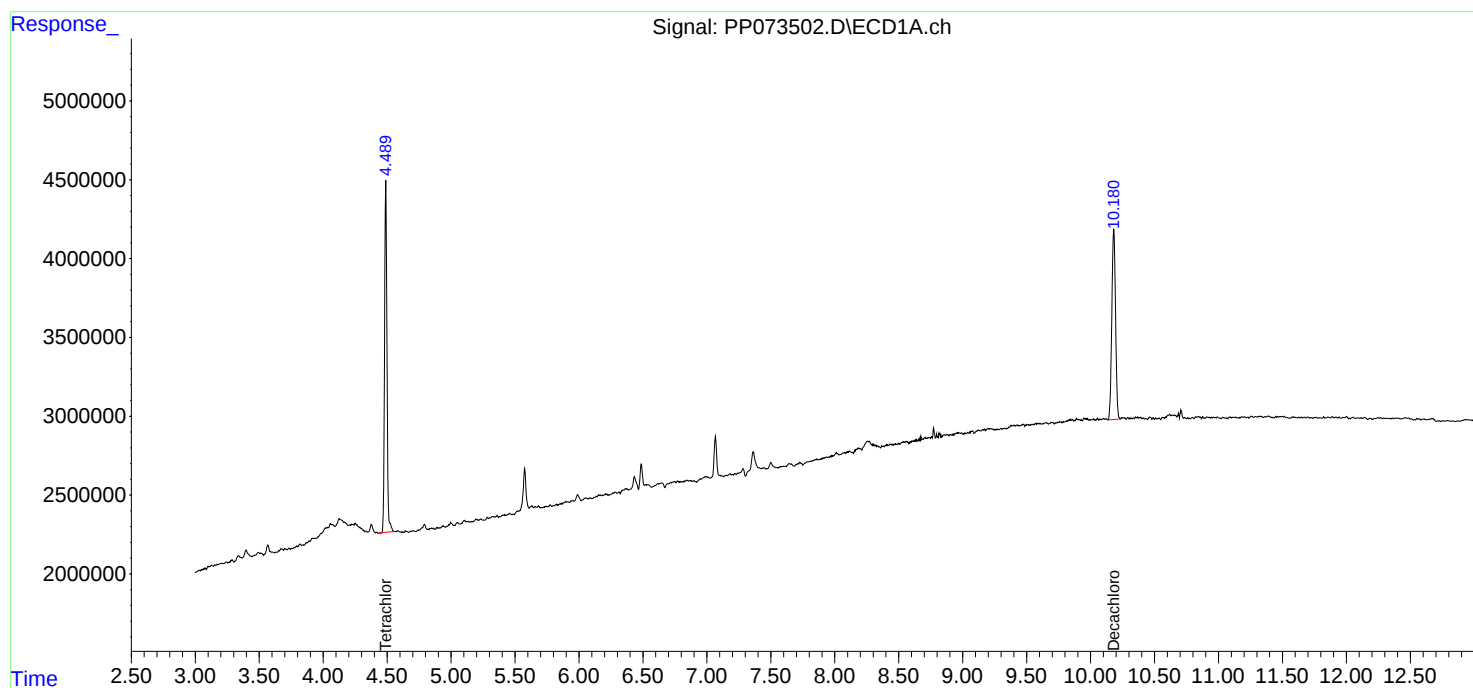
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

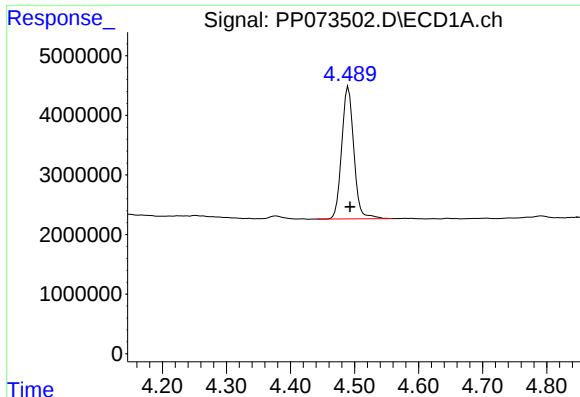
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 15:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 04:04:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

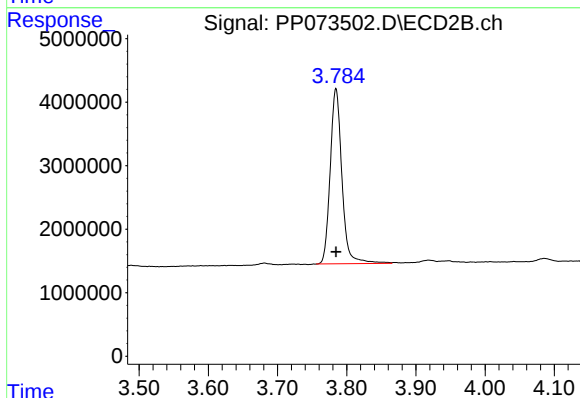




#1 Tetrachloro-m-xylene

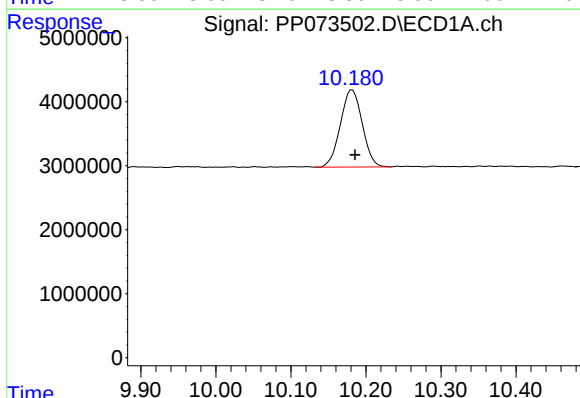
R.T.: 4.490 min
Delta R.T.: -0.003 min
Response: 29067629
Conc: 18.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



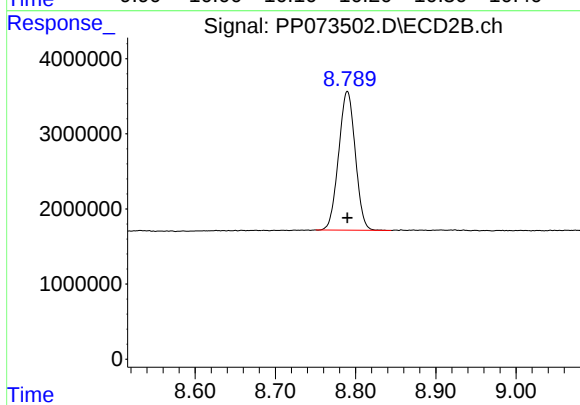
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 32570796
Conc: 18.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.182 min
Delta R.T.: -0.004 min
Response: 24380738
Conc: 17.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 26580974
Conc: 19.21 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/04/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/04/25
Client Sample ID:	PIBLK-PP073508.D	SDG No.:	Q2500
Lab Sample ID:	I.BLK-PP073508.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
PP073508.D	1		07/04/25	pp070425

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	18.0		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 140	83%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 04:55
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 05:27:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.777	28728084	31983265	17.997	18.034m
2) SA Decachlor...	10.172	8.778	23588751	25425503	16.600	18.376m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 04:55
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

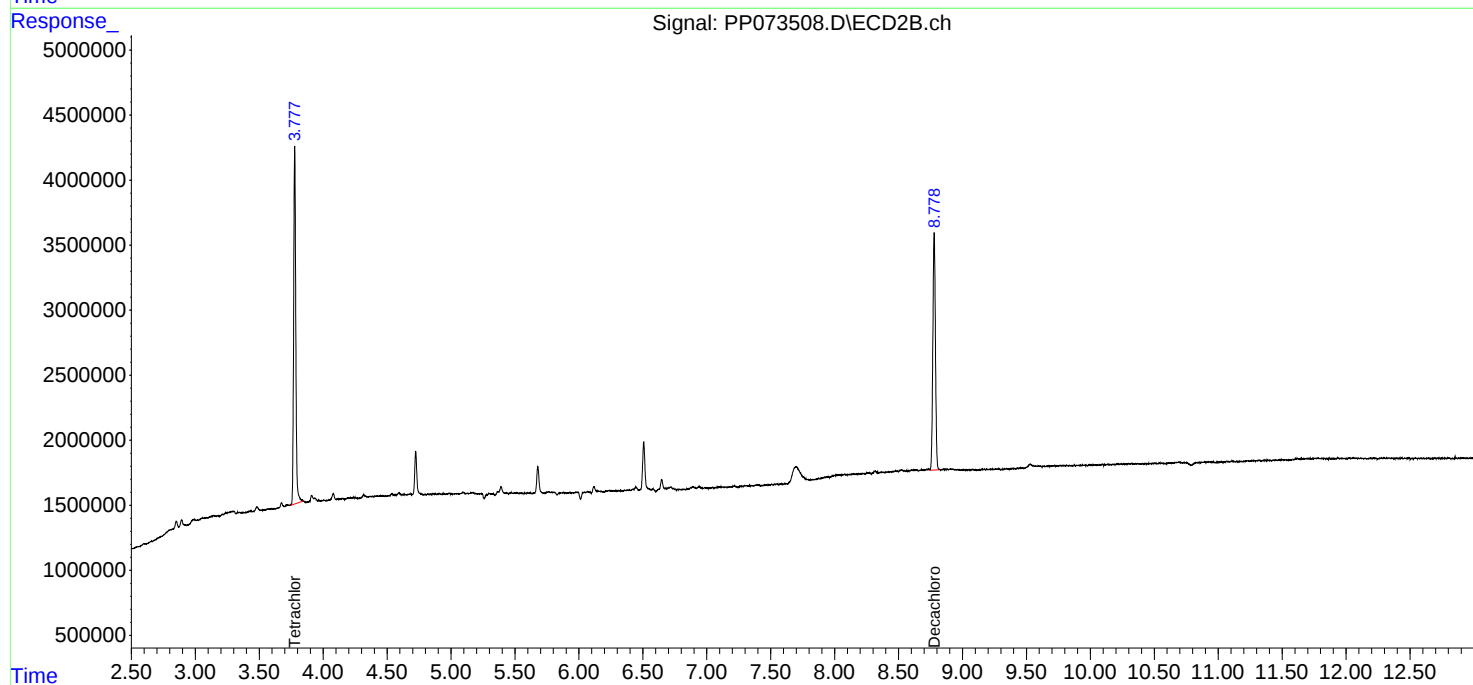
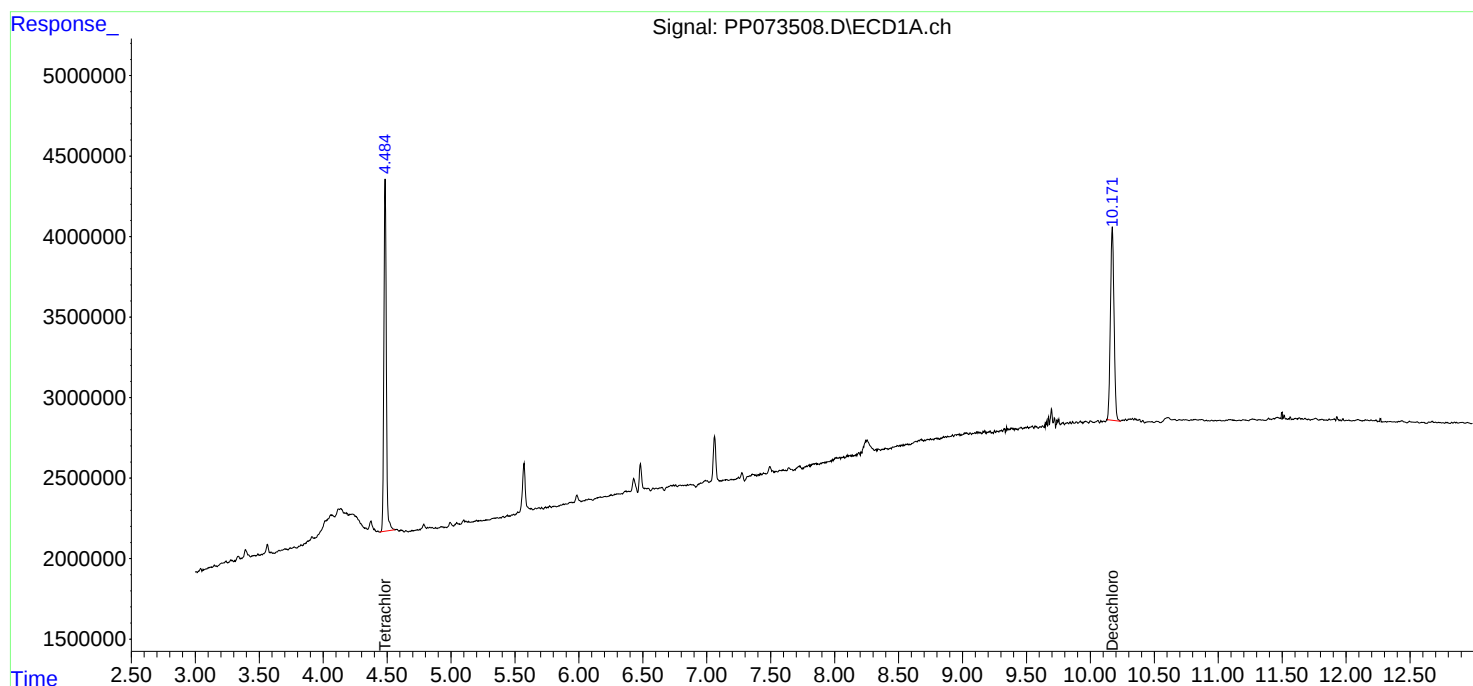
Instrument :
ECD_P
ClientSampleId :
I.BLK

