

Cover Page

Order ID : Q2600

Project ID : Kingsland Point Park Water Main

Client : T&A Construction Inc

Lab Sample Number

Q2600-01
Q2600-02
Q2600-03
Q2600-04
Q2600-05
Q2600-06
Q2600-07
Q2600-08
Q2600-09
Q2600-10
Q2600-11
Q2600-12

Client Sample Number

TRENCH
TRENCH
TRENCH
TRENCH
STOCK-PILE
STOCK-PILE
STOCK-PILE
STOCK-PILE
END-OF-TRENCH
END-OF-TRENCH
END-OF-TRENCH
END-OF-TRENCH

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: 7/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 #: Q2600

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: KETAN PATEL

Date: 07/21/2025

LAB CHRONICLE

OrderID:	Q2600	OrderDate:	7/14/2025 2:21:01 PM
Client:	T&A Construction Inc	Project:	Kingsland Point Park Water Main
Contact:	Garrett Johnson	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2600-01	TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	
Q2600-05	STOCK-PILE	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	
Q2600-09	END-OF-TRENCH	SOIL			07/14/25			07/14/25
			Gasoline Range Organics	8015D			07/15/25	
			PCB	8082A		07/15/25	07/15/25	

Hit Summary Sheet
SW-846

SDG No.: Q2600

Order ID: Q2600

Client: T&A Construction Inc

Project ID: Kingsland Point Park Water Main

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TRENCH								
Q2600-01	TRENCH	SOIL	Aroclor-1254	35.0		4.20	22.5	ug/kg
Q2600-01	TRENCH	SOIL	Aroclor-1260	49.8		4.30	22.5	ug/kg
Total Concentration:				84.800				
Client ID : STOCK-PILE								
Q2600-05	STOCK-PILE	SOIL	Aroclor-1254	11.1 J		3.90	20.7	ug/kg
Q2600-05	STOCK-PILE	SOIL	Aroclor-1260	20.4 J		3.90	20.7	ug/kg
Total Concentration:				31.500				
Client ID : END-OF-TRENCH								
Q2600-09	END-OF-TRENCH	SOIL	Aroclor-1254	168		3.80	19.9	ug/kg
Total Concentration:				168.000				



QC SUMMARY

Surrogate Summary

SDG No.: Q2600

Client: T&A Construction Inc

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP073553.D	PIBLK-PP073553.D	Tetrachloro-m-xyl	1	20	16.2	81		60	140
		Decachlorobiphen	1	20	17.3	87		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.1	85		60	140
I.BLK-PP073808.D	PIBLK-PP073808.D	Tetrachloro-m-xyl	1	20	19.6	98		60	140
		Decachlorobiphen	1	20	19.7	99		60	140
		Tetrachloro-m-xyl	2	20	18.3	91		60	140
		Decachlorobiphen	2	20	20.7	104		60	140
PB168852BL	PB168852BL	Tetrachloro-m-xyl	1	20	19.6	98		32	144
		Decachlorobiphen	1	20	19.9	100		32	175
		Tetrachloro-m-xyl	2	20	18.5	92		32	144
		Decachlorobiphen	2	20	21.3	106		32	175
PB168852BS	PB168852BS	Tetrachloro-m-xyl	1	20	20.4	102		32	144
		Decachlorobiphen	1	20	20.5	103		32	175
		Tetrachloro-m-xyl	2	20	18.1	91		32	144
		Decachlorobiphen	2	20	21.9	110		32	175
Q2600-01	TRENCH	Tetrachloro-m-xyl	1	20	16.1	81		32	144
		Decachlorobiphen	1	20	19.2	96		32	175
		Tetrachloro-m-xyl	2	20	15.9	80		32	144
		Decachlorobiphen	2	20	19.8	99		32	175
Q2600-05	STOCK-PILE	Tetrachloro-m-xyl	1	20	14.3	71		32	144
		Decachlorobiphen	1	20	12.9	65		32	175
		Tetrachloro-m-xyl	2	20	14.4	72		32	144
		Decachlorobiphen	2	20	14.1	71		32	175
Q2600-09	END-OF-TRENCH	Tetrachloro-m-xyl	1	20	15.7	79		32	144
		Decachlorobiphen	1	20	31.6	158		32	175
		Tetrachloro-m-xyl	2	20	16.6	83		32	144
		Decachlorobiphen	2	20	33.5	167		32	175
I.BLK-PP073823.D	PIBLK-PP073823.D	Tetrachloro-m-xyl	1	20	18.1	91		60	140
		Decachlorobiphen	1	20	17.7	89		60	140
		Tetrachloro-m-xyl	2	20	18.1	90		60	140
		Decachlorobiphen	2	20	20.4	102		60	140
Q2598-01MS	OK-01-071425MS	Tetrachloro-m-xyl	1	20	16.5	83		32	144
		Decachlorobiphen	1	20	19.0	95		32	175
		Tetrachloro-m-xyl	2	20	18.9	94		32	144
		Decachlorobiphen	2	20	20.1	100		32	175
Q2598-01MSD	OK-01-071425MSD	Tetrachloro-m-xyl	1	20	17.9	90		32	144
		Decachlorobiphen	1	20	20.0	100		32	175
		Tetrachloro-m-xyl	2	20	21.2	106		32	144
		Decachlorobiphen	2	20	21.9	110		32	175
I.BLK-PP073838.D	PIBLK-PP073838.D	Tetrachloro-m-xyl	1	20	17.8	89		60	140

Surrogate Summary

SDG No.: Q2600

Client: T&A Construction Inc

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP073838.D	PIBLK-PP073838.D	Decachlorobiphen	1	20	18.1	90		60	140
		Tetrachloro-m-xyl	2	20	18.3	91		60	140
		Decachlorobiphen	2	20	21.6	108		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2600</u>	Analytical Method:	<u>8082A</u>
Client:	<u>T&A Construction Inc</u>	DataFile :	<u>PP073825.D</u>

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2598-01MS (Column 1)											
	AR1016	171.8	0	154	ug/kg	90				55	146	
	AR1260	171.8	0	143	ug/kg	83				54	119	
Lab Sample ID:	Q2598-01MS (Column 2)											
	AR1016	171.8	0	147	ug/kg	86				55	146	
	AR1260	171.8	0	136	ug/kg	79				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2600</u>	Analytical Method:	<u>8082A</u>
Client:	<u>T&A Construction Inc</u>	DataFile :	<u>PP073826.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2598-01MSD	Client Sample ID:		OK-01-071425MSD							
(Column 1)											
AR1016	172.1	0	162	ug/kg	94		4		55	146	15
AR1260	172.1	0	150	ug/kg	87		5		54	119	15
Lab Sample ID:	Q2598-01MSD	Client Sample ID:		OK-01-071425MSD							
(Column 2)											
AR1016	172.1	0	159	ug/kg	92		7		55	146	15
AR1260	172.1	0	146	ug/kg	85		7		54	119	15



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2600</u>	Analytical Method:	<u>8082A</u>
Client:	<u>T&A Construction Inc</u>	Datafile :	<u>PP073810.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB168852BS (Column 1)	AR1016	166.6	162	ug/kg	97				71	120		
	AR1260	166.6	151	ug/kg	91				65	130		
PB168852BS (Column 2)	AR1016	166.6	157	ug/kg	94				71	120		
	AR1260	166.6	158	ug/kg	95				65	130		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168852BL

Lab Name: Alliance

Contract: TAC001

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: PB168852BL

Lab File ID: PP073809.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/15/2025

Date Analyzed (1): 07/15/2025

Date Analyzed (2): 07/15/2025

Time Analyzed (1): 17:30

Time Analyzed (2): 17:30

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
PB168852BS	PB168852BS	PP073810.D	07/15/2025	07/15/2025
TRENCH	Q2600-01	PP073816.D	07/15/2025	07/15/2025
STOCK-PILE	Q2600-05	PP073817.D	07/15/2025	07/15/2025
END-OF-TRENCH	Q2600-09	PP073818.D	07/15/2025	07/15/2025
OK-01-071425MS	Q2598-01MS	PP073825.D	07/15/2025	07/15/2025
OK-01-071425MSD	Q2598-01MSD	PP073826.D	07/15/2025	07/15/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	75.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073816.D	1	07/15/25 08:40	07/15/25 19:24	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	22.5	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	22.5	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	22.5	ug/kg
53469-21-9	Aroclor-1242	5.30	U	5.30	22.5	ug/kg
12672-29-6	Aroclor-1248	7.80	U	7.80	22.5	ug/kg
11097-69-1	Aroclor-1254	35.0		4.20	22.5	ug/kg
37324-23-5	Aroclor-1262	6.60	U	6.60	22.5	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	22.5	ug/kg
11096-82-5	Aroclor-1260	49.8		4.30	22.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.1		32 - 144	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
 Data File : PP073816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 19:24
 Operator : YP\AJ
 Sample : Q2600-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TRENCH

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:51:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.486	3.778	22076817	29349089	16.120m	15.931
2)	SA Decachlor...	10.172	8.776	20929646	26151415	19.183	19.765
Target Compounds							
26)	L6 AR-1254-1	6.485	5.654	4759132	12850495	88.807	110.751
27)	L6 AR-1254-2	6.702	5.803	6857867	6986127	82.338	69.428
28)	L6 AR-1254-3	7.064	6.205	7225967	12903383	81.805	83.546
29)	L6 AR-1254-4	7.346	6.432	3653523	4038357	46.443	42.707
30)	L6 AR-1254-5	7.761	6.846	7188128	9498848	97.559	71.182 #
31)	L7 AR-1260-1	7.220	6.335	10861854	8351870	184.220	85.607 #
32)	L7 AR-1260-2	7.474	6.530	16795964	21438424	175.250	174.527m
33)	L7 AR-1260-3	7.838	6.674	3908448	7106791	53.489	64.924
34)	L7 AR-1260-4	8.060	7.143	5680387	4390566	86.989	49.107 #
35)	L7 AR-1260-5	8.379	7.386	9773126	12520489	64.786	55.712

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073816.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:24
Operator : YP\AJ
Sample : Q2600-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TRENCH

Manual Integrations

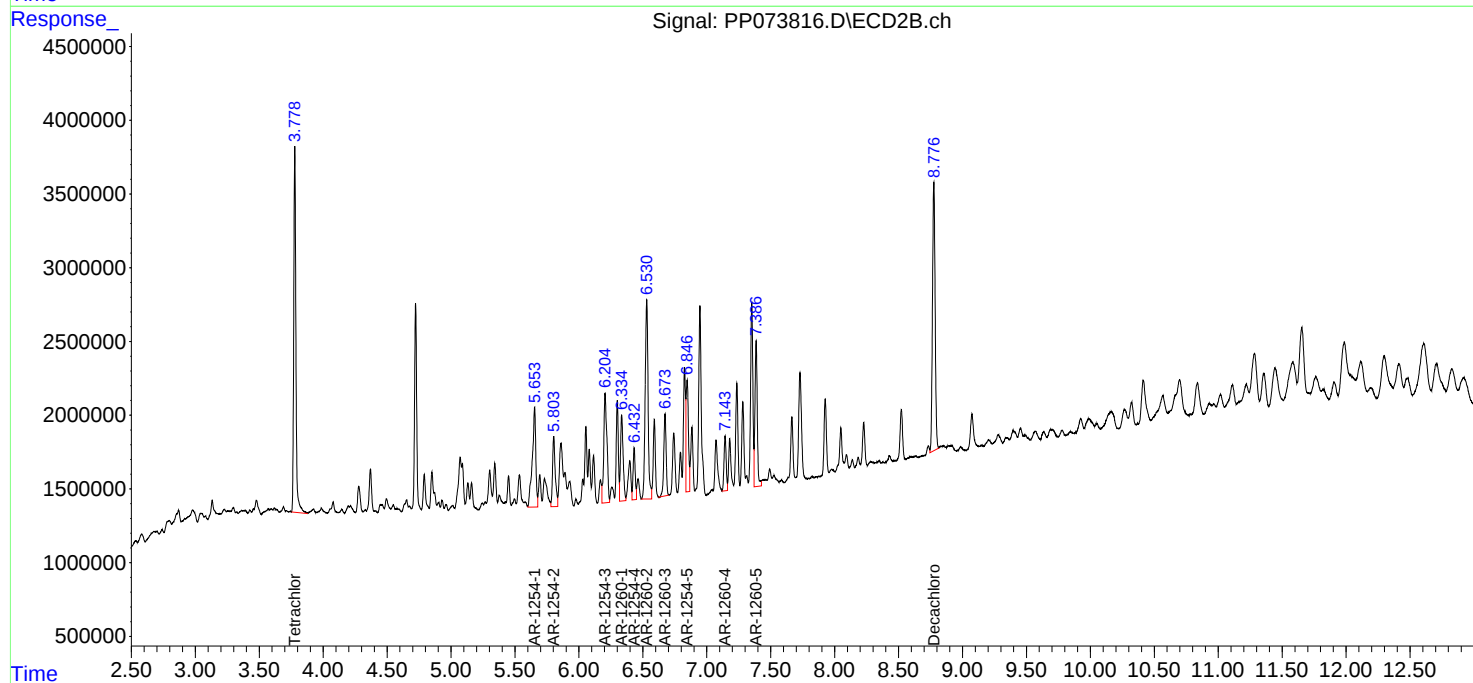
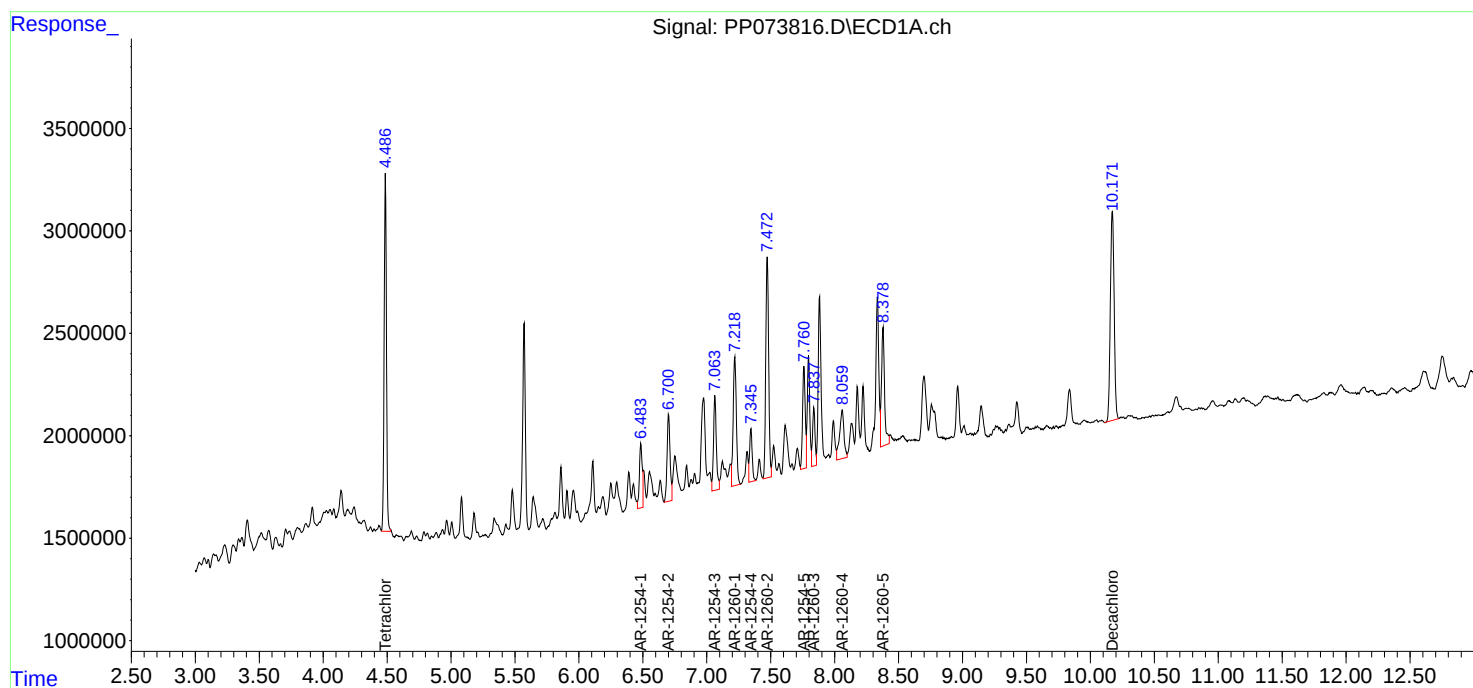
APPROVED

Reviewed By :Yogesh Patel 07/16/2025

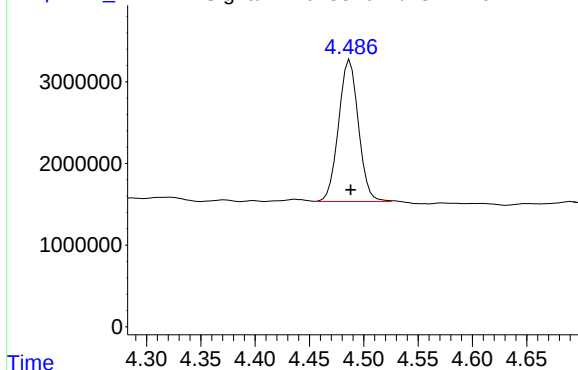
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP073816.D\ECD1A.ch



#1 Tetrachloro-m-xylene

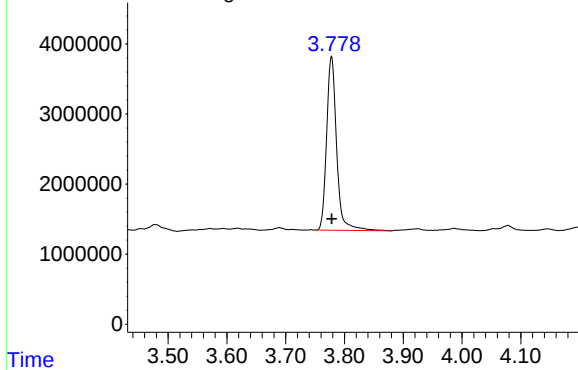
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 22076817
Conc: 16.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

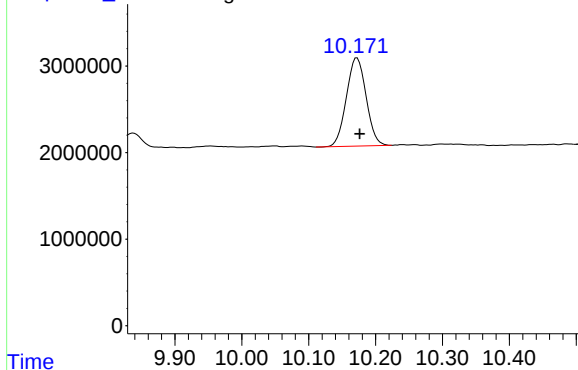
Response_ Signal: PP073816.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 29349089
Conc: 15.93 ng/ml

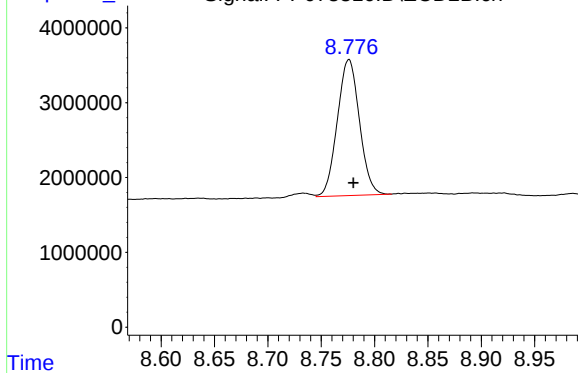
Response_ Signal: PP073816.D\ECD1A.ch



#2 Decachlorobiphenyl

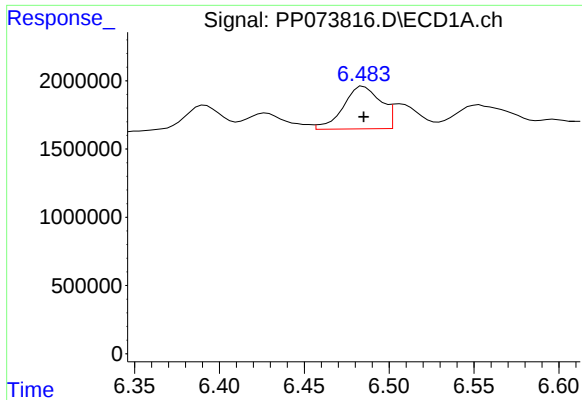
R.T.: 10.172 min
Delta R.T.: -0.004 min
Response: 20929646
Conc: 19.18 ng/ml

Response_ Signal: PP073816.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 26151415
Conc: 19.76 ng/ml



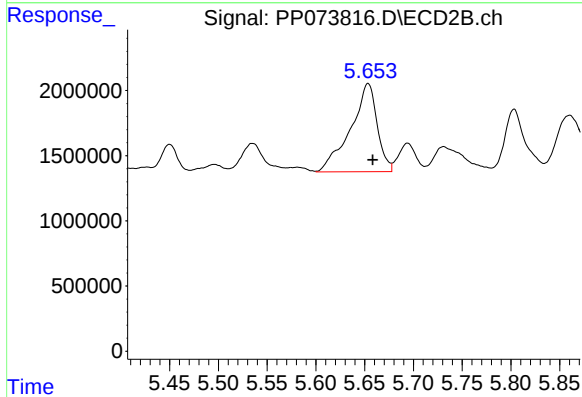
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 4759132
Conc: 88.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

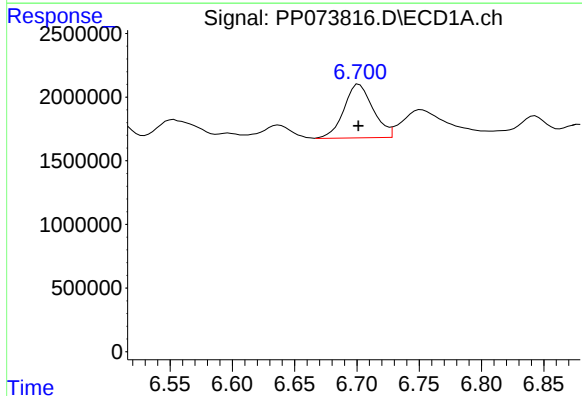
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



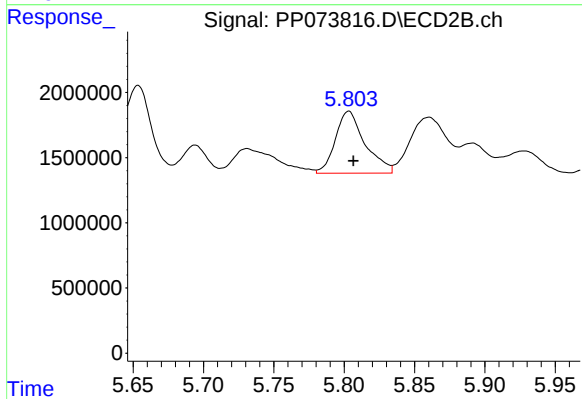
#26 AR-1254-1

R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 12850495
Conc: 110.75 ng/ml



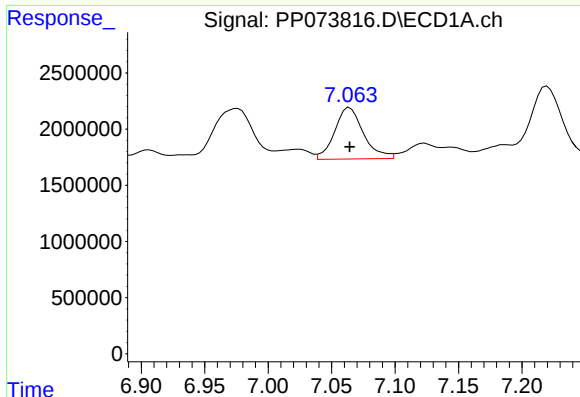
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 6857867
Conc: 82.34 ng/ml



#27 AR-1254-2

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 6986127
Conc: 69.43 ng/ml



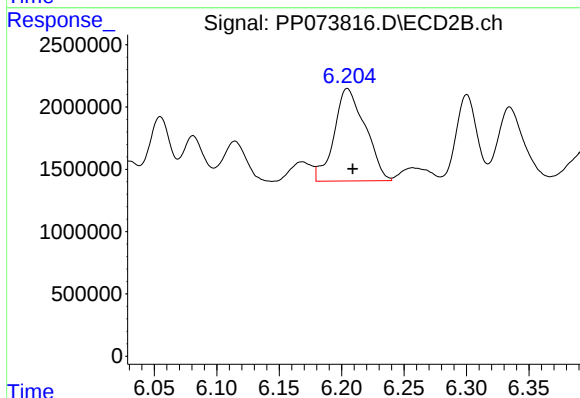
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 7225967
Conc: 81.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

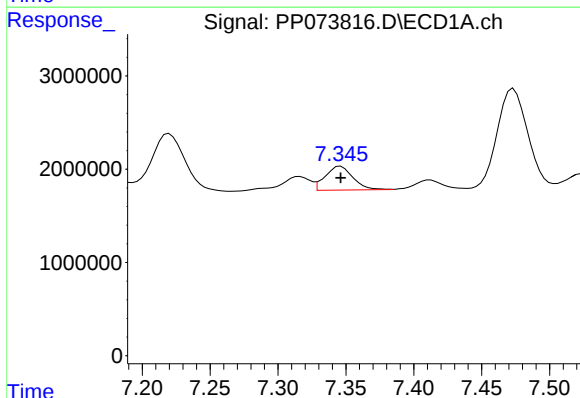
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



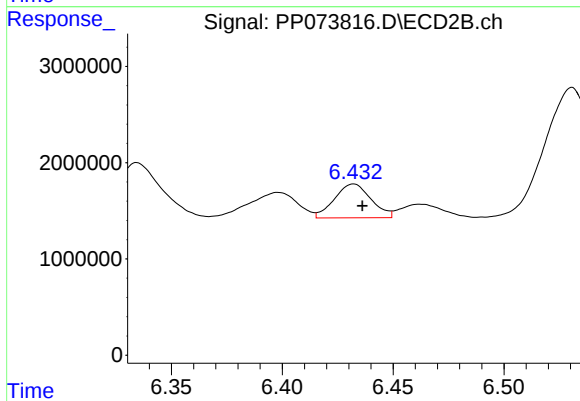
#28 AR-1254-3

R.T.: 6.205 min
Delta R.T.: -0.004 min
Response: 12903383
Conc: 83.55 ng/ml



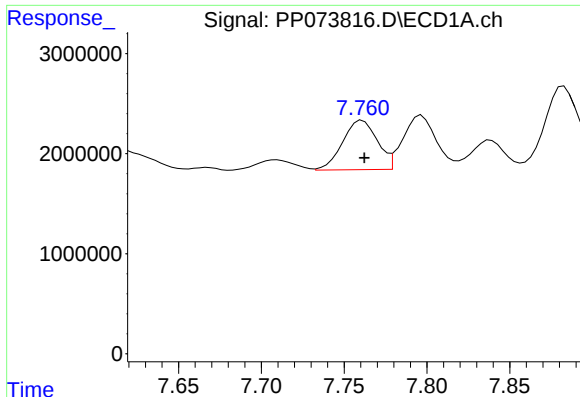
#29 AR-1254-4

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 3653523
Conc: 46.44 ng/ml



#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 4038357
Conc: 42.71 ng/ml



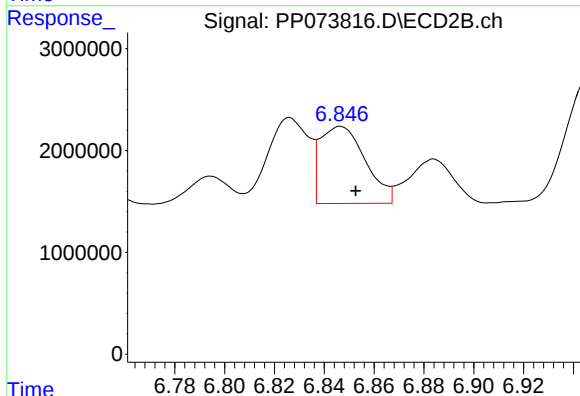
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.001 min
Response: 7188128
Conc: 97.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

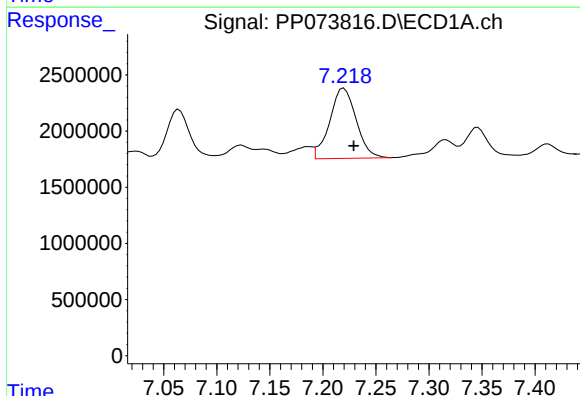
Manual Integrations
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Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



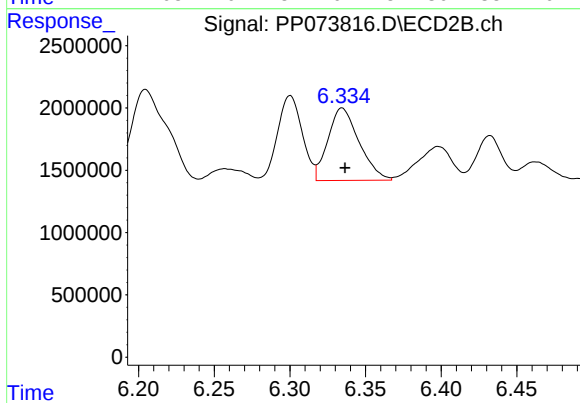
#30 AR-1254-5

R.T.: 6.846 min
Delta R.T.: -0.006 min
Response: 9498848
Conc: 71.18 ng/ml



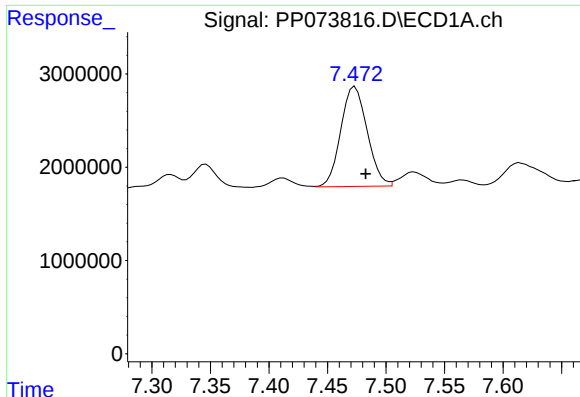
#31 AR-1260-1

R.T.: 7.220 min
Delta R.T.: -0.009 min
Response: 10861854
Conc: 184.22 ng/ml



#31 AR-1260-1

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 8351870
Conc: 85.61 ng/ml



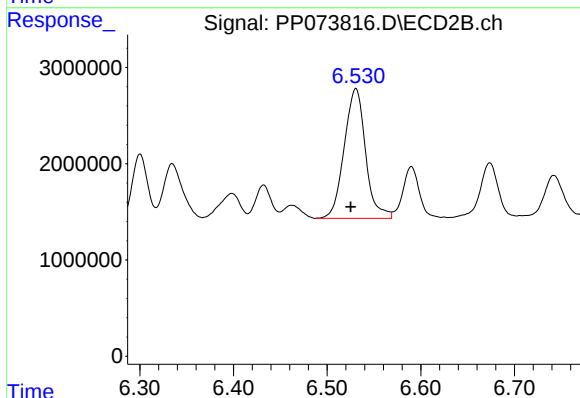
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.009 min
Response: 16795964
Conc: 175.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

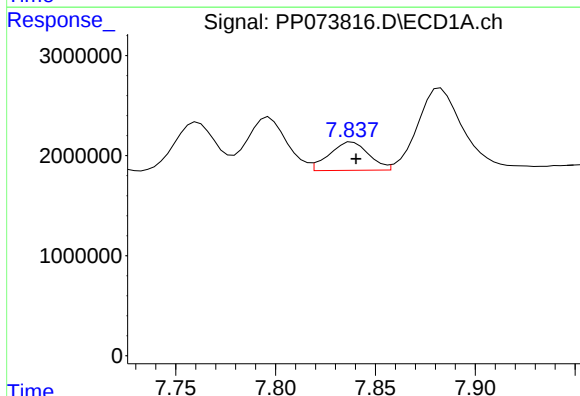
Manual Integrations
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Supervised By :mohammad ahmed 07/19/2025



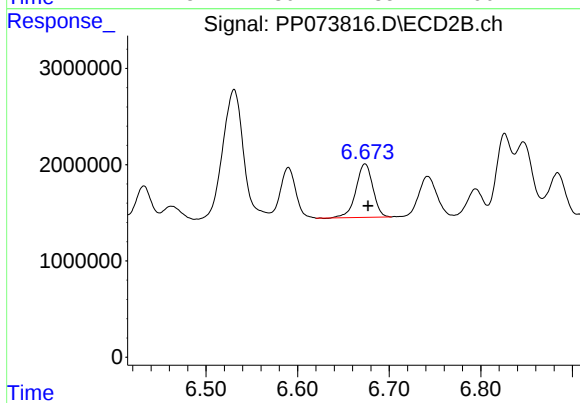
#32 AR-1260-2

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 21438424
Conc: 174.53 ng/ml m



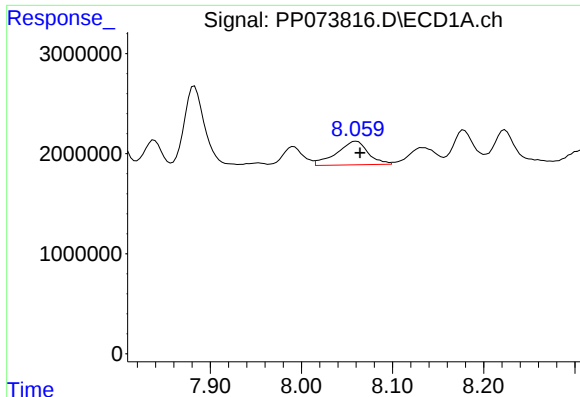
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.002 min
Response: 3908448
Conc: 53.49 ng/ml



#33 AR-1260-3

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 7106791
Conc: 64.92 ng/ml



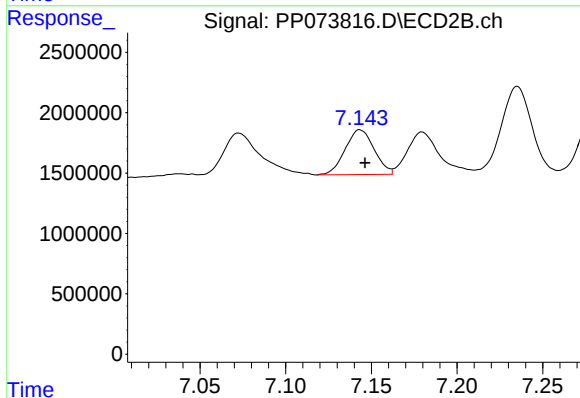
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 5680387
Conc: 86.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
TRENCH

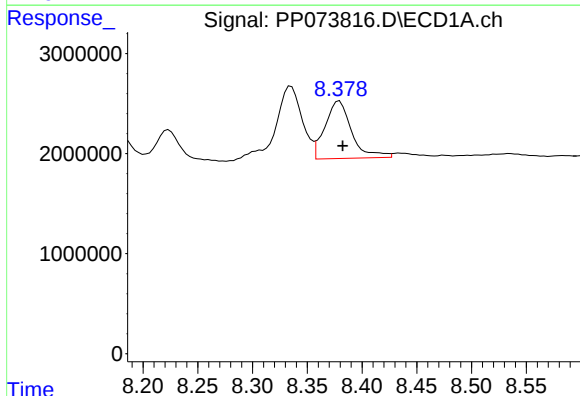
Manual Integrations
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Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



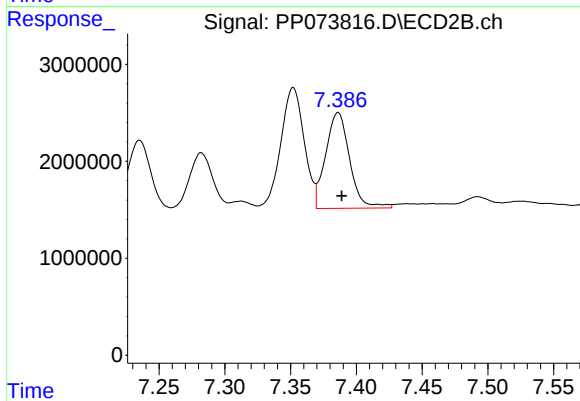
#34 AR-1260-4

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 4390566
Conc: 49.11 ng/ml



#35 AR-1260-5

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 9773126
Conc: 64.79 ng/ml



#35 AR-1260-5

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 12520489
Conc: 55.71 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	STOCK-PILE	SDG No.:	Q2600
Lab Sample ID:	Q2600-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073817.D	1	07/15/25 08:40	07/15/25 19:41	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	11.1	J	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	20.4	J	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	14.4		32 - 144	72%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.1		32 - 175	71%	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\PP071525\
 Data File : PP073817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 19:41
 Operator : YP\AJ
 Sample : Q2600-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 STOCK-PILE

Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:52:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.486	3.778	19513059	26552602	14.248m	14.413
2)	SA Decachlor...	10.172	8.776	14124888	18710681	12.946	14.141
Target Compounds							
26)	L6 AR-1254-1	6.483	5.654	1218940	1985394	22.746	17.111m
27)	L6 AR-1254-2	6.702	5.803	2497445	3241114	29.985m	32.210
28)	L6 AR-1254-3	7.063	6.205	2760166	3226925	31.248m	20.893 #
29)	L6 AR-1254-4	7.349	6.434	1543933	619850	19.626m	6.555 #
30)	L6 AR-1254-5	7.760	6.847	2453515	2641458	33.300	19.794 #
31)	L7 AR-1260-1	7.218	6.335	4904665	2593367	83.185	26.582 #
32)	L7 AR-1260-2	7.474	6.530	6586299	8684104	68.722	70.696
33)	L7 AR-1260-3	7.839	6.673	1879338	3503680	25.719	32.008
34)	L7 AR-1260-4	8.058	7.144	2330605	5762013	35.691	64.446 #
35)	L7 AR-1260-5	8.379	7.386	5696121	5520067	37.759	24.562 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073817.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:41
Operator : YP\AJ
Sample : Q2600-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

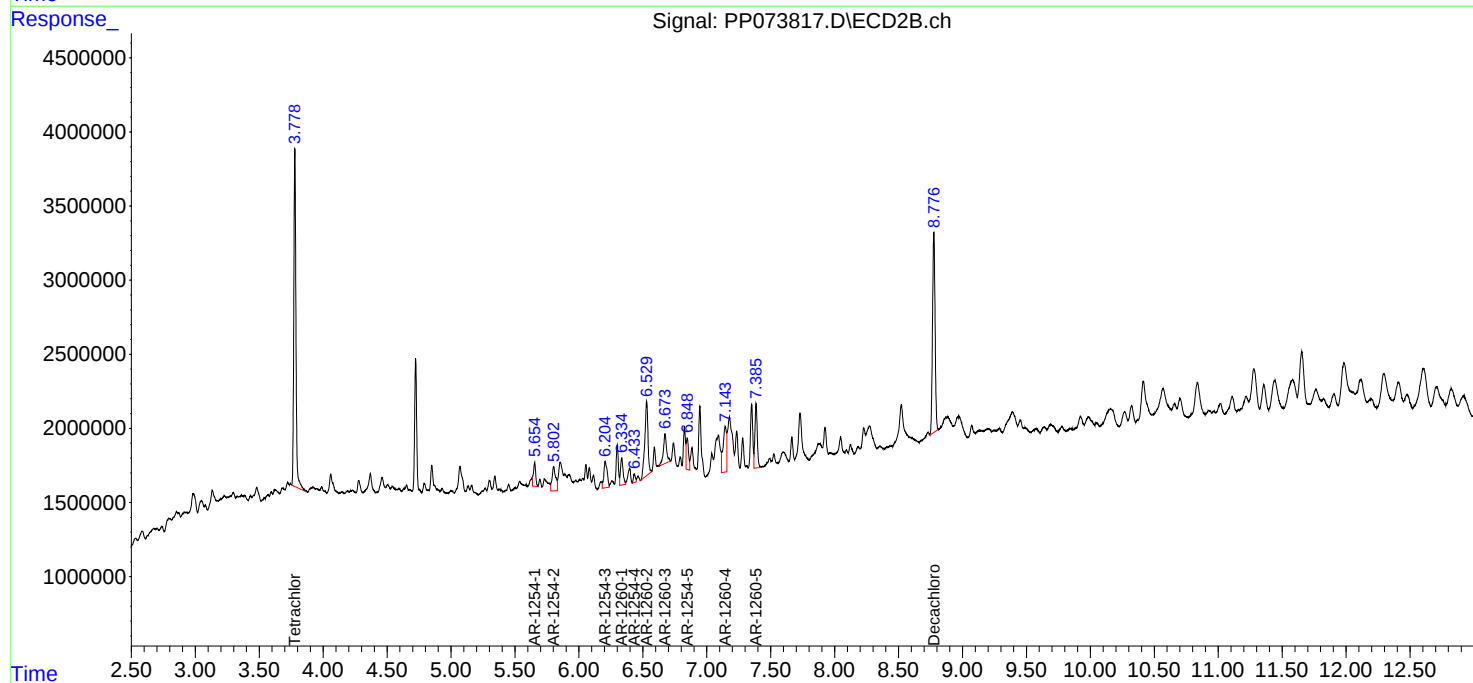
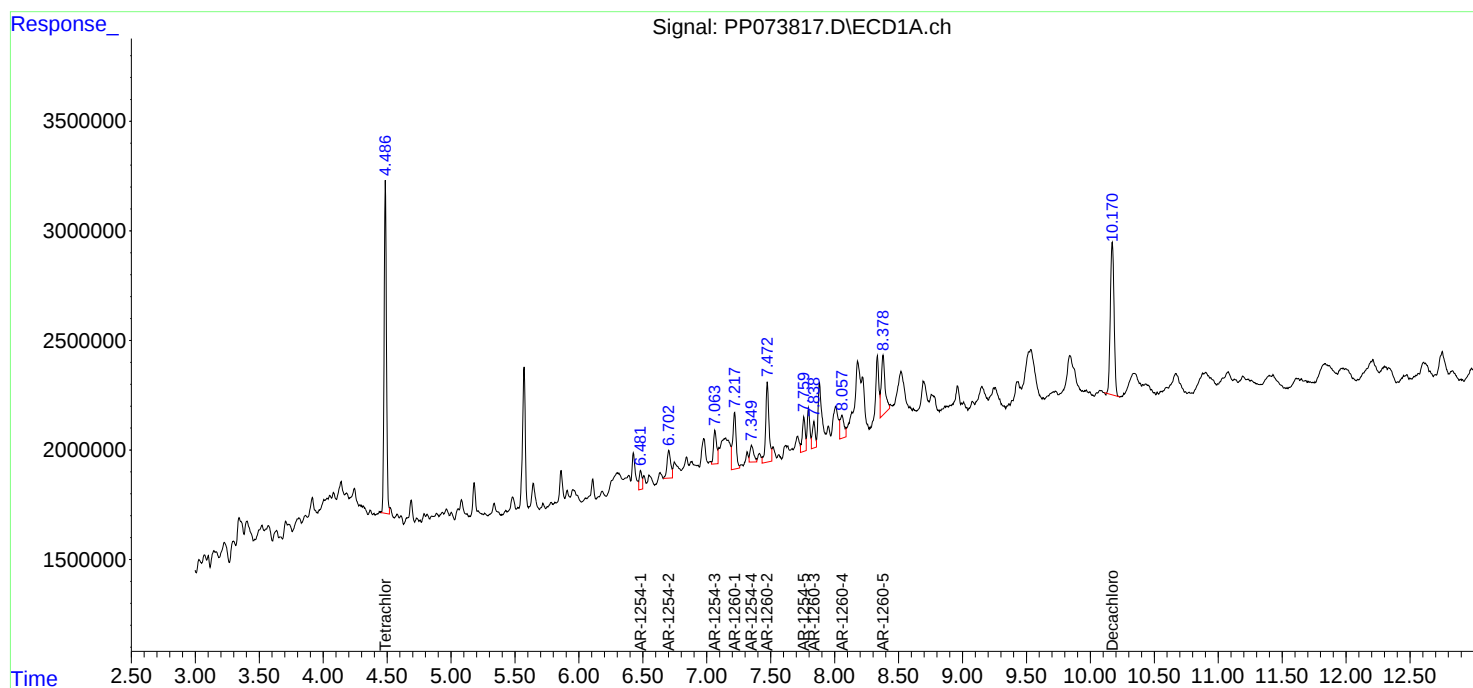
Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

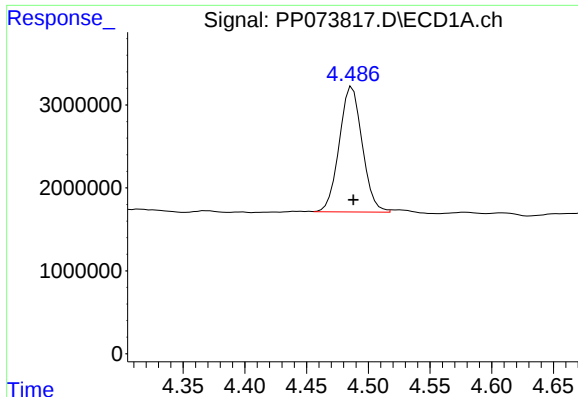
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:52:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





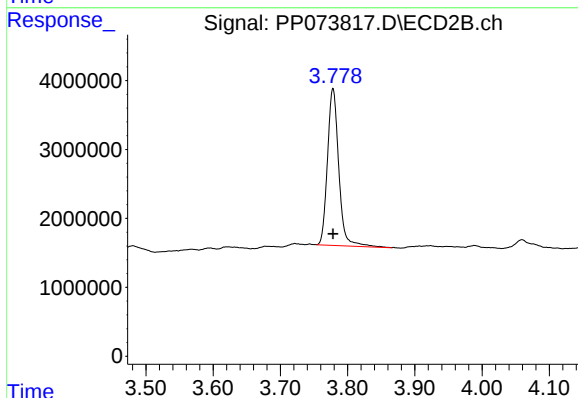
#1 Tetrachloro-m-xylene

R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 19513059
Conc: 14.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

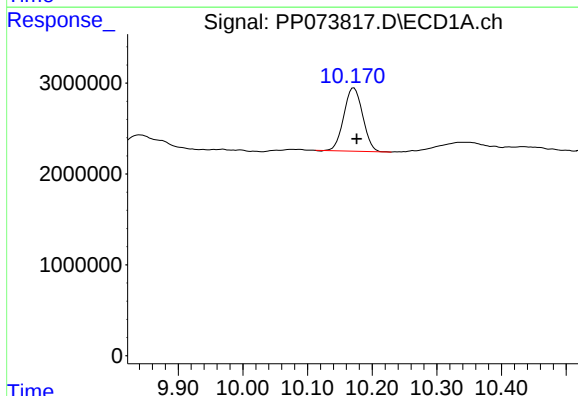
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/19/2025



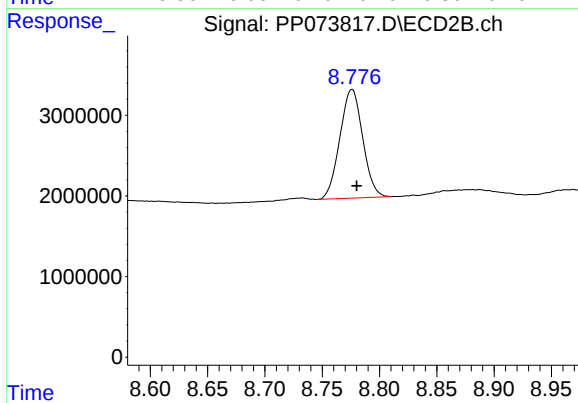
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 26552602
Conc: 14.41 ng/ml



#2 Decachlorobiphenyl

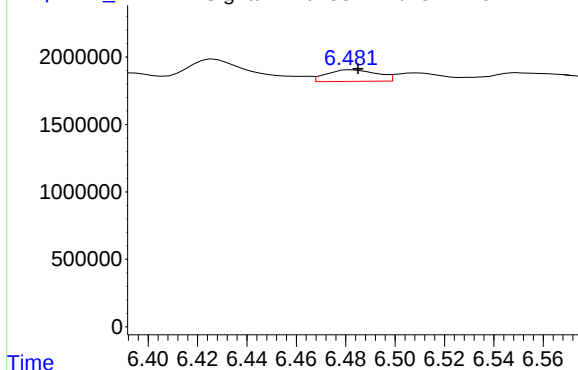
R.T.: 10.172 min
Delta R.T.: -0.004 min
Response: 14124888
Conc: 12.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 18710681
Conc: 14.14 ng/ml

Response_ Signal: PP073817.D\ECD1A.ch



#26 AR-1254-1

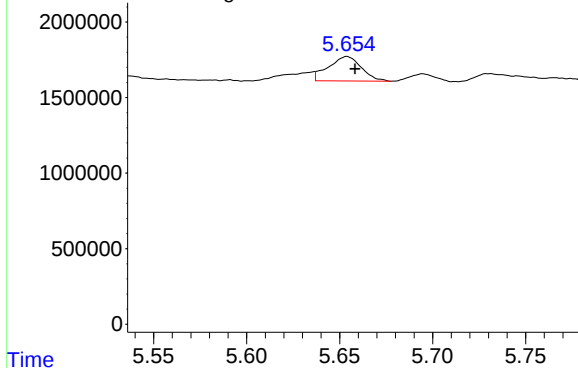
R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 1218940
Conc: 22.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

Manual Integrations
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Supervised By :mohammad ahmed 07/19/2025

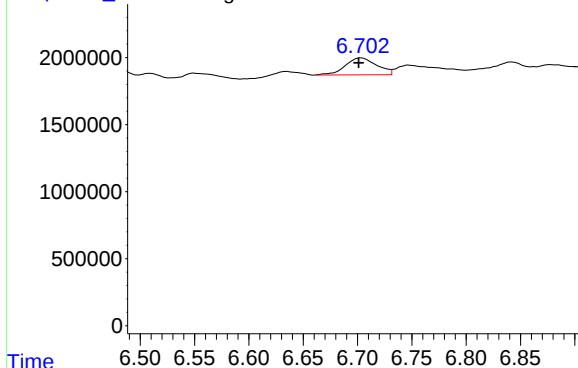
Response_ Signal: PP073817.D\ECD2B.ch



#26 AR-1254-1

R.T.: 5.654 min
Delta R.T.: -0.005 min
Response: 1985394
Conc: 17.11 ng/ml m

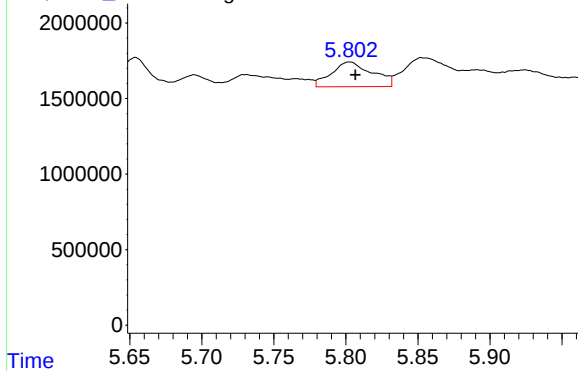
Response_ Signal: PP073817.D\ECD1A.ch



#27 AR-1254-2

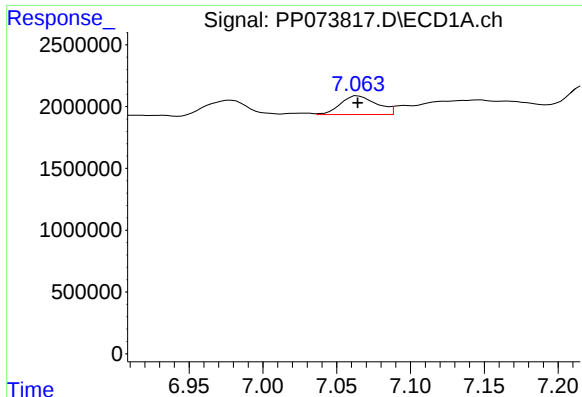
R.T.: 6.702 min
Delta R.T.: 0.001 min
Response: 2497445
Conc: 29.99 ng/ml m

Response_ Signal: PP073817.D\ECD2B.ch



#27 AR-1254-2

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 3241114
Conc: 32.21 ng/ml



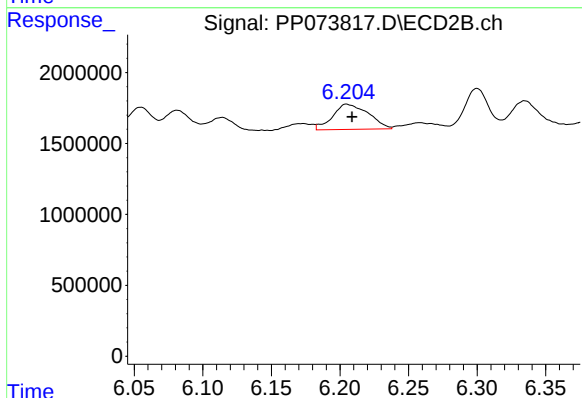
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 2760166
Conc: 31.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

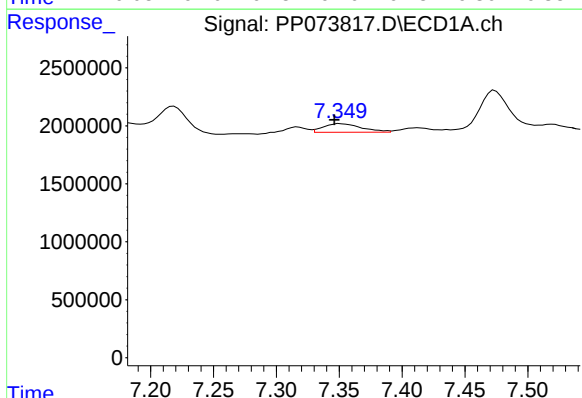
Manual Integrations
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Supervised By :mohammad ahmed 07/19/2025



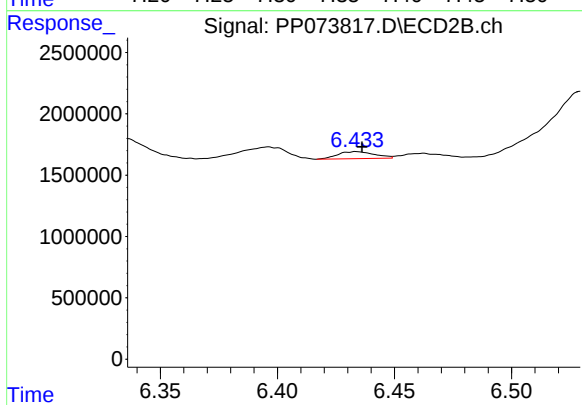
#28 AR-1254-3

R.T.: 6.205 min
Delta R.T.: -0.004 min
Response: 3226925
Conc: 20.89 ng/ml



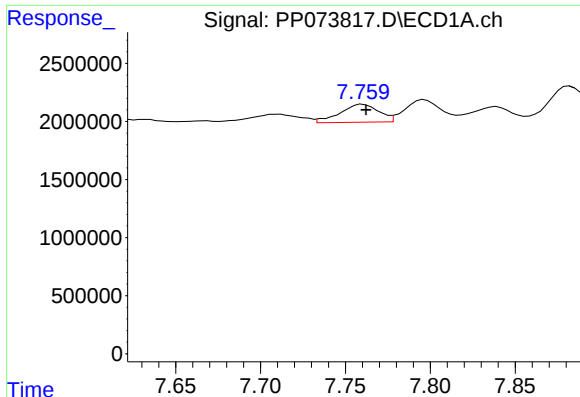
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: 0.003 min
Response: 1543933
Conc: 19.63 ng/ml m



#29 AR-1254-4

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 619850
Conc: 6.56 ng/ml



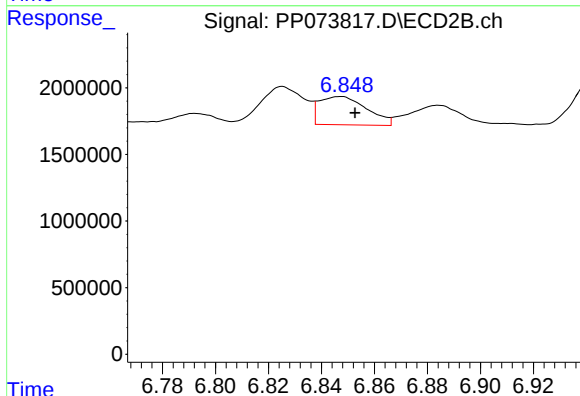
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 2453515
Conc: 33.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

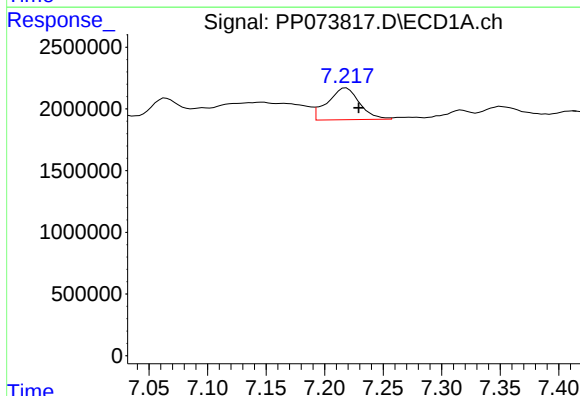
Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



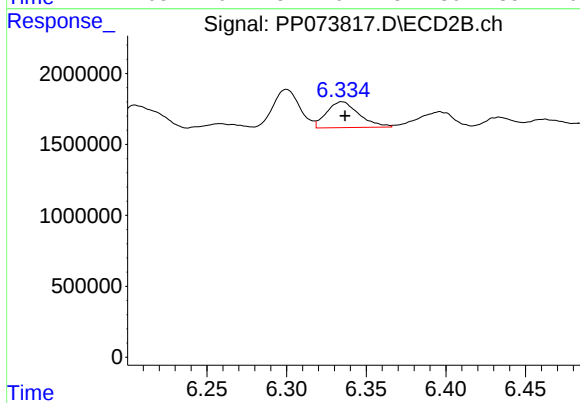
#30 AR-1254-5

R.T.: 6.847 min
Delta R.T.: -0.005 min
Response: 2641458
Conc: 19.79 ng/ml



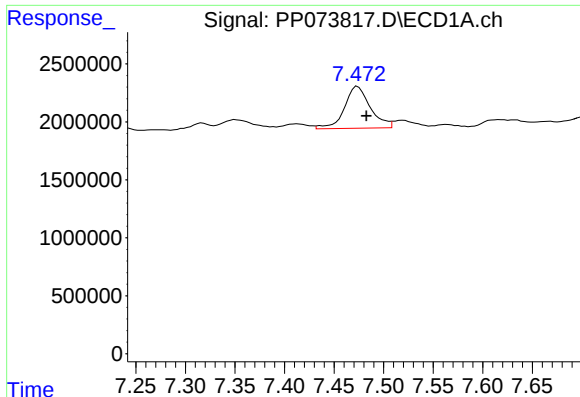
#31 AR-1260-1

R.T.: 7.218 min
Delta R.T.: -0.011 min
Response: 4904665
Conc: 83.18 ng/ml



#31 AR-1260-1

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 2593367
Conc: 26.58 ng/ml



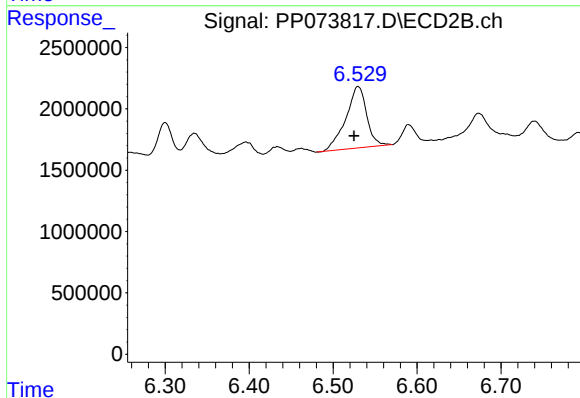
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.009 min
Response: 6586299
Conc: 68.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

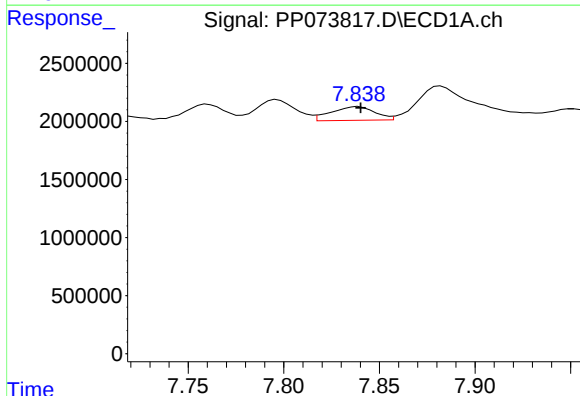
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



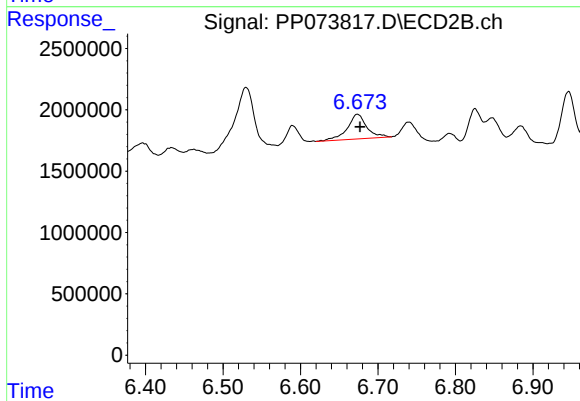
#32 AR-1260-2

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 8684104
Conc: 70.70 ng/ml



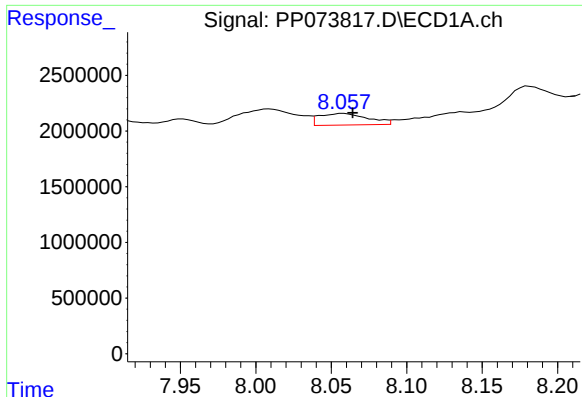
#33 AR-1260-3

R.T.: 7.839 min
Delta R.T.: -0.001 min
Response: 1879338
Conc: 25.72 ng/ml



#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 3503680
Conc: 32.01 ng/ml



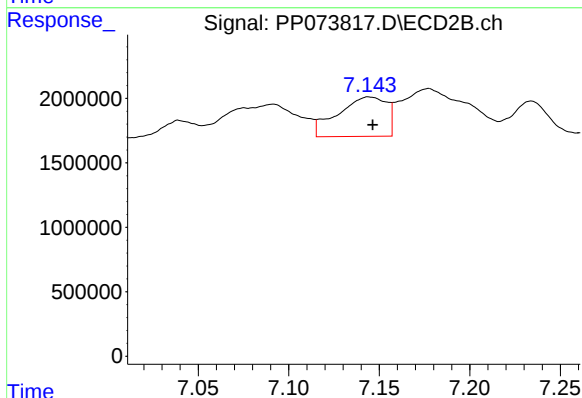
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 2330605
Conc: 35.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
STOCK-PILE

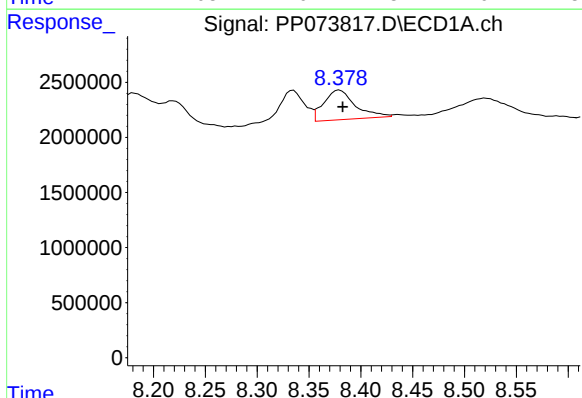
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



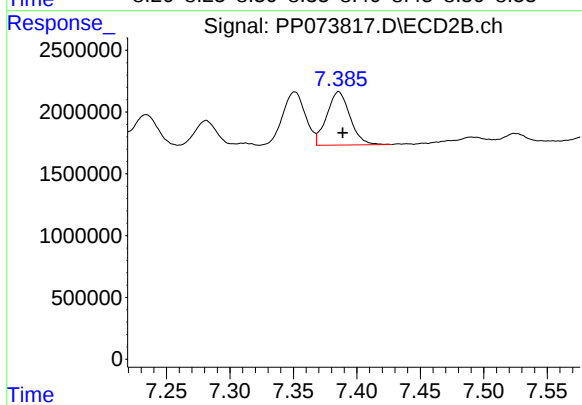
#34 AR-1260-4

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 5762013
Conc: 64.45 ng/ml



#35 AR-1260-5

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 5696121
Conc: 37.76 ng/ml



#35 AR-1260-5

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 5520067
Conc: 24.56 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	END-OF-TRENCH	SDG No.:	Q2600
Lab Sample ID:	Q2600-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.2
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073818.D	1	07/15/25 08:40	07/15/25 19:57	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	168		3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.6		32 - 144	83%	SPK: 20
2051-24-3	Decachlorobiphenyl	33.5		32 - 175	167%	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\PP071525\
 Data File : PP073818.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 19:57
 Operator : YP\AJ
 Sample : Q2600-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 END-OF-TRENCH

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:52:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.482	3.777	21536158	30618060	15.725m	16.620
2) SA Decachlor...	10.168	8.775	34418708	44259488	31.546	33.450
Target Compounds						
26) L6 AR-1254-1	6.481	5.654	21874543	44303187	408.187m	381.825
27) L6 AR-1254-2	6.698	5.802	36344323	35930377	436.365	357.077
28) L6 AR-1254-3	7.061	6.203	38732711	58736044	438.492	380.300
29) L6 AR-1254-4	7.343	6.431	32716711	37237727	415.888	393.803
30) L6 AR-1254-5	7.758	6.847	32662950	59226022	443.309	443.824

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073818.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 19:57
Operator : YP\AJ
Sample : Q2600-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

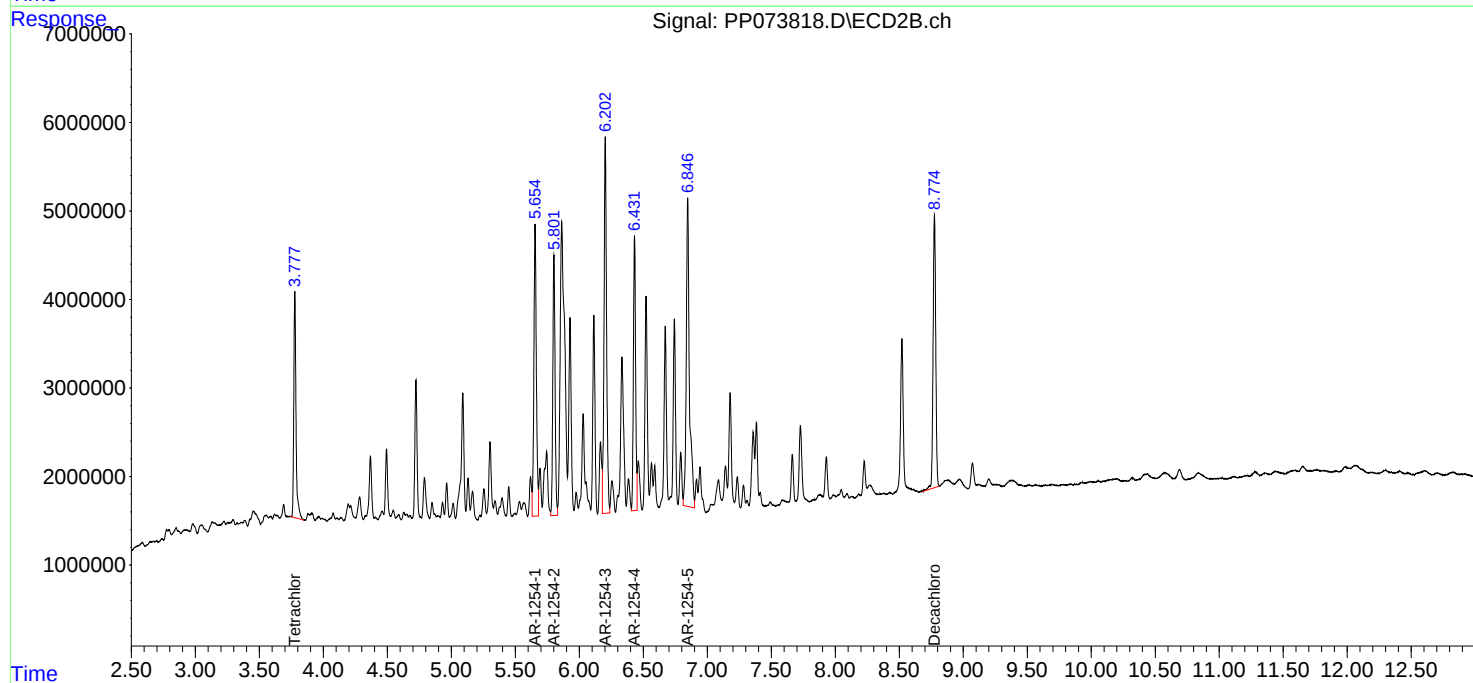
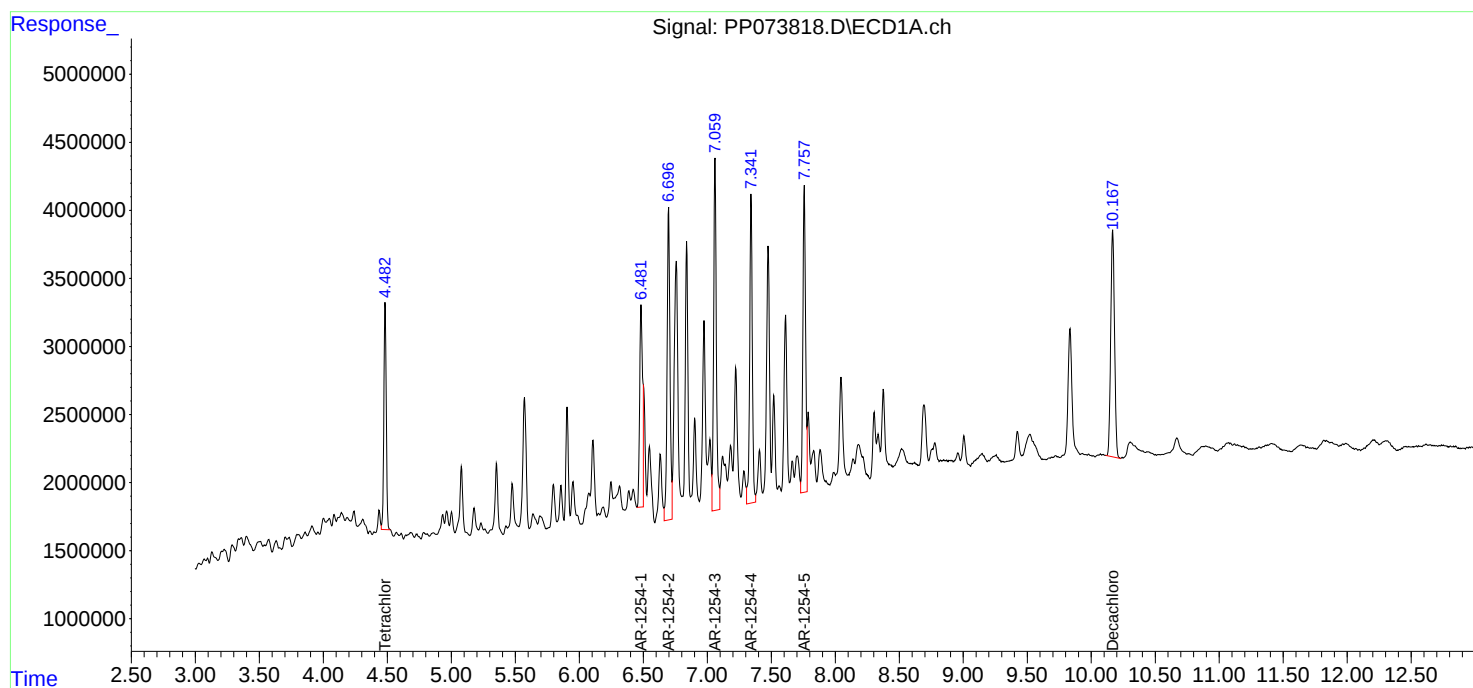
Instrument :
ECD_P
ClientSampleId :
END-OF-TRENCH

Manual Integrations
APPROVED

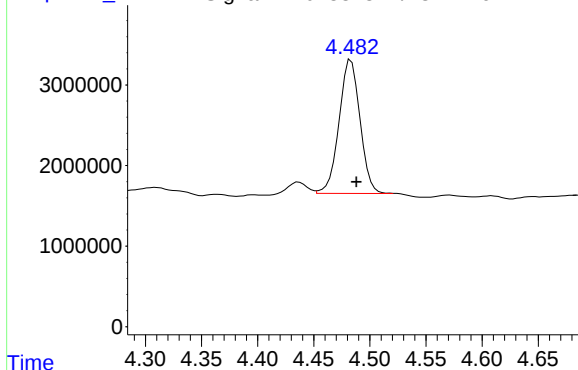
Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:52:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP073818.D\ECD1A.ch



#1 Tetrachloro-m-xylene

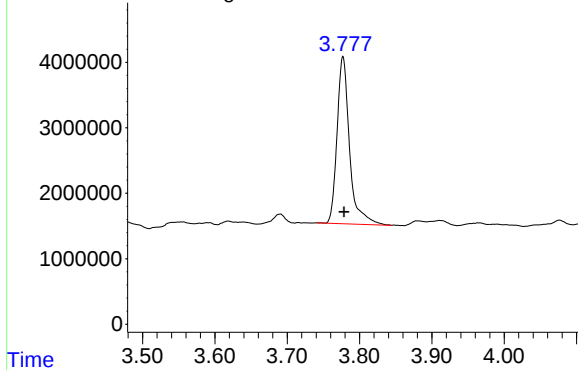
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 21536158
Conc: 15.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
END-OF-TRENCH

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

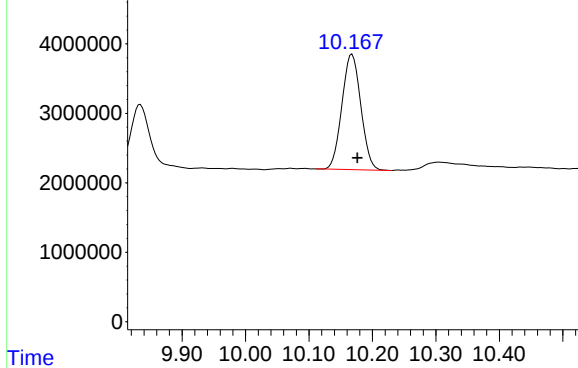
Response_ Signal: PP073818.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 30618060
Conc: 16.62 ng/ml

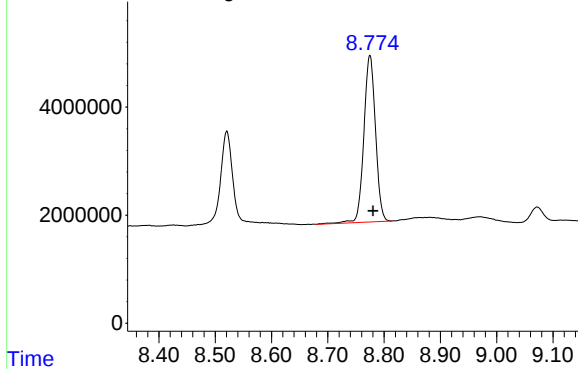
Response_ Signal: PP073818.D\ECD1A.ch



#2 Decachlorobiphenyl

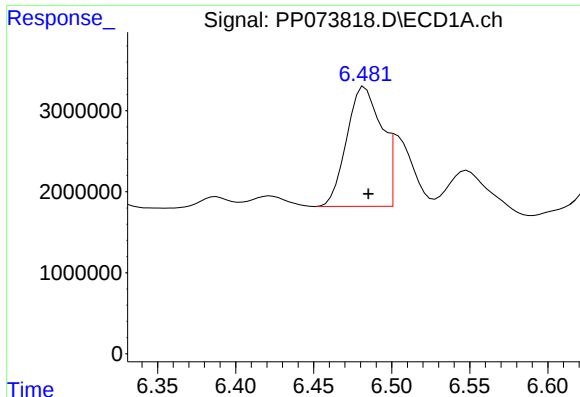
R.T.: 10.168 min
Delta R.T.: -0.008 min
Response: 34418708
Conc: 31.55 ng/ml

Response_ Signal: PP073818.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 44259488
Conc: 33.45 ng/ml



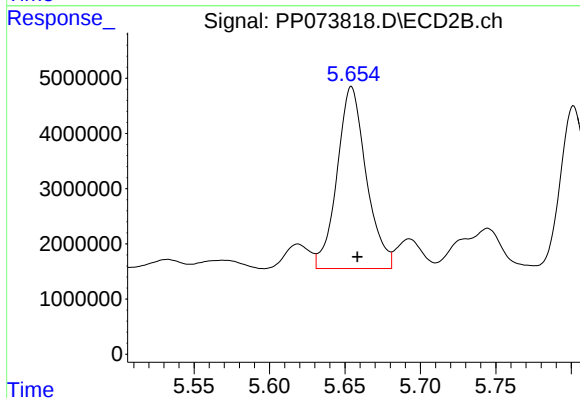
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 21874543
Conc: 408.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
END-OF-TRENCH

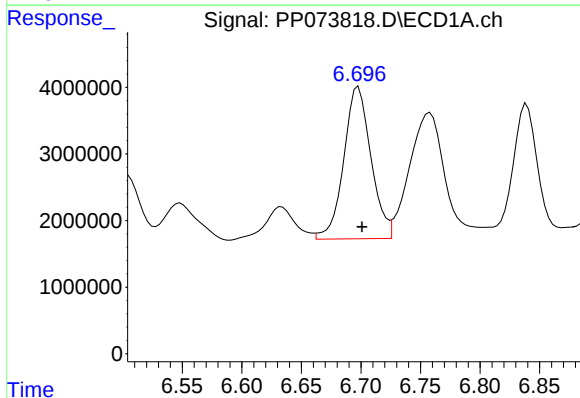
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



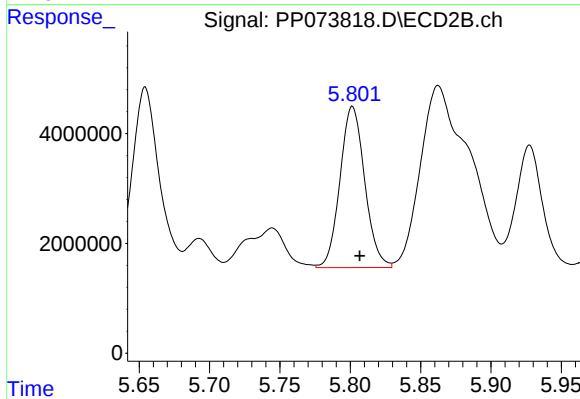
#26 AR-1254-1

R.T.: 5.654 min
Delta R.T.: -0.004 min
Response: 44303187
Conc: 381.83 ng/ml



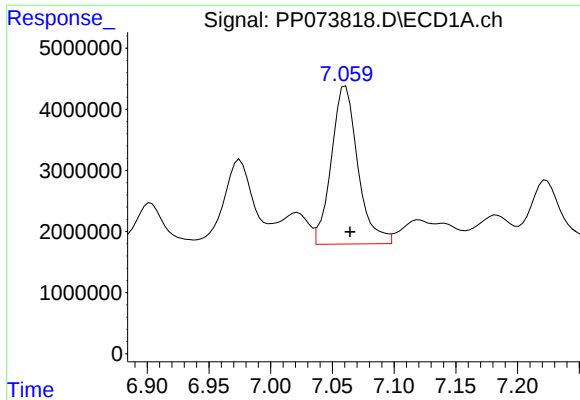
#27 AR-1254-2

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 36344323
Conc: 436.36 ng/ml



#27 AR-1254-2

R.T.: 5.802 min
Delta R.T.: -0.005 min
Response: 35930377
Conc: 357.08 ng/ml



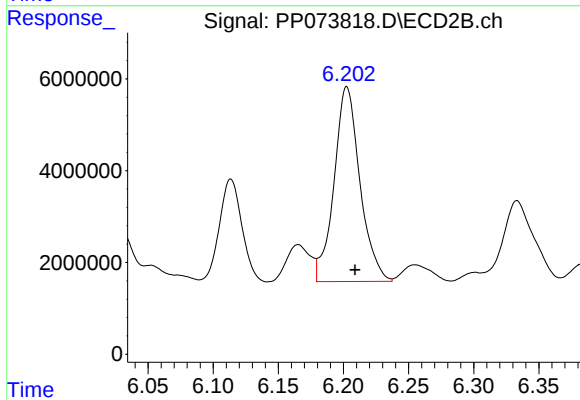
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: -0.004 min
Response: 38732711
Conc: 438.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
END-OF-TRENCH

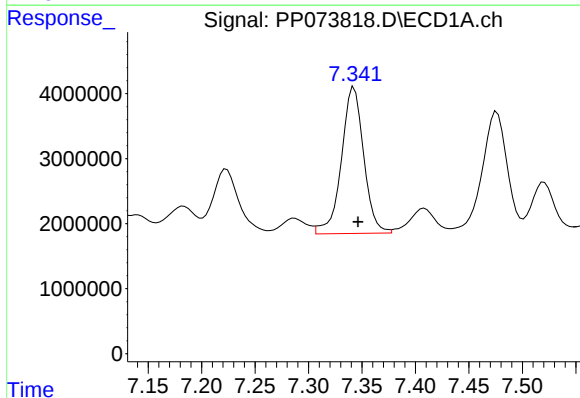
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



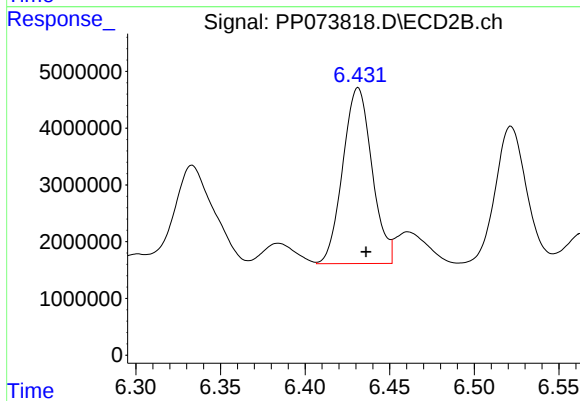
#28 AR-1254-3

R.T.: 6.203 min
Delta R.T.: -0.006 min
Response: 58736044
Conc: 380.30 ng/ml



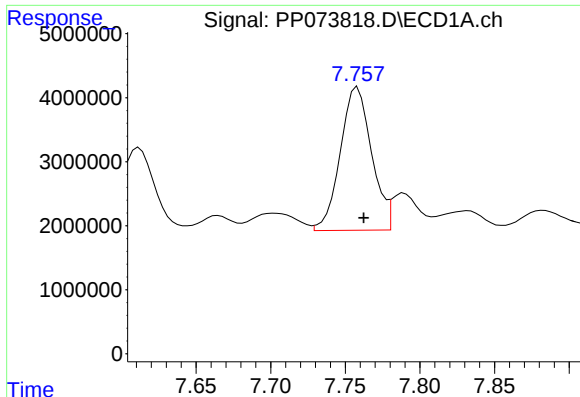
#29 AR-1254-4

R.T.: 7.343 min
Delta R.T.: -0.004 min
Response: 32716711
Conc: 415.89 ng/ml



#29 AR-1254-4

R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 37237727
Conc: 393.80 ng/ml



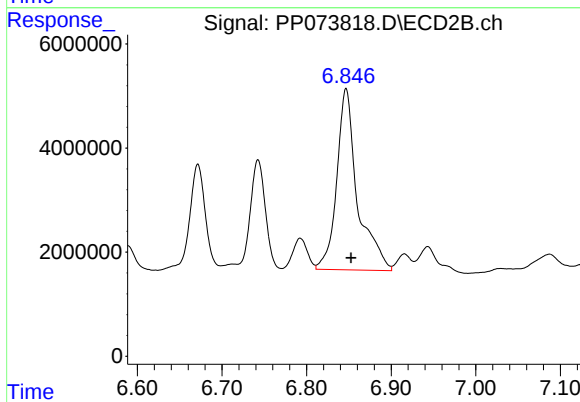
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: -0.004 min
Response: 32662950
Conc: 443.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
END-OF-TRENCH

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025



#30 AR-1254-5

R.T.: 6.847 min
Delta R.T.: -0.006 min
Response: 59226022
Conc: 443.82 ng/ml



CALIBRATION SUMMARY

Calibration Times: 21:03 04:24

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

[illegible]

Calibration Times: 21:03 04:24

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TACO01
SDG NO.: Q2600

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:		CF 1000 = <u>PP073554.D</u>		CF 750 = <u>PP073555.D</u>			
CF 500 = <u>PP073556.D</u>		CF 250 = <u>PP073557.D</u>		CF 050 = <u>PP073558.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003
Aroclor-1268-1	(1)	220572869	225132533	228083942	237689468	204639620	223223686
Aroclor-1268-2	(2)	188785361	192061012	194228718	202923360	174527620	190505214
Aroclor-1268-3	(3)	161320167	164379476	166708106	175220108	160250740	165575719
Aroclor-1268-4	(4)	68937885	69804631	69558114	75087068	64331720	69543884
Aroclor-1268-5	(5)	477643268	472782711	485154758	497337016	371889540	460961459
Decachlorobiphenyl		1977874930	2021254947	2057047680	2189262080	1794844800	2008056887
Tetrachloro-m-xylene		1351774000	1390310400	1415817780	1495349000	1314096000	1393469436



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: TACO01
SDG NO.: Q2600

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:								
CF 1000 =		PP073554.D		CF 750 =		PP073555.D		
CF 500 =		PP073556.D		CF 250 =		PP073557.D		
CF 050 =		PP073558.D		CF 050 =		PP073558.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	68174727	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	101884386	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	54106318	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	43880839	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	54582511	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	97560301	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	122837583	6
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	109463813	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	89408430	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	224736611	6
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	1323148980	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	1842292499	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	57764761	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	86454187	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	45946660	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	44263306	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	55242467	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	1326387165	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	1826316417	7
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	116030082	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	100623556	10
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	154446455	6
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	94559187	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	133444861	6
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	1400823360	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	1905735409	3
Aroclor-1268-1	(1)	290584667	307587391	307795276	323603296	307313580	307376842	4
Aroclor-1268-2	(2)	254148086	267727805	267575410	282961968	256026000	265687854	4
Aroclor-1268-3	(3)	211648098	225837245	227309934	242217372	220889640	225580458	5
Aroclor-1268-4	(4)	89640321	95098047	95218176	99881904	85000720	92967834	6
Aroclor-1268-5	(5)	595257746	637650785	622434144	650778188	576631820	616550537	5
Decachlorobiphenyl		2396229270	2556860227	2535017940	2683507840	2355689000	2505460855	5
Tetrachloro-m-xylene		1866286350	1953909840	1937791560	2021719520	1790813600	1914104174	5



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

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



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

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

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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.781	131.5E6	177.4E6	93.026	94.696
2) SA Decachlor...	10.176	8.782	107.5E6	128.8E6	93.796	97.280
Target Compounds						
3) L1 AR-1016-1	5.637	4.858	42452248	63548895	900.578	927.437
4) L1 AR-1016-2	5.658	4.876	66518124	95987811	923.237	935.651
5) L1 AR-1016-3	5.720	5.053	39961628	50406684	904.874	919.008
6) L1 AR-1016-4	5.818	5.095	33606097	39688708	918.399	904.134
7) L1 AR-1016-5	6.111	5.308	30910810	50298801	942.795	903.675
31) L7 AR-1260-1	7.227	6.338	55735594	89335231	934.162	898.100
32) L7 AR-1260-2	7.481	6.527	82256765	113.0E6	909.981	911.272
33) L7 AR-1260-3	7.838	6.679	71122512	102.9E6	952.220	916.511
34) L7 AR-1260-4	8.063	7.148	63951646	82942909	958.358	898.144
35) L7 AR-1260-5	8.381	7.390	147.6E6	218.3E6	952.936	940.240