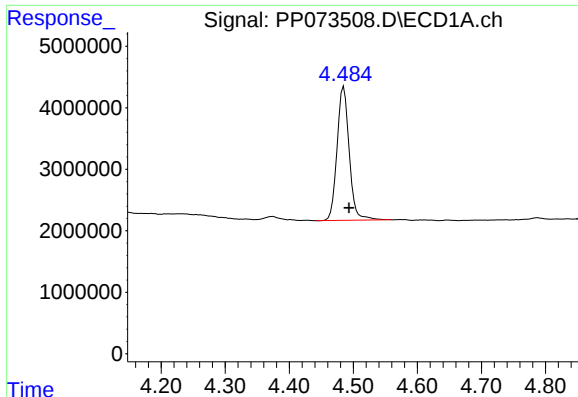
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 05:27:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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





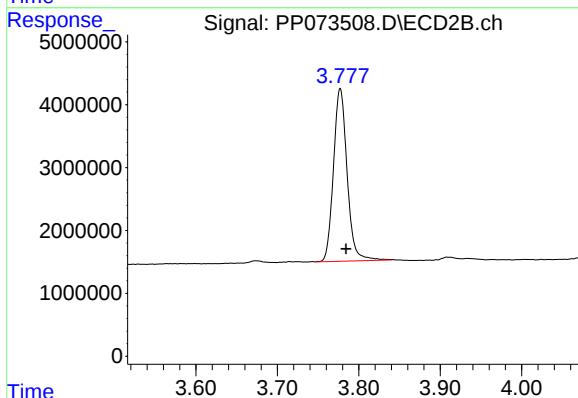
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.008 min
Response: 28728084
Conc: 18.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

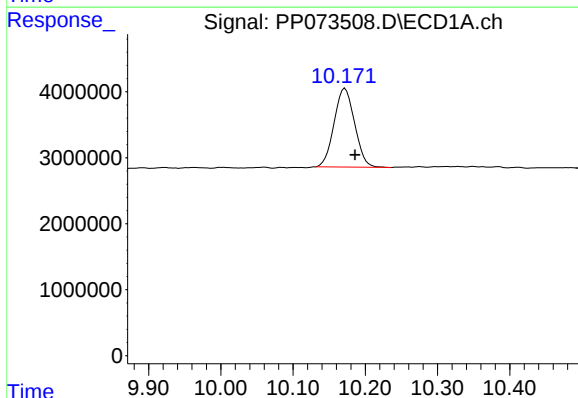
Manual Integrations
APPROVED

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



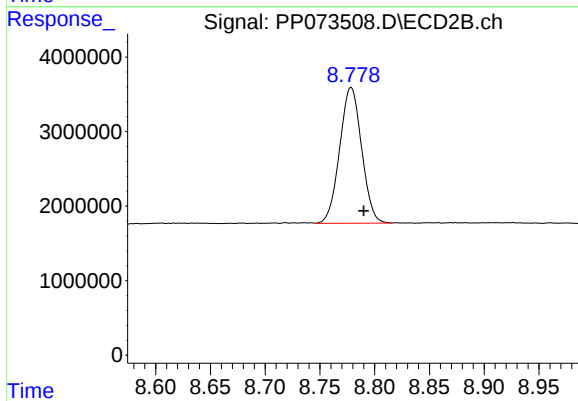
#1 Tetrachloro-m-xylene

R.T.: 3.777 min
Delta R.T.: -0.008 min
Response: 31983265
Conc: 18.03 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.172 min
Delta R.T.: -0.014 min
Response: 23588751
Conc: 16.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: -0.012 min
Response: 25425503
Conc: 18.38 ng/ml m

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/04/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/04/25
Client Sample ID:	PIBLK-PP073524.D	SDG No.:	Q2500
Lab Sample ID:	I.BLK-PP073524.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
PP073524.D	1		07/04/25	pp070425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.6		60 - 140	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.1		60 - 140	70%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 11:59
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 23:28:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.778	24842570	31667592	15.563	17.856
2) SA Decachlor...	10.174	8.780	20018892	24898070	14.088	17.994 #

Target Compounds

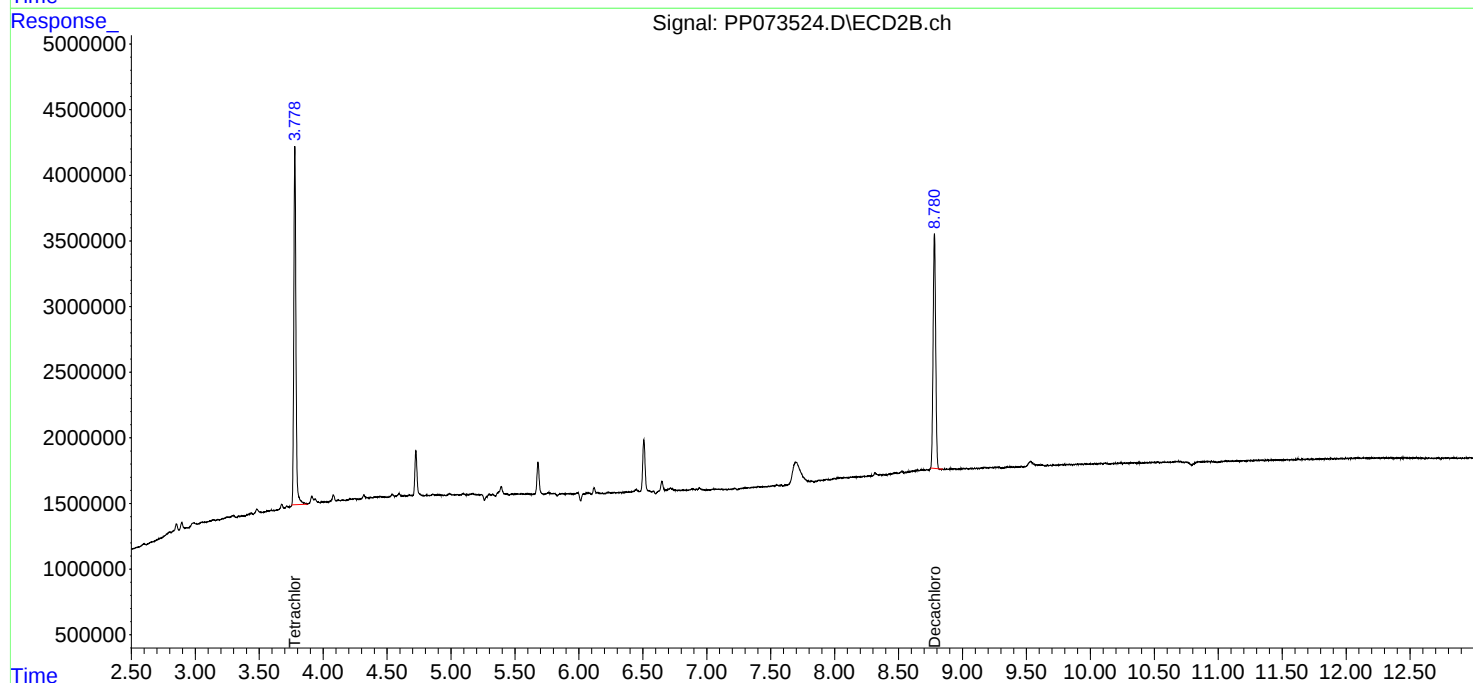
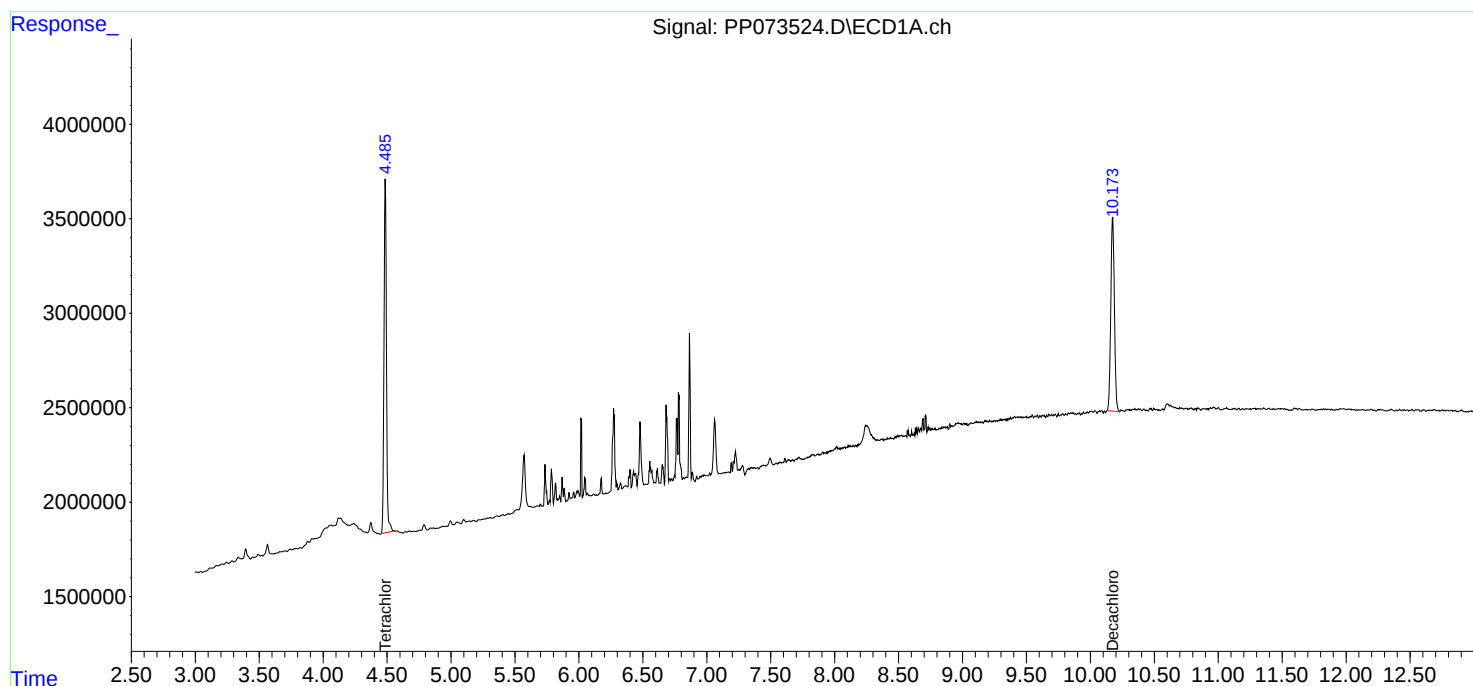
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