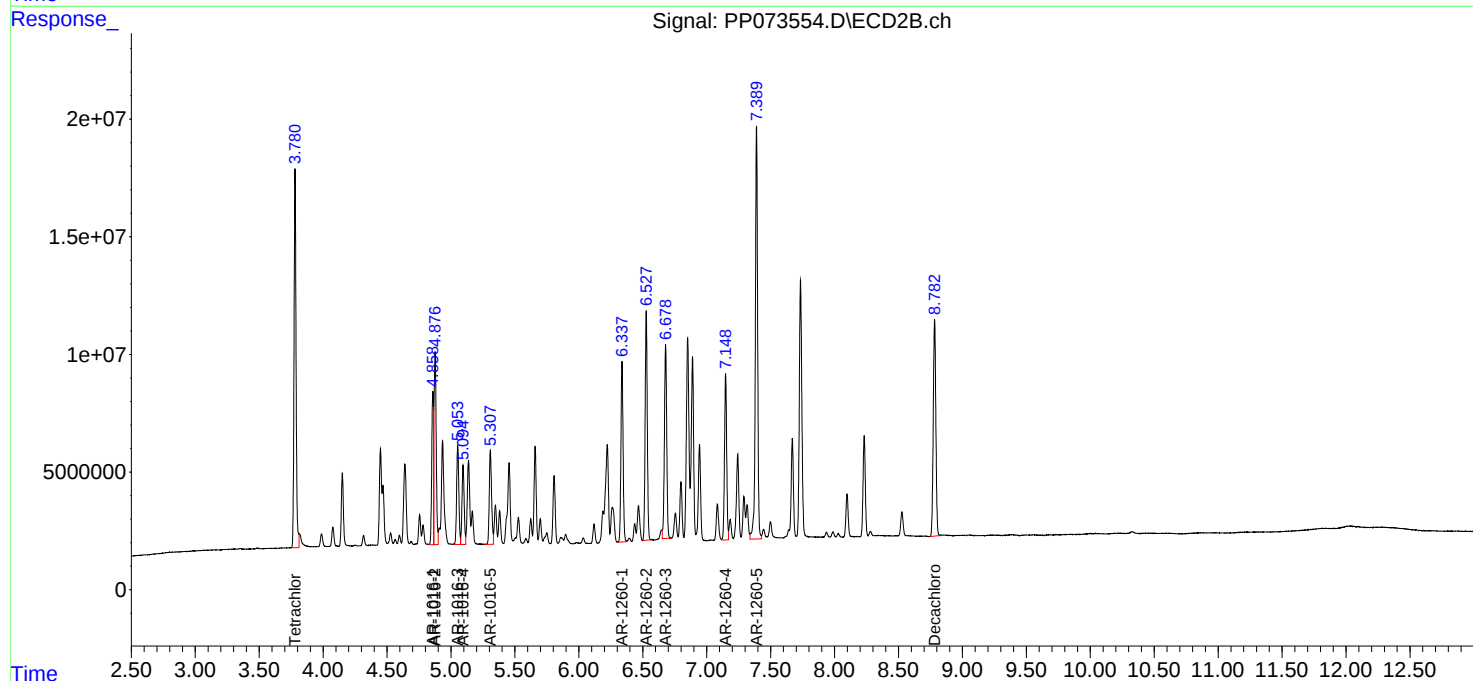
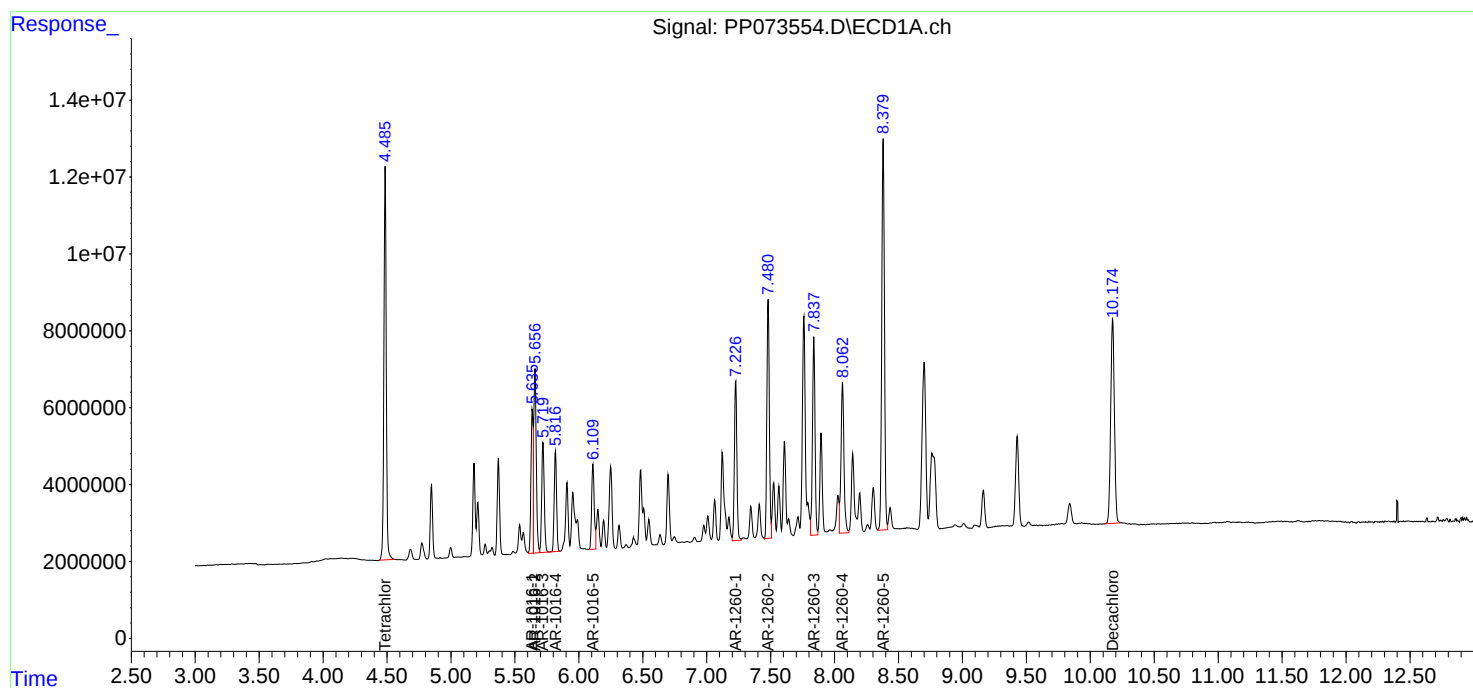
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.780	102.8E6	142.0E6	72.739	75.791
2) SA Decachlor...	10.177	8.781	83570453	100.4E6	72.917	75.817
Target Compounds						
3) L1 AR-1016-1	5.639	4.859	34213394	50217519	725.800	732.878
4) L1 AR-1016-2	5.661	4.876	52606484	74857573	730.151	729.682
5) L1 AR-1016-3	5.722	5.052	31534647	39834108	714.057	726.250
6) L1 AR-1016-4	5.820	5.095	26606805	31578742	727.120	719.383
7) L1 AR-1016-5	6.112	5.308	23978479	40115862	731.355	720.727
31) L7 AR-1260-1	7.230	6.338	43342023	70882887	726.438	712.596
32) L7 AR-1260-2	7.483	6.527	65155158	88919856	720.792	717.075
33) L7 AR-1260-3	7.841	6.678	55295986	81310749	740.327	724.093
34) L7 AR-1260-4	8.065	7.148	49508585	67830449	741.919	734.499
35) L7 AR-1260-5	8.383	7.390	113.9E6	176.0E6	735.086	757.944

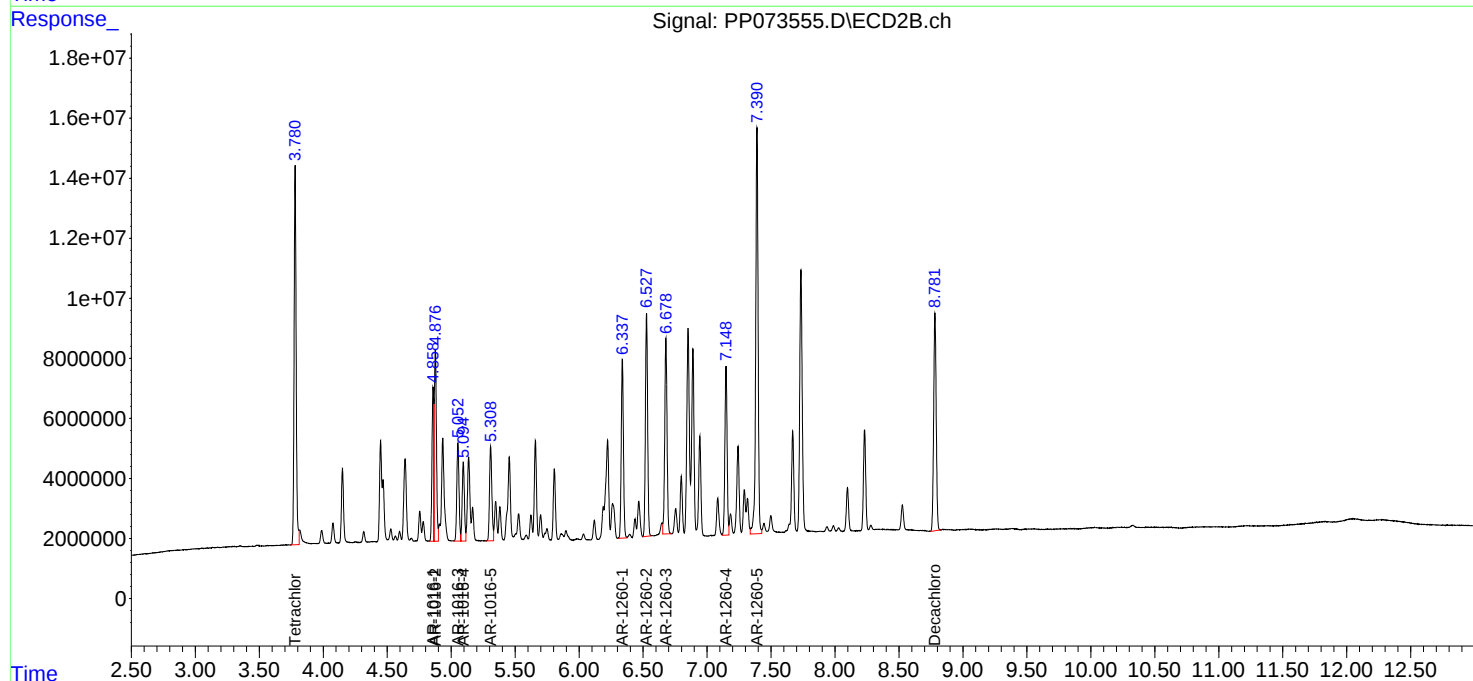
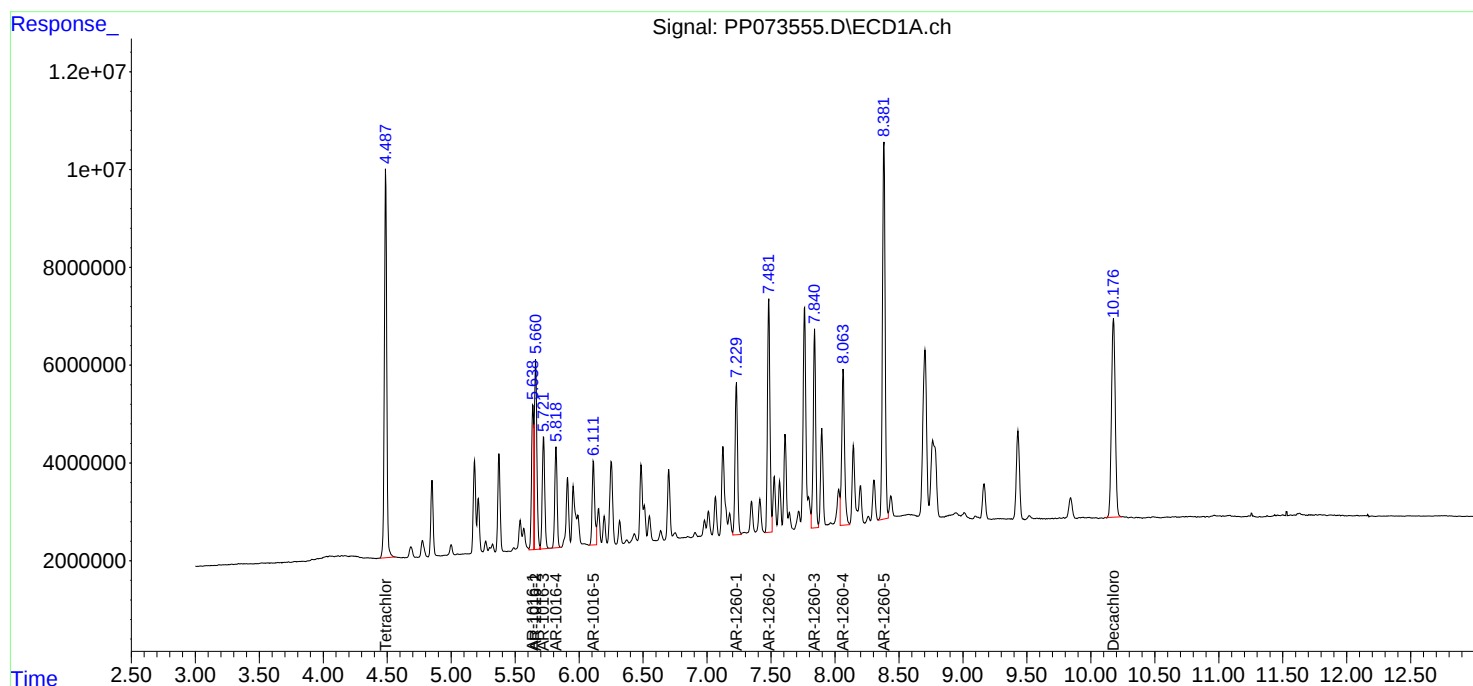
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.778	70659473	93670223	50.000	50.000
2) SA Decachlor...	10.176	8.780	57305531	66225271	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.639	4.858	23569436	34260490	500.000	500.000
4) L1 AR-1016-2	5.660	4.875	36024404	51294648	500.000	500.000
5) L1 AR-1016-3	5.722	5.051	22081319	27424517	500.000	500.000
6) L1 AR-1016-4	5.820	5.093	18296028	21948478	500.000	500.000
7) L1 AR-1016-5	6.112	5.307	16393178	27830144	500.000	500.000
31) L7 AR-1260-1	7.229	6.337	29831866	49735666	500.000	500.000
32) L7 AR-1260-2	7.483	6.525	45196946	62001775	500.000	500.000
33) L7 AR-1260-3	7.840	6.677	37345649	56146648	500.000	500.000
34) L7 AR-1260-4	8.064	7.146	33365205	46174637	500.000	500.000
35) L7 AR-1260-5	8.383	7.389	77448161	116.1E6	500.000	500.000

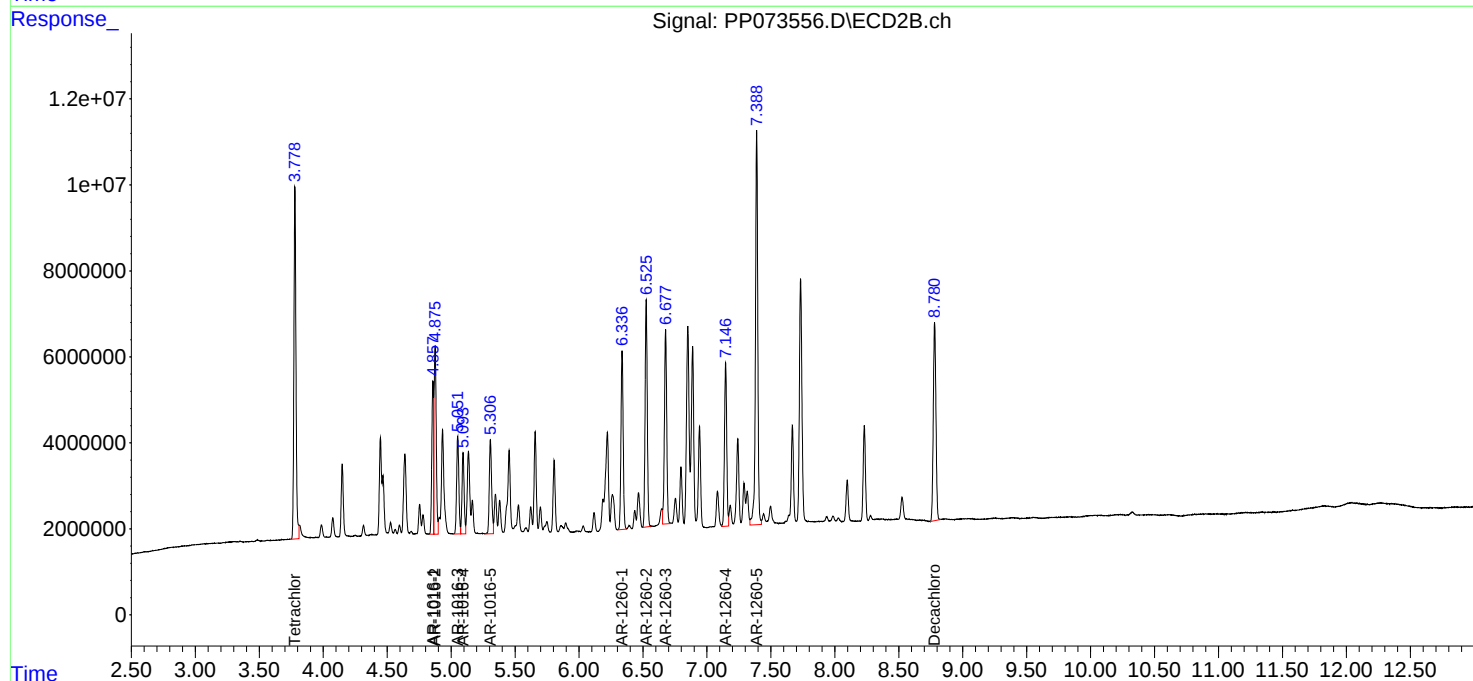
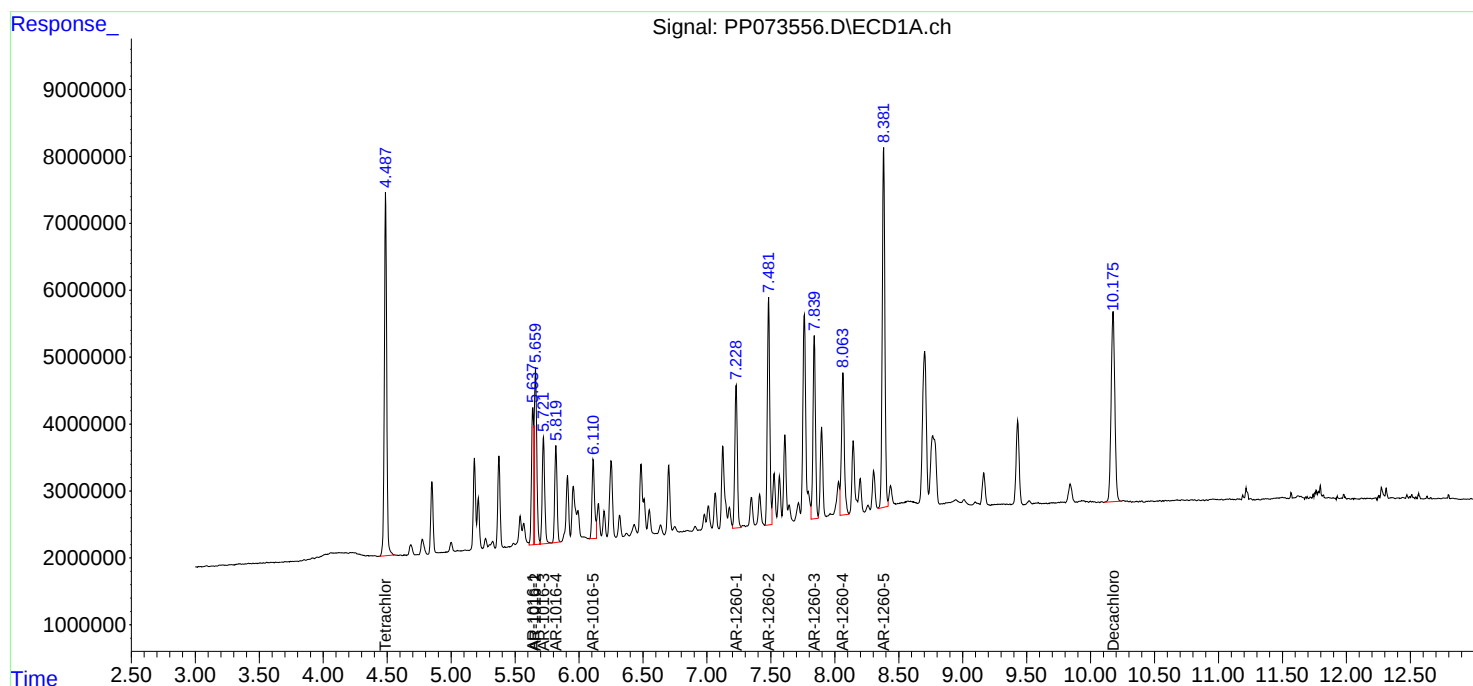
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.489	3.780	36726195	48601054	25.988	25.943
2)	SA Decachlor...	10.180	8.781	29096309	36663112	25.387	27.681
Target Compounds							
3)	L1 AR-1016-1	5.640	4.858	12627919	18293907	267.888	266.983
4)	L1 AR-1016-2	5.662	4.876	19179159	27468197	266.197	267.749
5)	L1 AR-1016-3	5.723	5.053	11597460	14482667	262.608	264.046
6)	L1 AR-1016-4	5.821	5.095	9615182	11760046	262.767	267.901
7)	L1 AR-1016-5	6.113	5.308	8568508	14818058	261.344	266.223
31)	L7 AR-1260-1	7.231	6.339	15831007	26051826	265.337	261.903
32)	L7 AR-1260-2	7.484	6.527	24493361	32462748	270.963	261.789
33)	L7 AR-1260-3	7.843	6.679	19201014	29417085	257.072	261.967
34)	L7 AR-1260-4	8.066	7.147	17258868	24081302	258.636	260.763m
35)	L7 AR-1260-5	8.385	7.391	40210084	58426954	259.594	251.596m

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

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

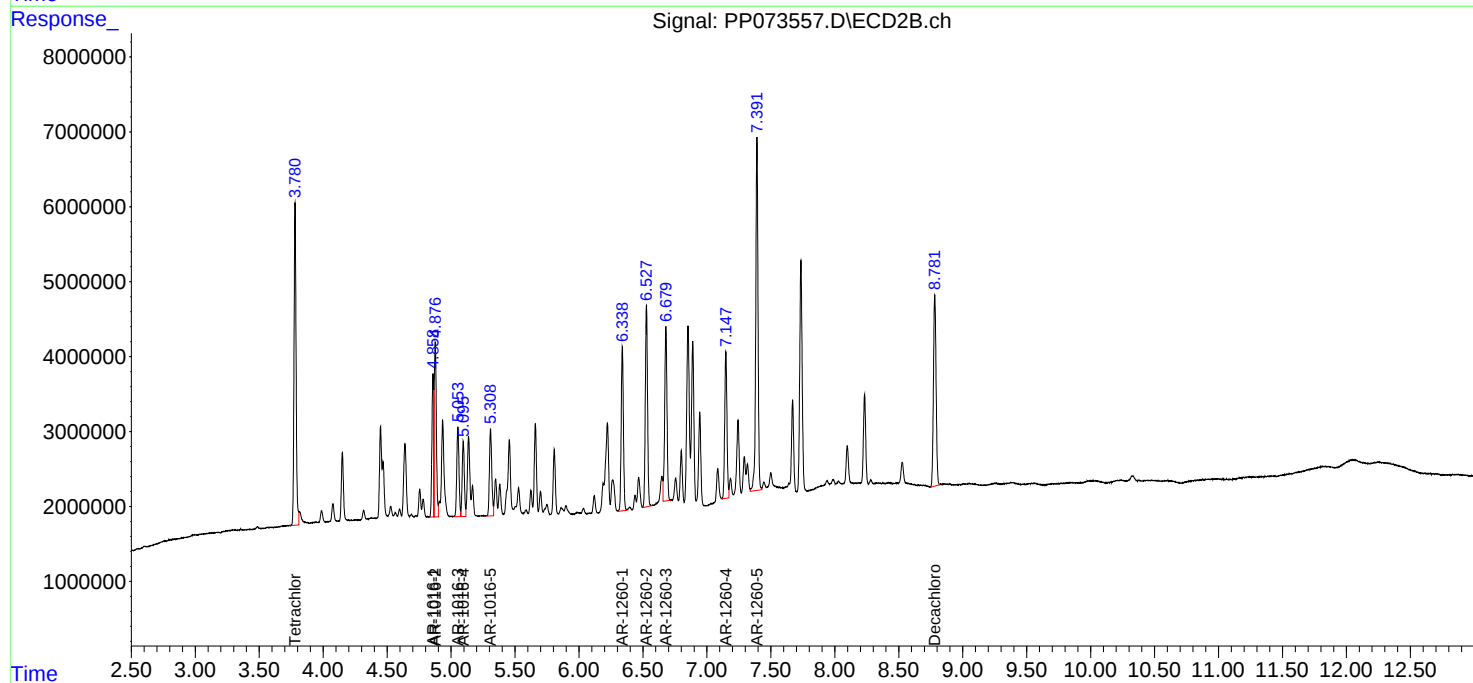
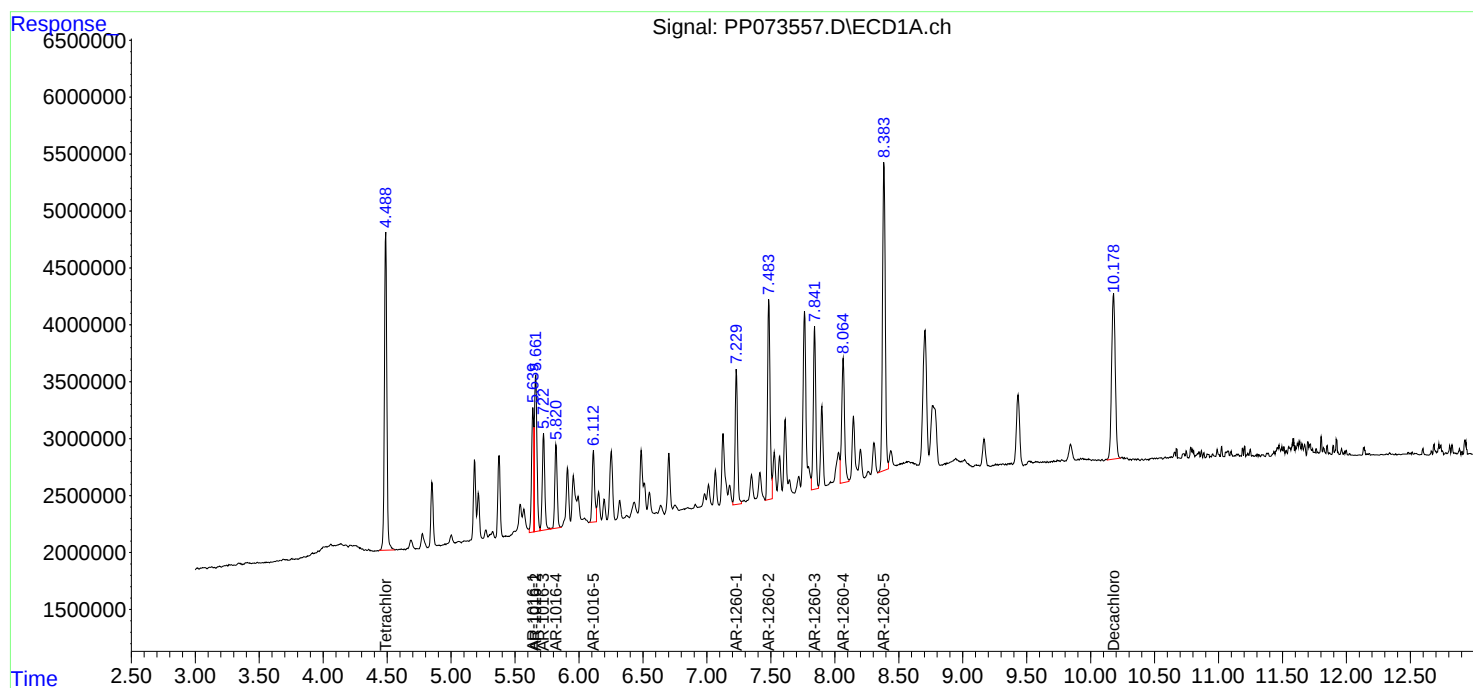
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.779	6400868	8634125	4.529	4.609
2) SA Decachlor...	10.173	8.780	4780120	5986472	4.171	4.520
Target Compounds						
3) L1 AR-1016-1	5.635	4.857	2592361	3433572	54.994m	50.110
4) L1 AR-1016-2	5.658	4.875	3532445	5058097	49.029	49.304
5) L1 AR-1016-3	5.719	5.052	2287754	2711653	51.803	49.438
6) L1 AR-1016-4	5.817	5.094	1779663	2333668	48.635	53.162
7) L1 AR-1016-5	6.109	5.307	1335478	2709671	40.733	48.682
31) L7 AR-1260-1	7.226	6.336	2914675	5013856	48.852	50.405m
32) L7 AR-1260-2	7.482	6.525	6085083	6438631	67.317	51.923
33) L7 AR-1260-3	7.838	6.677	3450365	5301254	46.195	47.209
34) L7 AR-1260-4	8.061	7.146	3038521	4249208	45.534	46.012m
35) L7 AR-1260-5	8.379	7.388	6955237	10235896	44.903	44.077m

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

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

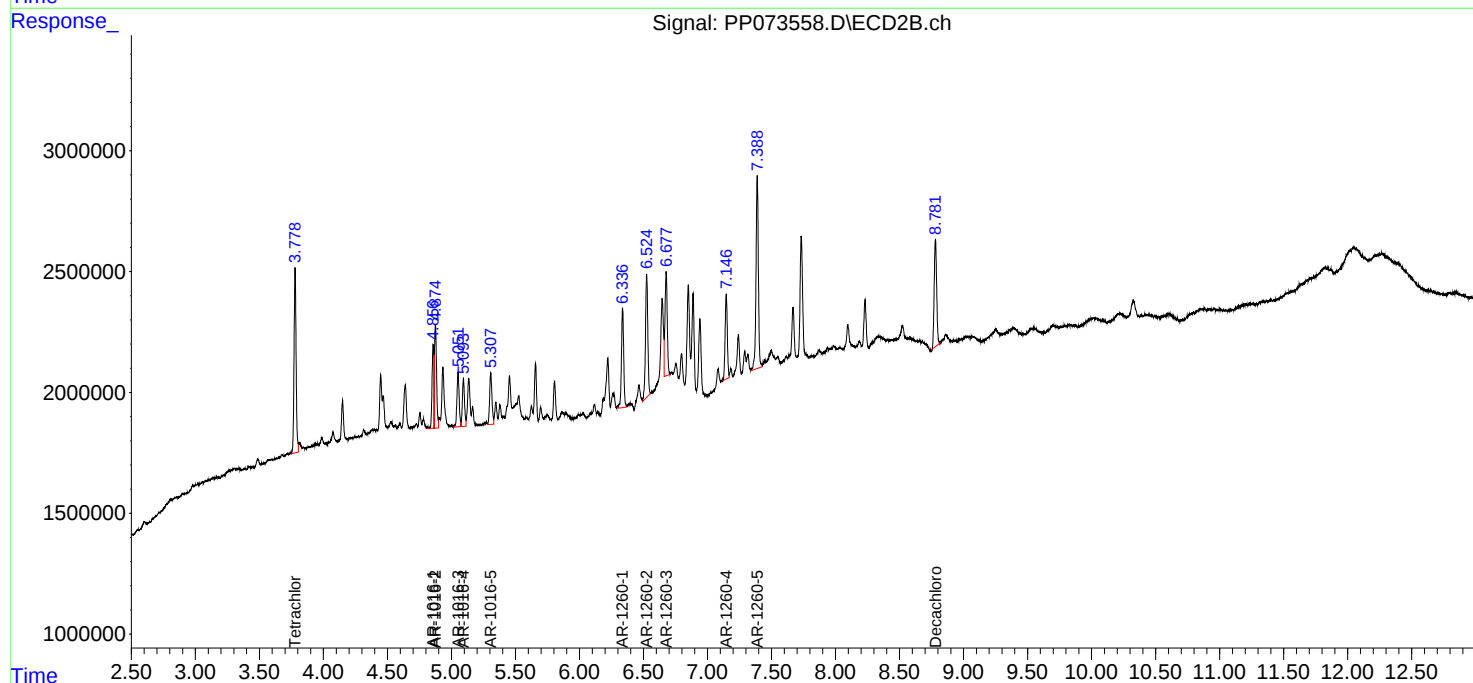
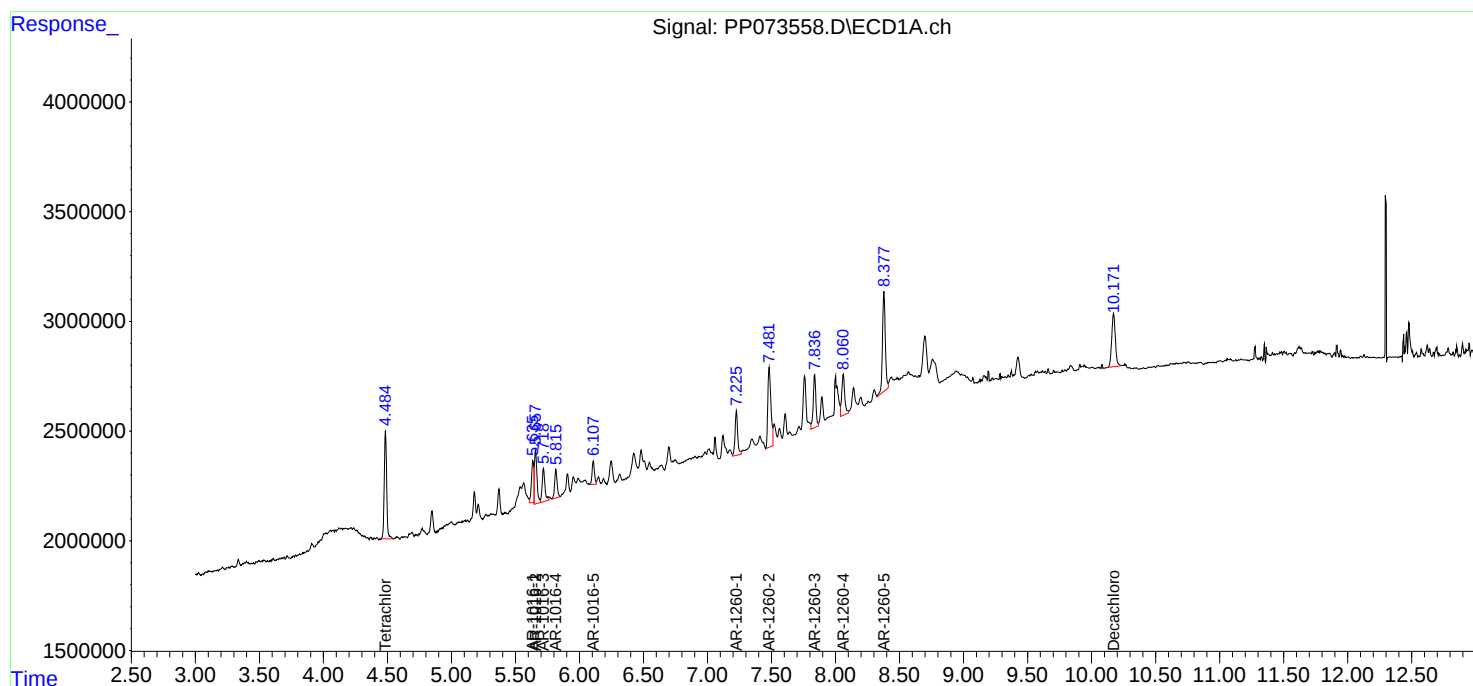
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.779	71300233	92532894	50.000	50.000
2) SA Decachlor...	10.176	8.782	56752030	68180160	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.690	3.988	8933218	13522466	500.000	500.000
9) L2 AR-1221-2	4.776	4.075	6752235	10180159	500.000	500.000
10) L2 AR-1221-3	4.851	4.150	20802411	30724321	500.000	500.000

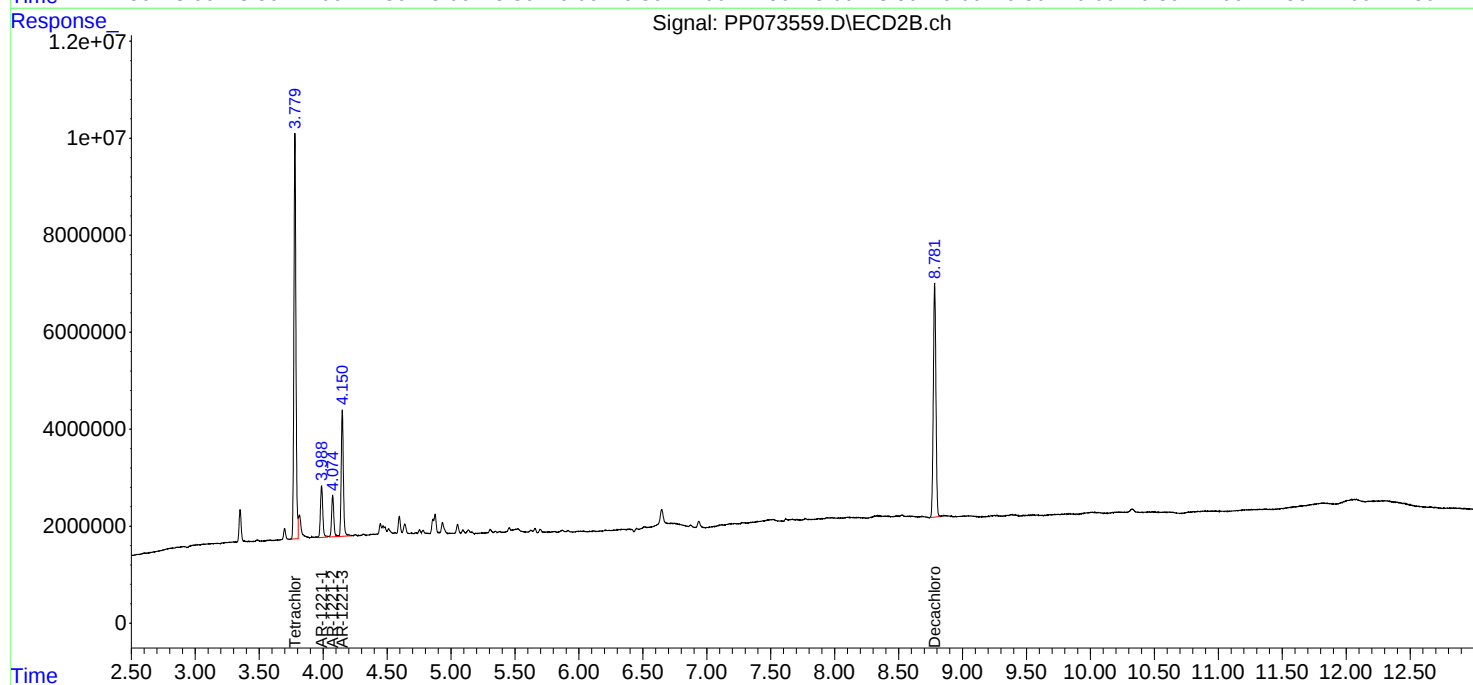
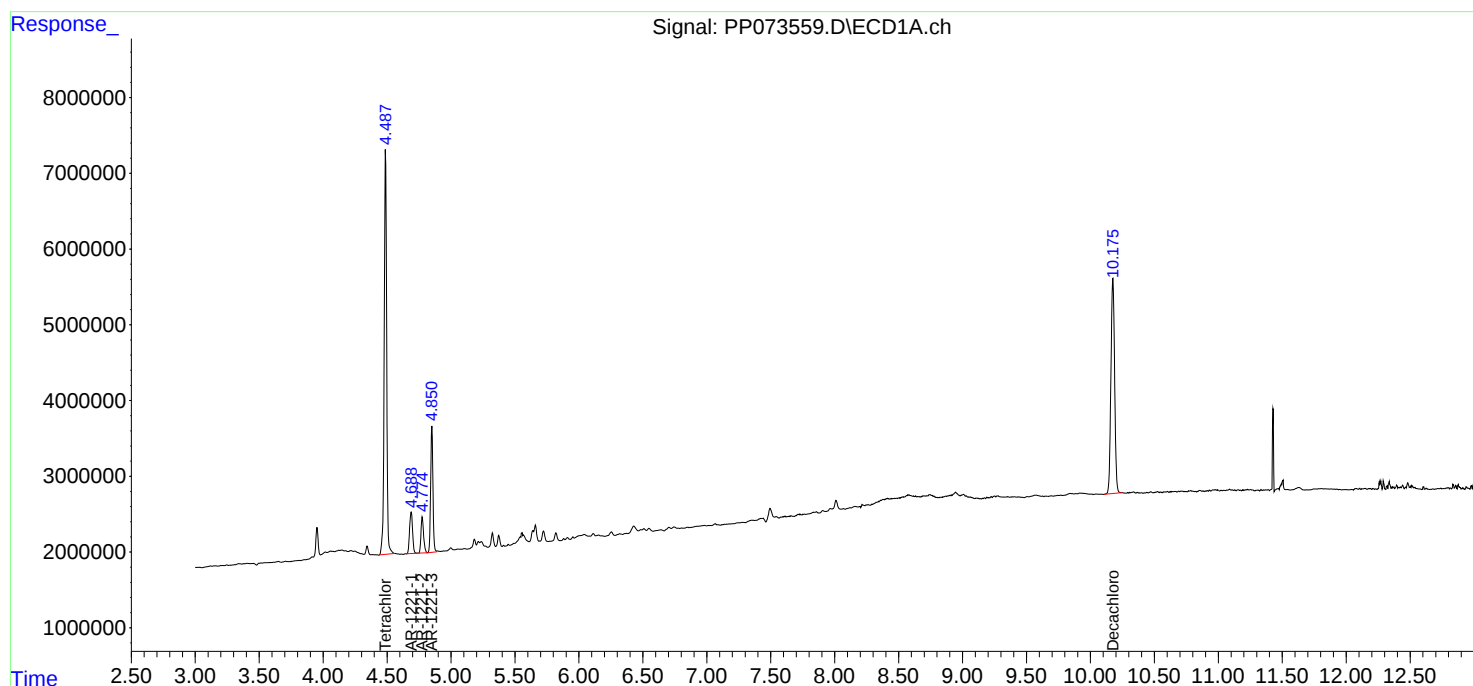
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	69747801	89329746	50.000	50.000
2) SA Decachlor...	10.175	8.781	55031795	64481917	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.850	4.149	16325352	23307175	500.000	500.000
12) L3 AR-1232-2	5.374	4.875	8127340	23829904	500.000	500.000
13) L3 AR-1232-3	5.660	5.052	16496729	12514513	500.000	500.000
14) L3 AR-1232-4	5.820	5.137	8222579	10828145	500.000	500.000
15) L3 AR-1232-5	5.909	5.308	5285179	11281724	500.000	500.000