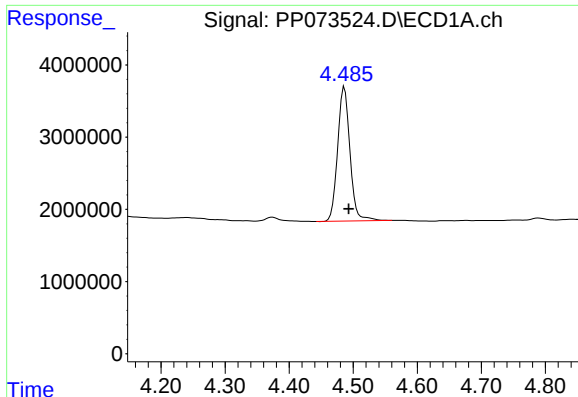
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 11:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 23:28:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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

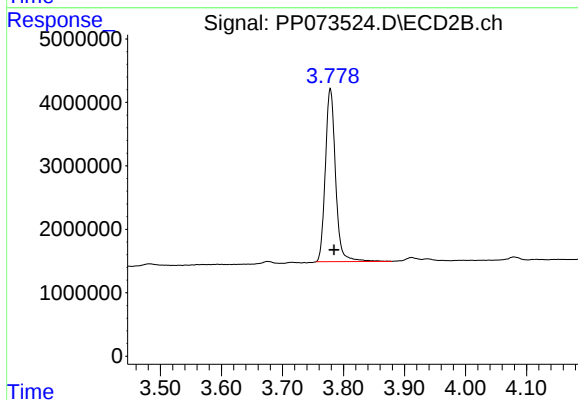




#1 Tetrachloro-m-xylene

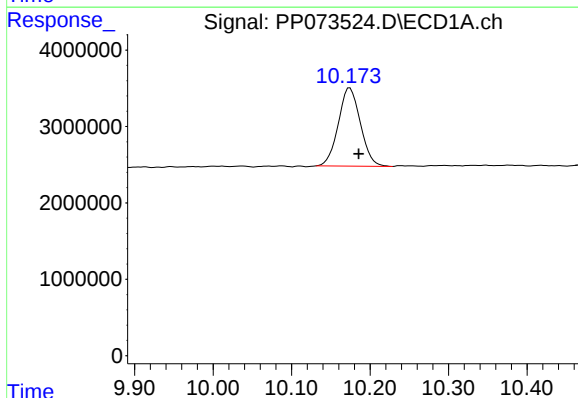
R.T.: 4.486 min
Delta R.T.: -0.007 min
Response: 24842570
Conc: 15.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



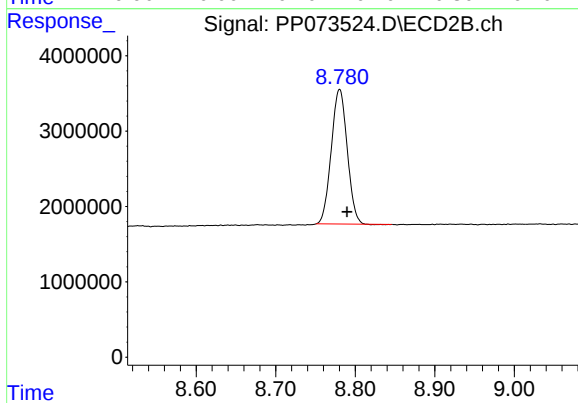
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 31667592
Conc: 17.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.011 min
Response: 20018892
Conc: 14.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.010 min
Response: 24898070
Conc: 17.99 ng/ml

Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	
Project:	SCA X600 - 2022SCA426	Date Received:	
Client Sample ID:	PB168707BS	SDG No.:	Q2500
Lab Sample ID:	PB168707BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB 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
PP073491.D	1	07/03/25 08:05	07/03/25 11:43	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	168		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	156		3.20	17.0	ug/kg
Total PCBs	Total PCBs	324		7.10	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		32 - 175	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_P\Data\PP070325\
 Data File : PP073491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 11:43
 Operator : YP\AJ
 Sample : PB168707BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168707BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 12:25:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.780	32368269	32086377	20.277	18.092
2) SA Decachlor...	10.176	8.785	27442713	28593344	19.312	20.665
Target Compounds						
3) L1 AR-1016-1	5.637	4.860	28988444	31219527	529.176	485.286
4) L1 AR-1016-2	5.659	4.877	43083767	45582710	520.639	478.271
5) L1 AR-1016-3	5.721	5.053	25967464	25127800	492.242	498.371
6) L1 AR-1016-4	5.818	5.096	21979407	19980847	499.257	491.465
7) L1 AR-1016-5	6.110	5.309	19183288	25099591	477.111	489.775
31) L7 AR-1260-1	7.227	6.339	36450402	46031987	511.132	498.837
32) L7 AR-1260-2	7.481	6.528	53671675	57018304	510.617	461.336
33) L7 AR-1260-3	7.839	6.680	37755245	51792729	409.697	517.544 #
34) L7 AR-1260-4	8.063	7.149	37672775	38004255	426.363	437.750
35) L7 AR-1260-5	8.382	7.392	82637941	93410170	419.202	428.168

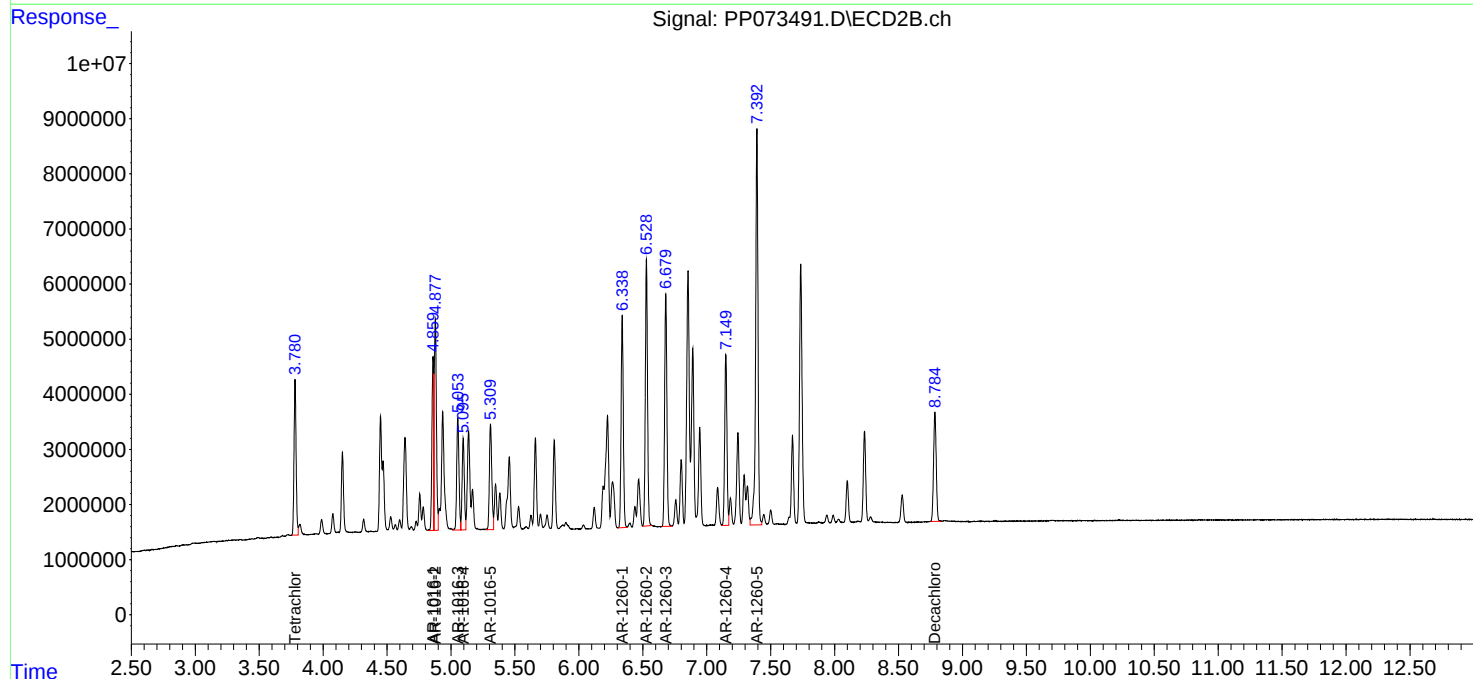
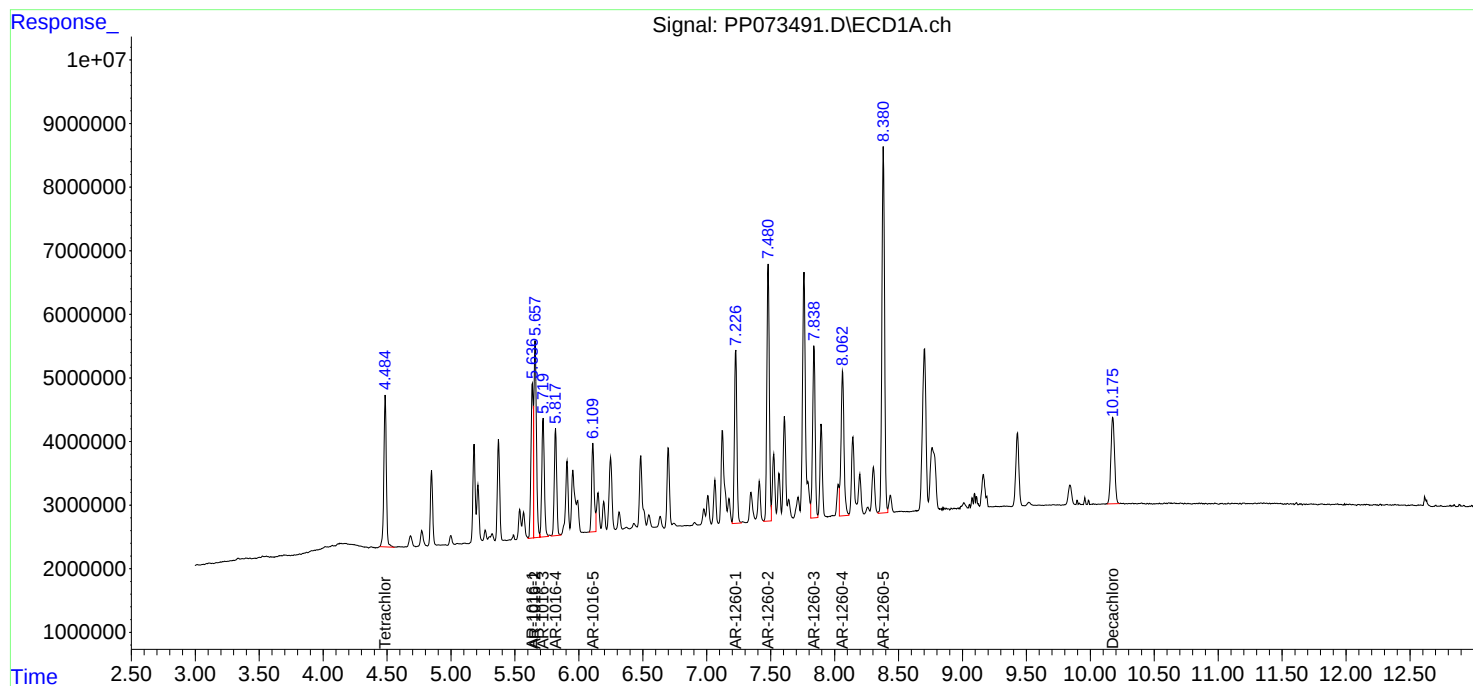
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070325\
Data File : PP073491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 11:43
Operator : YP\AJ
Sample : PB168707BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168707BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 12:25:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-B2MS	SDG No.:	Q2500
Lab Sample ID:	Q2500-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073511.D	1	07/03/25 08:05	07/04/25 05:44	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	172		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	158		3.50	18.2	ug/kg
Total PCBs	Total PCBs	329		7.70	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		32 - 175	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 05:44
 Operator : YP\AJ
 Sample : Q2500-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-B2MS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 07:09:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.777	31727699	34302409	19.876	19.341m
2) SA Decachlor...	10.173	8.779	23512806	26794262	16.547	19.365m
Target Compounds						
3) L1 AR-1016-1	5.637	4.856	25006375	30498681	456.485	474.081
4) L1 AR-1016-2	5.658	4.874	39074422	46045257	472.189	483.124
5) L1 AR-1016-3	5.720	5.050	24263917	24855348	459.949	492.968
6) L1 AR-1016-4	5.817	5.092	20325218	19454002	461.682	478.506
7) L1 AR-1016-5	6.109	5.305	17490770	24358073	435.016	475.306
31) L7 AR-1260-1	7.226	6.335	32981477	44468103	462.489	481.890
32) L7 AR-1260-2	7.480	6.524	46806241	54377092	445.302	439.966
33) L7 AR-1260-3	7.838	6.676	32911446	47670180	357.135	476.349 #
34) L7 AR-1260-4	8.062	7.145	34081668	35290329	385.720	406.490
35) L7 AR-1260-5	8.379	7.388	72264657	87916178	366.581	402.985