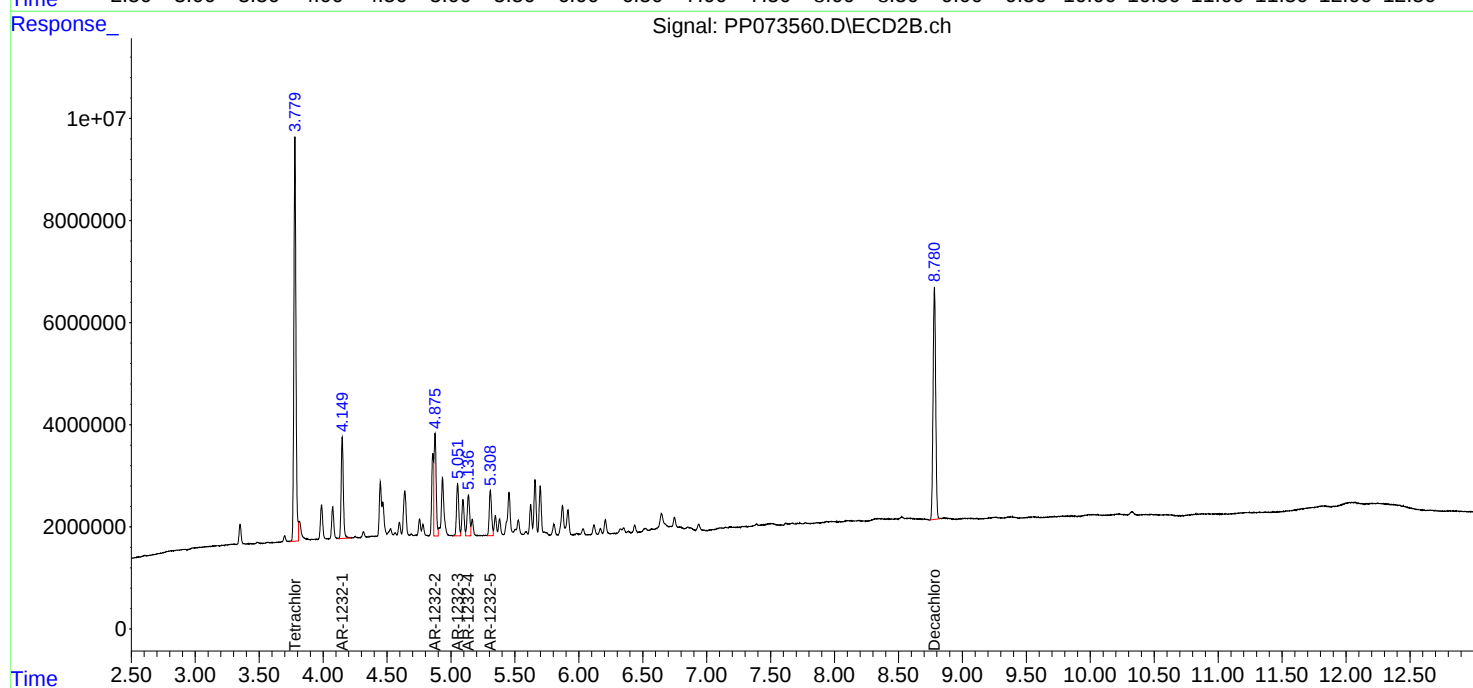
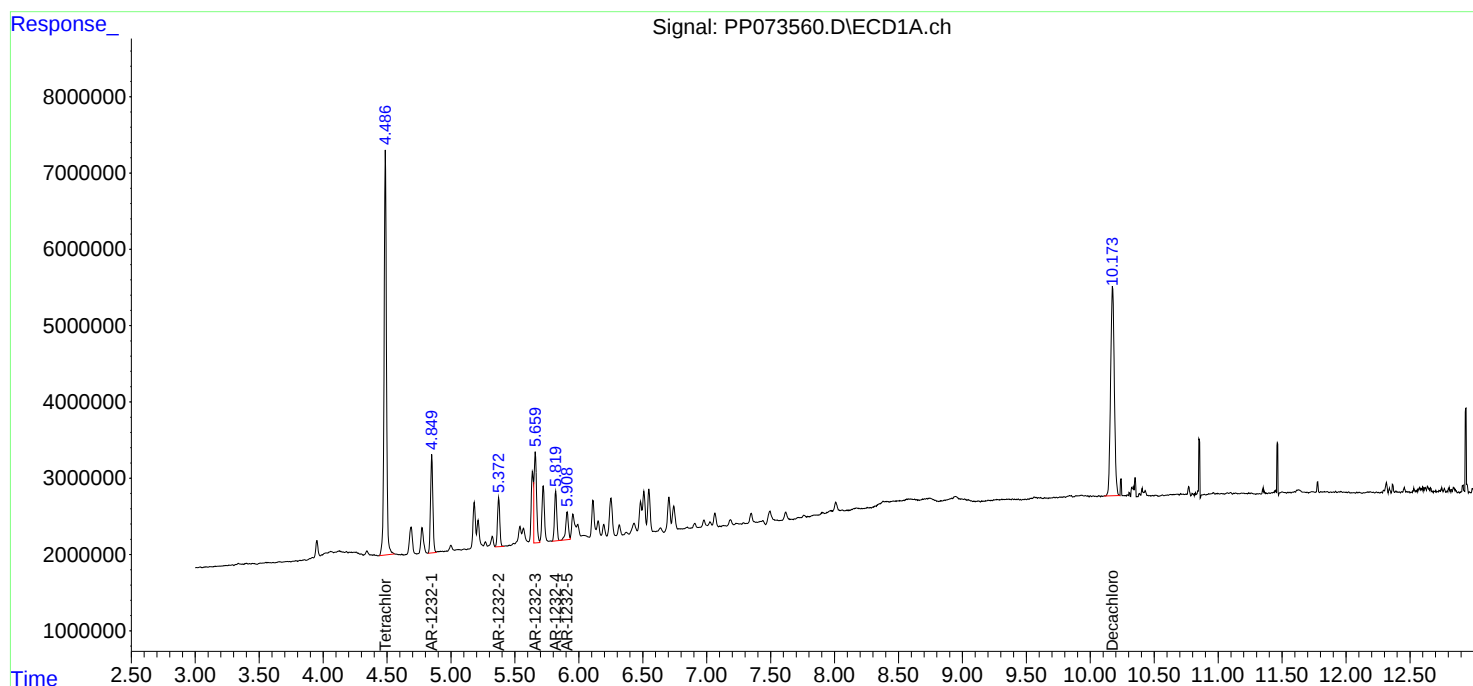
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.779	133.6E6	178.7E6	93.639	94.390
2) SA Decachlor...	10.177	8.779	109.6E6	130.7E6	95.735	96.573
Target Compounds						
16) L4 AR-1242-1	5.639	4.857	37824570	53636877	927.891	888.918
17) L4 AR-1242-2	5.661	4.874	59433539	81745742	941.383	919.241
18) L4 AR-1242-3	5.723	5.051	35307728	43191003	927.513	907.757
19) L4 AR-1242-4	5.820	5.135	29431539	40719317	927.311	902.527
20) L4 AR-1242-5	6.549	5.656	31742412	53173633	951.704	931.769

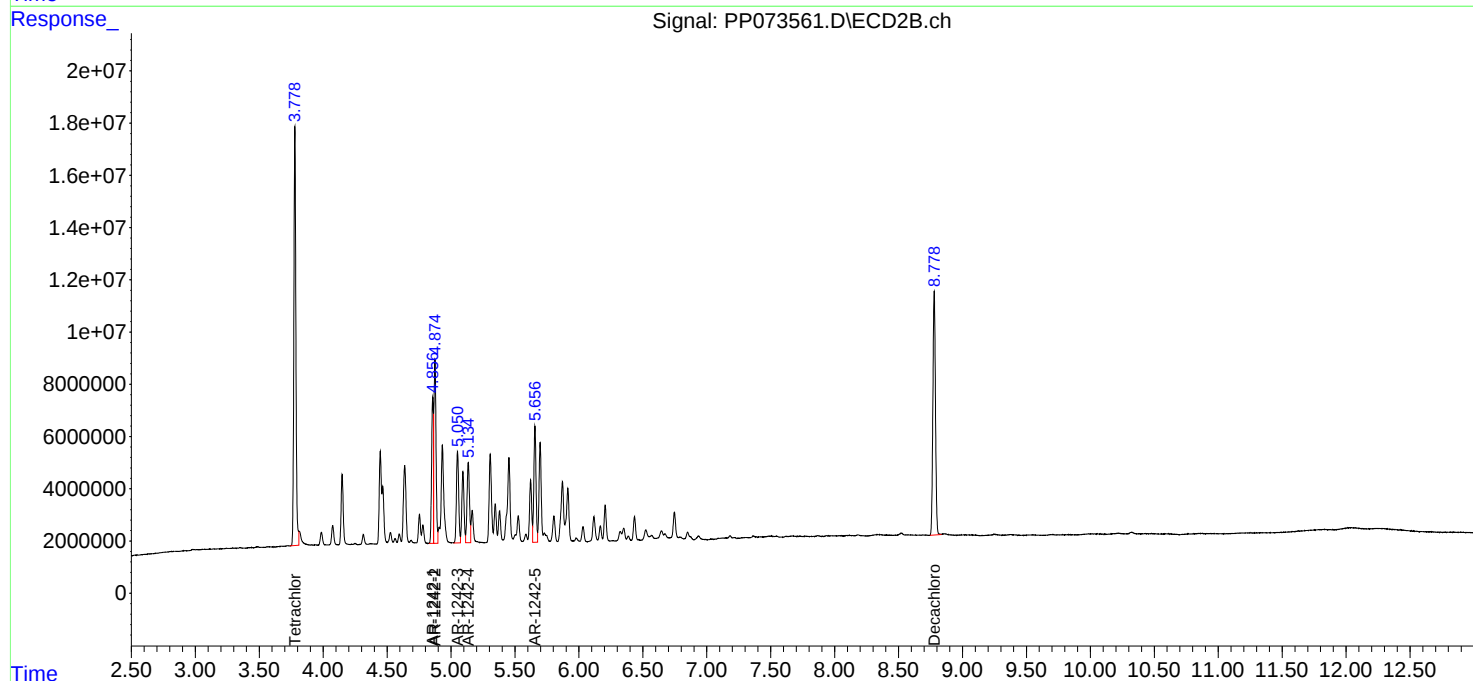
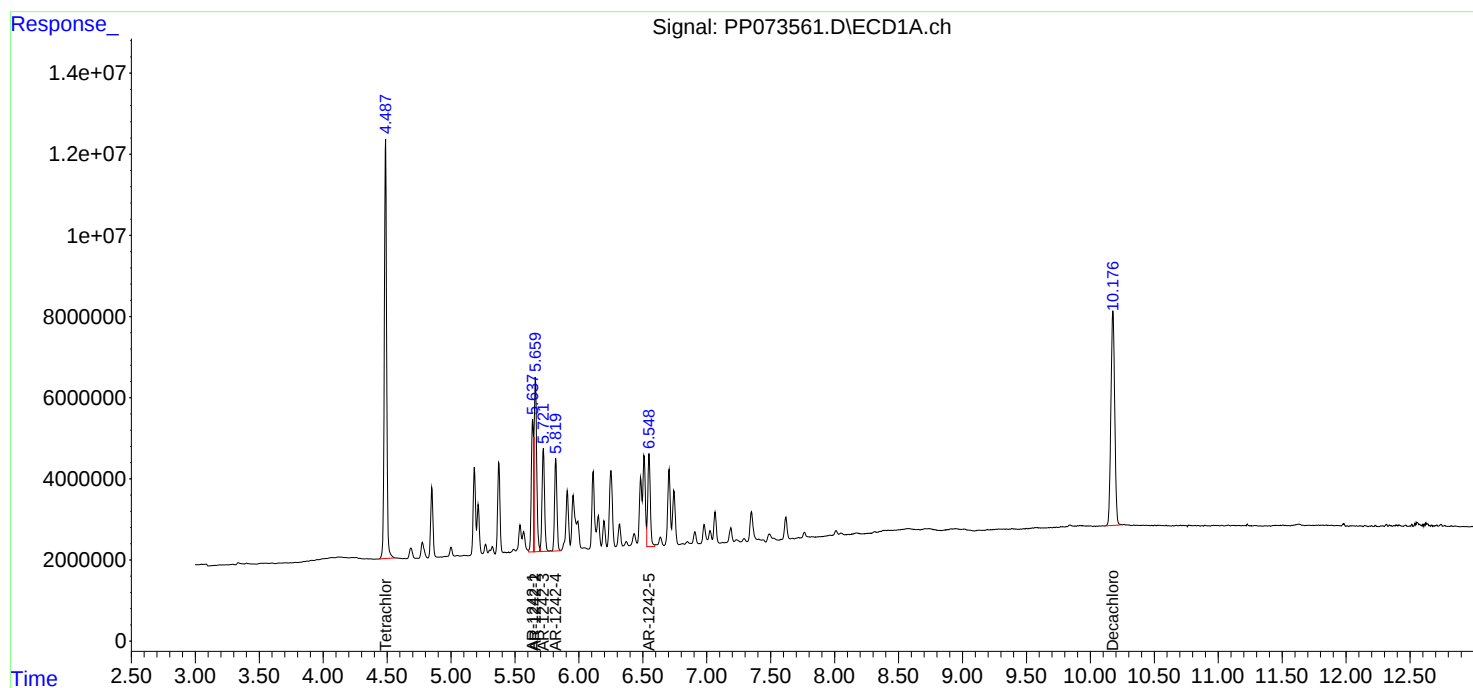
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.779	101.2E6	134.0E6	70.925	70.781
2) SA Decachlor...	10.176	8.781	83819765	102.7E6	73.236	75.941
Target Compounds						
16) L4 AR-1242-1	5.637	4.858	28898659	42483367	708.926	704.072
17) L4 AR-1242-2	5.660	4.875	44240913	61742767	700.743	694.305
18) L4 AR-1242-3	5.721	5.051	26874126	33146056	705.967	696.639
19) L4 AR-1242-4	5.819	5.135	22658657	31400295	713.915	695.975
20) L4 AR-1242-5	6.548	5.657	23721271	40207089	711.214	704.555

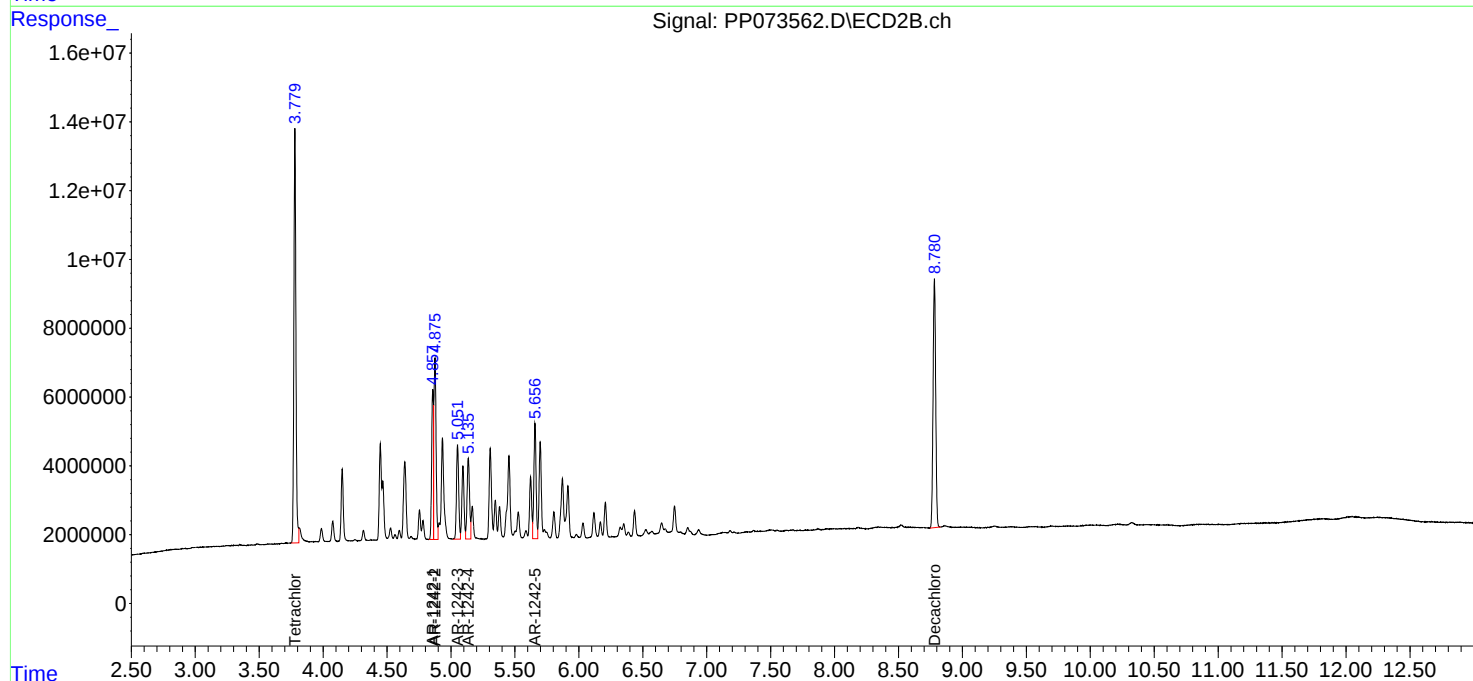
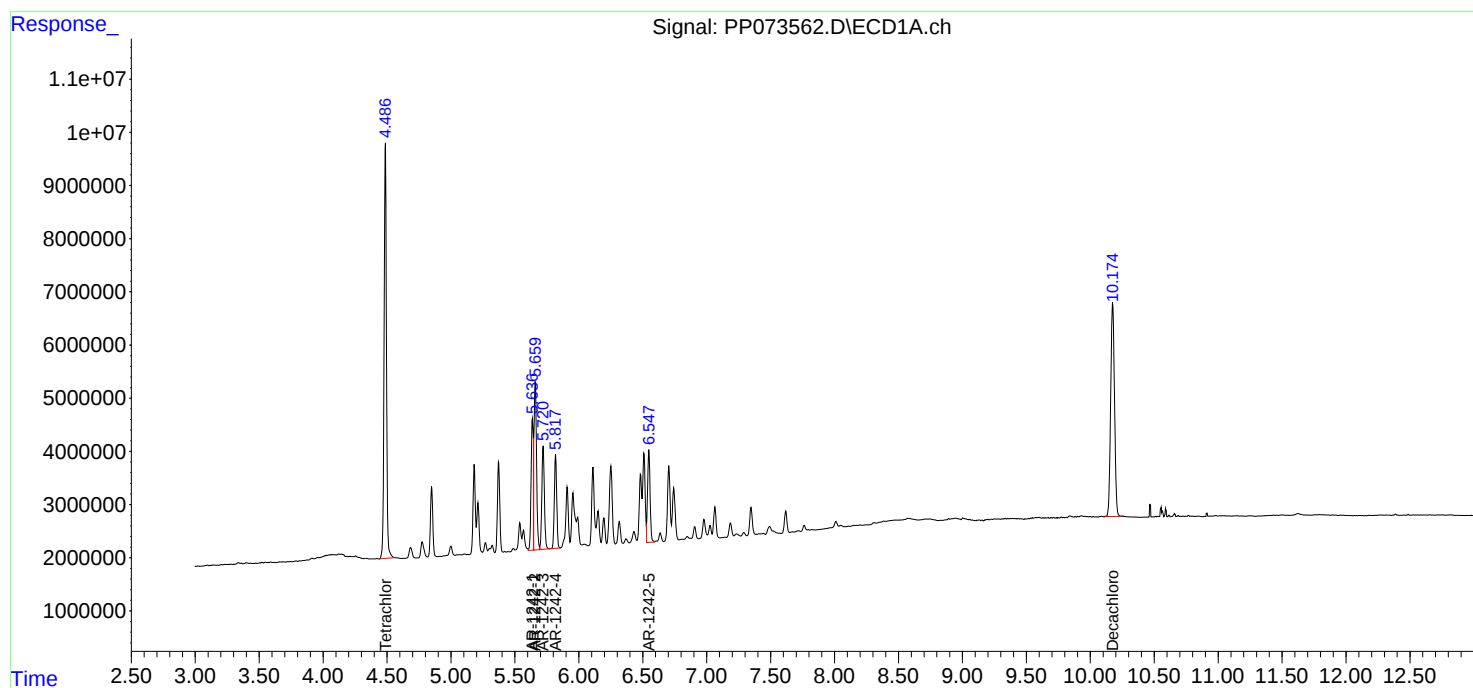
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.779	71360618	94672779	50.000	50.000
2) SA Decachlor...	10.173	8.781	57225953	67650592	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.636	4.858	20382014	30169740	500.000	500.000
17) L4 AR-1242-2	5.658	4.875	31567127	44463701	500.000	500.000
18) L4 AR-1242-3	5.720	5.052	19033543	23789965	500.000	500.000
19) L4 AR-1242-4	5.817	5.136	15869296	22558507	500.000	500.000
20) L4 AR-1242-5	6.546	5.657	16676614	28533697	500.000	500.000

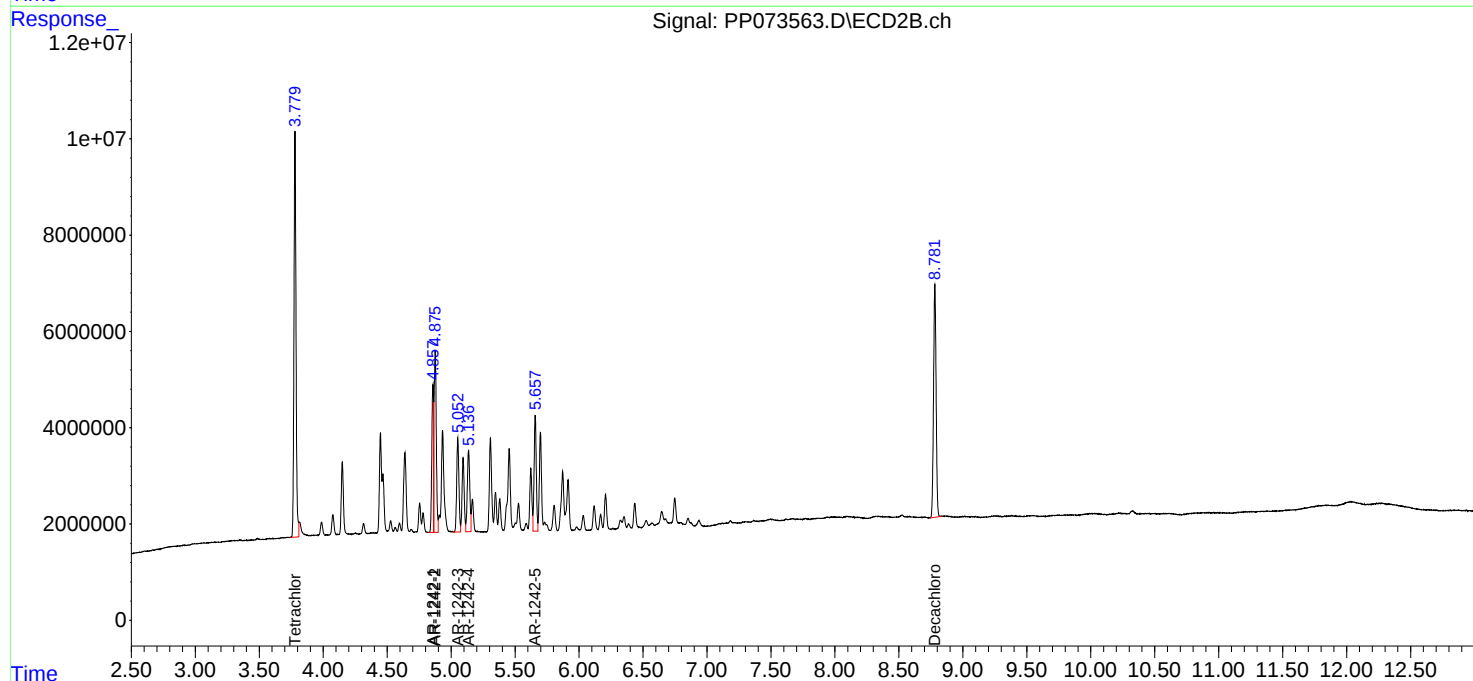
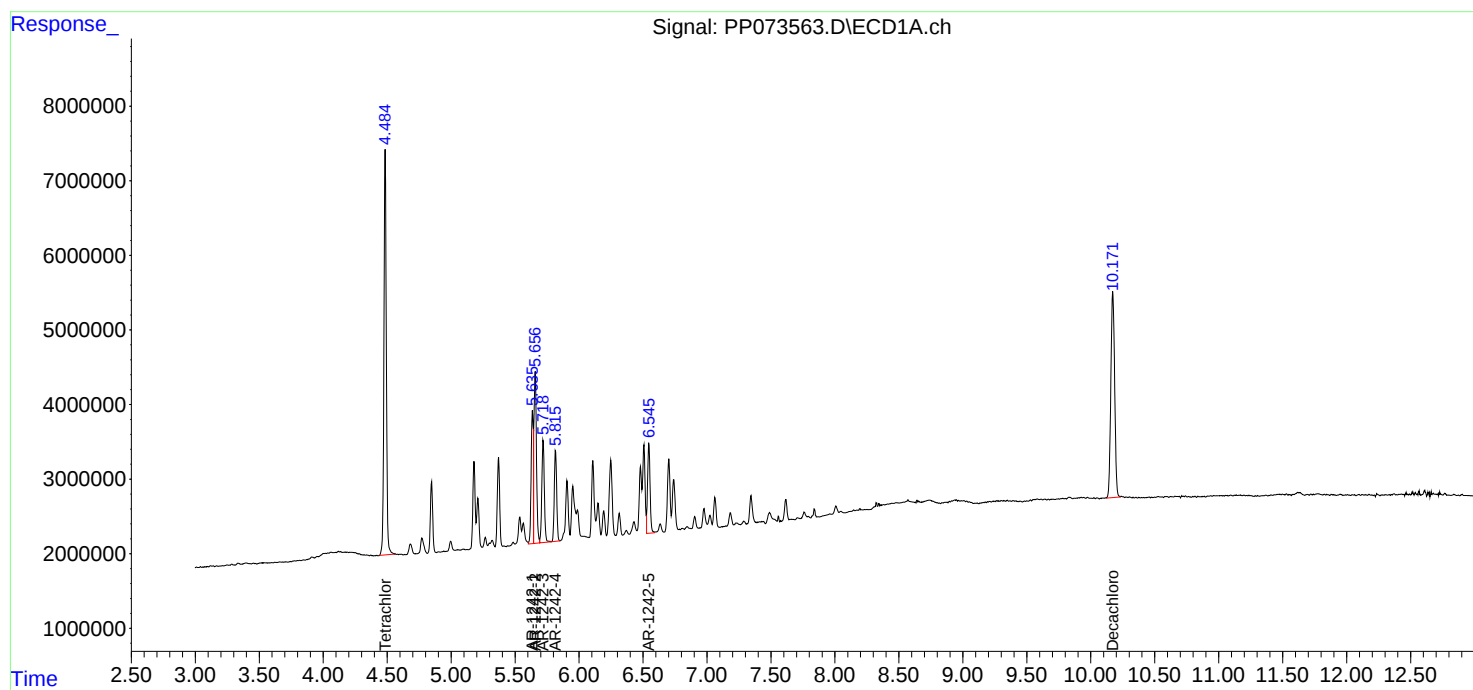
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	35973232	49943783	25.205	26.377
2) SA Decachlor...	10.176	8.781	28867365	35186918	25.222	26.006
Target Compounds						
16) L4 AR-1242-1	5.638	4.857	10586937	15530210	259.713	257.381
17) L4 AR-1242-2	5.660	4.875	16251959	22939126	257.419	257.953
18) L4 AR-1242-3	5.722	5.051	9827935	12210872	258.174	256.639
19) L4 AR-1242-4	5.819	5.135	8068875	11715170	254.229	259.662
20) L4 AR-1242-5	6.550	5.656	8772262	14646179	263.011	256.647

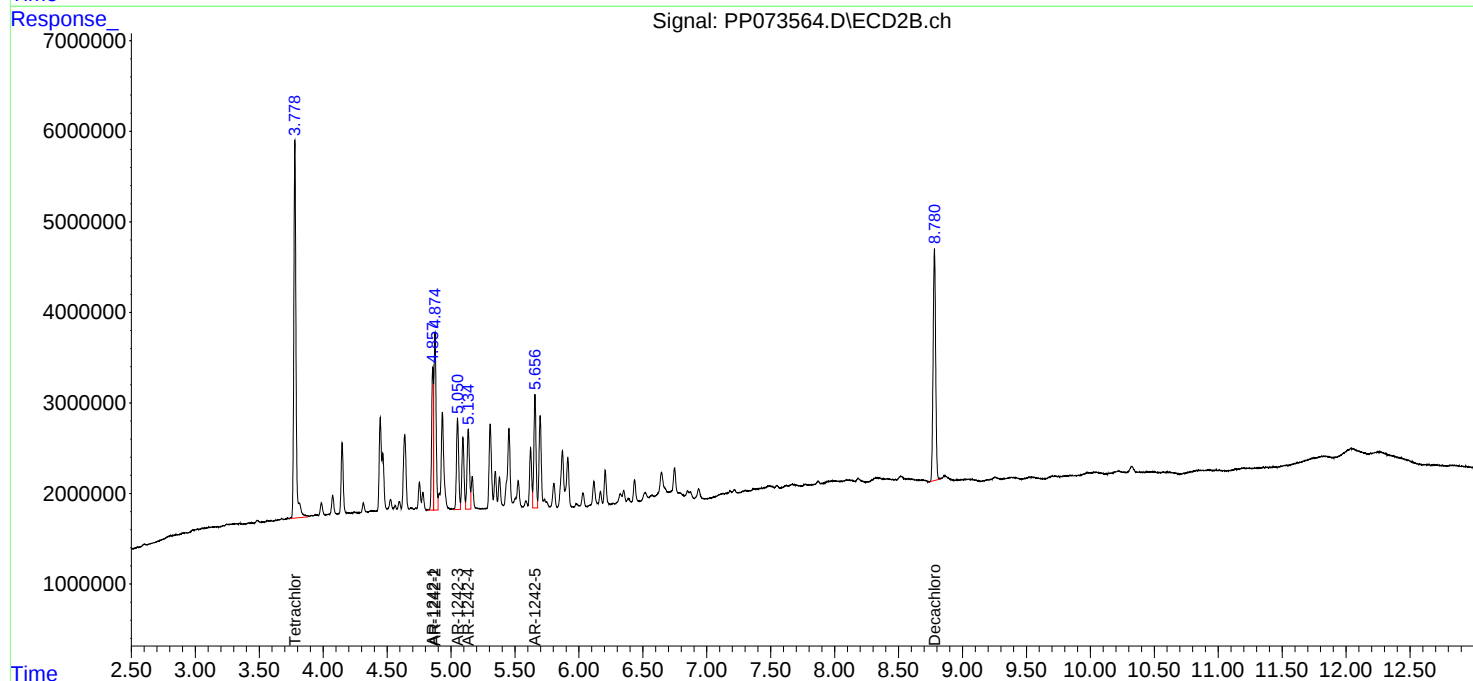
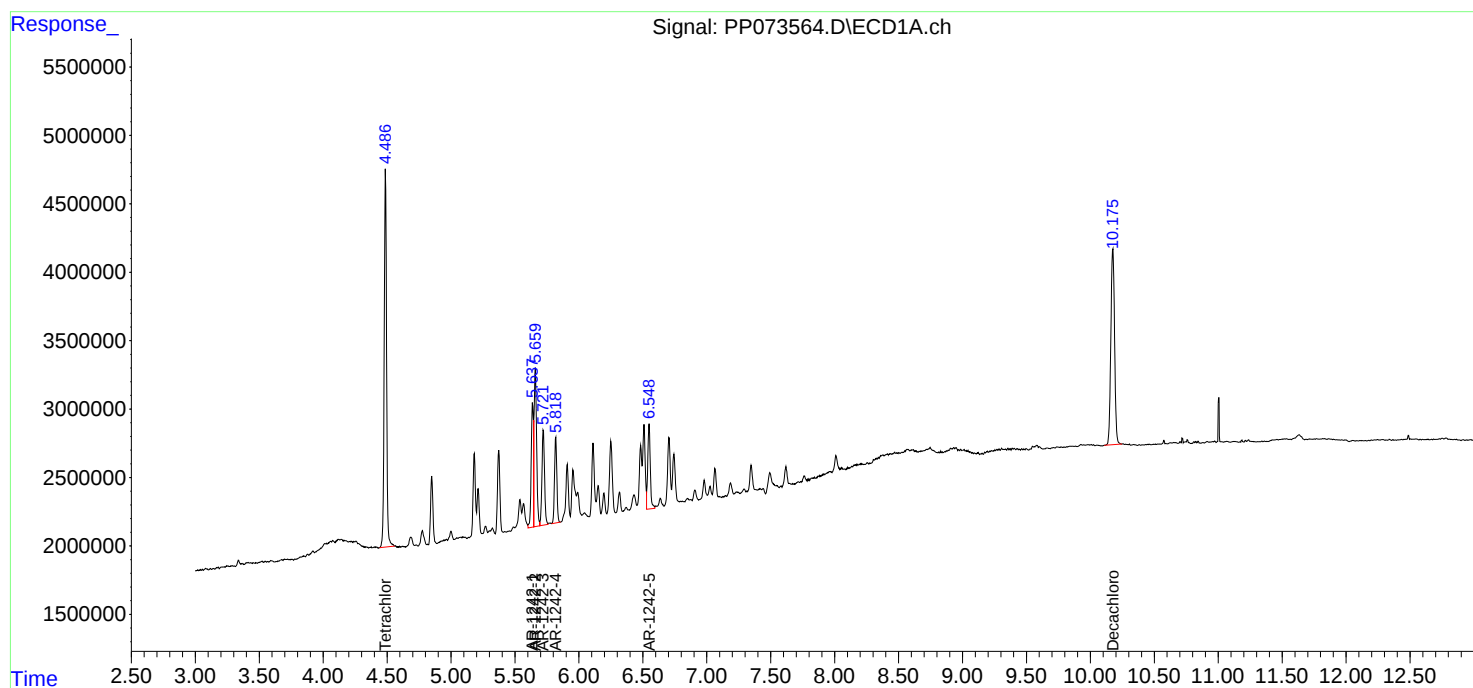
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.779	6312847	8330986	4.423	4.400
2) SA Decachlor...	10.173	8.780	4963140	5974096	4.336	4.415
Target Compounds						
16) L4 AR-1242-1	5.636	4.857	1573661	2804106	38.604m	46.472
17) L4 AR-1242-2	5.657	4.875	2642334	4375880	41.853m	49.207
18) L4 AR-1242-3	5.720	5.052	1729292	2296207	45.427m	48.260
19) L4 AR-1242-4	5.818	5.136	1851147	2337623	58.325	51.812
20) L4 AR-1242-5	6.546	5.657	1593566	2688857	47.778m	47.117

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

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

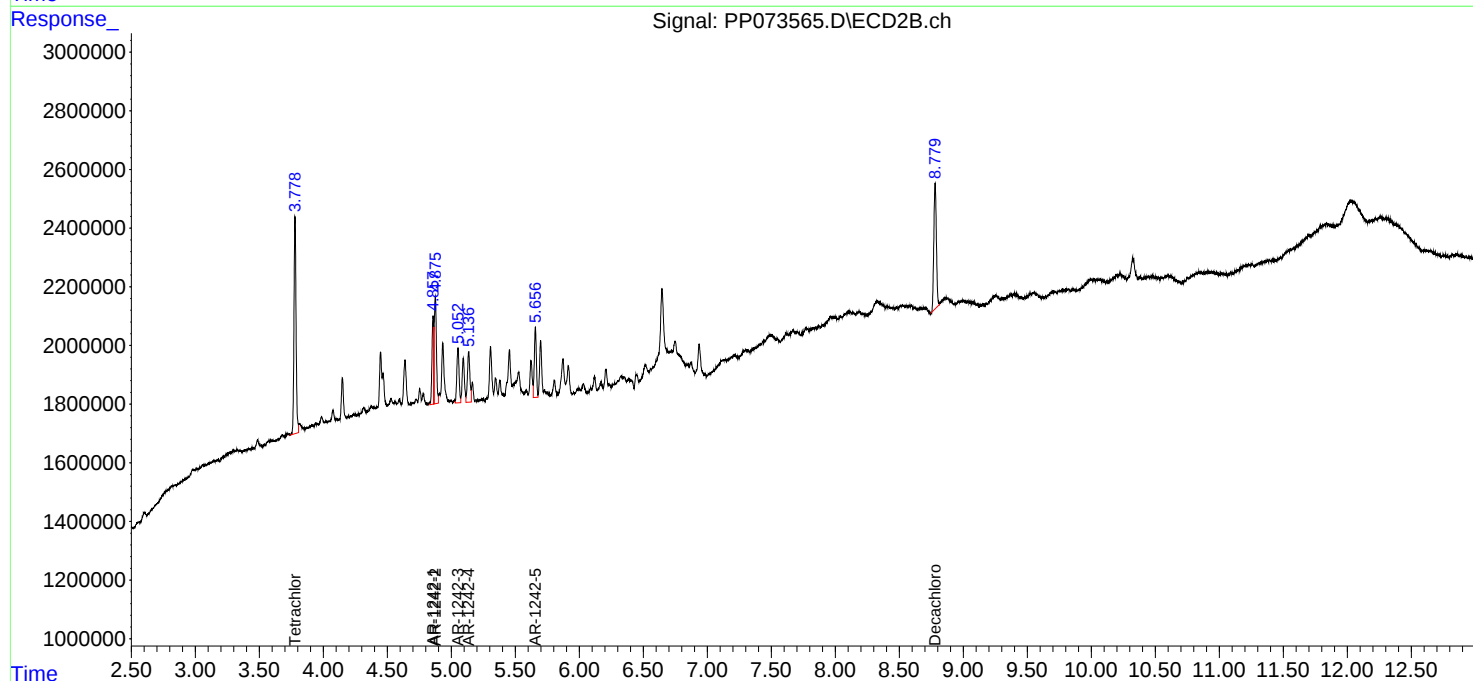
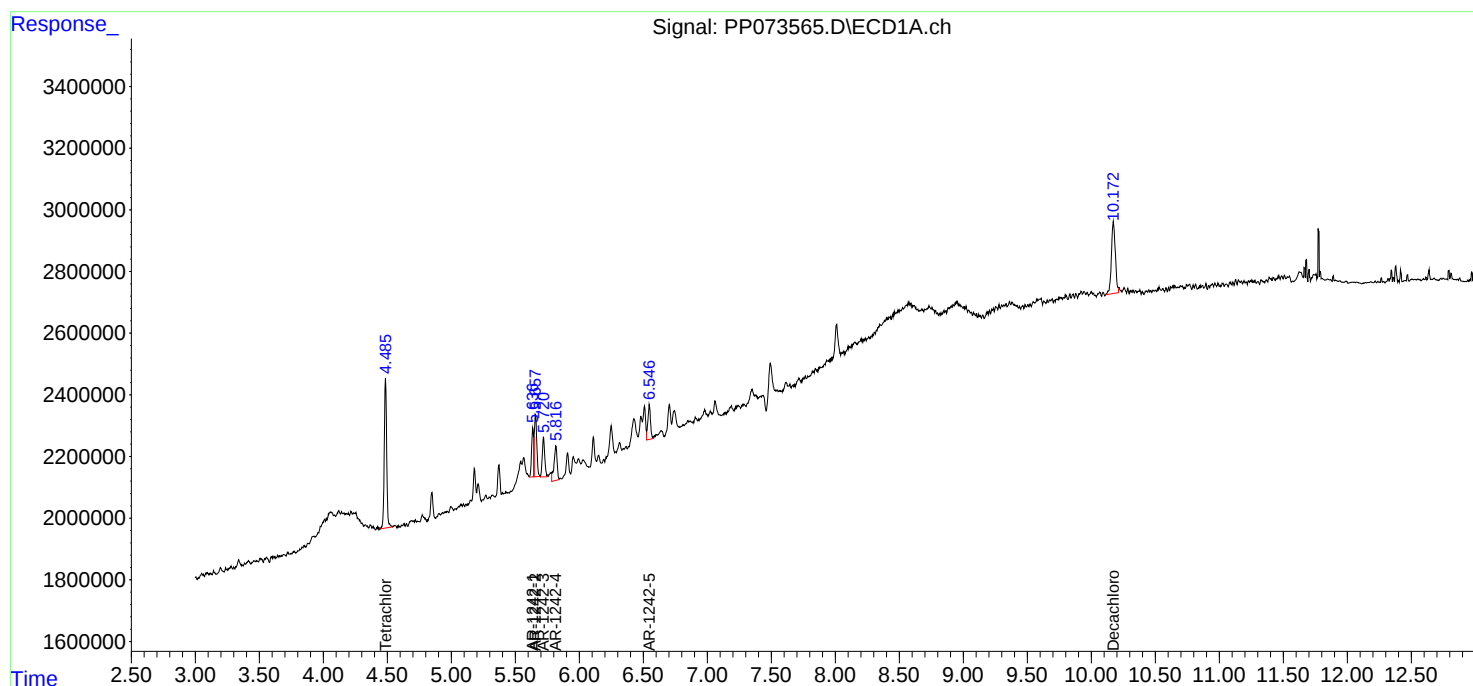
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	132.2E6	185.5E6	93.396	97.125
2) SA Decachlor...	10.176	8.781	109.8E6	129.8E6	95.885	95.444
Target Compounds						
21) L5 AR-1248-1	5.639	4.857	29290065	41993150	931.027	929.349
22) L5 AR-1248-2	5.910	5.093	37625323	55737799	928.212	900.609
23) L5 AR-1248-3	6.112	5.136	43927993	58429721	953.396	907.187
24) L5 AR-1248-4	6.510	5.307	53376796	68661033	934.019	911.732
25) L5 AR-1248-5	6.549	5.698	51803368	69725277	929.059	912.356

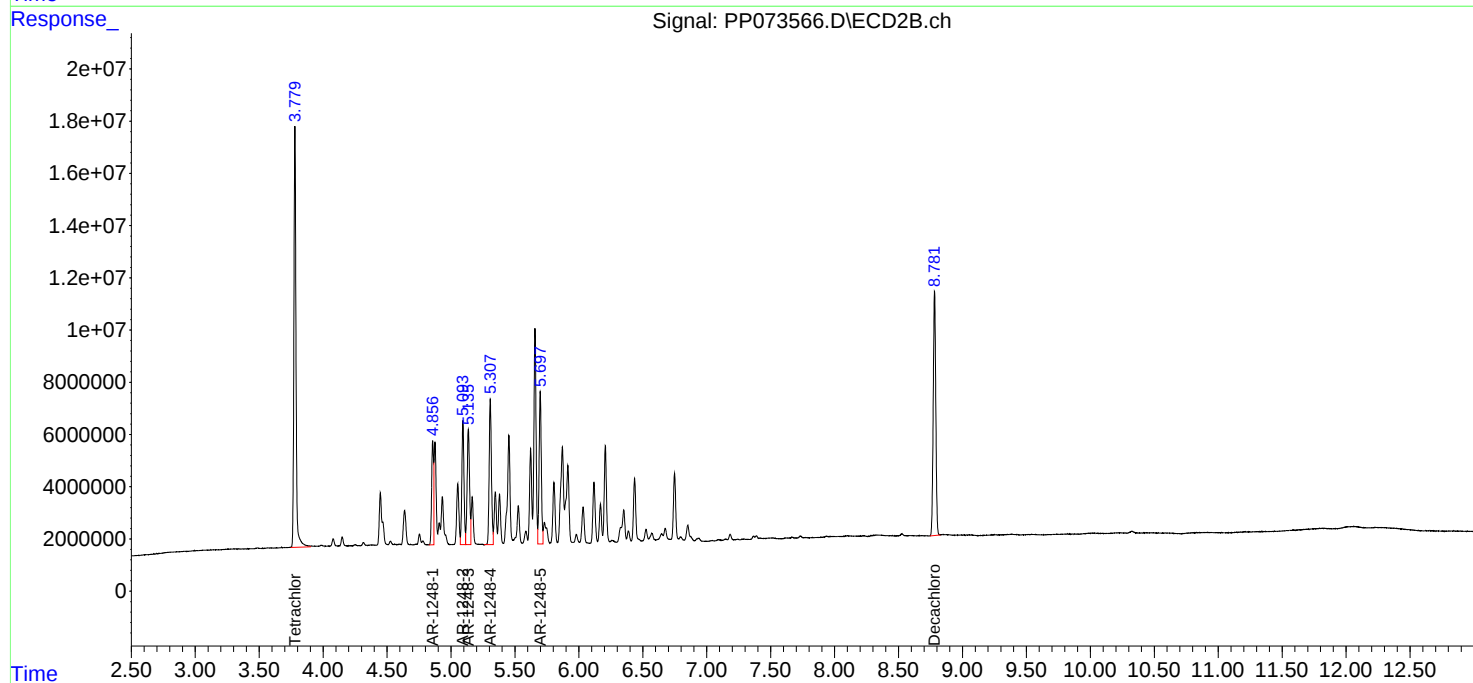
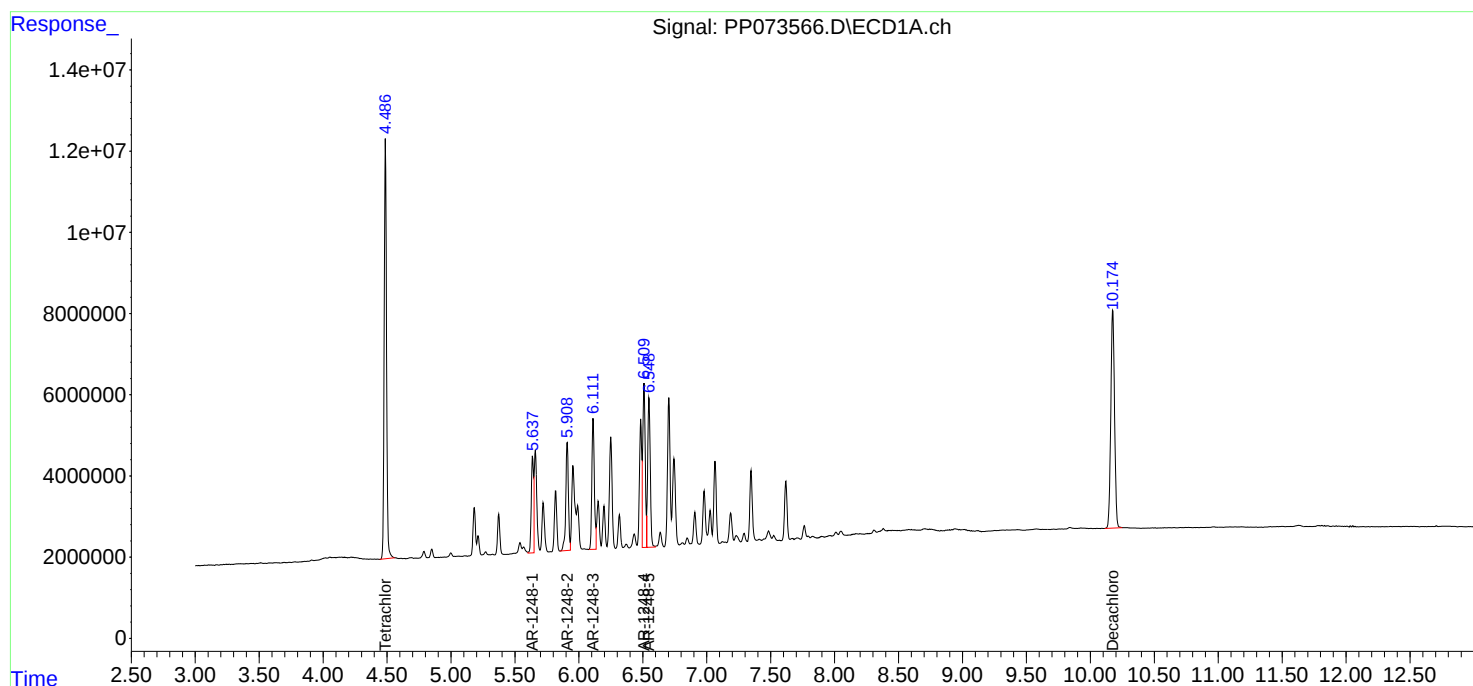
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

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

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 00:35
 Operator : YP\AJ
 Sample : 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 08 02:21:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.779	102.8E6	139.9E6	72.663	73.239
2) SA Decachlor...	10.178	8.781	84981366	104.5E6	74.210	76.789
Target Compounds						
21) L5 AR-1248-1	5.639	4.858	22755547	32692852	723.318	723.525
22) L5 AR-1248-2	5.911	5.094	29802657	43939758	735.228	709.977
23) L5 AR-1248-3	6.113	5.135	34385217	45992259	746.283	714.081
24) L5 AR-1248-4	6.511	5.307	41943849	54019844	733.958	717.315
25) L5 AR-1248-5	6.551	5.698	40278207	54907819	722.363	718.469

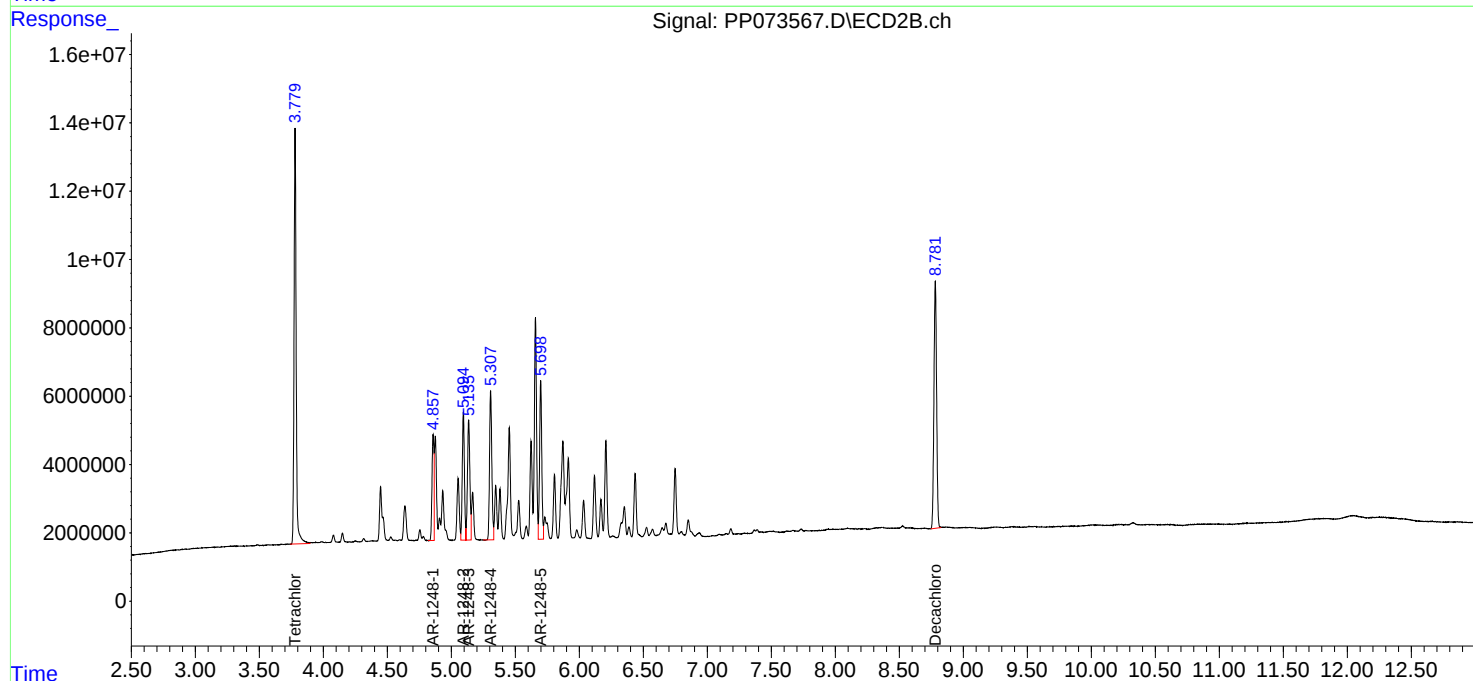
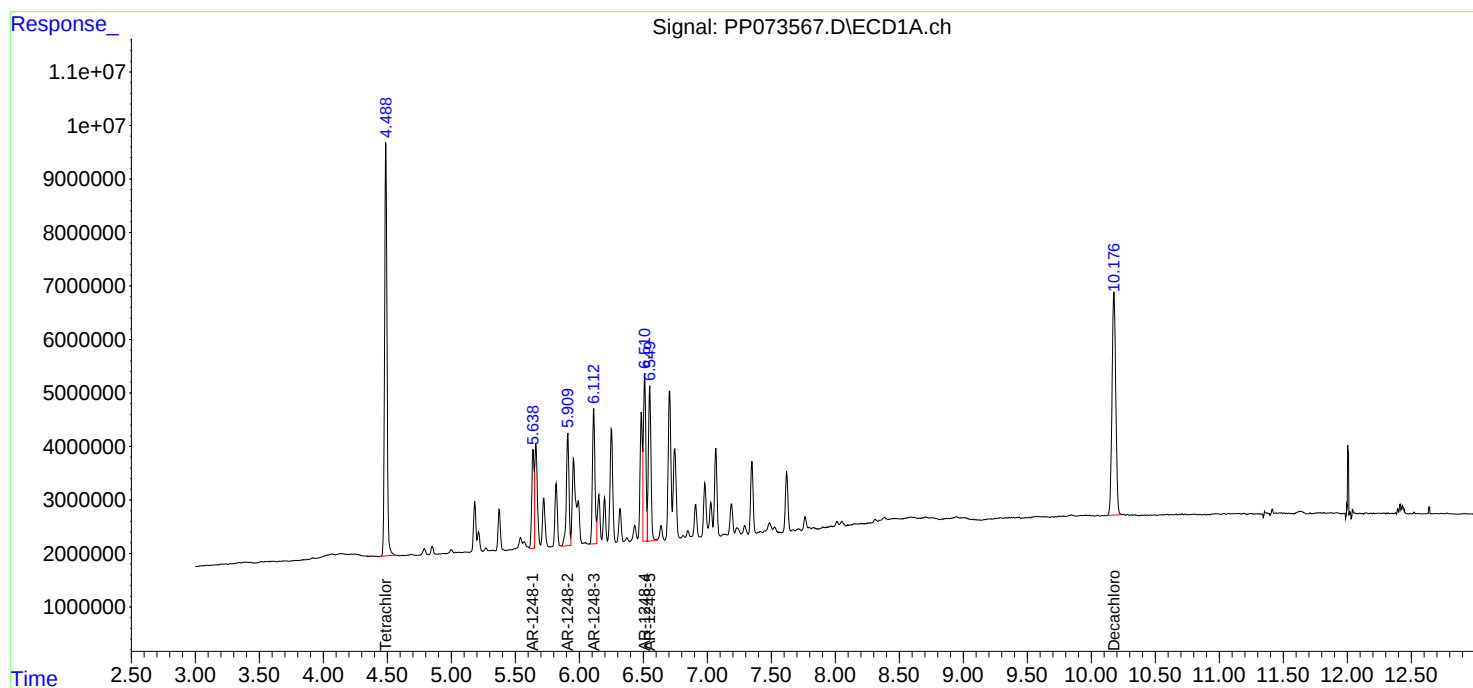
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : 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 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.779	70771652	95520830	50.000	50.000
2) SA Decachlor...	10.174	8.781	57257196	68017781	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.637	4.857	15729968	22592772	500.000	500.000
22) L5 AR-1248-2	5.907	5.094	20267627	30944510	500.000	500.000
23) L5 AR-1248-3	6.110	5.136	23037645	32203795	500.000	500.000
24) L5 AR-1248-4	6.509	5.307	28573723	37654186	500.000	500.000
25) L5 AR-1248-5	6.547	5.698	27879471	38211657	500.000	500.000

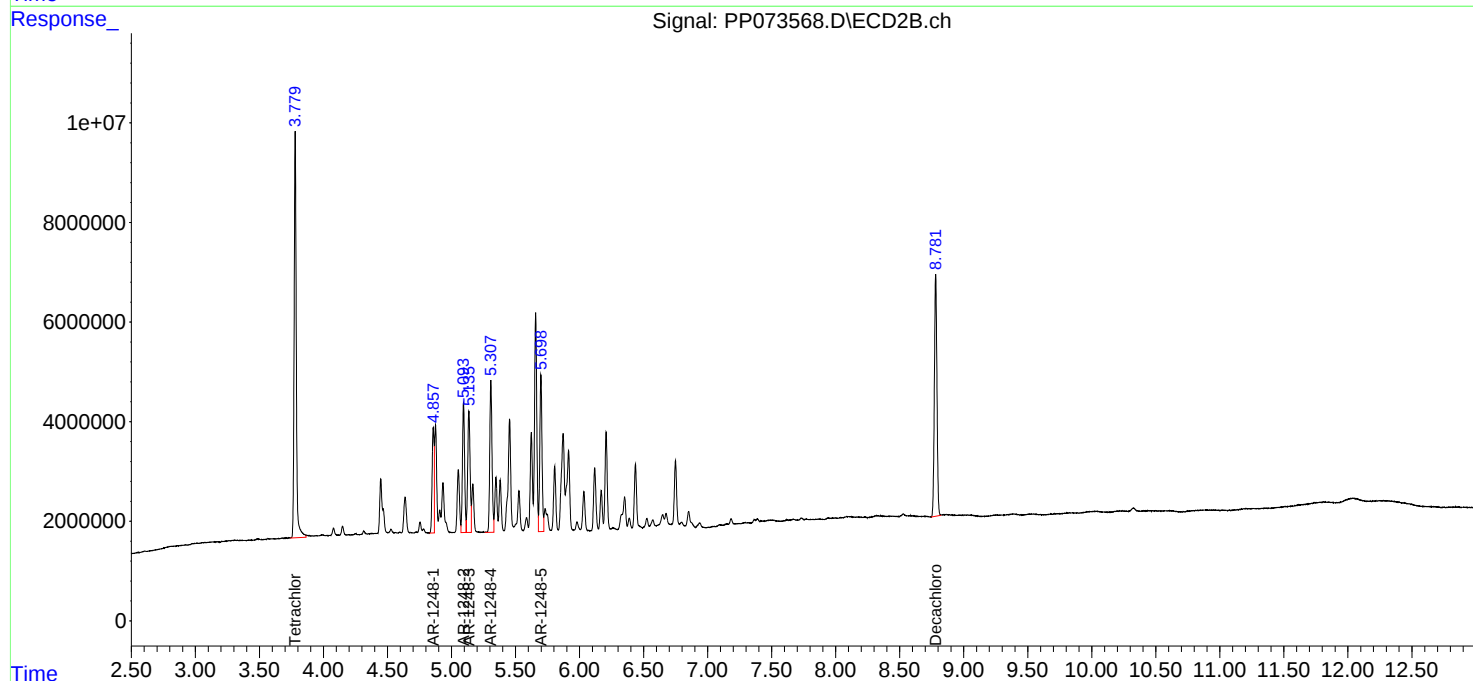
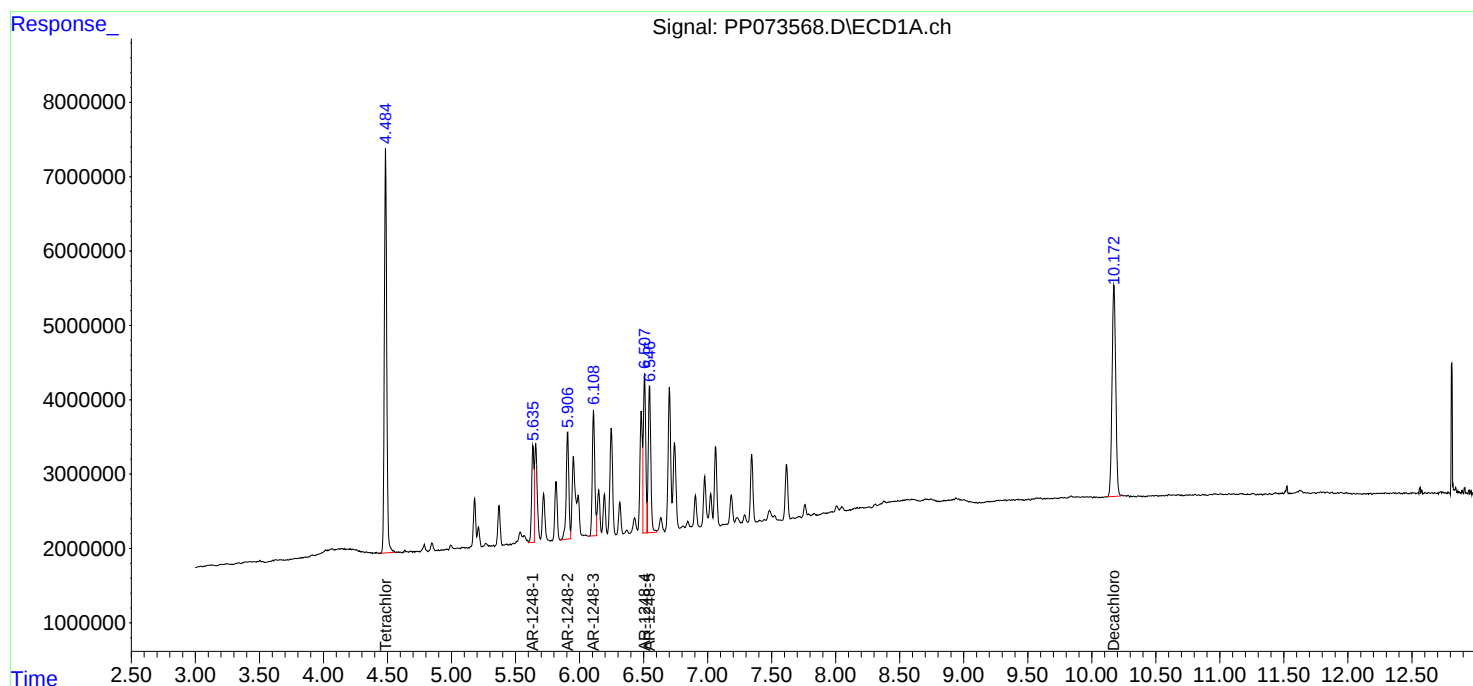
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.779	36421864	49176634	25.732	25.741
2) SA Decachlor...	10.178	8.780	29322870	36021021	25.606	26.479
Target Compounds						
21) L5 AR-1248-1	5.640	4.857	8580276	12460998	272.737	275.774
22) L5 AR-1248-2	5.912	5.093	11018738	16676734	271.831	269.462
23) L5 AR-1248-3	6.114	5.136	12142276	17367378	263.531	269.648
24) L5 AR-1248-4	6.513	5.307	14943654	20433630	261.493	271.333
25) L5 AR-1248-5	6.552	5.698	14485646	20424181	259.791	267.251

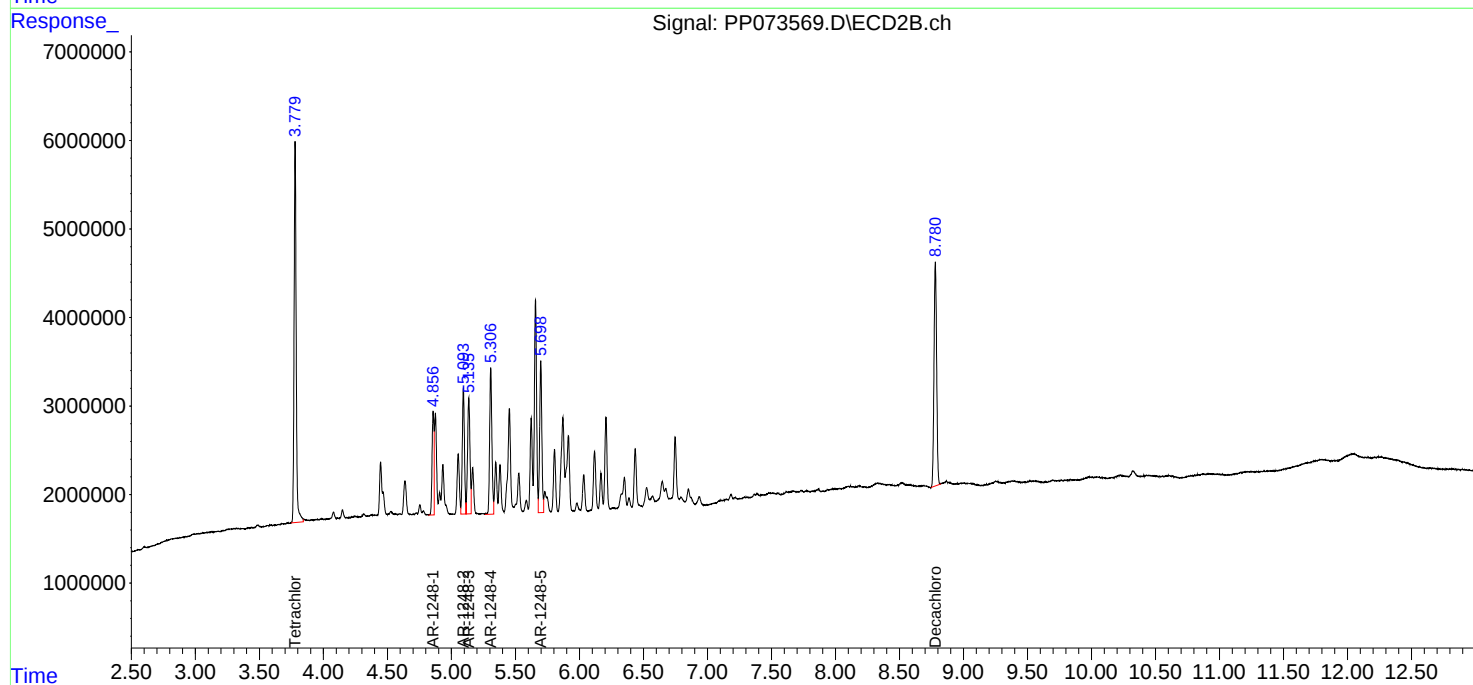
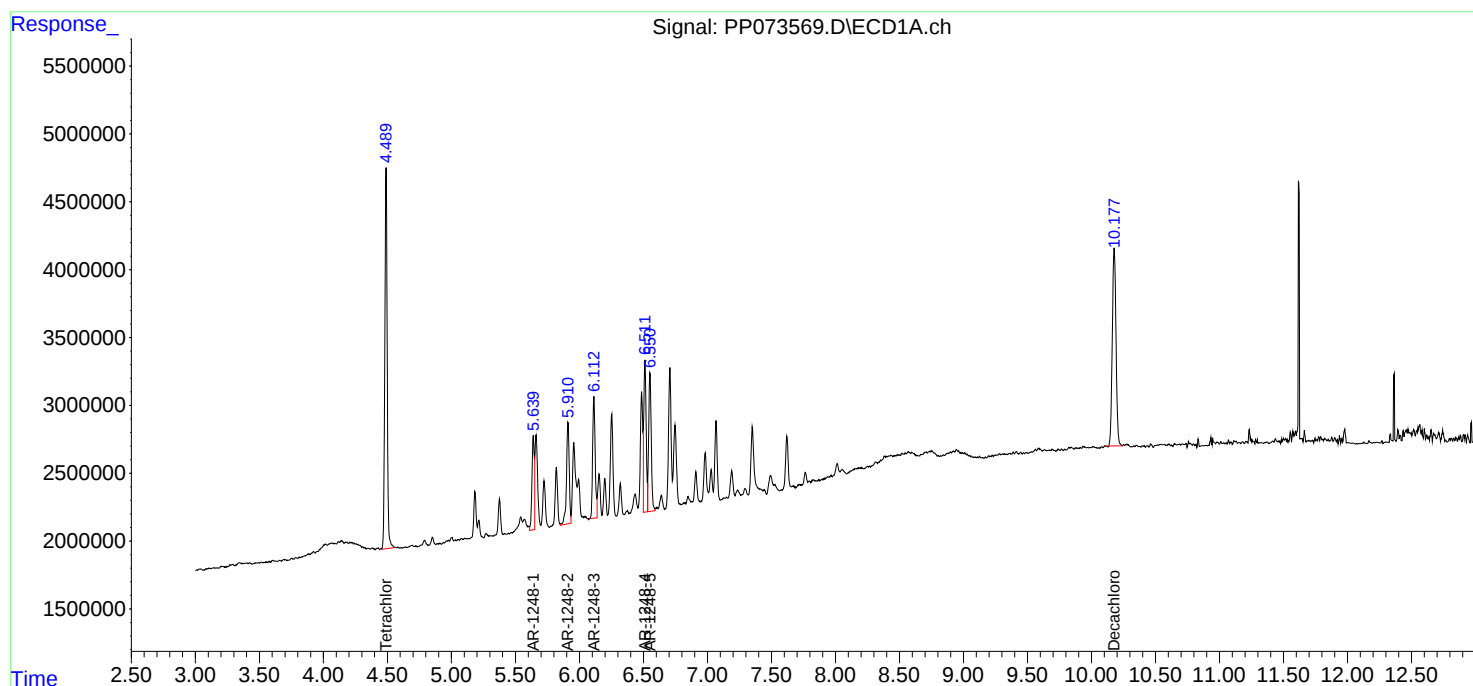
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.779	6203851	8373290	4.383	4.383
2) SA Decachlor...	10.173	8.780	4448332	5794229	3.885	4.259
Target Compounds						
21) L5 AR-1248-1	5.634	4.857	1447041	2193065	45.996m	48.535
22) L5 AR-1248-2	5.906	5.093	1882218	3238127	46.434	52.322
23) L5 AR-1248-3	6.108	5.135	1881440	3334641	40.834	51.774 #
24) L5 AR-1248-4	6.506	5.307	2458929	3957834	43.028m	52.555
25) L5 AR-1248-5	6.545	5.698	2487202	3594939	44.606m	47.040

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

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

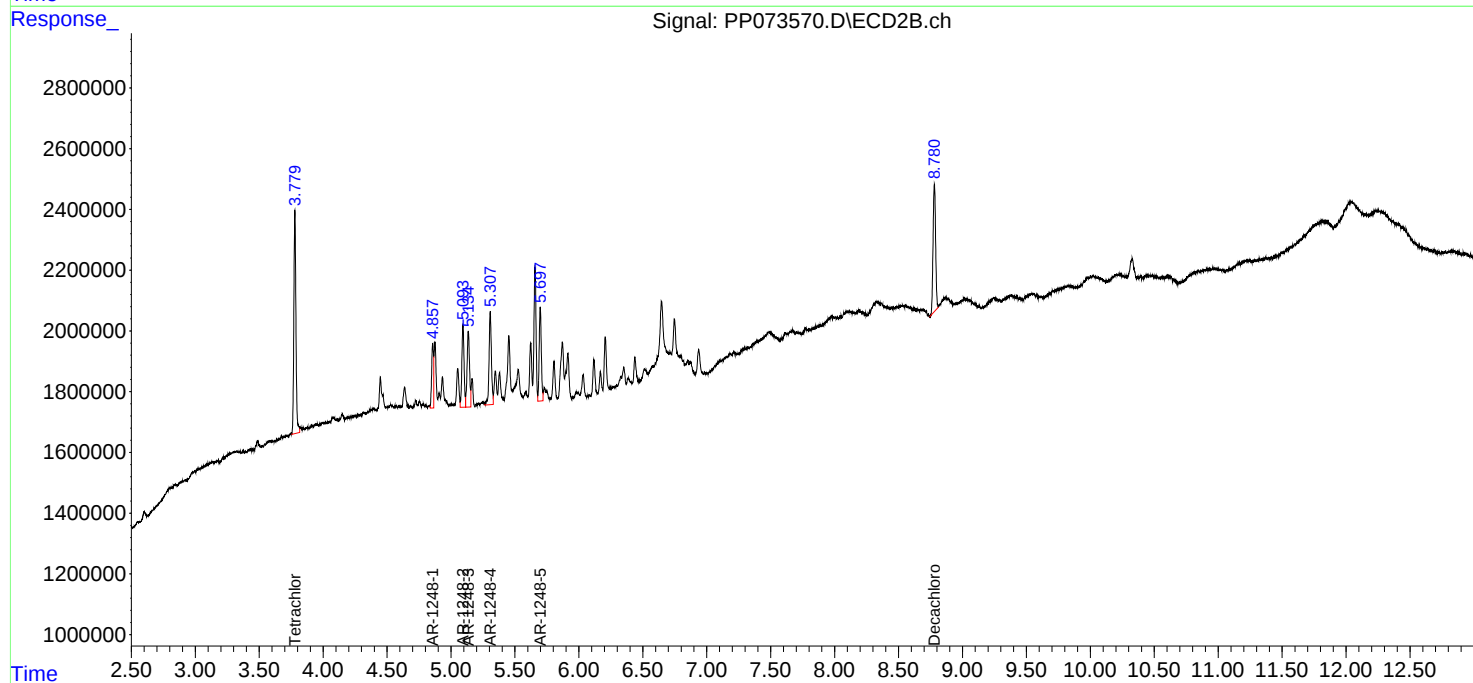
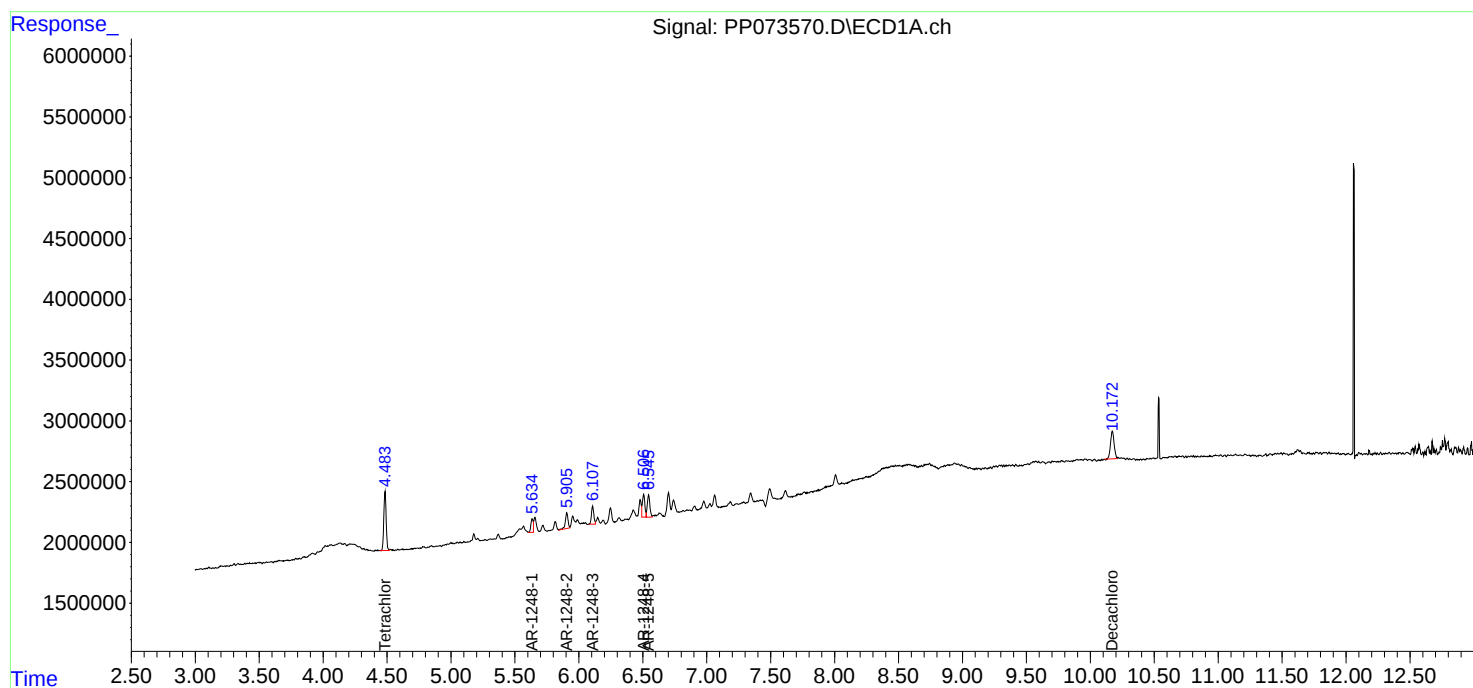
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.780	135.2E6	181.0E6	96.465	95.662
2) SA Decachlor...	10.177	8.782	110.7E6	134.8E6	96.695	98.240
Target Compounds						
26) L6 AR-1254-1	6.487	5.658	50900598	105.4E6	921.959	938.043
27) L6 AR-1254-2	6.703	5.806	77237012	90612135	935.764	943.093
28) L6 AR-1254-3	7.066	6.207	83677544	142.5E6	945.590	936.990
29) L6 AR-1254-4	7.348	6.436	74438148	86996505	935.246	922.052
30) L6 AR-1254-5	7.764	6.851	71888659	123.6E6	963.395	945.380

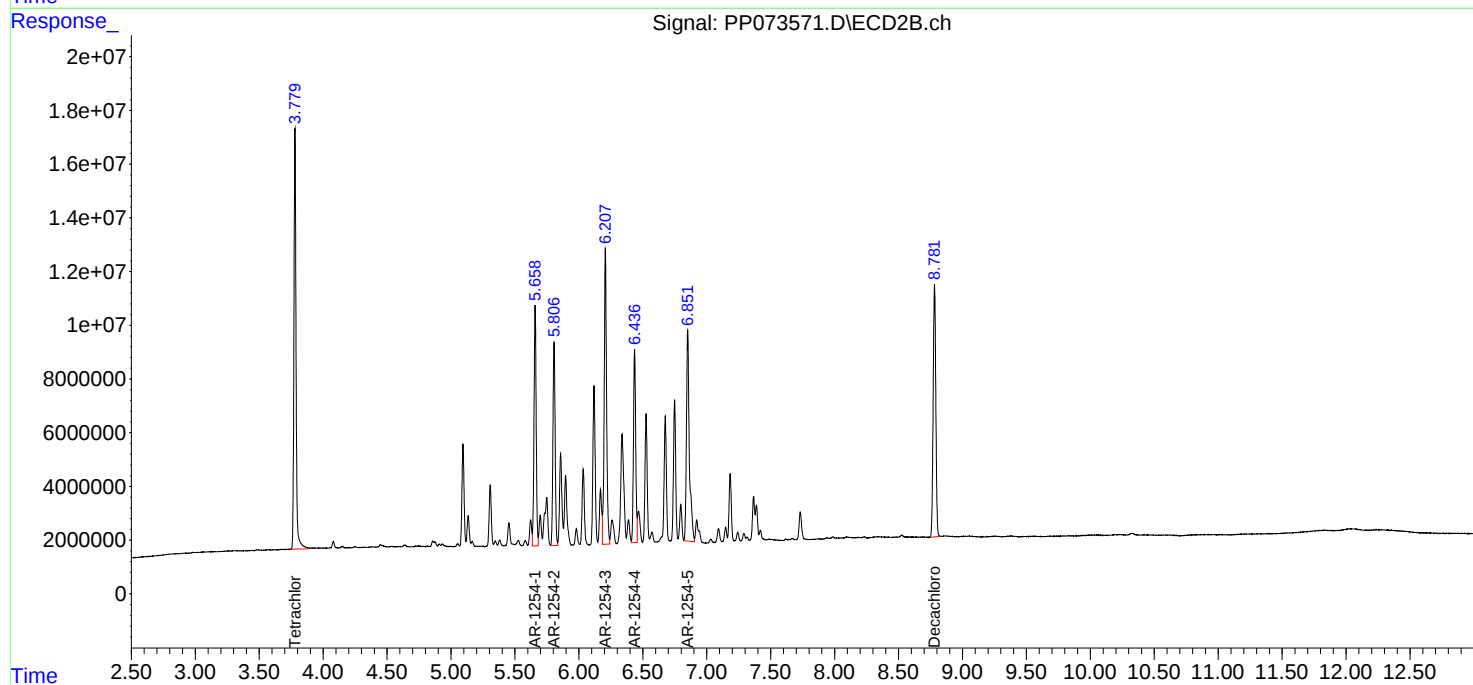
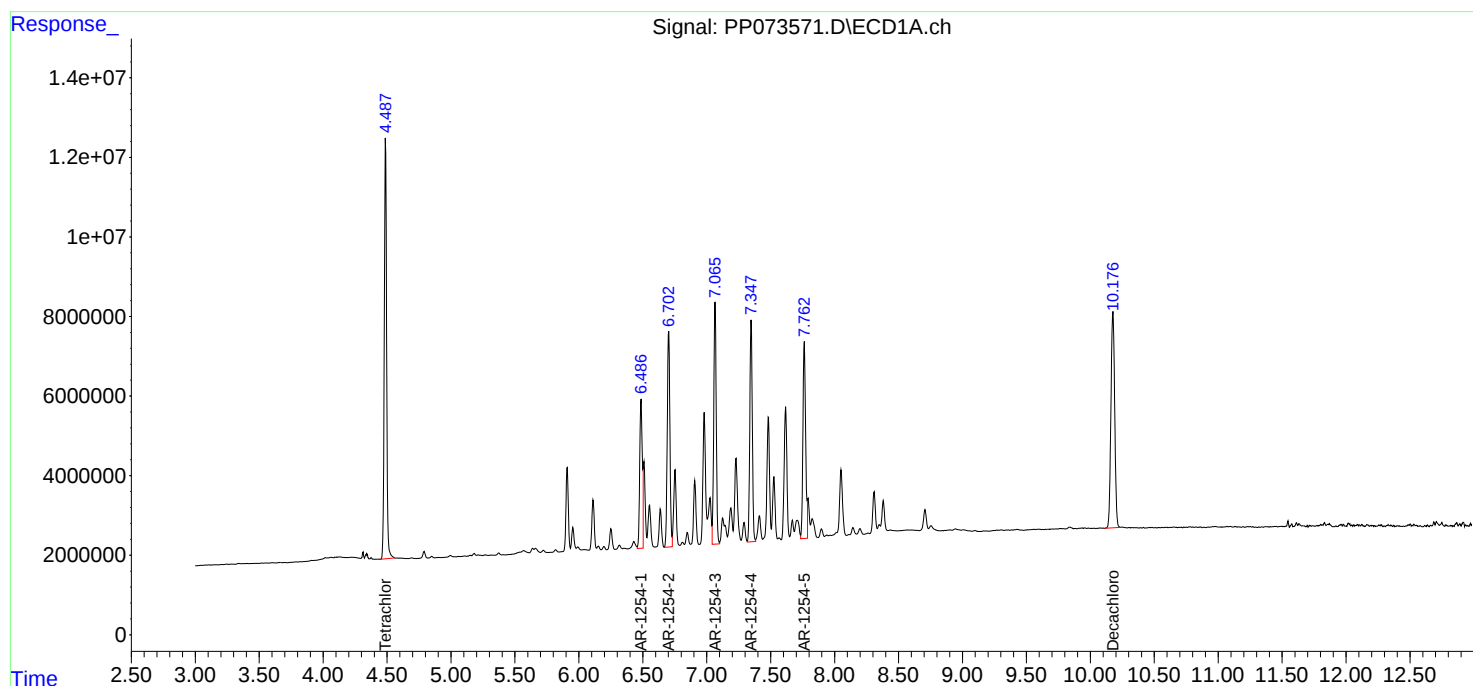
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	104.7E6	146.2E6	74.706	77.291
2) SA Decachlor...	10.175	8.780	84962440	104.9E6	74.184	76.426
Target Compounds						
26) L6 AR-1254-1	6.486	5.657	39869819	83773101	722.159	745.818
27) L6 AR-1254-2	6.702	5.805	60389680	72154275	731.651	750.983
28) L6 AR-1254-3	7.066	6.207	64508177	114.2E6	728.969	750.593
29) L6 AR-1254-4	7.348	6.435	57167227	70426326	718.253	746.429
30) L6 AR-1254-5	7.764	6.851	55929557	98283712	749.524	751.764

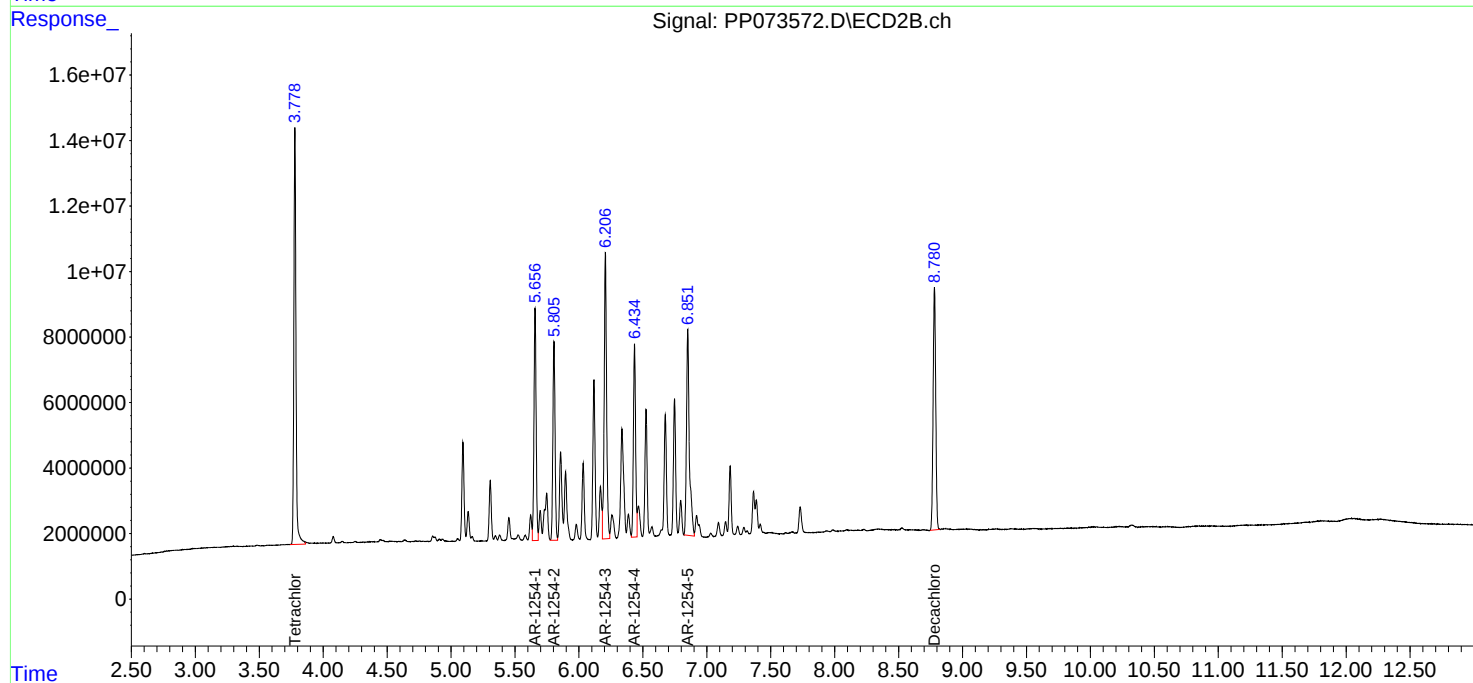
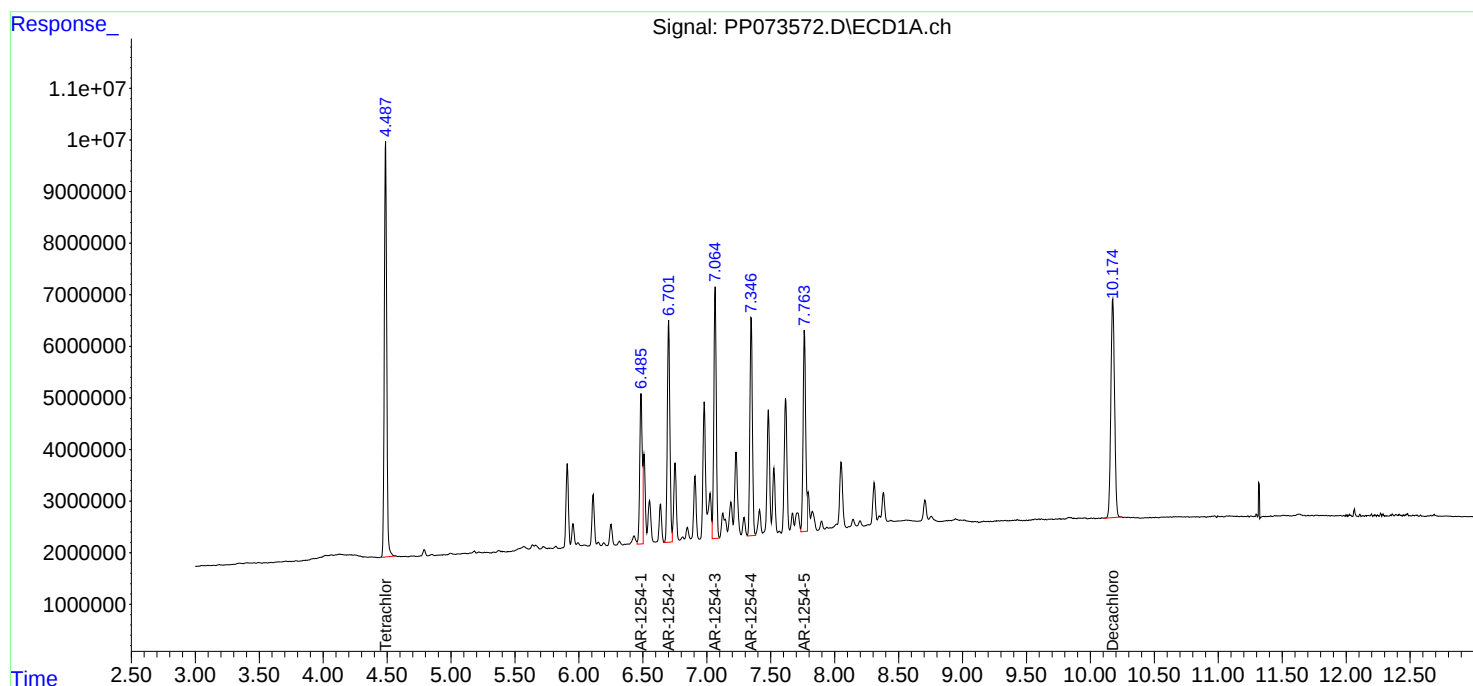
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.780	70057774	94600770	50.000	50.000
2) SA Decachlor...	10.174	8.781	57264429	68616932	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.485	5.658	27604602	56161903	500.000	500.000
27) L6 AR-1254-2	6.701	5.807	41269473	48039880	500.000	500.000
28) L6 AR-1254-3	7.064	6.209	44246186	76049574	500.000	500.000
29) L6 AR-1254-4	7.346	6.436	39796020	47175510	500.000	500.000
30) L6 AR-1254-5	7.762	6.853	37310051	65368722	500.000	500.000