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 05:44
Operator : YP\AJ
Sample : Q2500-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

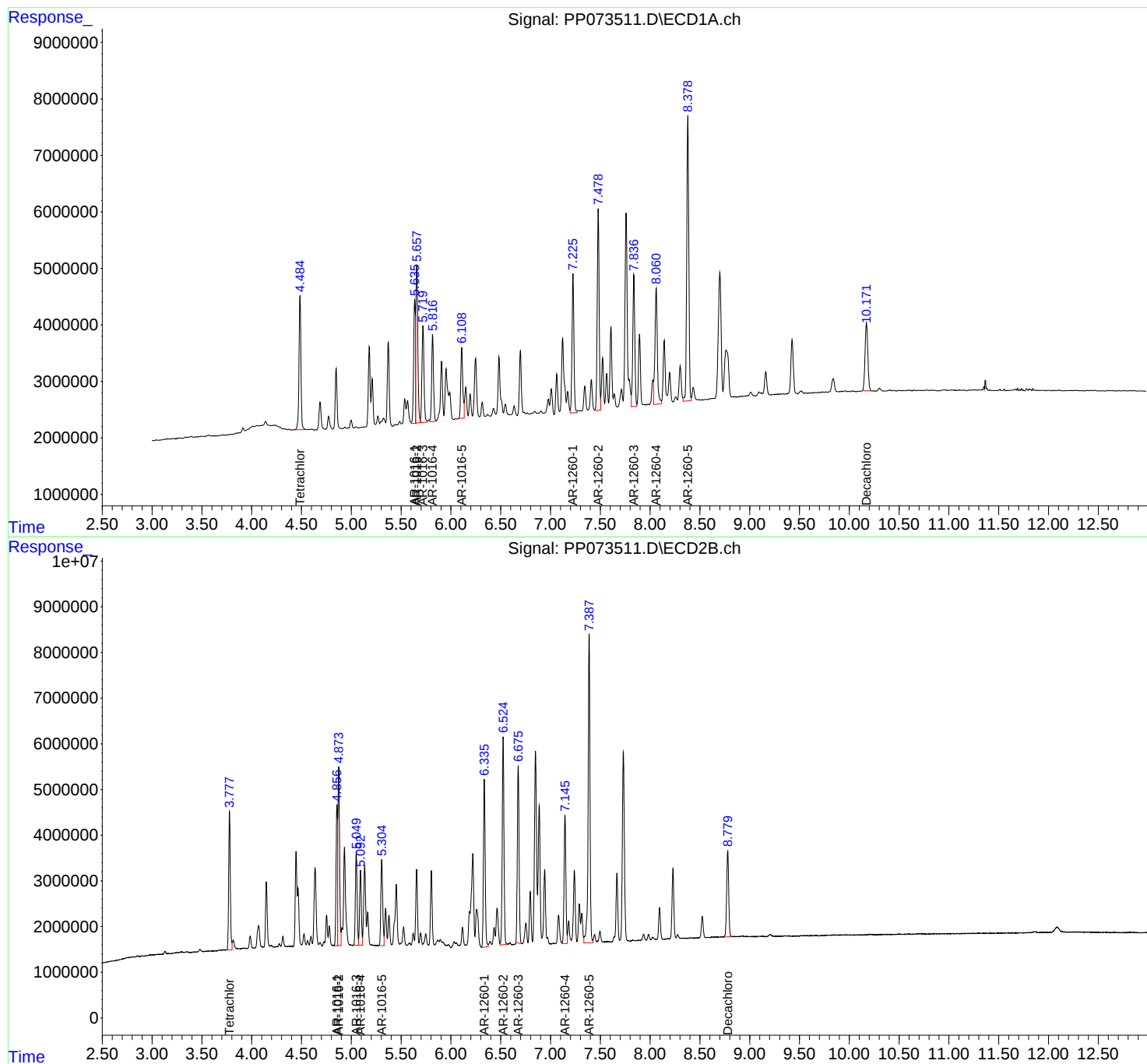
Instrument :
ECD_P
ClientSampleId :
X600-B2MS

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 07:09:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	ATC Group Services LLC	Date Collected:	07/02/25
Project:	SCA X600 - 2022SCA426	Date Received:	07/02/25
Client Sample ID:	X600-B2MSD	SDG No.:	Q2500
Lab Sample ID:	Q2500-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073512.D	1	07/03/25 08:05	07/04/25 06:01	PB168707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	174		4.20	18.2	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.2	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.2	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.2	ug/kg
12672-29-6	Aroclor-1248	6.30	U	6.30	18.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	18.2	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.2	ug/kg
11096-82-5	Aroclor-1260	158		3.50	18.2	ug/kg
Total PCBs	Total PCBs	331		7.70	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		32 - 175	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
 Data File : PP073512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2025 06:01
 Operator : YP\AJ
 Sample : Q2500-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 X600-B2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 07:10:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 02 04:02:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.778	30764629	32781072	19.273	18.483
2) SA Decachlor...	10.171	8.780	21966278	25935132	15.458	18.744
Target Compounds						
3) L1 AR-1016-1	5.636	4.857	24446919	30320934	446.272	471.318
4) L1 AR-1016-2	5.657	4.874	38565670	45333170	466.041	475.653
5) L1 AR-1016-3	5.719	5.051	23890939	24965895	452.879	495.160
6) L1 AR-1016-4	5.816	5.093	20113380	19617713	456.871	482.533
7) L1 AR-1016-5	6.108	5.306	16935087	25857604	421.196	504.567
31) L7 AR-1260-1	7.225	6.336	31997724	44514944	448.694	482.397
32) L7 AR-1260-2	7.479	6.525	45578800	54336199	433.624	439.635
33) L7 AR-1260-3	7.837	6.676	32352961	47923900	351.075	478.885 #
34) L7 AR-1260-4	8.061	7.146	33452079	35333853	378.595	406.991
35) L7 AR-1260-5	8.378	7.388	71683568	87902816	363.633	402.924