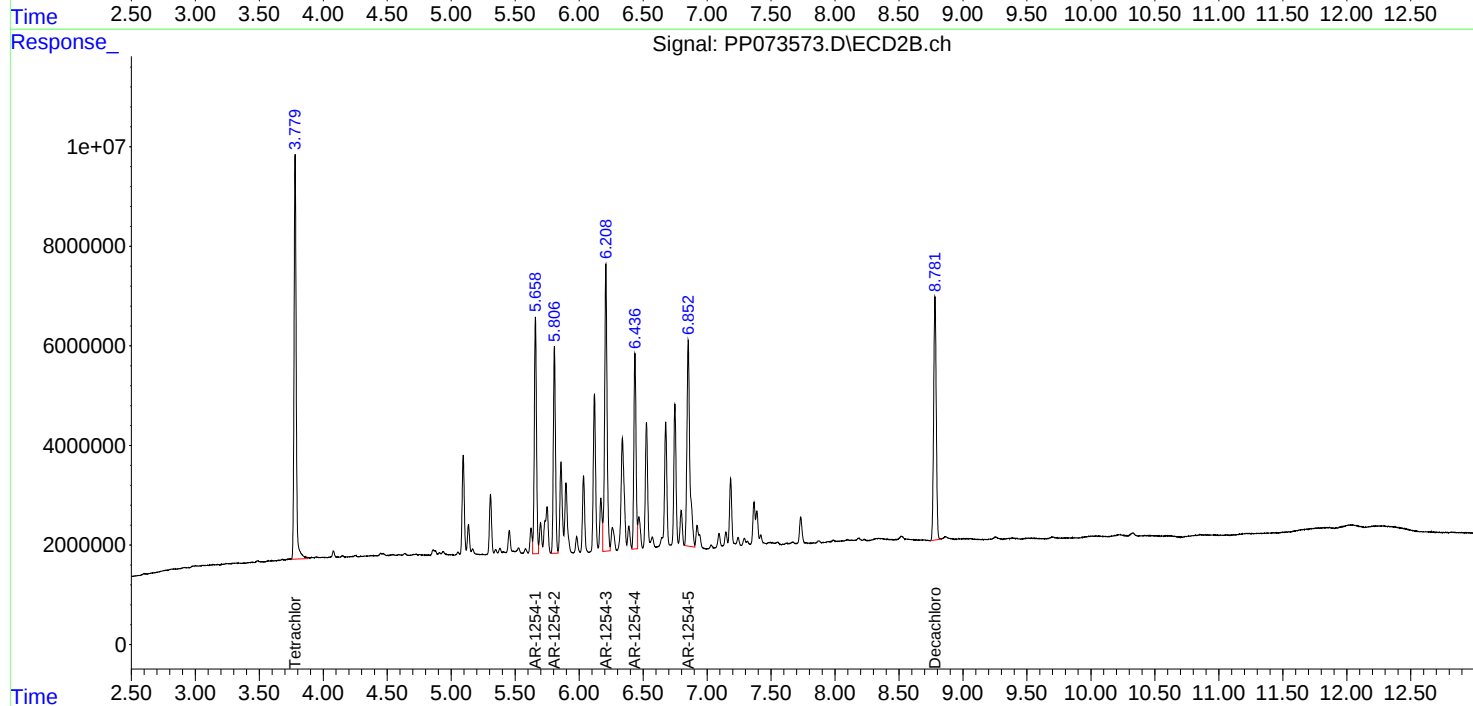
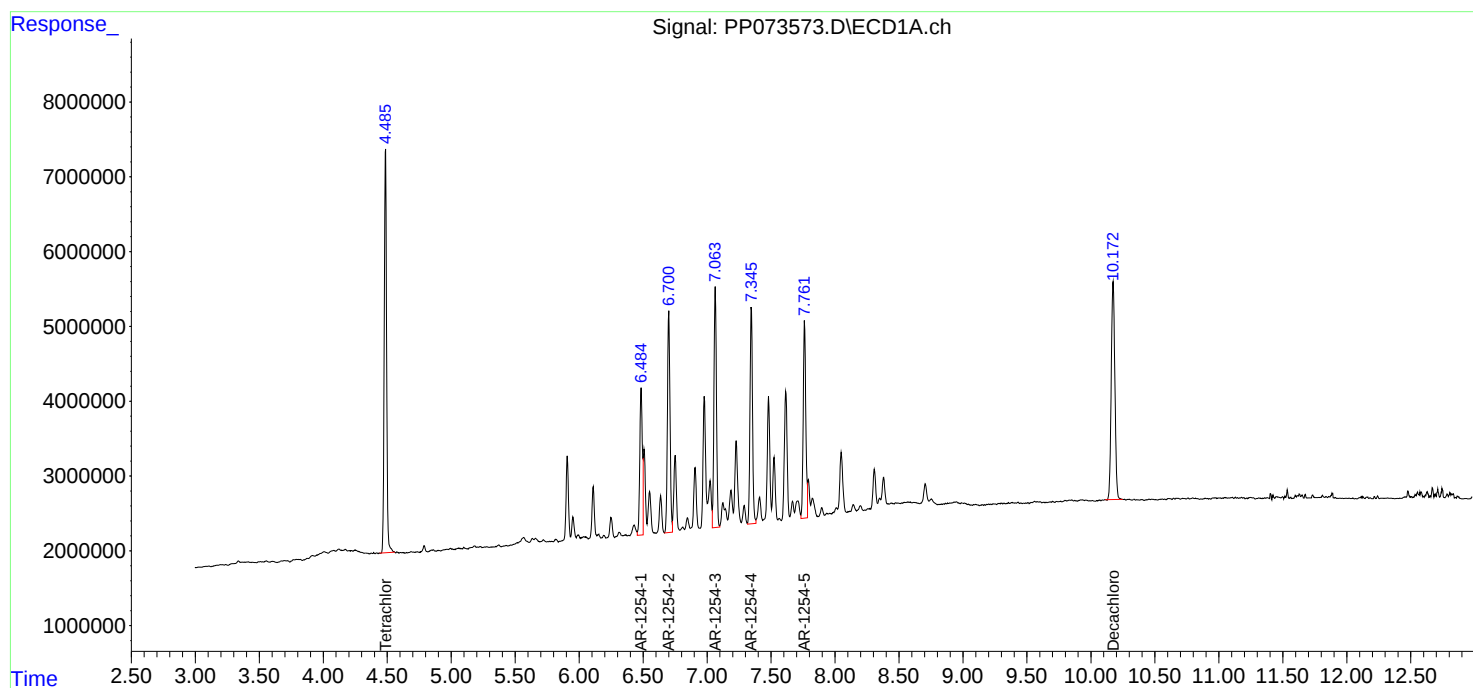
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.779	36639041	48313312	26.149	25.535
2) SA Decachlor...	10.176	8.780	28626907	37692438	24.995	27.466
Target Compounds						
26) L6 AR-1254-1	6.484	5.657	14279096	30427905	258.636	270.895
27) L6 AR-1254-2	6.701	5.805	21587177	26282271	261.539	273.546
28) L6 AR-1254-3	7.064	6.207	23018010	40529659	260.113	266.469
29) L6 AR-1254-4	7.346	6.435	20463711	25097390	257.108	266.000
30) L6 AR-1254-5	7.762	6.851	19086937	35261681	255.788	269.714

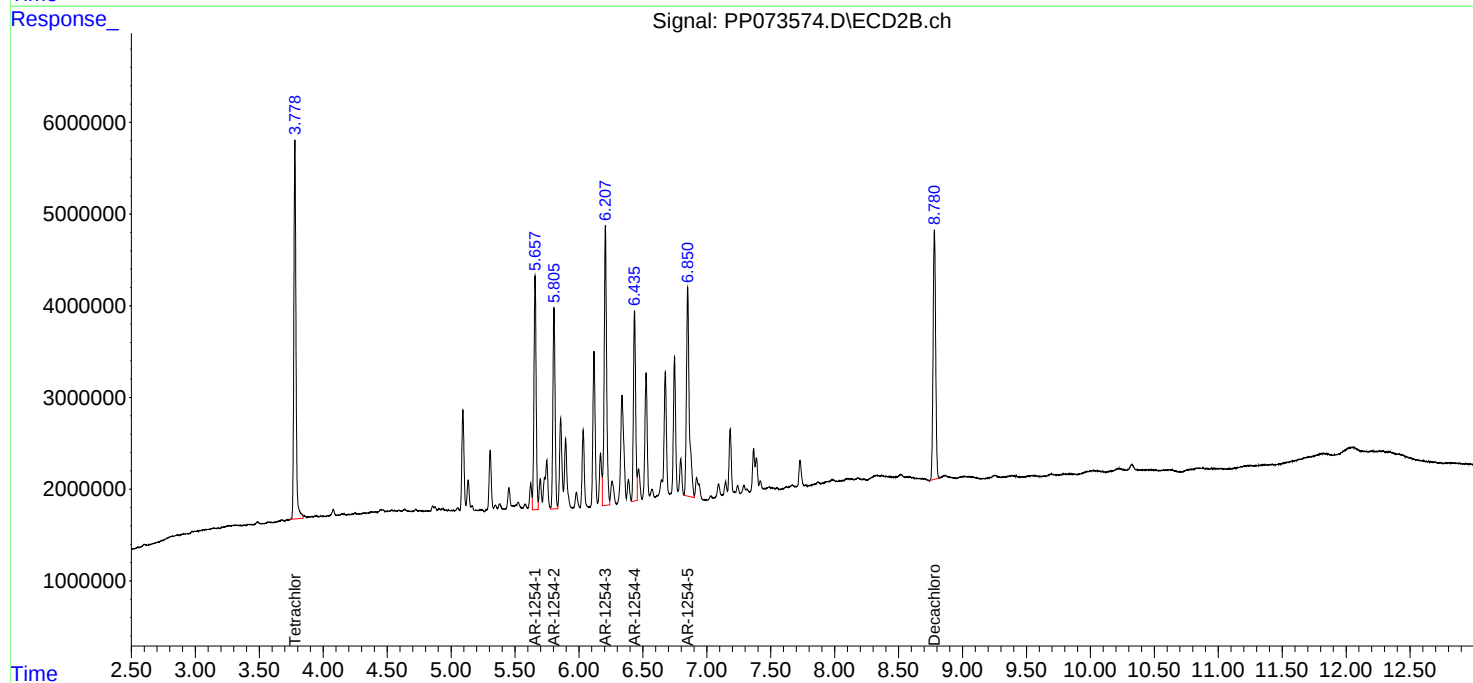
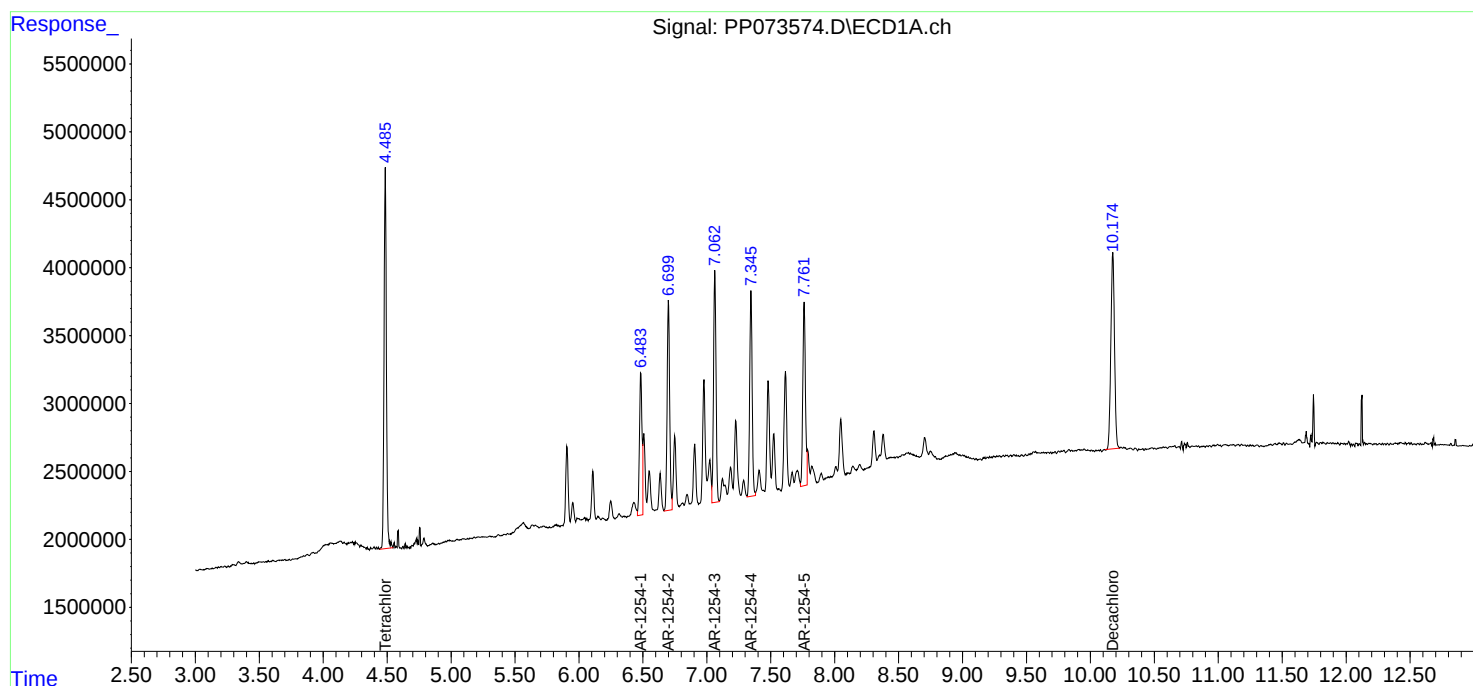
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	6938090	9721913	4.952	5.138
2) SA Decachlor...	10.178	8.780	5667149	6887289	4.948	5.019
Target Compounds						
26) L6 AR-1254-1	6.485	5.657	2578085	6452648	46.697m	57.447
27) L6 AR-1254-2	6.701	5.806	4490008	5754555	54.399m	59.894
28) L6 AR-1254-3	7.064	6.207	4570279	8163980	51.646m	53.675
29) L6 AR-1254-4	7.347	6.436	4061359	4857854	51.027m	51.487
30) L6 AR-1254-5	7.764	6.851	3548489	7039930	47.554	53.848

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

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

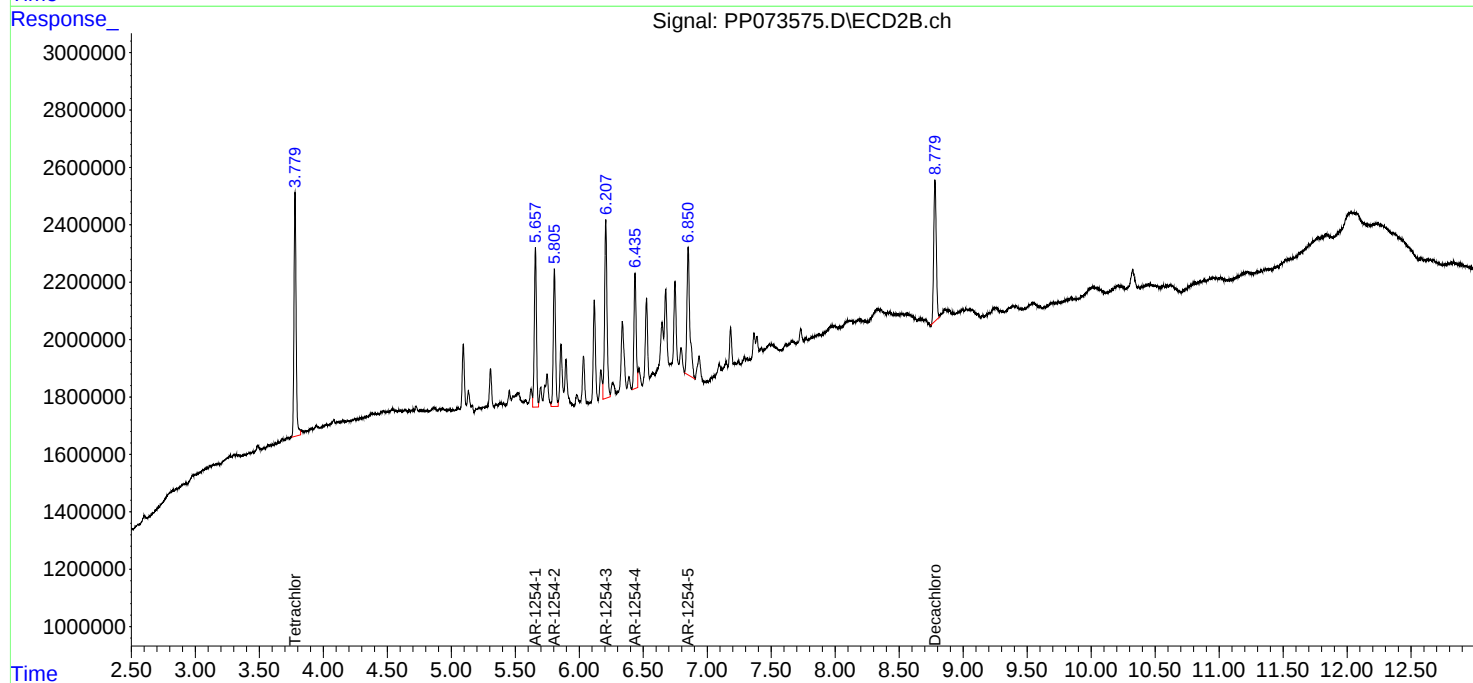
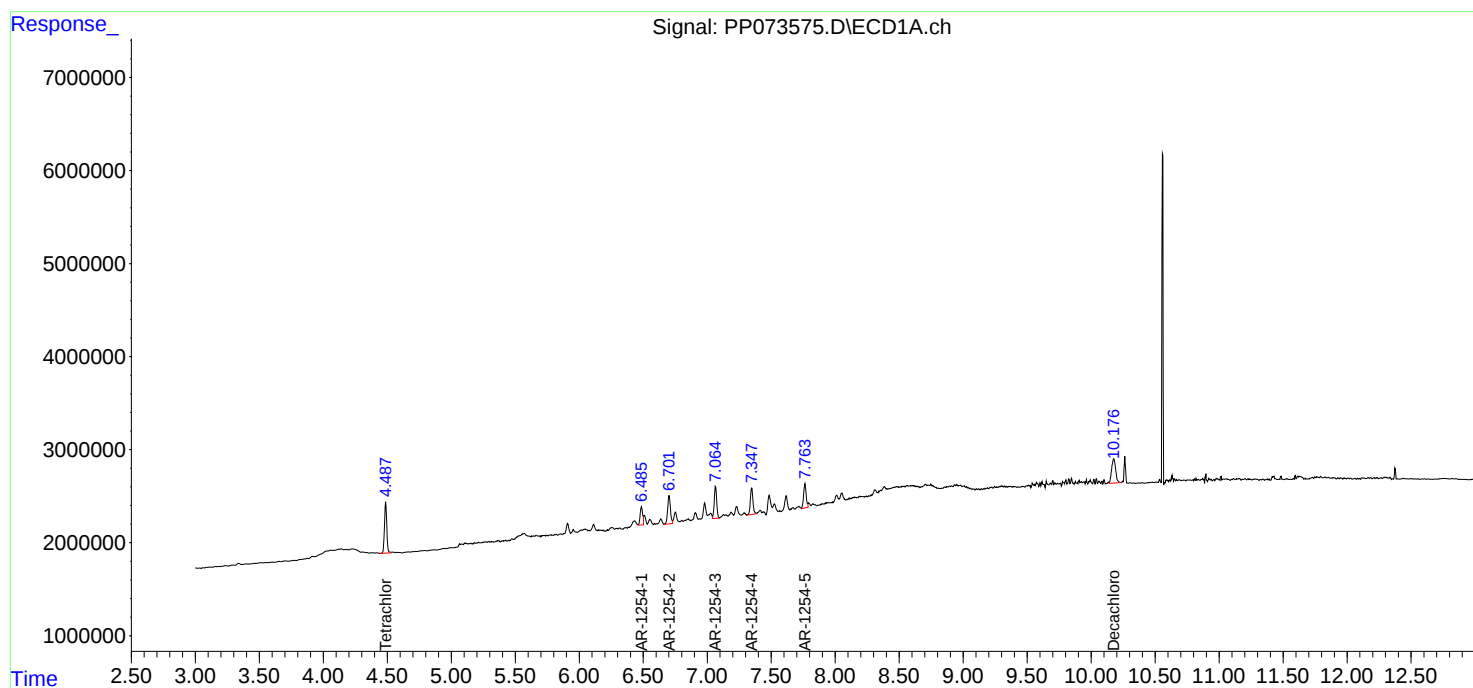
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	69434570	94417779	50.000	50.000
2) SA Decachlor...	10.177	8.781	57470872	69838496	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.065	6.889	43513643	73845842	500.000	500.000
37) L8 AR-1262-2	8.383	7.147	99013762	63914528	500.000	500.000
38) L8 AR-1262-3	8.697	7.669	62862521	57009497	500.000	500.000
39) L8 AR-1262-4	8.782	7.735	46631386	92024537	500.000	500.000
40) L8 AR-1262-5	9.432	8.231	31694688	42217822	500.000	500.000

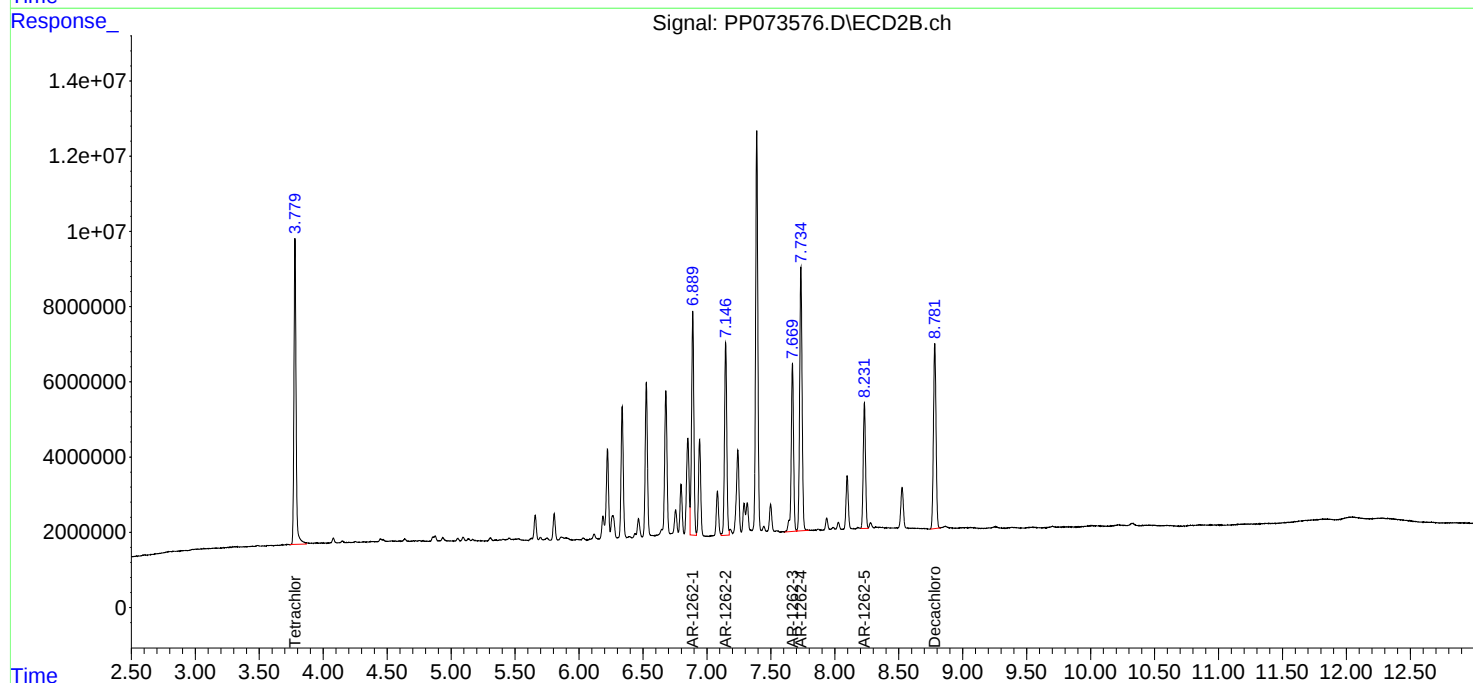
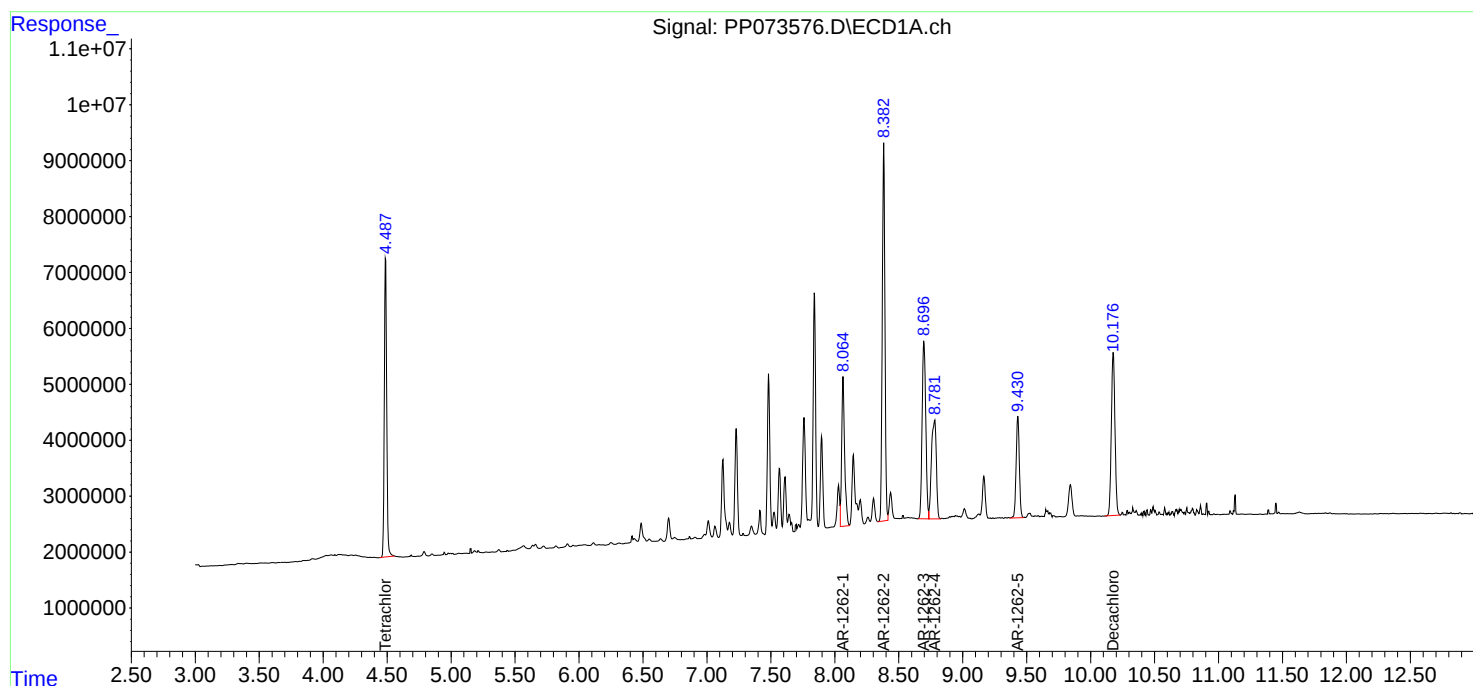
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.780	135.2E6	186.6E6	95.477	96.310
2) SA Decachlor...	10.175	8.780	197.8E6	239.6E6	96.151	94.525
Target Compounds						
41) L9 AR-1268-1	8.691	7.669	220.6E6	290.6E6	967.069	944.084
42) L9 AR-1268-2	8.784	7.736	188.8E6	254.1E6	971.974	949.819
43) L9 AR-1268-3	9.012	7.937	161.3E6	211.6E6	967.680	931.099
44) L9 AR-1268-4	9.428	8.231	68937885	89640321	991.083	941.420
45) L9 AR-1268-5	9.841	8.527	477.6E6	595.3E6	984.517	956.339

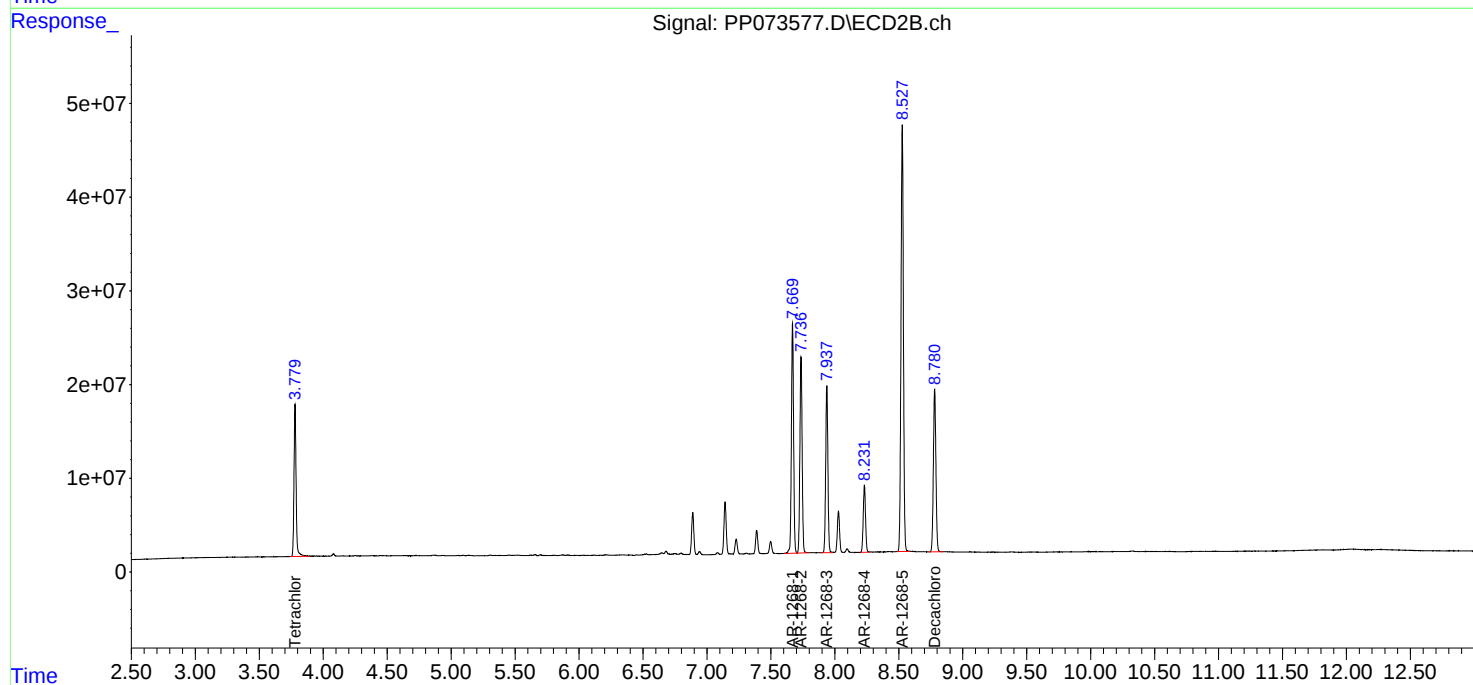
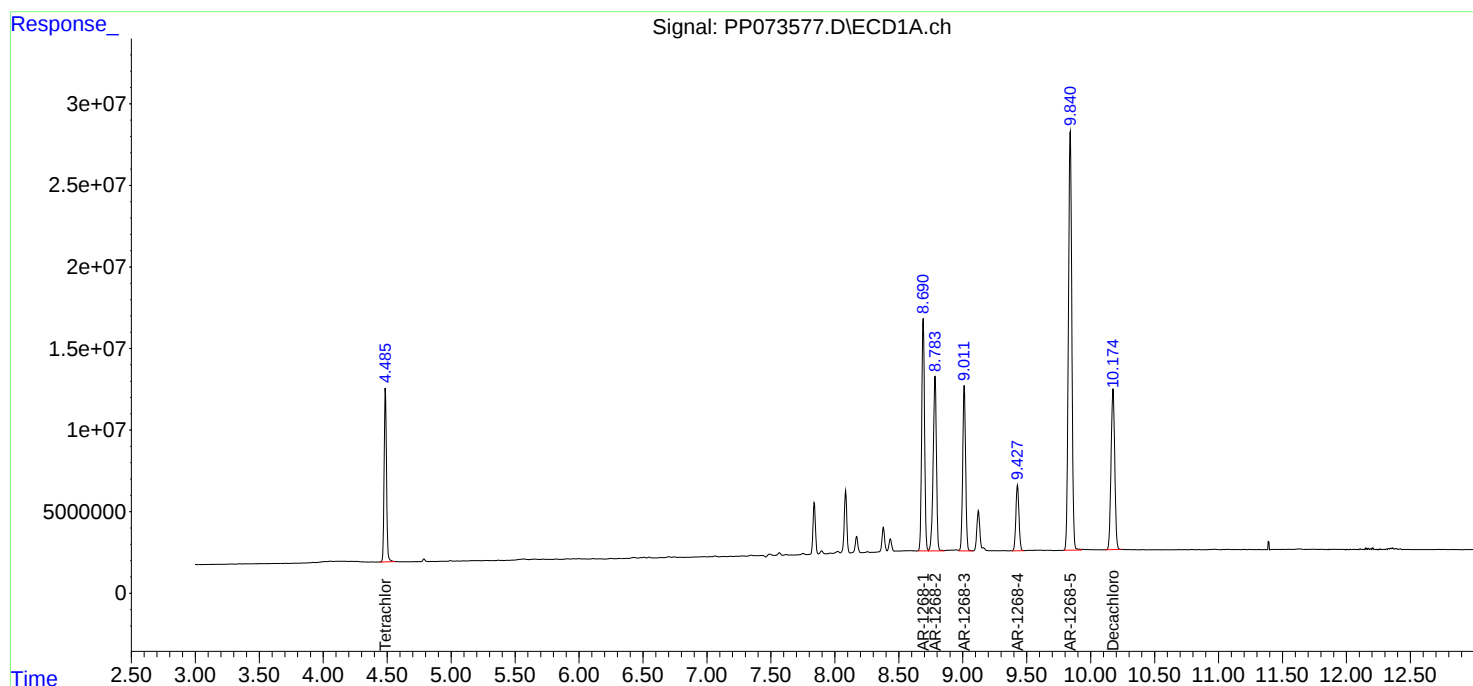
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.779	104.3E6	146.5E6	73.649	75.624
2) SA Decachlor...	10.176	8.780	151.6E6	191.8E6	73.695	75.646
Target Compounds						
41) L9 AR-1268-1	8.691	7.668	168.8E6	230.7E6	740.295	749.493
42) L9 AR-1268-2	8.785	7.735	144.0E6	200.8E6	741.630	750.427
43) L9 AR-1268-3	9.013	7.936	123.3E6	169.4E6	739.524	745.141
44) L9 AR-1268-4	9.430	8.230	52353473	71323535	752.658	749.054
45) L9 AR-1268-5	9.841	8.526	354.6E6	478.2E6	730.874	768.335

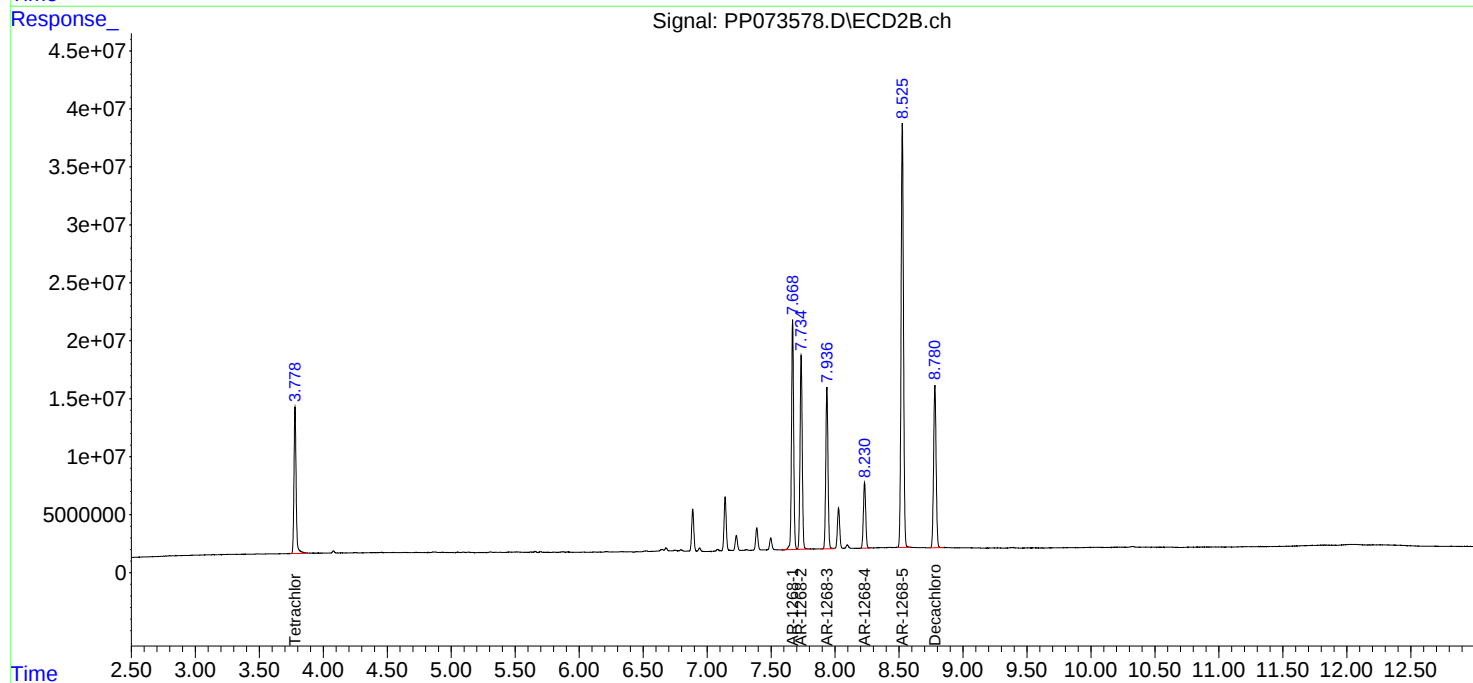
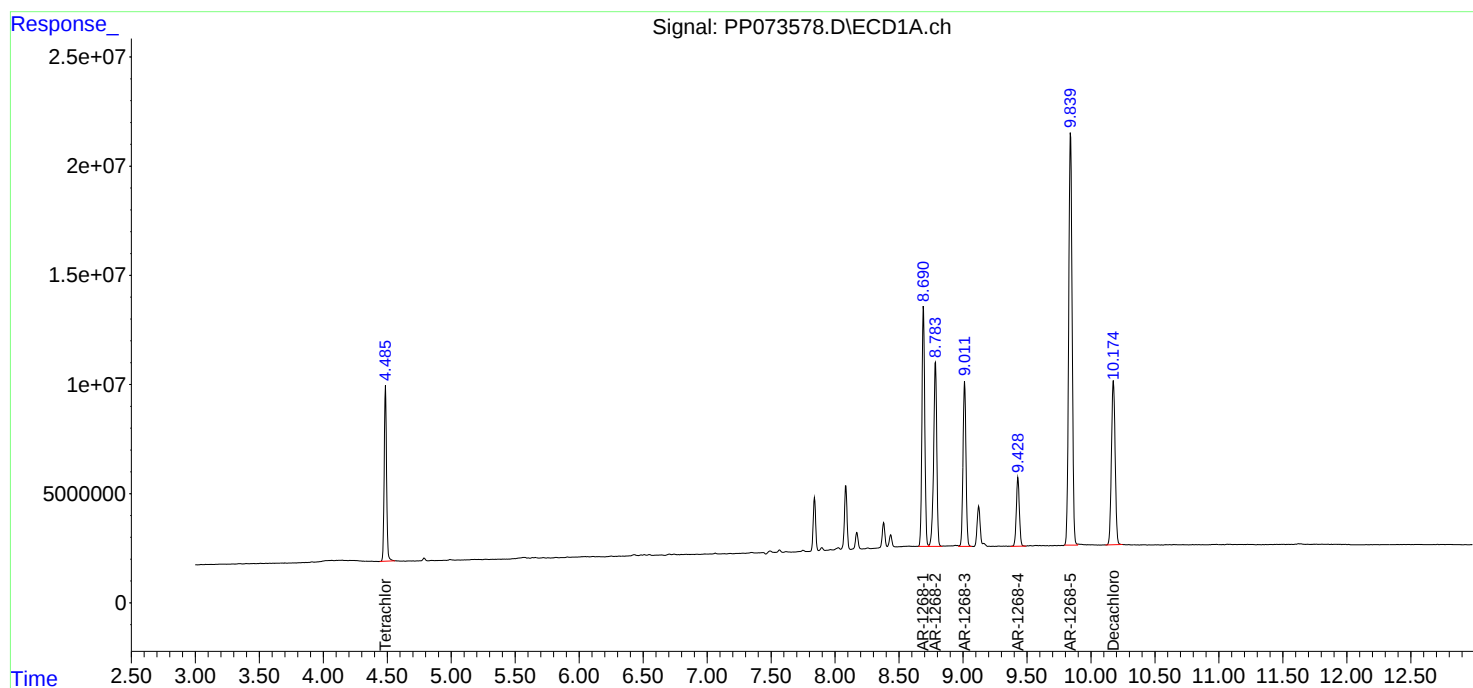
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.779	70790889	96889578	50.000	50.000
2) SA Decachlor...	10.177	8.780	102.9E6	126.8E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.693	7.669	114.0E6	153.9E6	500.000	500.000
42) L9 AR-1268-2	8.786	7.735	97114359	133.8E6	500.000	500.000
43) L9 AR-1268-3	9.014	7.937	83354053	113.7E6	500.000	500.000
44) L9 AR-1268-4	9.430	8.231	34779057	47609088	500.000	500.000
45) L9 AR-1268-5	9.841	8.527	242.6E6	311.2E6	500.000	500.000

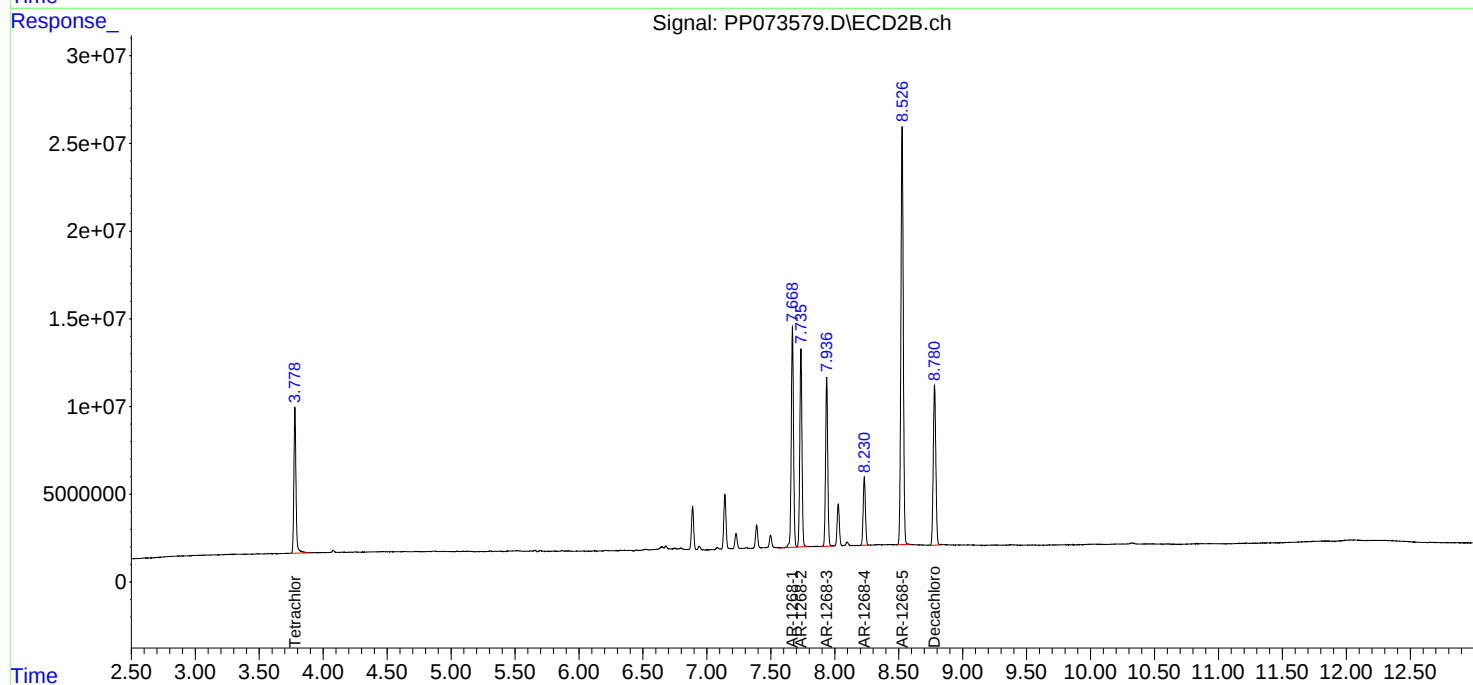
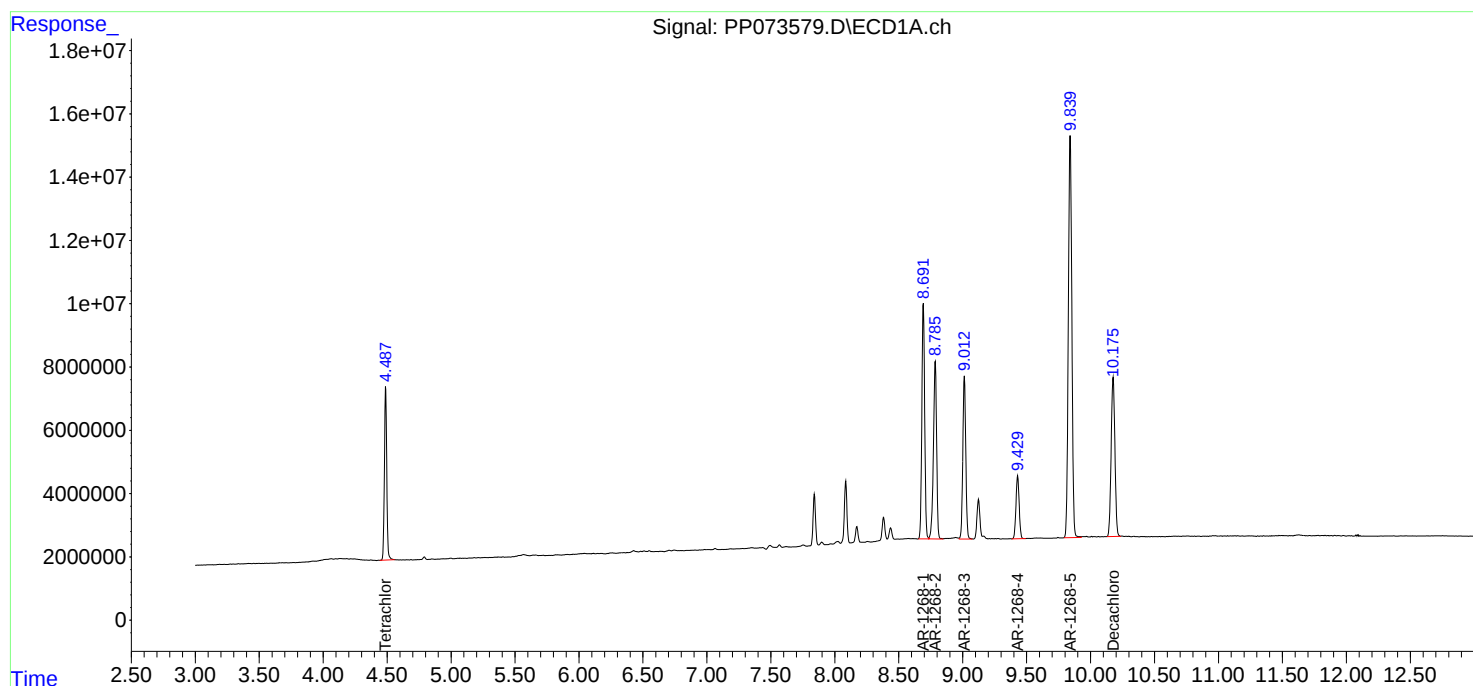
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.779	37383725	50542988	26.404	26.083
2) SA Decachlor...	10.171	8.781	54731552	67087696	26.607	26.464
Target Compounds						
41) L9 AR-1268-1	8.690	7.668	59422367	80900824	260.528	262.840m
42) L9 AR-1268-2	8.783	7.735	50730840	70740492	261.191	264.376
43) L9 AR-1268-3	9.010	7.936	43805027	60554343	262.765	266.395
44) L9 AR-1268-4	9.428	8.231	18771767	24970476	269.872	262.245
45) L9 AR-1268-5	9.839	8.525	124.3E6	162.7E6	256.278	261.384

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

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

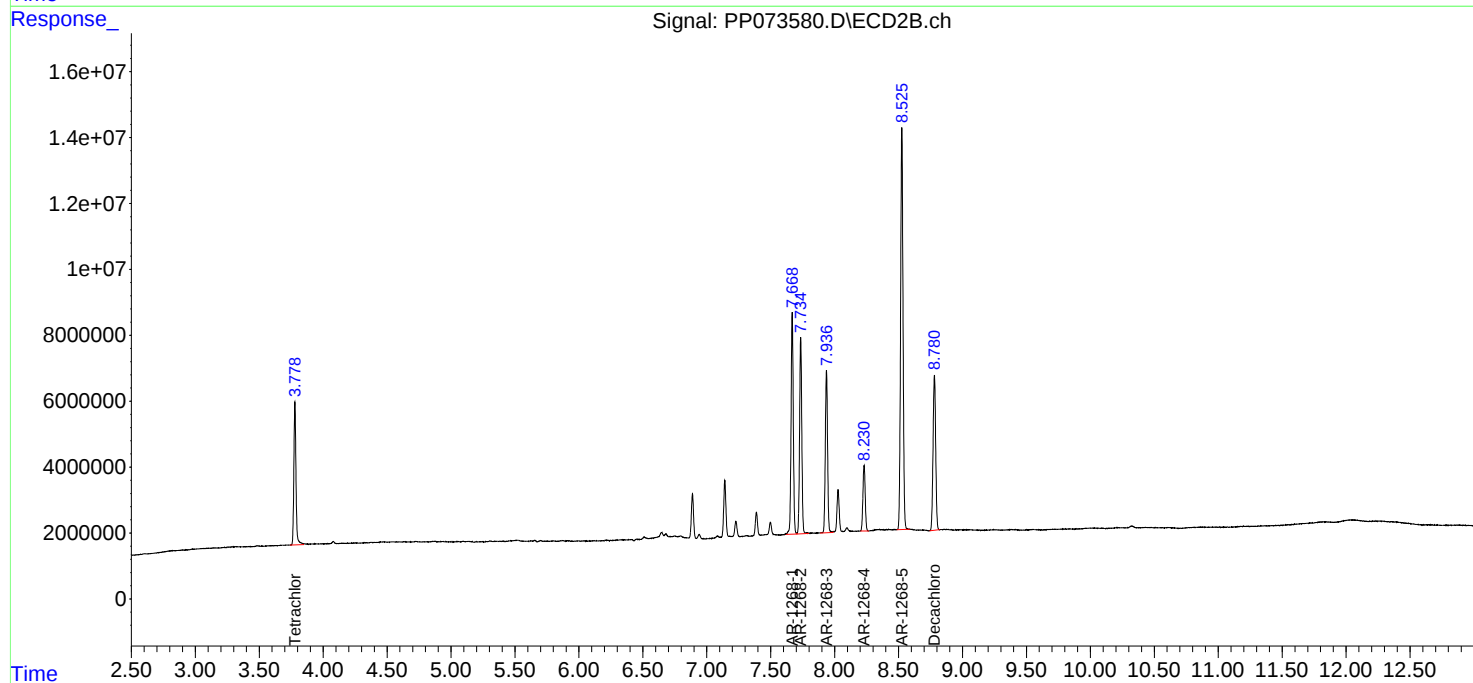
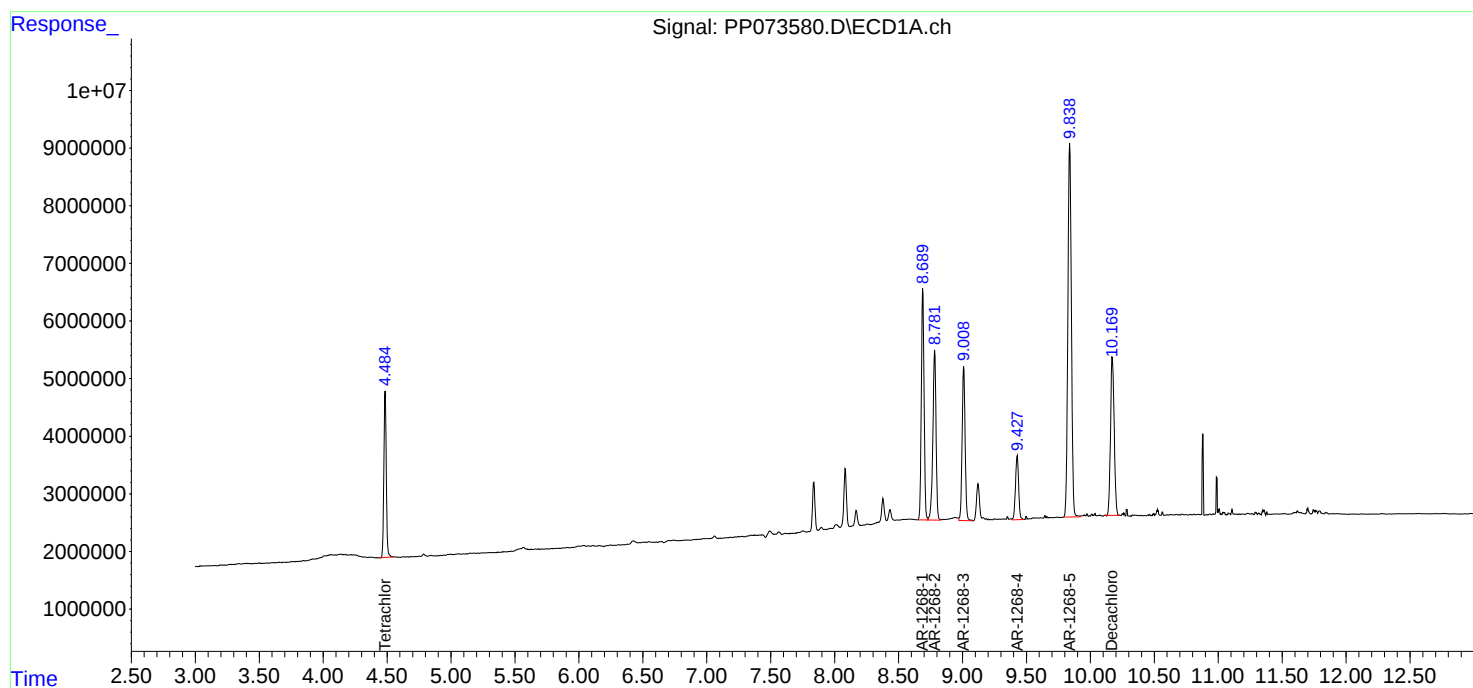
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

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

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.778	6570480	8954068	4.649	4.604
2) SA Decachlor...	10.178	8.780	8974224	11778445	4.354	4.632
Target Compounds						
41) L9 AR-1268-1	8.694	7.668	10231981	15365679	44.903	49.987
42) L9 AR-1268-2	8.787	7.735	8726381	12801300	44.866	47.748
43) L9 AR-1268-3	9.015	7.936	8012537	11044482	48.006	48.707
44) L9 AR-1268-4	9.433	8.231	3216586	4250036	45.402	44.756
45) L9 AR-1268-5	9.839	8.526	18594477	28831591	38.480m	46.018

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

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

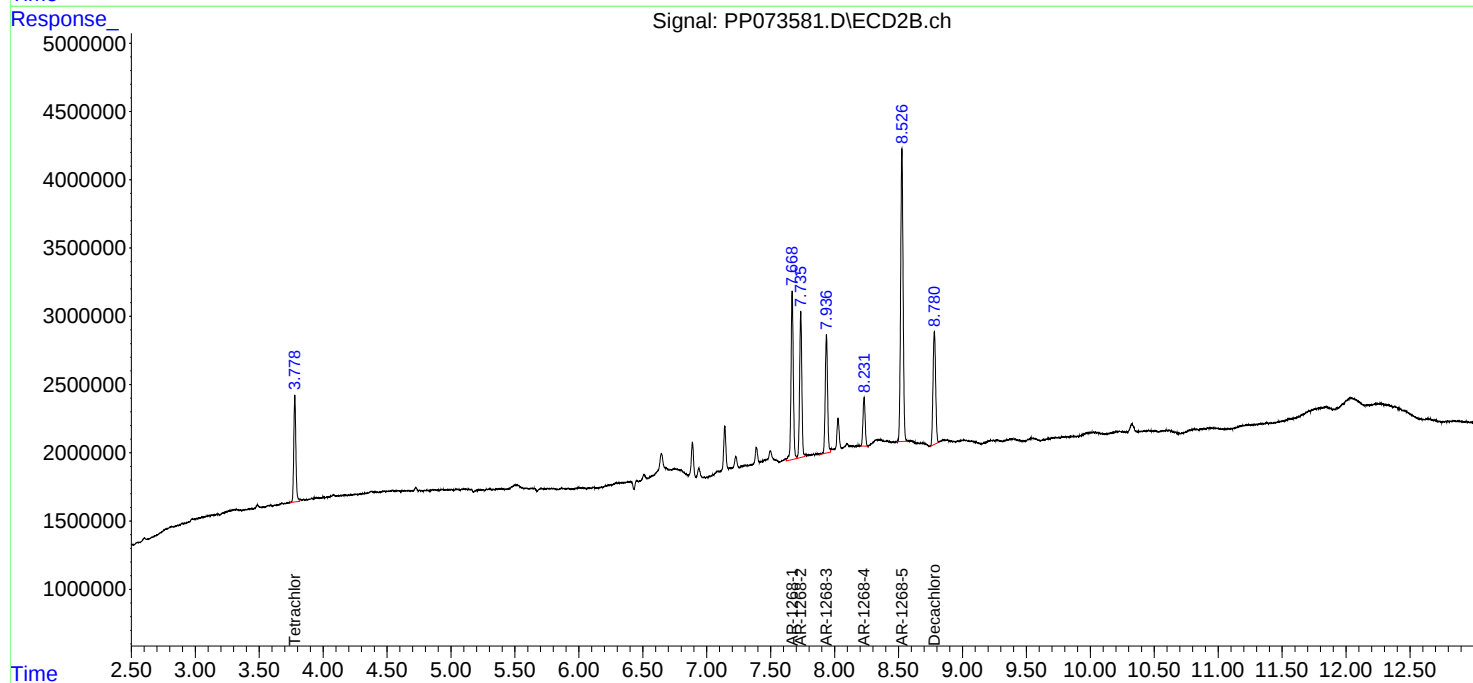
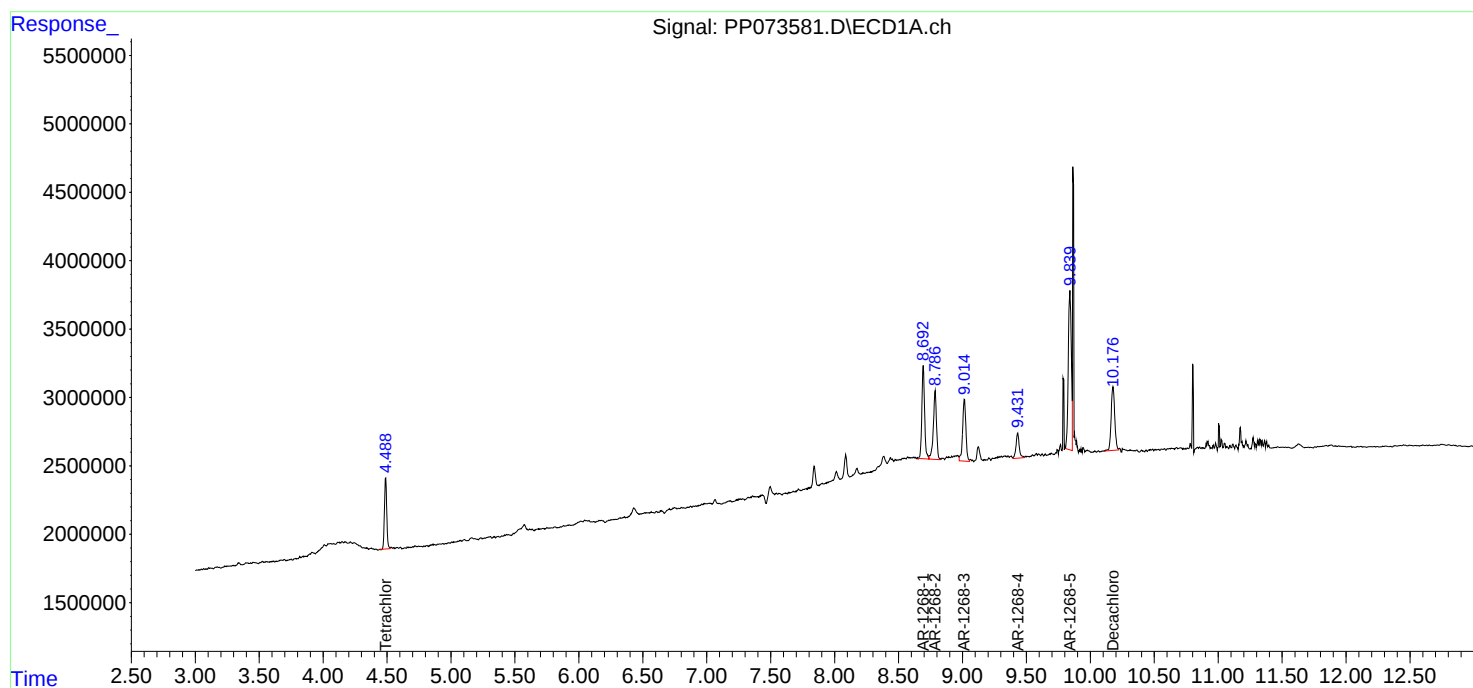
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

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

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.485	3.779	72260983	95891777	52.763	52.050
2)	SA Decachlor...	10.173	8.780	57429181	73824211	52.636	55.794
Target Compounds							
3)	L1 AR-1016-1	5.636	4.857	23819344	35187796	501.317	516.141
4)	L1 AR-1016-2	5.657	4.875	36673403	52182388	514.968	512.173
5)	L1 AR-1016-3	5.719	5.051	22168045	28112093	507.707	519.571
6)	L1 AR-1016-4	5.817	5.093	18666023	22689979	519.286	517.082
7)	L1 AR-1016-5	6.109	5.307	16712865	28698340	533.439	525.779
31)	L7 AR-1260-1	7.226	6.337	30361600	49427132	514.942	506.632
32)	L7 AR-1260-2	7.479	6.525	43933298	61439670	458.403	500.170
33)	L7 AR-1260-3	7.837	6.677	37495485	56331160	513.140	514.610
34)	L7 AR-1260-4	8.061	7.146	33945827	47047060	519.845	526.204
35)	L7 AR-1260-5	8.379	7.389	79838825	118.4E6	529.250	526.873

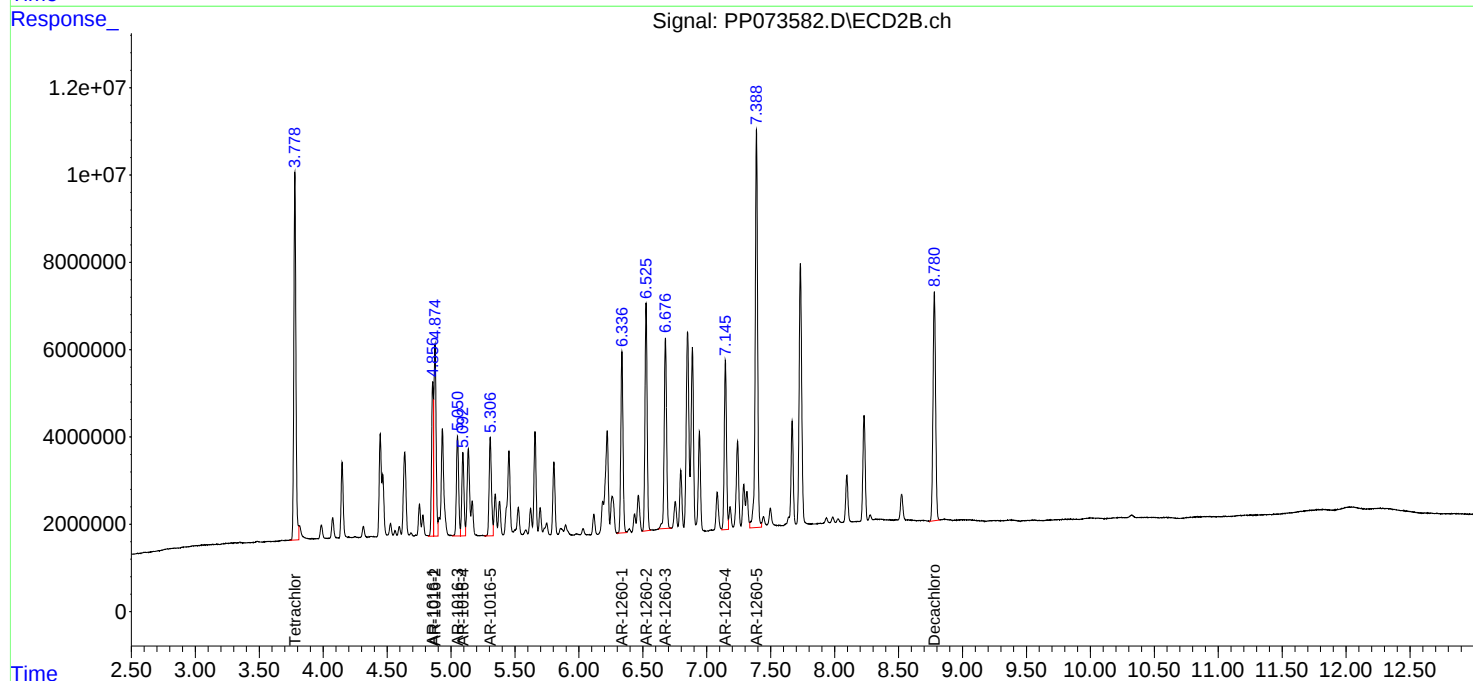
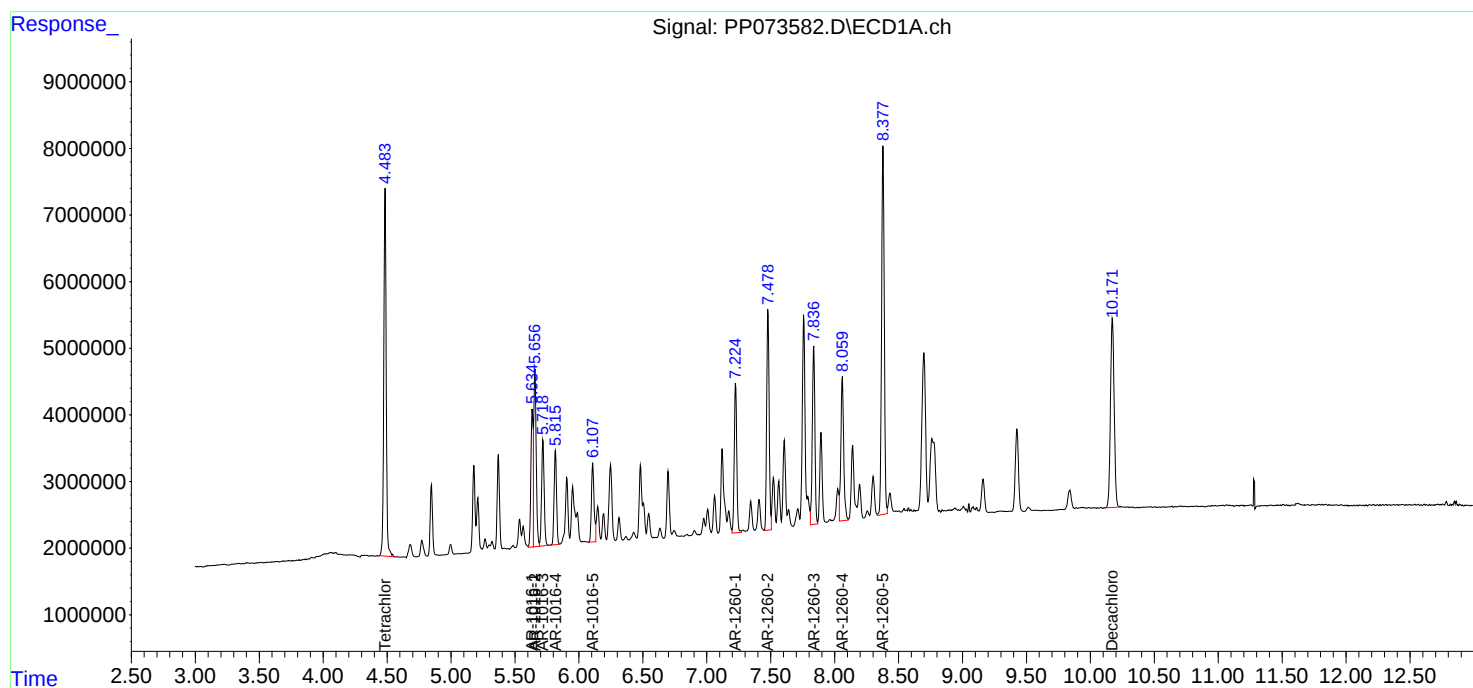
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070825

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1242

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.780	72993940	98810271	53.555	54.104
2) SA Decachlor...	10.175	8.781	59178077	71524197	53.748	53.924
Target Compounds						
16) L4 AR-1242-1	5.637	4.858	20775175	30801945	544.021	533.231
17) L4 AR-1242-2	5.658	4.875	31979969	45687015	534.049	528.453
18) L4 AR-1242-3	5.720	5.052	19490860	24488942	532.233	532.986
19) L4 AR-1242-4	5.817	5.136	16125476	23556759	501.788	532.196
20) L4 AR-1242-5	6.547	5.657	17188141	29930341	525.039	541.800

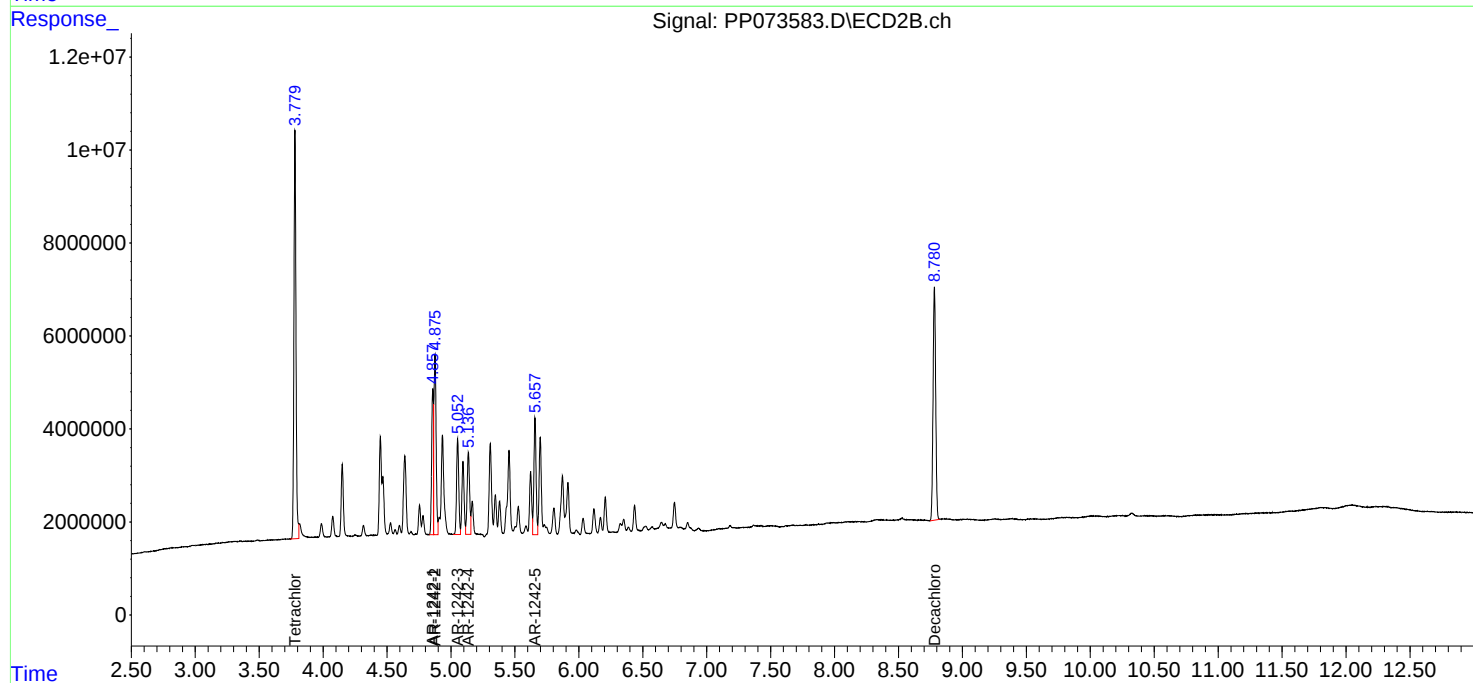
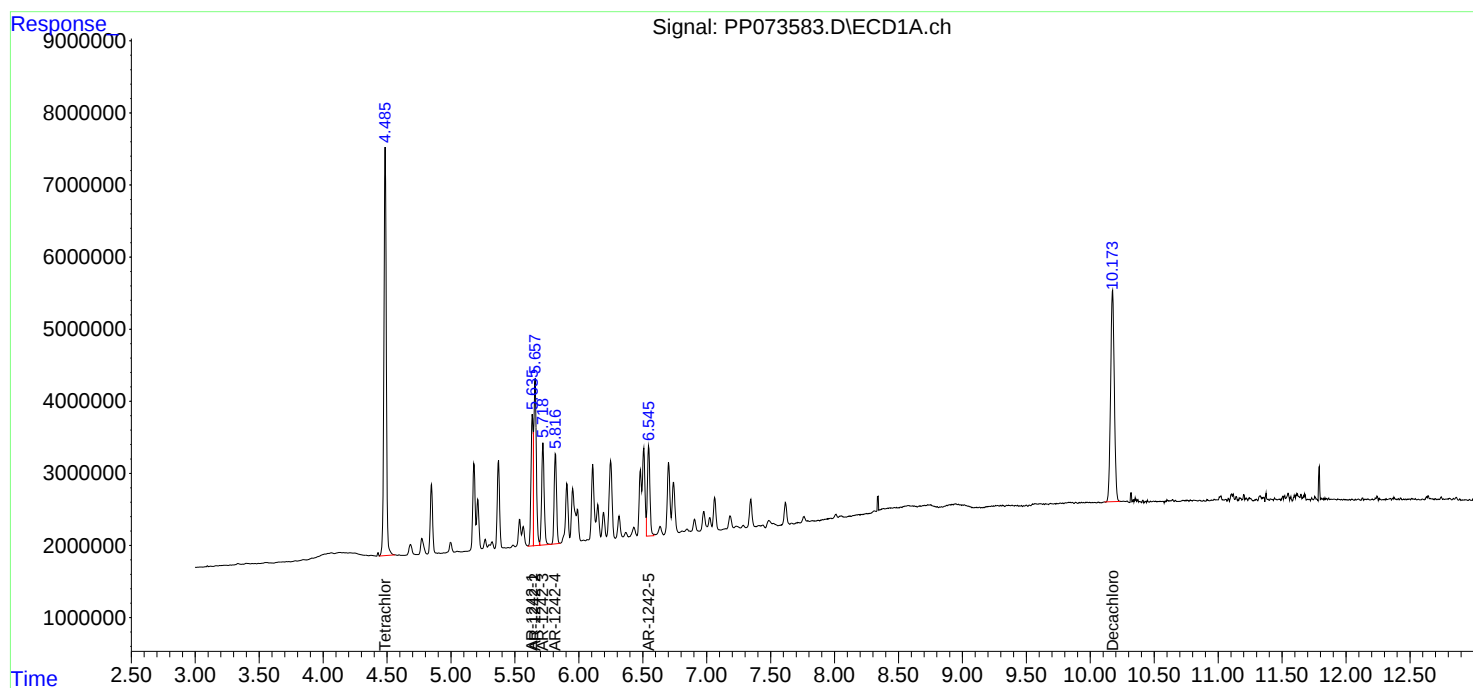
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1248

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.778	71424974	97266201	52.153	52.796
2) SA Decachlor...	10.176	8.779	58027297	74824812	53.185	56.551
Target Compounds						
21) L5 AR-1248-1	5.639	4.857	15762091	23607850	510.587	525.847
22) L5 AR-1248-2	5.910	5.092	20492312	31849894	513.291	517.577
23) L5 AR-1248-3	6.112	5.134	23677594	33328191	533.164	520.228
24) L5 AR-1248-4	6.511	5.306	28997723	39129254	526.461	519.111
25) L5 AR-1248-5	6.550	5.697	28371365	39383540	527.441	527.994

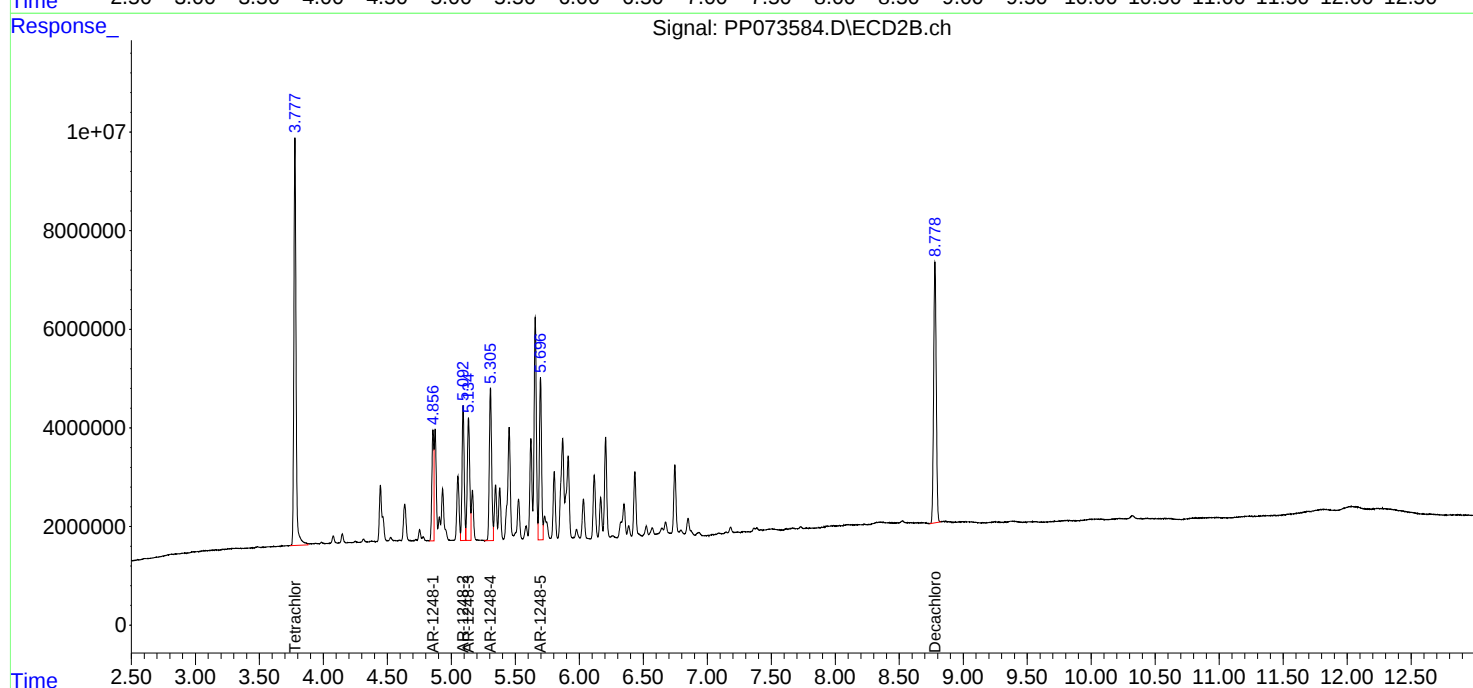
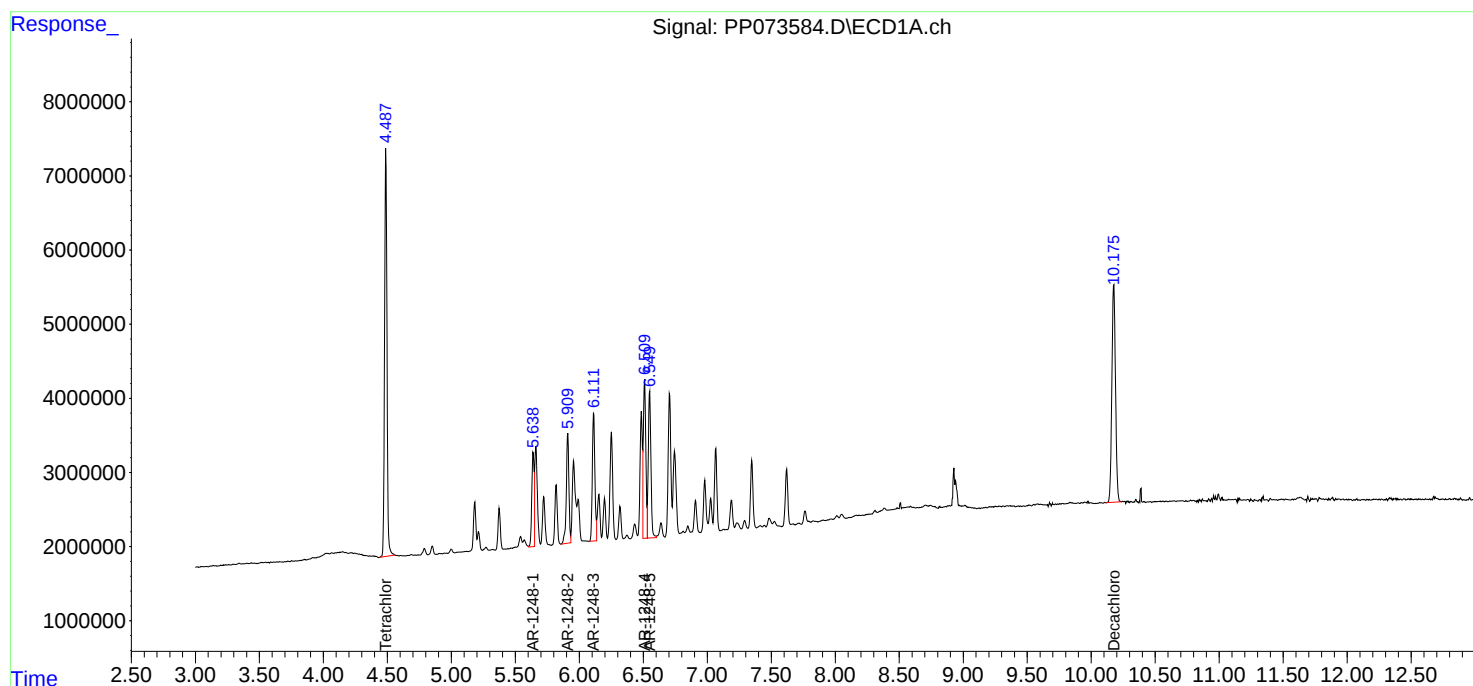
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1254

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.488	3.779	72137939	98177371	52.674	53.291
2) SA Decachlor...	10.176	8.780	58669520	75798661	53.773	57.287
Target Compounds						
26) L6 AR-1254-1	6.486	5.657	27751618	57179282	517.855	492.797
27) L6 AR-1254-2	6.702	5.805	42039125	49615142	504.739	493.077
28) L6 AR-1254-3	7.065	6.207	45059626	78048221	510.118	505.342
29) L6 AR-1254-4	7.348	6.435	39772060	48017763	505.575	507.806
30) L6 AR-1254-5	7.764	6.851	38107518	68206603	517.204	511.122