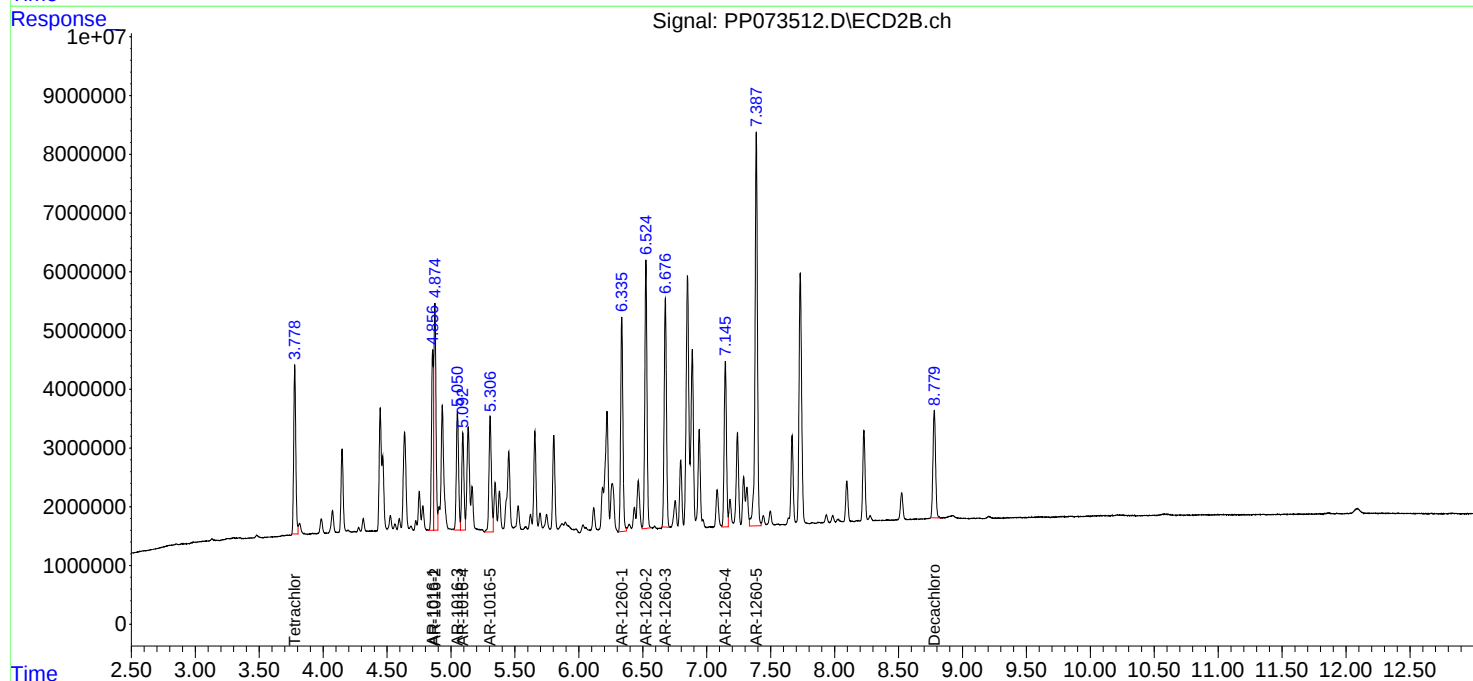
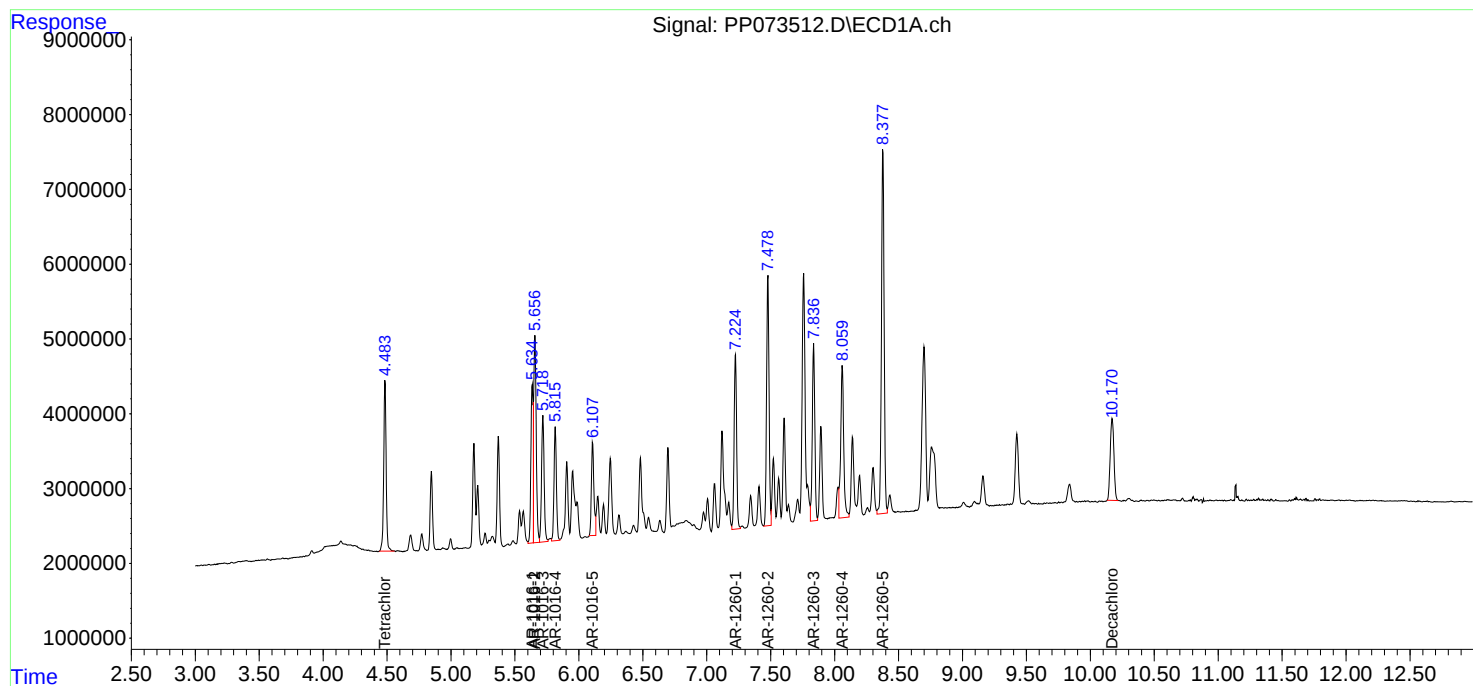
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070425\
Data File : PP073512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2025 06:01
Operator : YP\AJ
Sample : Q2500-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
X600-B2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 07:10:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 02 04:02:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:

PP070125

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP073417.D	AR-1016-1	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1016-2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1016-3	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-1	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-1 #2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-2 #2	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-3	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1660ICC050	PP073417.D	AR-1260-4	yogesh	7/2/2025 7:26:50 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1242ICC050	PP073424.D	AR-1242-5	yogesh	7/2/2025 7:26:51 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1248ICC050	PP073429.D	AR-1248-4	yogesh	7/2/2025 7:26:53 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1248ICC050	PP073429.D	AR-1248-5	yogesh	7/2/2025 7:26:53 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-1	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software

Manual Integration Report

Sequence:

PP070125

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073434.D	AR-1254-2	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-3	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-4	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	AR-1254-5	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1254ICC050	PP073434.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:54 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1268ICC250	PP073439.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:56 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software
AR1268ICC050	PP073440.D	Tetrachloro-m-xylene #2	yogesh	7/2/2025 7:26:57 AM	mohammad	7/2/2025 7:44:45	Peak Integrated by Software

Manual Integration Report

Sequence:

PP070325

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2500-01	PP073492.D	Decachlorobiphenyl	yogesh	7/7/2025 8:35:40 AM	 	 	Peak Integrated by Software
Q2500-06	PP073497.D	AR-1254-1	yogesh	7/7/2025 8:35:42 AM	 	 	Peak Integrated by Software
Q2500-06	PP073497.D	AR-1254-5	yogesh	7/7/2025 8:35:42 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073501.D	AR-1254-4	yogesh	7/7/2025 8:35:43 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pp070425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073504.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:43:51 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073504.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:43:51 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073505.D	Decachlorobiphenyl	yogesh	7/7/2025 8:43:53 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073505.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:43:53 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073505.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:43:53 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073506.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:43:55 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073506.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:43:55 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073507.D	Decachlorobiphenyl	yogesh	7/7/2025 8:43:57 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073507.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:43:57 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073507.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:43:57 AM	 	 	Peak Integrated by Software
I.BLK	PP073508.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:43:59 AM	 	 	Peak Integrated by Software
I.BLK	PP073508.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:43:59 AM	 	 	Peak Integrated by Software
Q2500-01MS	PP073511.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:03 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pp070425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2500-01MS	PP073511.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:44:03 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073520.D	AR-1016-3 #2	yogesh	7/7/2025 8:44:12 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073520.D	AR-1016-4 #2	yogesh	7/7/2025 8:44:12 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073520.D	AR-1016-5 #2	yogesh	7/7/2025 8:44:12 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073520.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:12 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073521.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:15 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073522.D	Decachlorobiphenyl	yogesh	7/7/2025 8:44:17 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073522.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:17 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073522.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:44:17 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073523.D	Decachlorobiphenyl	yogesh	7/7/2025 8:44:18 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073523.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:18 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073523.D	Tetrachloro-m-xylene #2	yogesh	7/7/2025 8:44:18 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073531.D	Decachlorobiphenyl	yogesh	7/7/2025 8:44:27 AM	 	 	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pp070425

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP073531.D	Decachlorobiphenyl #2	yogesh	7/7/2025 8:44:27 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073411.D	01 Jul 2025 13:30	YP\AJ	Ok
2	I.BLK	PP073412.D	01 Jul 2025 13:46	YP\AJ	Ok
3	AR1660ICC1000	PP073413.D	01 Jul 2025 14:04	YP\AJ	Ok
4	AR1660ICC750	PP073414.D	01 Jul 2025 14:21	YP\AJ	Ok
5	AR1660ICC500	PP073415.D	01 Jul 2025 14:37	YP\AJ	Ok
6	AR1660ICC250	PP073416.D	01 Jul 2025 14:54	YP\AJ	Ok
7	AR1660ICC050	PP073417.D	01 Jul 2025 15:10	YP\AJ	Ok,M
8	AR1221ICC500	PP073418.D	01 Jul 2025 15:26	YP\AJ	Ok
9	AR1232ICC500	PP073419.D	01 Jul 2025 15:43	YP\AJ	Ok
10	AR1242ICC1000	PP073420.D	01 Jul 2025 15:59	YP\AJ	Ok
11	AR1242ICC750	PP073421.D	01 Jul 2025 16:16	YP\AJ	Ok
12	AR1242ICC500	PP073422.D	01 Jul 2025 16:33	YP\AJ	Ok
13	AR1242ICC250	PP073423.D	01 Jul 2025 16:49	YP\AJ	Ok
14	AR1242ICC050	PP073424.D	01 Jul 2025 17:05	YP\AJ	Ok,M
15	AR1248ICC1000	PP073425.D	01 Jul 2025 17:22	YP\AJ	Ok
16	AR1248ICC750	PP073426.D	01 Jul 2025 17:39	YP\AJ	Ok
17	AR1248ICC500	PP073427.D	01 Jul 2025 17:55	YP\AJ	Ok
18	AR1248ICC250	PP073428.D	01 Jul 2025 18:12	YP\AJ	Ok
19	AR1248ICC050	PP073429.D	01 Jul 2025 18:28	YP\AJ	Ok,M
20	AR1254ICC1000	PP073430.D	01 Jul 2025 18:45	YP\AJ	Ok
21	AR1254ICC750	PP073431.D	01 Jul 2025 19:01	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP073432.D	01 Jul 2025 19:18	YP\AJ	Ok
23	AR1254ICC250	PP073433.D	01 Jul 2025 19:35	YP\AJ	Ok
24	AR1254ICC050	PP073434.D	01 Jul 2025 19:51	YP\AJ	Ok,M
25	AR1262ICC500	PP073435.D	01 Jul 2025 20:08	YP\AJ	Ok
26	AR1268ICC1000	PP073436.D	01 Jul 2025 20:24	YP\AJ	Ok
27	AR1268ICC750	PP073437.D	01 Jul 2025 20:41	YP\AJ	Ok
28	AR1268ICC500	PP073438.D	01 Jul 2025 20:57	YP\AJ	Ok
29	AR1268ICC250	PP073439.D	01 Jul 2025 21:14	YP\AJ	Ok,M
30	AR1268ICC050	PP073440.D	01 Jul 2025 21:30	YP\AJ	Ok,M
31	PP070125ICV500	PP073441.D	01 Jul 2025 21:47	YP\AJ	Ok
32	AR1242ICV500	PP073442.D	01 Jul 2025 22:20	YP\AJ	Ok
33	AR1248ICV500	PP073443.D	01 Jul 2025 22:53	YP\AJ	Ok
34	AR1254ICV500	PP073444.D	01 Jul 2025 23:26	YP\AJ	Ok
35	AR1268ICV500	PP073445.D	02 Jul 2025 00:00	YP\AJ	Ok
36	DDT ANALOGUE	PP073446.D	02 Jul 2025 07:34	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070325

Review By	yogesh	Review On	7/3/2025 12:00:53 PM
Supervise By		Supervise On	
SubDirectory	PP070325	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073483.D	03 Jul 2025 08:13	YP\AJ	Ok
2	AR1660CCC500	PP073484.D	03 Jul 2025 08:29	YP\AJ	Ok
3	AR1242CCC500	PP073485.D	03 Jul 2025 08:46	YP\AJ	Ok
4	AR1248CCC500	PP073486.D	03 Jul 2025 09:02	YP\AJ	Ok
5	AR1254CCC500	PP073487.D	03 Jul 2025 09:19	YP\AJ	Ok
6	I.BLK	PP073488.D	03 Jul 2025 09:35	YP\AJ	Ok
7	DDT ANALOGUE	PP073489.D	03 Jul 2025 09:52	YP\AJ	Ok
8	PB168707BL	PP073490.D	03 Jul 2025 11:26	YP\AJ	Ok
9	PB168707BS	PP073491.D	03 Jul 2025 11:43	YP\AJ	Ok
10	Q2500-01	PP073492.D	03 Jul 2025 11:59	YP\AJ	Ok,NS
11	Q2500-02	PP073493.D	03 Jul 2025 12:15	YP\AJ	Ok
12	Q2500-03	PP073494.D	03 Jul 2025 12:32	YP\AJ	Ok
13	Q2500-04	PP073495.D	03 Jul 2025 12:48	YP\AJ	Ok
14	Q2500-05	PP073496.D	03 Jul 2025 13:04	YP\AJ	Ok
15	Q2500-06	PP073497.D	03 Jul 2025 13:20	YP\AJ	Ok,NS
16	AR1660CCC500	PP073498.D	03 Jul 2025 14:26	YP\AJ	Ok
17	AR1242CCC500	PP073499.D	03 Jul 2025 14:59	YP\AJ	Ok
18	AR1248CCC500	PP073500.D	03 Jul 2025 15:15	YP\AJ	Ok
19	AR1254CCC500	PP073501.D	03 Jul 2025 15:32	YP\AJ	Ok,NS
20	I.BLK	PP073502.D	03 Jul 2025 15:48	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070425

Review By	yogesh	Review On	7/7/2025 1:32:01 PM
Supervise By		Supervise On	
SubDirectory	PP070425	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073503.D	04 Jul 2025 03:01	YP\AJ	Ok
2	AR1660CCC500	PP073504.D	04 Jul 2025 03:34	YP\AJ	Ok,NS
3	AR1242CCC500	PP073505.D	04 Jul 2025 04:06	YP\AJ	Ok,NS
4	AR1248CCC500	PP073506.D	04 Jul 2025 04:23	YP\AJ	Ok,NS
5	AR1254CCC500	PP073507.D	04 Jul 2025 04:39	YP\AJ	Ok,NS
6	I.BLK	PP073508.D	04 Jul 2025 04:55	YP\AJ	Ok,NS
7	PB168724BL	PP073509.D	04 Jul 2025 05:12	YP\AJ	Ok
8	PB168724BS	PP073510.D	04 Jul 2025 05:28	YP\AJ	Ok,NS
9	Q2500-01MS	PP073511.D	04 Jul 2025 05:44	YP\AJ	Ok,NS
10	Q2500-01MSD	PP073512.D	04 Jul 2025 06:01	YP\AJ	Ok
11	Q2487-09	PP073513.D	04 Jul 2025 06:17	YP\AJ	Not Ok
12	Q2487-10	PP073514.D	04 Jul 2025 06:33	YP\AJ	Ok,NS
13	Q2487-11	PP073515.D	04 Jul 2025 06:50	YP\AJ	Ok,NS
14	Q2487-12	PP073516.D	04 Jul 2025 07:06	YP\AJ	Ok
15	Q2487-13	PP073517.D	04 Jul 2025 07:22	YP\AJ	Ok,NS
16	Q2487-14	PP073518.D	04 Jul 2025 07:38	YP\AJ	Ok
17	Q2487-15	PP073519.D	04 Jul 2025 07:55	YP\AJ	Not Ok
18	AR1660CCC500	PP073520.D	04 Jul 2025 09:16	YP\AJ	Ok,NS
19	AR1242CCC500	PP073521.D	04 Jul 2025 11:10	YP\AJ	Not Ok
20	AR1248CCC500	PP073522.D	04 Jul 2025 11:26	YP\AJ	Ok,NS
21	AR1254CCC500	PP073523.D	04 Jul 2025 11:42	YP\AJ	Not Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070425

Review By	yogesh	Review On	7/7/2025 1:32:01 PM
Supervise By		Supervise On	
SubDirectory	PP070425	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PP073524.D	04 Jul 2025 11:59	YP\AJ	Ok
23	Q2487-16	PP073525.D	04 Jul 2025 12:15	YP\AJ	Not Ok
24	Q2491-01	PP073526.D	04 Jul 2025 12:31	YP\AJ	Not Ok
25	Q2491-01MS	PP073527.D	04 Jul 2025 12:48	YP\AJ	Not Ok
26	Q2491-01MSD	PP073528.D	04 Jul 2025 13:04	YP\AJ	Not Ok
27	Q2493-01	PP073529.D	04 Jul 2025 13:20	YP\AJ	Not Ok
28	AR1660CCC500	PP073530.D	04 Jul 2025 14:41	YP\AJ	Not Ok
29	AR1242CCC500	PP073531.D	04 Jul 2025 14:58	YP\AJ	Not Ok
30	AR1248CCC500	PP073532.D	04 Jul 2025 15:14	YP\AJ	Not Ok
31	AR1254CCC500	PP073533.D	04 Jul 2025 15:30	YP\AJ	Not Ok
32	I.BLK	PP073534.D	04 Jul 2025 15:47	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073411.D	01 Jul 2025 13:30		YP\AJ	Ok
2	I.BLK	I.BLK	PP073412.D	01 Jul 2025 13:46		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073413.D	01 Jul 2025 14:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073414.D	01 Jul 2025 14:21		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073415.D	01 Jul 2025 14:37		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073416.D	01 Jul 2025 14:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP073417.D	01 Jul 2025 15:10		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073418.D	01 Jul 2025 15:26		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073419.D	01 Jul 2025 15:43		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073420.D	01 Jul 2025 15:59		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073421.D	01 Jul 2025 16:16		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073422.D	01 Jul 2025 16:33		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073423.D	01 Jul 2025 16:49		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073424.D	01 Jul 2025 17:05		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073425.D	01 Jul 2025 17:22		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073426.D	01 Jul 2025 17:39		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073427.D	01 Jul 2025 17:55		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073428.D	01 Jul 2025 18:12		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070125

Review By	yogesh	Review On	7/1/2025 1:43:36 PM
Supervise By	mohammad	Supervise On	7/2/2025 7:44:45 AM
SubDirectory	PP070125	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP073429.D	01 Jul 2025 18:28		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073430.D	01 Jul 2025 18:45		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073431.D	01 Jul 2025 19:01		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073432.D	01 Jul 2025 19:18		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073433.D	01 Jul 2025 19:35		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073434.D	01 Jul 2025 19:51		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073435.D	01 Jul 2025 20:08		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073436.D	01 Jul 2025 20:24		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073437.D	01 Jul 2025 20:41		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073438.D	01 Jul 2025 20:57		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073439.D	01 Jul 2025 21:14		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073440.D	01 Jul 2025 21:30		YPIAJ	Ok,M
31	PP070125ICV500	ICVPP070125	PP073441.D	01 Jul 2025 21:47		YPIAJ	Ok
32	AR1242ICV500	ICVPP070125AR1242	PP073442.D	01 Jul 2025 22:20		YPIAJ	Ok
33	AR1248ICV500	ICVPP070125AR1248	PP073443.D	01 Jul 2025 22:53		YPIAJ	Ok
34	AR1254ICV500	ICVPP070125AR1254	PP073444.D	01 Jul 2025 23:26		YPIAJ	Ok
35	AR1268ICV500	ICVPP070125AR1268	PP073445.D	02 Jul 2025 00:00		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073446.D	02 Jul 2025 07:34		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070325

Review By	yogesh	Review On	7/3/2025 12:00:53 PM
Supervise By		Supervise On	
SubDirectory	PP070325	HP Acquire Method	HP Processing Method PP070125

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073483.D	03 Jul 2025 08:13		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073484.D	03 Jul 2025 08:29		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073485.D	03 Jul 2025 08:46		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073486.D	03 Jul 2025 09:02		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073487.D	03 Jul 2025 09:19		YP\AJ	Ok
6	I.BLK	I.BLK	PP073488.D	03 Jul 2025 09:35		YP\AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PP073489.D	03 Jul 2025 09:52		YP\AJ	Ok
8	PB168707BL	PB168707BL	PP073490.D	03 Jul 2025 11:26		YP\AJ	Ok
9	PB168707BS	PB168707BS	PP073491.D	03 Jul 2025 11:43		YP\AJ	Ok
10	Q2500-01	X600-B2	PP073492.D	03 Jul 2025 11:59		YP\AJ	Ok,NS
11	Q2500-02	X600-S2	PP073493.D	03 Jul 2025 12:15	AR1254 Hit & AR1260 Hit	YP\AJ	Ok
12	Q2500-03	X600-B1	PP073494.D	03 Jul 2025 12:32	AR1254 Hit & AR1260 Hit	YP\AJ	Ok
13	Q2500-04	X600-S1	PP073495.D	03 Jul 2025 12:48	AR1254 Hit & AR1260 Hit	YP\AJ	Ok
14	Q2500-05	X600-DUP1	PP073496.D	03 Jul 2025 13:04	AR1254 Hit & AR1260 Hit	YP\AJ	Ok
15	Q2500-06	X600-S3	PP073497.D	03 Jul 2025 13:20	AR1254 Hit & AR1260 Hit	YP\AJ	Ok,NS
16	AR1660CCC500	AR1660CCC500	PP073498.D	03 Jul 2025 14:26		YP\AJ	Ok
17	AR1242CCC500	AR1242CCC500	PP073499.D	03 Jul 2025 14:59		YP\AJ	Ok
18	AR1248CCC500	AR1248CCC500	PP073500.D	03 Jul 2025 15:15		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070325

Review By	yogesh	Review On	7/3/2025 12:00:53 PM
Supervise By		Supervise On	
SubDirectory	PP070325	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1254CCC500	AR1254CCC500	PP073501.D	03 Jul 2025 15:32		YP\AJ	Ok,NS
20	I.BLK	I.BLK	PP073502.D	03 Jul 2025 15:48		YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070425

Review By	yogesh	Review On	7/7/2025 1:32:01 PM
Supervise By		Supervise On	
SubDirectory	PP070425	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073503.D	04 Jul 2025 03:01		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073504.D	04 Jul 2025 03:34		YP\AJ	Ok,NS
3	AR1242CCC500	AR1242CCC500	PP073505.D	04 Jul 2025 04:06		YP\AJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP073506.D	04 Jul 2025 04:23		YP\AJ	Ok,NS
5	AR1254CCC500	AR1254CCC500	PP073507.D	04 Jul 2025 04:39		YP\AJ	Ok,NS
6	I.BLK	I.BLK	PP073508.D	04 Jul 2025 04:55		YP\AJ	Ok,NS
7	PB168724BL	PB168724BL	PP073509.D	04 Jul 2025 05:12		YP\AJ	Ok
8	PB168724BS	PB168724BS	PP073510.D	04 Jul 2025 05:28		YP\AJ	Ok,NS
9	Q2500-01MS	X600-B2MS	PP073511.D	04 Jul 2025 05:44		YP\AJ	Ok,NS
10	Q2500-01MSD	X600-B2MSD	PP073512.D	04 Jul 2025 06:01		YP\AJ	Ok
11	Q2487-09	G4(0-6)	PP073513.D	04 Jul 2025 06:17	AR1254 ccc fail, AR1260+1254 Hit	YP\AJ	Not Ok
12	Q2487-10	G4(6-12)	PP073514.D	04 Jul 2025 06:33		YP\AJ	Ok,NS
13	Q2487-11	G3(0-6)	PP073515.D	04 Jul 2025 06:50	AR1260 Hit	YP\AJ	Ok,NS
14	Q2487-12	G3(6-12)	PP073516.D	04 Jul 2025 07:06		YP\AJ	Ok
15	Q2487-13	G2(0-6)	PP073517.D	04 Jul 2025 07:22	AR1260 Hit	YP\AJ	Ok,NS
16	Q2487-14	G2(6-12)	PP073518.D	04 Jul 2025 07:38		YP\AJ	Ok
17	Q2487-15	G1(0-6)	PP073519.D	04 Jul 2025 07:55	AR1254+1268 Hit , AR1254 CCC fail	YP\AJ	Not Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070425

Review By	yogesh	Review On	7/7/2025 1:32:01 PM
Supervise By		Supervise On	
SubDirectory	PP070425	HP Acquire Method	HP Processing Method PP070125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	AR1660CCC500	AR1660CCC500	PP073520.D	04 Jul 2025 09:16	AR1016-5 high in 2nd column	YPIAJ	Ok,NS
19	AR1242CCC500	AR1242CCC500	PP073521.D	04 Jul 2025 11:10	AR1242-1,2,3 and DCB low in 1st column	YPIAJ	Not Ok
20	AR1248CCC500	AR1248CCC500	PP073522.D	04 Jul 2025 11:26	DCB Low in 1st column	YPIAJ	Ok,NS
21	AR1254CCC500	AR1254CCC500	PP073523.D	04 Jul 2025 11:42	AR1254-3,4,5 and DCB low in 1st column	YPIAJ	Not Ok
22	I.BLK	I.BLK	PP073524.D	04 Jul 2025 11:59		YPIAJ	Ok
23	Q2487-16	G1(6-12)	PP073525.D	04 Jul 2025 12:15	end ccc fail	YPIAJ	Not Ok
24	Q2491-01	EO-1-070225	PP073526.D	04 Jul 2025 12:31	end ccc fail	YPIAJ	Not Ok
25	Q2491-01MS	EO-1-070225MS	PP073527.D	04 Jul 2025 12:48	end ccc fail	YPIAJ	Not Ok
26	Q2491-01MSD	EO-1-070225MSD	PP073528.D	04 Jul 2025 13:04	end ccc fail	YPIAJ	Not Ok
27	Q2493-01	WC-11	PP073529.D	04 Jul 2025 13:20	end ccc fail	YPIAJ	Not Ok
28	AR1660CCC500	AR1660CCC500	PP073530.D	04 Jul 2025 14:41	AR1260 and DCB low in first column	YPIAJ	Not Ok
29	AR1242CCC500	AR1242CCC500	PP073531.D	04 Jul 2025 14:58	AR1242 low in 1st column	YPIAJ	Not Ok
30	AR1248CCC500	AR1248CCC500	PP073532.D	04 Jul 2025 15:14	AR1248,DCB and TCMX low in 1st column	YPIAJ	Not Ok
31	AR1254CCC500	AR1254CCC500	PP073533.D	04 Jul 2025 15:30	AR1254,DCB and TCMX low in 1st column	YPIAJ	Not Ok
32	I.BLK	I.BLK	PP073534.D	04 Jul 2025 15:47		YPIAJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
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: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2480-01	GPX1	1	1.15	10.52	11.67	10.44	88.3	
Q2480-02	GPX2	2	1.19	10.60	11.79	10.66	89.3	
Q2480-03	GPX3	3	1.15	10.84	11.99	10.77	88.7	
Q2480-04	GPX4	4	1.13	10.84	11.97	10.66	87.9	
Q2480-05	GPX5	5	1.13	10.53	11.66	10.55	89.5	
Q2480-06	GPX6	6	1.17	10.56	11.73	10.35	86.9	
Q2480-07	GPX7	7	1.18	10.59	11.77	10.48	87.8	
Q2480-08	GPX8	8	1.18	10.37	11.55	10.22	87.2	
Q2484-01	TP-58	9	1.19	10.77	11.96	10.47	86.2	
Q2484-02	TP-57	10	1.18	10.22	11.4	9.97	86.0	
Q2484-03	TP-64	11	1.16	10.50	11.66	10.44	88.4	
Q2484-04	TP-107	12	1.13	10.69	11.82	10.09	83.8	
Q2484-05	TP-1006	13	1.14	10.48	11.62	10.35	87.9	
Q2484-06	TP-104	14	1.15	10.29	11.44	10.13	87.3	
Q2486-01	WASTE	15	1.16	10.31	11.47	9.77	83.5	
Q2486-02	VOC	16	1.18	11.32	12.5	10.65	83.7	
Q2486-03	1	17	1.15	10.80	11.95	10.24	84.2	
Q2486-04	2	18	1.13	10.46	11.59	9.74	82.3	
Q2486-05	3	19	1.13	10.78	11.91	10.12	83.4	
Q2486-06	4	20	1.19	10.00	11.19	9.65	84.6	
Q2486-07	5	21	1.19	10.26	11.45	8.79	74.1	
Q2491-01	EO-1-070225	22	1.19	10.51	11.7	10.9	92.4	
Q2491-02	EO-1-070225-E2	23	1.15	10.14	11.29	10.5	92.2	
Q2492-01	VNJ-254-1	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2492-02	VNJ-254-2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2493-01	WC-11	26	1.13	10.45	11.58	10.4	88.7	
Q2493-02	WC-11-EPH	27	1.19	10.23	11.42	9.72	83.4	
Q2493-03	WC-11-VOC	28	1.14	9.89	11.03	10.2	91.6	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
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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: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2494-01	Playhouse/Storag	35	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q2494-02	Playhouse/Storag	36	1.00	1.00	2.00	2.00	100.0	chair form
Q2494-03	Garage Seat Foa	37	1.00	1.00	2.00	2.00	100.0	seat form
Q2494-04	Black foam in Sou	38	1.00	1.00	2.00	2.00	100.0	black form
Q2494-05	Kids Room styof	39	1.00	1.00	2.00	2.00	100.0	yellow form
Q2494-06	Kids Room Lower	40	1.00	1.00	2.00	2.00	100.0	form
Q2494-07	Kids Room styof	41	1.00	1.00	2.00	2.00	100.0	styra form
Q2494-08	Dog Beg Foam	42	1.00	1.00	2.00	2.00	100.0	bag form
Q2494-09	Cotton Layer - Ott	43	1.00	1.00	2.00	2.00	100.0	cotton layer
Q2494-10	Foam Ottoman	44	1.00	1.00	2.00	2.00	100.0	form ottoman
Q2494-11	Foyer North Wall	45	1.00	1.00	2.00	2.00	100.0	foyer north wall plug
Q2494-12	NE Stucco Exterio	46	1.00	1.00	2.00	2.00	100.0	stucco exterior
Q2494-13	Master Mattress	47	1.00	1.00	2.00	2.00	100.0	mattress
Q2495-01	Chair Foam Parke	48	1.00	1.00	2.00	2.00	100.0	chair form
Q2495-02	SE Bedroom (3rd	49	1.00	1.00	2.00	2.00	100.0	mattress
Q2495-03	E Bedroom Ceilin	50	1.00	1.00	2.00	2.00	100.0	ceiling plug
Q2495-04	South East Ceilining	51	1.00	1.00	2.00	2.00	100.0	east selling plug
Q2495-05	Master Bathroom	52	1.00	1.00	2.00	2.00	100.0	selling plug
Q2495-06	3rd Fl Hallway N	53	1.00	1.00	2.00	2.00	100.0	hoalway selling
Q2495-07	SE Bedroom Park	54	1.00	1.00	2.00	2.00	100.0	bedrom plug
Q2495-08	Family Room SW	55	1.00	1.00	2.00	2.00	100.0	family plug
Q2495-09	Foyer SE Corner P	56	1.00	1.00	2.00	2.00	100.0	foyer plug
Q2495-10	Green Carpet Pad	57	1.00	1.00	2.00	2.00	100.0	green carpet pad
Q2495-11	Rug in Dining Roo	58	1.00	1.00	2.00	2.00	100.0	rug
Q2495-12	LR Couch Cushion	59	1.00	1.00	2.00	2.00	100.0	couch cushion
Q2495-13	Dining Room W	60	1.00	1.00	2.00	2.00	100.0	wood and foam
Q2495-14	Kitchen Dining E	61	1.00	1.00	2.00	2.00	100.0	kithean rug
Q2495-15	Garage Southwes	62	1.00	1.00	2.00	2.00	100.0	plug

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
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Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

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

QC:LB136354

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
Q2495-16	Zack"s Matterss	63	1.00	1.00	2.00	2.00	100.0	mattess
Q2495-17	Zack"s Couch	64	1.00	1.00	2.00	2.00	100.0	zacks couch
Q2496-02	N exterior center	65	1.00	1.00	2.00	2.00	100.0	stucco wall
Q2496-03	Basement south	66	1.00	1.00	2.00	2.00	100.0	wall cavity stucc
Q2496-04	Entertainment ro	67	1.00	1.00	2.00	2.00	100.0	hvac close
Q2496-05	Black mat outside	68	1.00	1.00	2.00	2.00	100.0	outside mat
Q2496-06	Basement bedroom	69	1.00	1.00	2.00	2.00	100.0	bedrom form
Q2496-07	Basement bedroom-1	70	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-08	Basement bedroom-2	71	1.00	1.00	2.00	2.00	100.0	window plug
Q2496-09	Maeve"s room ma	72	1.00	1.00	2.00	2.00	100.0	mattess
Q2496-10	Master bedroom	73	1.00	1.00	2.00	2.00	100.0	rug
Q2496-11	Master bedroom-1	74	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-12	Master bedroom-2	75	1.00	1.00	2.00	2.00	100.0	mattess form
Q2496-13	Master bedroom-3	76	1.00	1.00	2.00	2.00	100.0	office chair form
Q2496-14	SE bedroom brow	77	1.00	1.00	2.00	2.00	100.0	form
Q2496-15	SE bedroom gray	78	1.00	1.00	2.00	2.00	100.0	gray cushion
Q2496-16	Maeves room gre	79	1.00	1.00	2.00	2.00	100.0	chair form
Q2496-17	Master bedroom-4	80	1.00	1.00	2.00	2.00	100.0	plug
Q2496-18	3rd floor roof ent	81	1.00	1.00	2.00	2.00	100.0	plug
Q2496-19	Living room couc	82	1.00	1.00	2.00	2.00	100.0	couch form
Q2496-20	Living room 2 sea	83	1.00	1.00	2.00	2.00	100.0	form
Q2496-21	Office leather cha	84	1.00	1.00	2.00	2.00	100.0	form
Q2496-22	Pink shoe sole	85	1.00	1.00	2.00	2.00	100.0	shoe sole
Q2496-23	Living room rug S	86	1.00	1.00	2.00	2.00	100.0	rug
Q2496-24	Dining room NE c	87	1.00	1.00	2.00	2.00	100.0	plug
Q2497-01	SW bedroom (San	88	1.00	1.00	2.00	2.00	100.0	plug
Q2497-02	Salman s room SE	89	1.00	1.00	2.00	2.00	100.0	plug compossi
Q2497-03	Sanah s room bed	90	1.00	1.00	2.00	2.00	100.0	sanah form

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
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: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2497-04	Salman s room m	91	1.00	1.00	2.00	2.00	100.0	mattess form
Q2497-05	Master bed mattr	92	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-06	Kaihaan s room m	93	1.00	1.00	2.00	2.00	100.0	form
Q2497-07	Garage foam yog	94	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-08	Living room west	95	1.00	1.00	2.00	2.00	100.0	form
Q2497-09	Entrance rug	96	1.00	1.00	2.00	2.00	100.0	rug
Q2497-10	south exterior re	97	1.00	1.00	2.00	2.00	100.0	form
Q2497-11	Garage gym floor	98	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-12	Rug by the back d	99	1.00	1.00	2.00	2.00	100.0	rug
Q2497-13	Guest bed mattre	100	1.00	1.00	2.00	2.00	100.0	mattess
Q2497-14	Garage backyard	101	1.00	1.00	2.00	2.00	100.0	garage foam
Q2497-15	LR SW conner chai	102	1.00	1.00	2.00	2.00	100.0	form
Q2497-16	Living room NE co	103	1.00	1.00	2.00	2.00	100.0	catters
Q2497-17	Dining room SW c	104	1.00	1.00	2.00	2.00	100.0	chair form
Q2497-18	LR SW rug corner	105	1.00	1.00	2.00	2.00	100.0	rug
Q2497-19	LR west wall plug	106	1.00	1.00	2.00	2.00	100.0	plug
Q2497-20	LR NE corner plug	107	1.00	1.00	2.00	2.00	100.0	plug
Q2497-21	office east wall pl	108	1.00	1.00	2.00	2.00	100.0	plug
Q2497-22	Bedroom north w	109	1.00	1.00	2.00	2.00	100.0	plug
Q2497-23	Kitchen ceiling pl	110	1.00	1.00	2.00	2.00	100.0	celling plug
Q2498-01	NE Bd bed foam	111	1.00	1.00	2.00	2.00	100.0	bedrom form
Q2498-02	NE Bd pillow foa	112	1.00	1.00	2.00	2.00	100.0	form
Q2498-03	Master bed NE m	113	1.00	1.00	2.00	2.00	100.0	mattess
Q2500-01	X600-B2	29	1.15	10.84	11.99	11.24	93.1	
Q2500-02	X600-S2	30	1.19	10.36	11.55	10.6	90.8	
Q2500-03	X600-B1	31	1.13	10.42	11.55	11.02	94.9	
Q2500-04	X600-S1	32	1.13	10.32	11.45	10.6	91.8	
Q2500-05	X600-DUP1	33	1.14	10.85	11.99	11.3	93.6	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/3/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:35
In Date: 07/02/2025
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: 07/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136354

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
Q2500-06	X600-S3	34	1.11	10.71	11.82	11.18	94.0	

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

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2480-01	GPX1	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-02	GPX2	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	06/30/2025	Chemtech -SO
Q2480-03	GPX3	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-04	GPX4	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-05	GPX5	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-06	GPX6	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-07	GPX7	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2480-08	GPX8	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-01	TP-58	Solid	Percent Solids	Cool 4 deg C	GENV01	A43	07/01/2025	Chemtech -SO
Q2484-02	TP-57	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-03	TP-64	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-04	TP-107	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-05	TP-1008	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2484-06	TP-104	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-01	WASTE	Solid	Percent Solids	Cool 4 deg C	CAMP02	A12	07/01/2025	Chemtech -SO
Q2486-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO
Q2486-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	A61	07/01/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: 8690C

Raw Sample Relinquished by: 8690C

Date/Time 07/02/25

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2491-01	EO-1-070225	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2491-02	EO-1-070225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-01	VNJ-254-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2492-02	VNJ-254-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A61	07/02/2025	Chemtech -SO
Q2493-01	WC-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2493-02	WC-11-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2493-03	WC-11-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A43	07/02/2025	Chemtech -SO
Q2494-01	Playhouse/Storage	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-02	Playhouse/Storage	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-03	Garage Seat Foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-04	Black foam in Sou	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-05	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-06	Kids Room Lower	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-07	Kids Room styof	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-08	Dog Beg Foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-09	Cotton Layer - Ott	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-10	Foam Ottoman	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-11	Foyer North Wall	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-12	NE Stucco Exterio	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2494-13	Master Mattress	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/25/2025	Chemtech -SO
Q2495-01	Chair Foam Parke	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO

Date/Time 07/02/25 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:13
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2495-02	SE Bedroom (3rd	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-03	E Bedroom Ceilin	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-04	South East Ceiling	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-05	Master Bathroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-06	3rd Fl Hallway N	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-07	SE Bedroom Park	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-08	Family Room SW	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-09	Foyer SE Corner P	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-10	Green Carpet Pad	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-11	Rug in Dining Roo	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-12	LR Couch Cushion	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-13	Dining Room W	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-14	Kitchen Dining E	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-15	Garage Southwes	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-16	Zack's Matterss	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2495-17	Zack's Couch	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-02	N exterior center	Solid	Percent Solids	Cool 4 deg C	SUMM04	A53	06/11/2025	Chemtech -SO
Q2496-03	Basement south	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-04	Entertainment ro	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-05	Black mat outside	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-06	Basement bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2496-07	Basement bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-08	Basement bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-09	Maeve's room ma	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-10	Master bedroom	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-11	Master bedroom-1	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-12	Master bedroom-2	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-13	Master bedroom-3	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-14	SE bedroom brow	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-15	SE bedroom gray	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-16	Maeves room gre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-17	Master bedroom-4	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-18	3rd floor roof ent	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-19	Living room couc	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-20	Living room 2 sea	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-21	Office leather cha	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-22	Pink shoe sole	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-23	Living room rug S	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2496-24	Dining room NE c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-01	SW bedroom (San	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/14/2025	Chemtech -SO
Q2497-02	Salman s room SE	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-03	Sanah s room bed	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO

Date/Time 07/02/25 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:35
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

NR136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2497-04	Salman s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-05	Master bed matr	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-06	Kaihaan s room m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-07	Garage foam yog	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-08	Living room west	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-09	Entrance rug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-10	south exterior re	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-11	Garage gym floor	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-12	Rug by the back d	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-13	Guest bed matre	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/15/2025	Chemtech -SO
Q2497-14	Garage backyard	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-15	LR SW conner chai	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-16	Living room NE co	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-17	Dining room SW c	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-18	LR SW rug corner	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-19	LR west wall plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-20	LR NE corner plug	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-21	office east wall pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-22	Bedroom north w	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2497-23	Kitchen ceiling pl	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/13/2025	Chemtech -SO
Q2498-01	NE Bd bed foam	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO

Date/Time 07/02/25 15:00
 Raw Sample Received by: SR WWC
 Raw Sample Relinquished by: [Signature] SH

Date/Time 07/02/25 17:35
 Raw Sample Received by: [Signature] SH
 Raw Sample Relinquished by: SR WWC

WORKLIST(Hardcopy Internal Chain)

136354

WorkList Name : %1-070225

WorkList ID : 190499

Department : Wet-Chemistry

Date : 07-02-2025 08:07:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2498-02	NE Bd pillow foa	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2498-03	Master bed NE m	Solid	Percent Solids	Cool 4 deg C	SUMM04	A61	06/20/2025	Chemtech -SO
Q2500-01	X600-B2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-02	X600-S2	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-03	X600-B1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-04	X600-S1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-05	X600-DUP1	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO
Q2500-06	X600-S3	Solid	Percent Solids	Cool 4 deg C	ATCE02	A52	07/02/2025	Chemtech -SO

Date/Time 07/02/25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/02/25 17:35

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 **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 07/03/2025

Extraction Start Time : 08:05

Extraction End Date : 07/03/2025

Extraction End Time : 11:05

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

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723,

KD Bath ID: N/A **Envap ID:** NEVAP-02

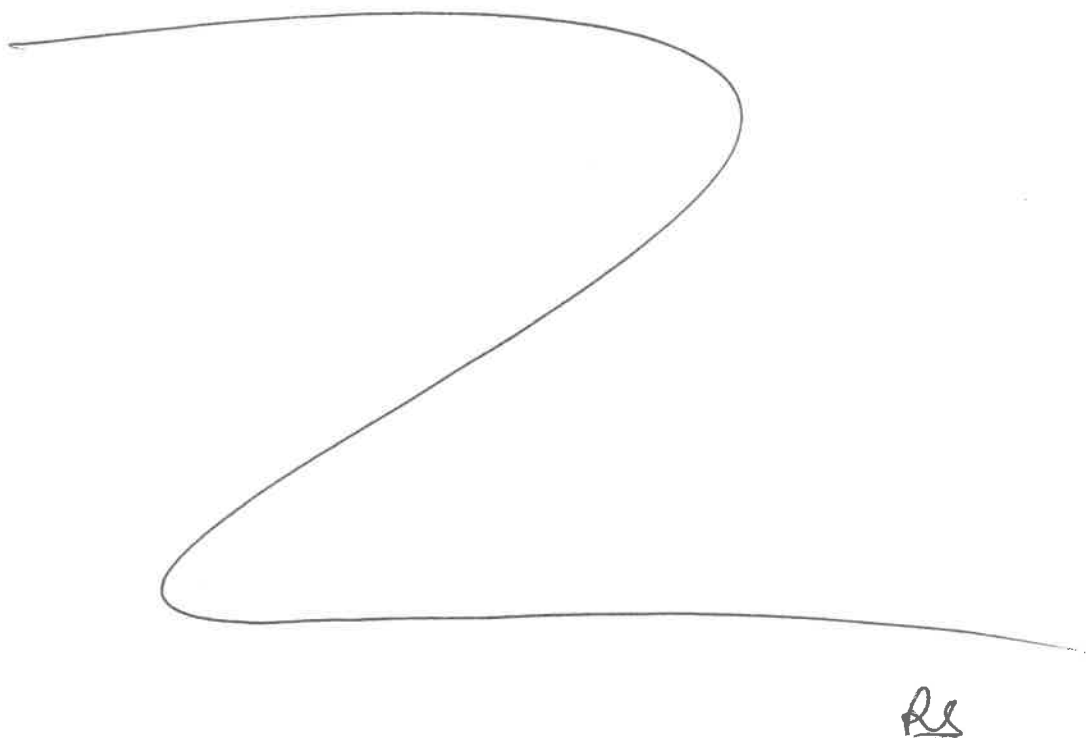
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/2/25	RS (Ext Lab)	RS - Test/PCB Lab
11:10	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/03/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168707BL	ABLK707	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168707BS	ALCS707	PCB Group1	30.02	N/A	ritesh	Evelyn	10			2
Q2500-01	X600-B2	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q2500-01MS	X600-B2MS	PCB Group1	30.09	N/A	ritesh	Evelyn	10			4
Q2500-01MS D	X600-B2MSD	PCB Group1	30.07	N/A	ritesh	Evelyn	10			5
Q2500-02	X600-S2	PCB Group1	30.03	N/A	ritesh	Evelyn	10			6
Q2500-03	X600-B1	PCB Group1	30.05	N/A	ritesh	Evelyn	10			U2-1
Q2500-04	X600-S1	PCB Group1	30.08	N/A	ritesh	Evelyn	10			2
Q2500-05	X600-DUP1	PCB Group1	30.04	N/A	ritesh	Evelyn	10			3
Q2500-06	X600-S3	PCB Group1	30.07	N/A	ritesh	Evelyn	10			4



18705-
404891

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2500

WorkList ID : 190525

Department : Extraction

Date : 07-03-2025 08:00:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2500-01	X600-B2	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A
Q2500-02	X600-S2	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A
Q2500-03	X600-B1	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A
Q2500-04	X600-S1	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A
Q2500-05	X600-DUP1	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A
Q2500-06	X600-S3	Solid	PCB Group1	Cool 4 deg C	ATCE02	A52	07/02/2025	8082A

Date/Time 07/03/25 8:00
Raw Sample Received by: R3 CEA-1066)
Raw Sample Relinquished by: JDCSM

Date/Time 07/03/25 8:15
Raw Sample Received by: JDCSM
Raw Sample Relinquished by: R3 CEA-1066)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Atlas
ADDRESS: 104 E 25th St
CITY: NY STATE: NY ZIP: 10010
ATTENTION: denise.coxn@atlascos.com
PHONE: 718 490064 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SCA-X600
PROJECT NO.: 2022-1426 LOCATION: BRONX, NY
PROJECT MANAGER: D. Coxn
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 24 HR RUSH DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

TOTAL PCB
1 2 3 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	X600-B2	S		X	7/2/25	13:40	1	X										
2.	X600-S2	S		X		13:32	1	X										
3.	X600-B1	S		X		13:32	1	X										
4.	X600-S1	S		X		13:30	1	X										
5.	X600-DUP1	S		X		8:00	1	X										
6.	X600-S3	S		X		13:35	1	X										
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>Kris Dolinsky</u>	DATE/TIME: <u>7/2/25 2p</u>	RECEIVED BY: <u>[Signature]</u> 1400 7-2-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>32.5</u> °C Comments:
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>7-2-25</u>	RECEIVED BY: 3.	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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