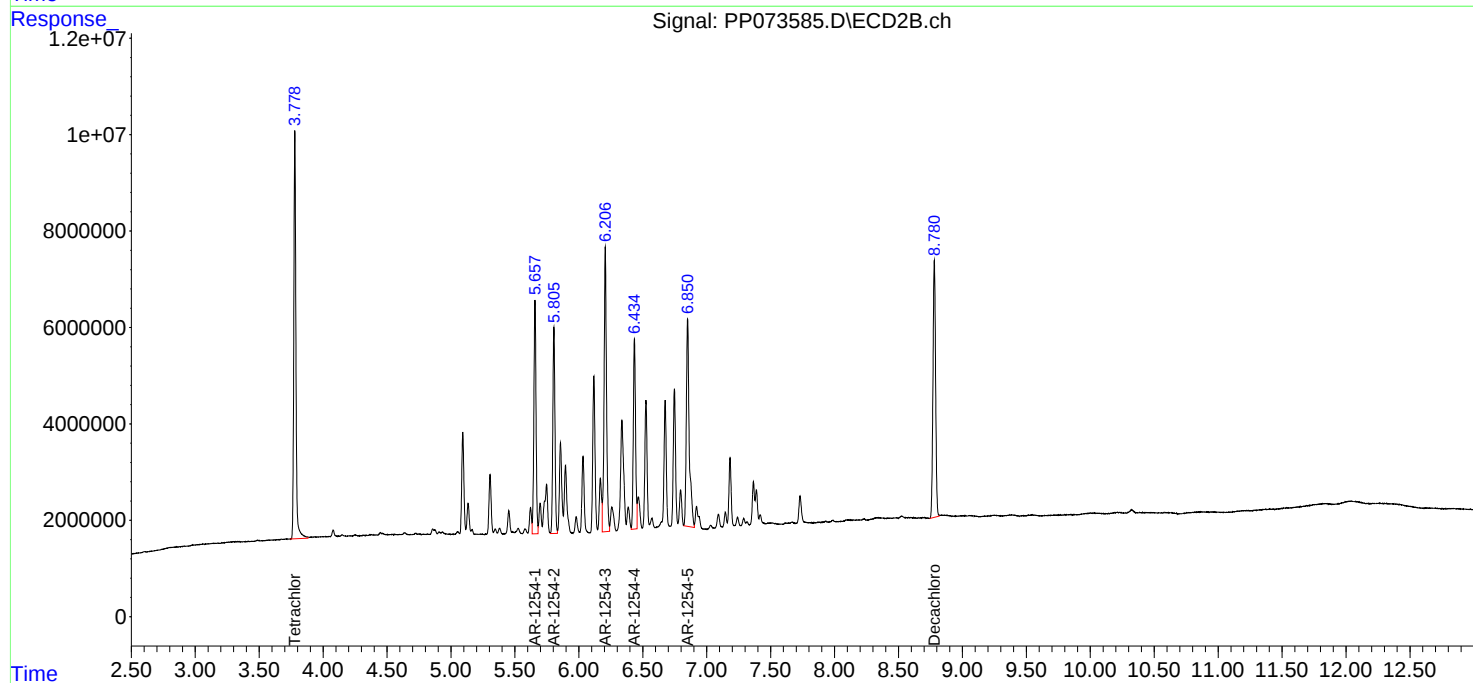
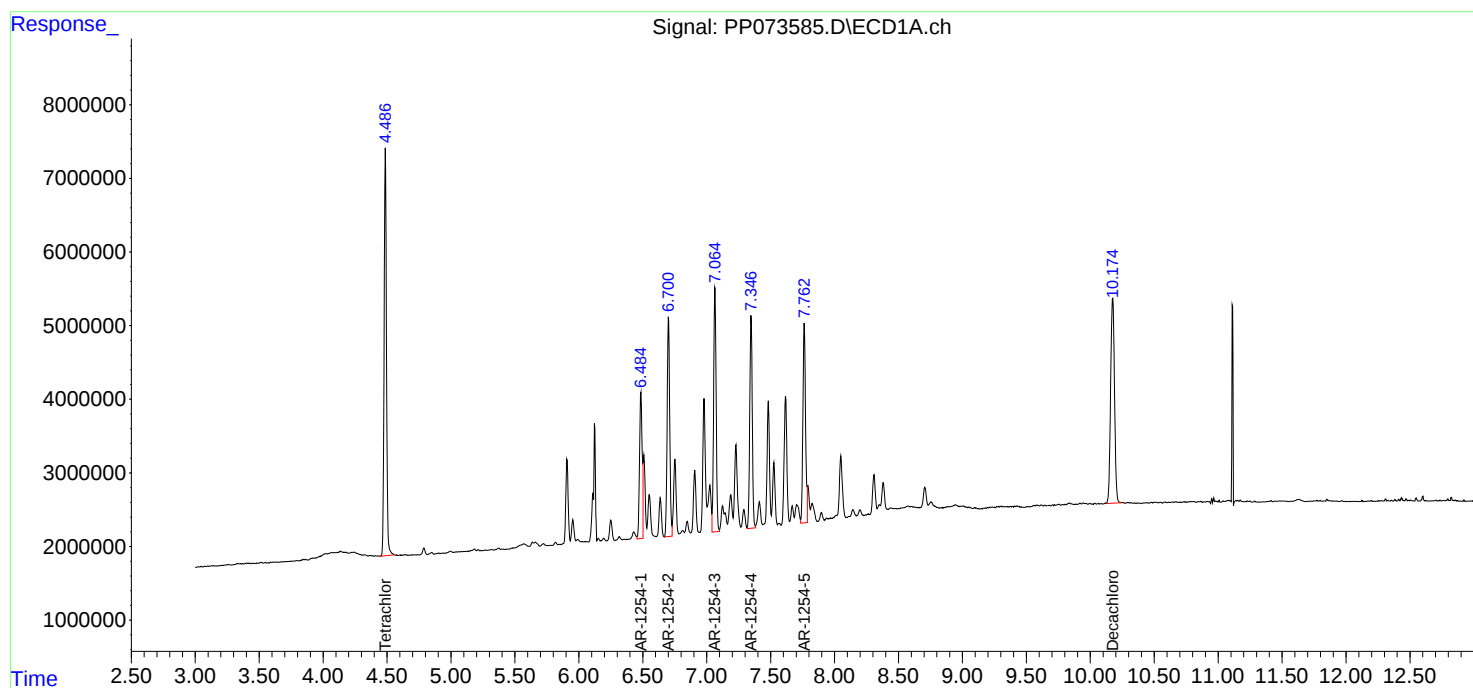
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

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

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



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

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1268

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

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.484	3.778	70596120	97414683	50.662	50.893
2) SA Decachlor...	10.172	8.779	103.0E6	129.1E6	51.291	51.524
Target Compounds						
41) L9 AR-1268-1	8.689	7.667	113.4E6	151.6E6	508.169	493.340
42) L9 AR-1268-2	8.781	7.734	97840395	131.8E6	513.584	495.942
43) L9 AR-1268-3	9.010	7.935	83760936	112.1E6	505.877	496.950
44) L9 AR-1268-4	9.426	8.229	34884334	47107861	501.616	506.711
45) L9 AR-1268-5	9.837	8.525	236.8E6	312.0E6	513.720	506.004

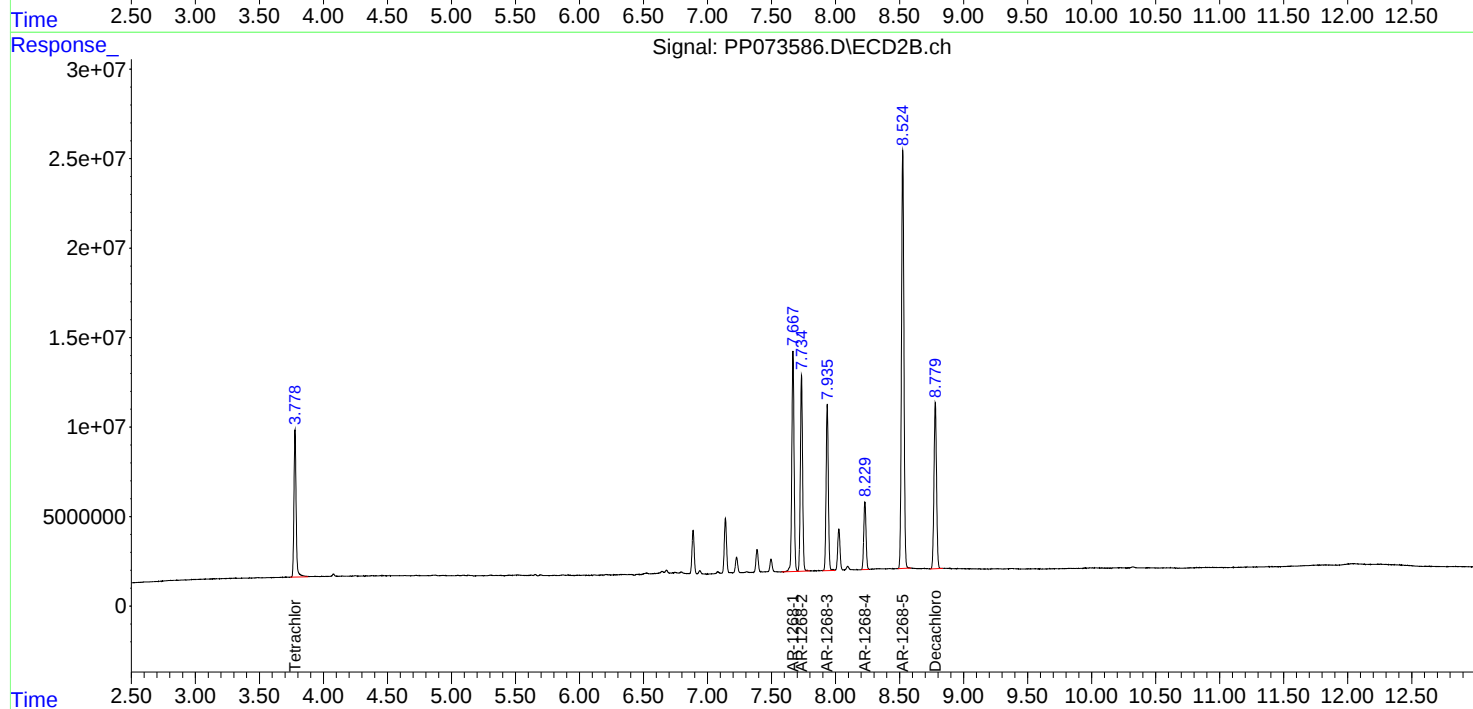
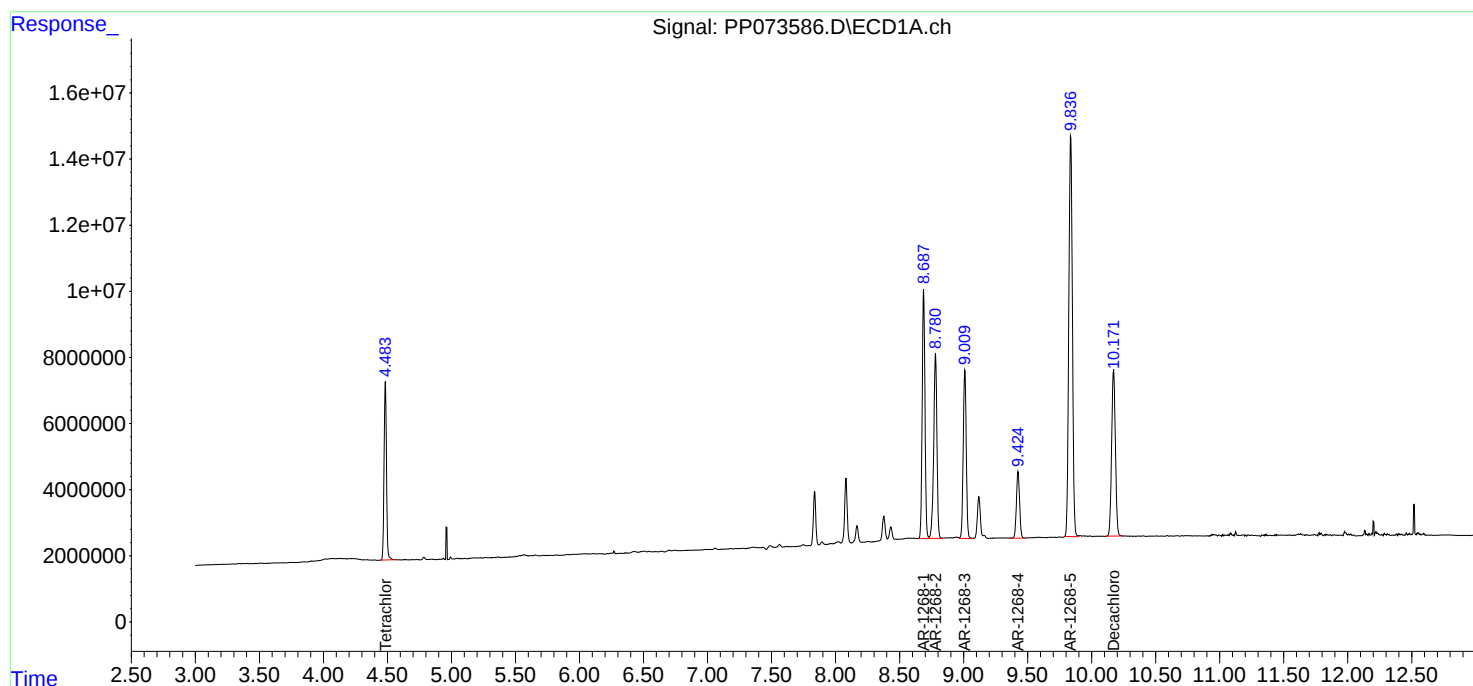
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

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

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/15/2025

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

07/08/2025

Continuing Calib Time: 16:08

Initial Calibration Time(s): 21:03

04:24

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	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025 07/08/2025

Continuing Calib Time: 16:08

Initial Calibration Time(s): 21:03 04:24

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	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/15/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073804.D **Time Analyzed:** 16:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.637	5.539	5.739	455.310	500.000	-8.9
Aroclor-1016-2	5.659	5.560	5.760	494.680	500.000	-1.1
Aroclor-1016-3	5.720	5.622	5.822	488.830	500.000	-2.2
Aroclor-1016-4	5.818	5.720	5.920	493.640	500.000	-1.3
Aroclor-1016-5	6.110	6.012	6.212	507.350	500.000	1.5
Aroclor-1260-1	7.226	7.129	7.329	489.480	500.000	-2.1
Aroclor-1260-2	7.480	7.383	7.583	415.640	500.000	-16.9
Aroclor-1260-3	7.838	7.740	7.940	474.930	500.000	-5.0
Aroclor-1260-4	8.061	7.964	8.164	486.570	500.000	-2.7
Aroclor-1260-5	8.379	8.283	8.483	492.390	500.000	-1.5
Decachlorobiphenyl	10.171	10.076	10.276	52.010	50.000	4.0
Tetrachloro-m-xylene	4.487	4.388	4.588	51.230	50.000	2.5



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/15/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073804.D **Time Analyzed:** 16:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.856	4.758	4.958	472.940	500.000	-5.4
Aroclor-1016-2	4.873	4.775	4.975	467.040	500.000	-6.6
Aroclor-1016-3	5.050	4.951	5.151	476.820	500.000	-4.6
Aroclor-1016-4	5.092	4.993	5.193	476.550	500.000	-4.7
Aroclor-1016-5	5.305	5.207	5.407	509.550	500.000	1.9
Aroclor-1260-1	6.334	6.237	6.437	472.180	500.000	-5.6
Aroclor-1260-2	6.523	6.425	6.625	473.960	500.000	-5.2
Aroclor-1260-3	6.674	6.577	6.777	460.750	500.000	-7.9
Aroclor-1260-4	7.143	7.046	7.246	486.760	500.000	-2.6
Aroclor-1260-5	7.386	7.289	7.489	485.010	500.000	-3.0
Decachlorobiphenyl	8.777	8.680	8.880	53.400	50.000	6.8
Tetrachloro-m-xylene	3.779	3.678	3.878	47.220	50.000	-5.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
 Data File : PP073804.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 16:08
 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 16 01:46:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.779	70163666	86997636	51.232	47.222
2) SA Decachlor...	10.171	8.777	56749848	70659011	52.014	53.402
Target Compounds						
3) L1 AR-1016-1	5.637	4.856	21633263	32242882	455.307	472.945
4) L1 AR-1016-2	5.659	4.873	35228241	47584166	494.675	467.041
5) L1 AR-1016-3	5.720	5.050	21343872	25798766	488.831	476.816
6) L1 AR-1016-4	5.818	5.092	17744350	20911283	493.645	476.547
7) L1 AR-1016-5	6.110	5.305	15895513	27812329	507.351	509.547
31) L7 AR-1260-1	7.226	6.334	28860473	46066145	489.482	472.181
32) L7 AR-1260-2	7.480	6.523	39835100	58220499	415.642	473.963
33) L7 AR-1260-3	7.838	6.674	34703178	50435972	474.926	460.755
34) L7 AR-1260-4	8.061	7.143	31773073	43520879	486.572	486.765
35) L7 AR-1260-5	8.379	7.386	74279002	109.0E6	492.394	485.011

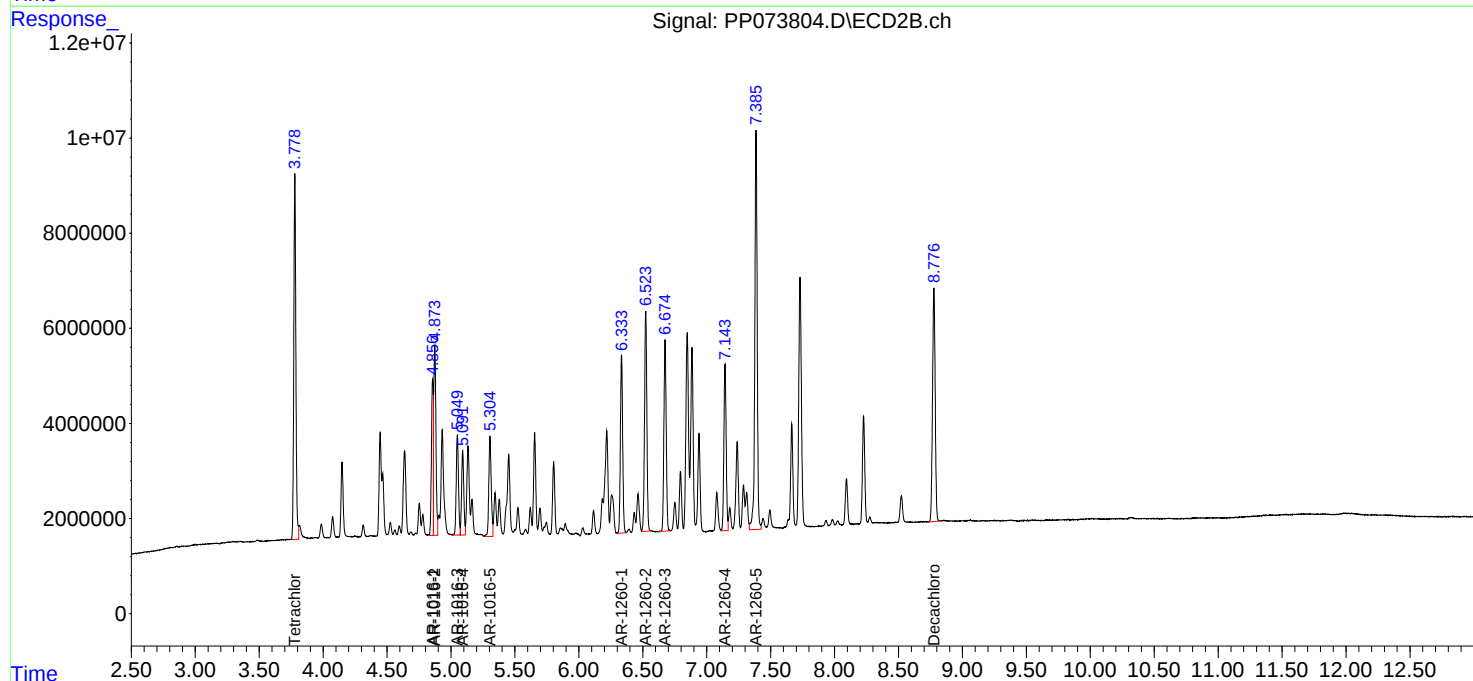
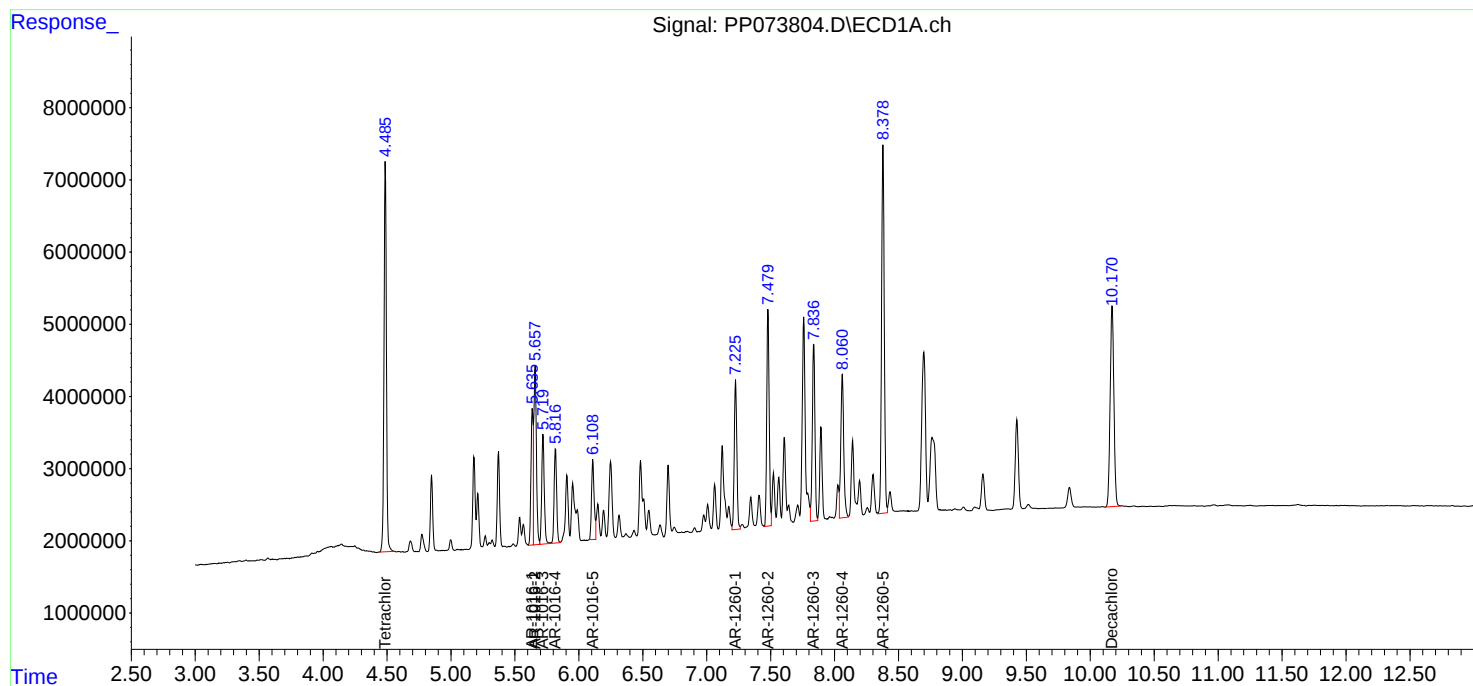
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073804.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 16:08
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 16 01:46:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/15/2025

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

07/08/2025

Continuing Calib Time: 21:02

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.63	5.64	5.54	5.74	0.01
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/15/2025

Initial Calibration Date(s): 07/07/2025 07/08/2025

Continuing Calib Time: 21:02

Initial Calibration Time(s): 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/15/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073819.D **Time Analyzed:** 21:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.634	5.539	5.739	406.560	500.000	-18.7
Aroclor-1016-2	5.655	5.560	5.760	433.980	500.000	-13.2
Aroclor-1016-3	5.718	5.622	5.822	433.080	500.000	-13.4
Aroclor-1016-4	5.815	5.720	5.920	439.190	500.000	-12.2
Aroclor-1016-5	6.107	6.012	6.212	444.730	500.000	-11.1
Aroclor-1260-1	7.223	7.129	7.329	426.830	500.000	-14.6
Aroclor-1260-2	7.477	7.383	7.583	361.680	500.000	-27.7
Aroclor-1260-3	7.835	7.740	7.940	411.850	500.000	-17.6
Aroclor-1260-4	8.058	7.964	8.164	422.130	500.000	-15.6
Aroclor-1260-5	8.376	8.283	8.483	430.280	500.000	-13.9
Decachlorobiphenyl	10.166	10.076	10.276	45.300	50.000	-9.4
Tetrachloro-m-xylene	4.484	4.388	4.588	45.830	50.000	-8.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: TACO01

Lab Code: ACE SDG NO.: Q2600

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

Client Sample No.: CCAL02 Date Analyzed: 07/15/2025

Lab Sample No.: AR1660CCC500 Data File : PP073819.D Time Analyzed: 21:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.854	4.758	4.958	469.990	500.000	-6.0
Aroclor-1016-2	4.871	4.775	4.975	464.330	500.000	-7.1
Aroclor-1016-3	5.048	4.951	5.151	474.880	500.000	-5.0
Aroclor-1016-4	5.090	4.993	5.193	470.170	500.000	-6.0
Aroclor-1016-5	5.303	5.207	5.407	502.970	500.000	0.6
Aroclor-1260-1	6.332	6.237	6.437	439.520	500.000	-12.1
Aroclor-1260-2	6.521	6.425	6.625	445.700	500.000	-10.9
Aroclor-1260-3	6.672	6.577	6.777	430.730	500.000	-13.9
Aroclor-1260-4	7.142	7.046	7.246	447.390	500.000	-10.5
Aroclor-1260-5	7.384	7.289	7.489	445.990	500.000	-10.8
Decachlorobiphenyl	8.774	8.680	8.880	50.560	50.000	1.1
Tetrachloro-m-xylene	3.777	3.678	3.878	46.870	50.000	-6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
 Data File : PP073819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 21:02
 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 16 01:53:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.484	3.777	62760501	86345330	45.826	46.868
2) SA Decachlor...	10.166	8.774	49420768	66893713	45.296	50.556
Target Compounds						
3) L1 AR-1016-1	5.634	4.854	19316996	32041247	406.557	469.987
4) L1 AR-1016-2	5.655	4.871	30905659	47307925	433.977	464.329
5) L1 AR-1016-3	5.718	5.048	18909493	25694145	433.077	474.883
6) L1 AR-1016-4	5.815	5.090	15787080	20631336	439.194	470.167
7) L1 AR-1016-5	6.107	5.303	13933482	27453456	444.727	502.972
31) L7 AR-1260-1	7.223	6.332	25166243	42880162	426.827	439.525
32) L7 AR-1260-2	7.477	6.521	34663171	54748601	361.678	445.699
33) L7 AR-1260-3	7.835	6.672	30094214	47149040	411.851	430.727
34) L7 AR-1260-4	8.058	7.142	27564997	40000492	422.129	447.391
35) L7 AR-1260-5	8.376	7.384	64909150	100.2E6	430.282	445.991

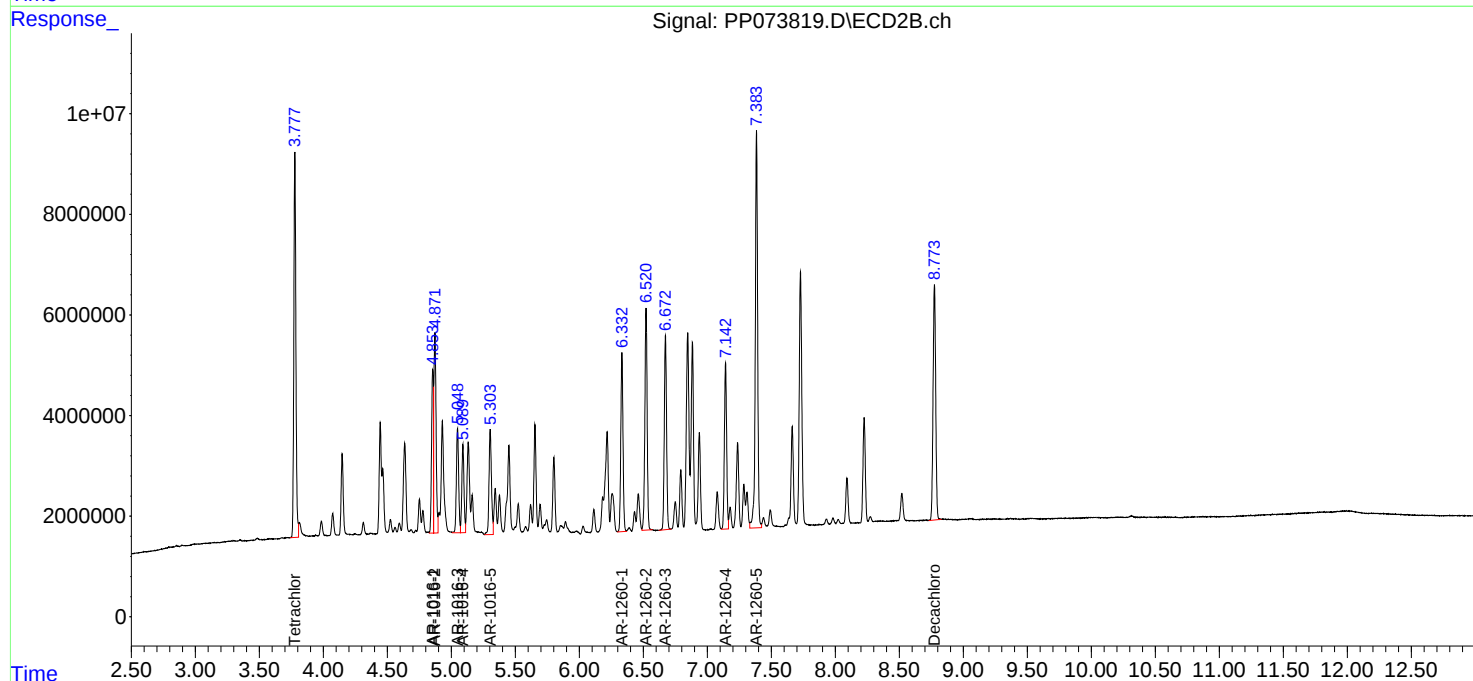
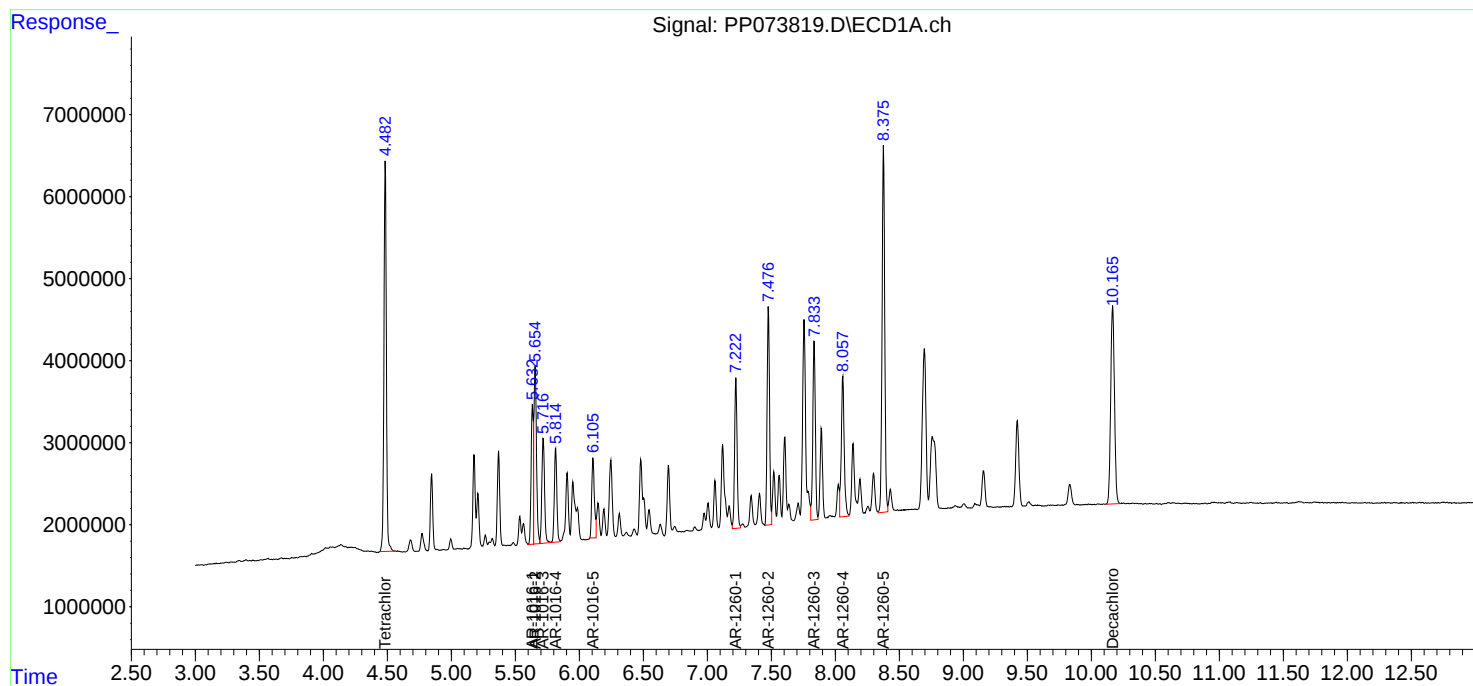
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 21:02
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 16 01:53:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/16/2025

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

07/08/2025

Continuing Calib Time: 04:09

Initial Calibration Time(s): 21:03

04:24

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	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Continuing Calib Date: 07/16/2025

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

07/08/2025

Continuing Calib Time: 04:09

Initial Calibration Time(s): 21:03

04:24

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	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073834.D **Time Analyzed:** 04:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.637	5.539	5.739	406.110	500.000	-18.8
Aroclor-1016-2	5.658	5.560	5.760	444.870	500.000	-11.0
Aroclor-1016-3	5.721	5.622	5.822	434.180	500.000	-13.2
Aroclor-1016-4	5.818	5.720	5.920	441.020	500.000	-11.8
Aroclor-1016-5	6.110	6.012	6.212	459.000	500.000	-8.2
Aroclor-1260-1	7.227	7.129	7.329	442.950	500.000	-11.4
Aroclor-1260-2	7.478	7.383	7.583	388.470	500.000	-22.3
Aroclor-1260-3	7.838	7.740	7.940	428.260	500.000	-14.3
Aroclor-1260-4	8.062	7.964	8.164	439.070	500.000	-12.2
Aroclor-1260-5	8.379	8.283	8.483	434.140	500.000	-13.2
Decachlorobiphenyl	10.171	10.076	10.276	46.520	50.000	-7.0
Tetrachloro-m-xylene	4.486	4.388	4.588	45.710	50.000	-8.6



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TACO01
Lab Code: ACE **SDG NO.:** Q2600
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073834.D **Time Analyzed:** 04:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.855	4.758	4.958	468.590	500.000	-6.3
Aroclor-1016-2	4.872	4.775	4.975	472.680	500.000	-5.5
Aroclor-1016-3	5.049	4.951	5.151	477.370	500.000	-4.5
Aroclor-1016-4	5.090	4.993	5.193	474.450	500.000	-5.1
Aroclor-1016-5	5.303	5.207	5.407	494.620	500.000	-1.1
Aroclor-1260-1	6.333	6.237	6.437	483.280	500.000	-3.3
Aroclor-1260-2	6.522	6.425	6.625	491.070	500.000	-1.8
Aroclor-1260-3	6.673	6.577	6.777	469.470	500.000	-6.1
Aroclor-1260-4	7.142	7.046	7.246	479.030	500.000	-4.2
Aroclor-1260-5	7.385	7.289	7.489	473.830	500.000	-5.2
Decachlorobiphenyl	8.774	8.680	8.880	53.240	50.000	6.5
Tetrachloro-m-xylene	3.777	3.678	3.878	46.020	50.000	-8.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
 Data File : PP073834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 04:09
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:36:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.777	62599094	84780663	45.709	46.019
2) SA Decachlor...	10.171	8.774	50755584	70445975	46.520	53.241
Target Compounds						
3) L1 AR-1016-1	5.637	4.855	19295842	31946235	406.112	468.594
4) L1 AR-1016-2	5.658	4.872	31681377	48158643	444.870	472.679
5) L1 AR-1016-3	5.721	5.049	18957734	25828737	434.182	477.370
6) L1 AR-1016-4	5.818	5.090	15852774	20819097	441.022	474.446
7) L1 AR-1016-5	6.110	5.303	14380755	26997519	459.003	494.618m
31) L7 AR-1260-1	7.227	6.333	26116827	47148553	442.949	483.276
32) L7 AR-1260-2	7.478	6.522	37230503	60321651	388.466m	491.068 #
33) L7 AR-1260-3	7.838	6.673	31293344	51390104	428.262	469.471
34) L7 AR-1260-4	8.062	7.142	28671006	42829708	439.067	479.034
35) L7 AR-1260-5	8.379	7.385	65491221	106.5E6	434.140	473.834

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073834.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 04:09
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

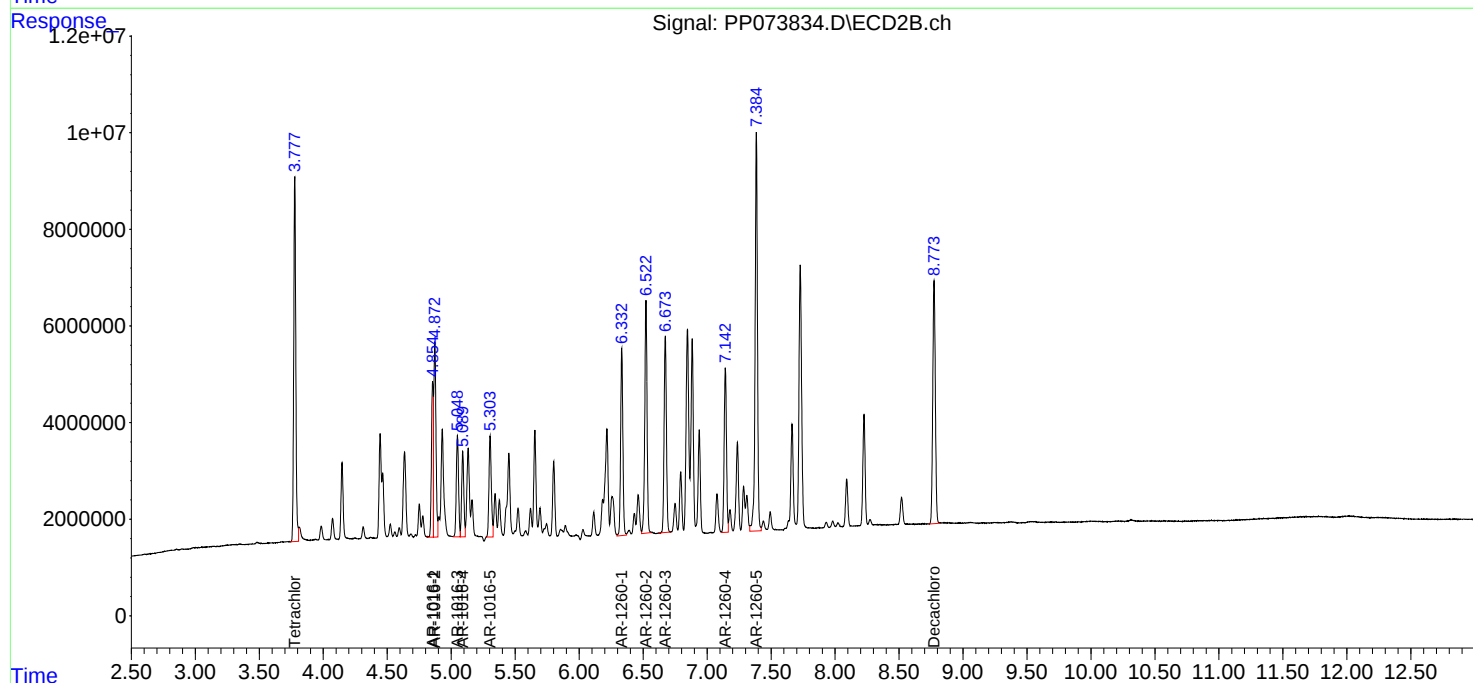
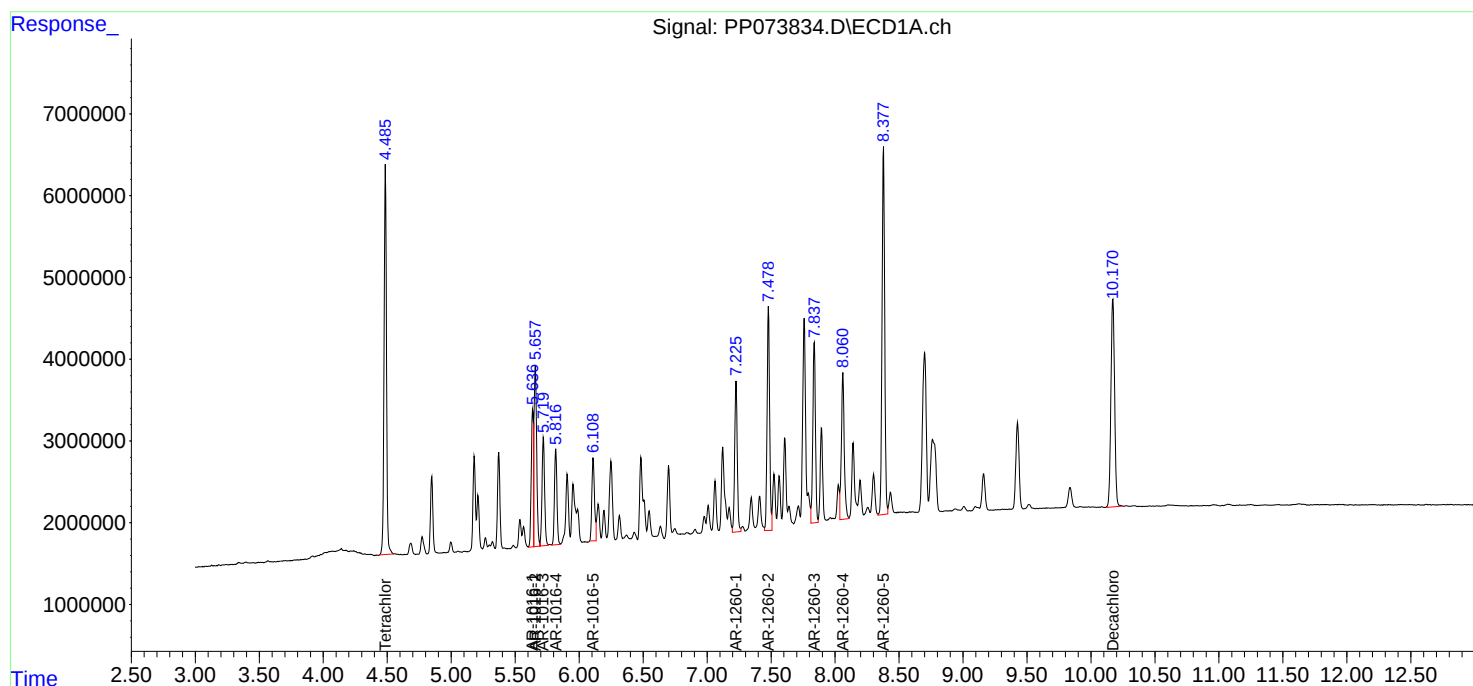
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 04:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: T&A Construction Inc	SDG No.: Q2600
Project: Kingsland Point Park Water Main	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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	07/07/2025	20:30	PP073553.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	10.18	4.49
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	10.18	4.49
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	10.17	4.49
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	10.18	4.49
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	10.17	4.49
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	10.17	4.49
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	10.17	4.49
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	10.18	4.49
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	10.17	4.49
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	10.17	4.49
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	10.17	4.49
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/15/2025	16:08	PP073804.D	10.17	4.49
IBLK	IBLK	07/15/2025	17:13	PP073808.D	10.17	4.48
PB168852BL	PB168852BL	07/15/2025	17:30	PP073809.D	10.17	4.49
PB168852BS	PB168852BS	07/15/2025	17:46	PP073810.D	10.17	4.49
TRENCH	Q2600-01	07/15/2025	19:24	PP073816.D	10.17	4.49
STOCK-PILE	Q2600-05	07/15/2025	19:41	PP073817.D	10.17	4.49
END-OF-TRENCH	Q2600-09	07/15/2025	19:57	PP073818.D	10.17	4.48
AR1660CCC500	AR1660CCC500	07/15/2025	21:02	PP073819.D	10.17	4.48
IBLK	IBLK	07/15/2025	22:41	PP073823.D	10.17	4.49
OK-01-071425MS	Q2598-01MS	07/15/2025	23:13	PP073825.D	10.17	4.49
OK-01-071425MSD	Q2598-01MSD	07/15/2025	23:30	PP073826.D	10.17	4.48
AR1660CCC500	AR1660CCC500	07/16/2025	04:09	PP073834.D	10.17	4.49
IBLK	IBLK	07/16/2025	05:31	PP073838.D	10.17	4.48

Analytical Sequence

Analytical Sequence

Client: T&A Construction Inc	SDG No.: Q2600
Project: Kingsland Point Park Water Main	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/07/2025 07/07/2025

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	07/07/2025	20:30	PP073553.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	8.78	3.78
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	8.78	3.78
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	8.78	3.78
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	8.78	3.78
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	8.78	3.78
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	8.78	3.78
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	8.78	3.78
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	8.78	3.78
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	8.78	3.78
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	8.78	3.78
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	8.78	3.78
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	8.78	3.78
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	8.78	3.78
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	8.78	3.78
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	8.78	3.78
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	8.78	3.78
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	8.78	3.78
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	8.78	3.78
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	8.78	3.78
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	8.78	3.78
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	8.78	3.78
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	8.78	3.78
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	8.78	3.78
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/15/2025	16:08	PP073804.D	8.78	3.78
IBLK	IBLK	07/15/2025	17:13	PP073808.D	8.78	3.78
PB168852BL	PB168852BL	07/15/2025	17:30	PP073809.D	8.78	3.78
PB168852BS	PB168852BS	07/15/2025	17:46	PP073810.D	8.78	3.78
TRENCH	Q2600-01	07/15/2025	19:24	PP073816.D	8.78	3.78
STOCK-PILE	Q2600-05	07/15/2025	19:41	PP073817.D	8.78	3.78
END-OF-TRENCH	Q2600-09	07/15/2025	19:57	PP073818.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/15/2025	21:02	PP073819.D	8.77	3.78
IBLK	IBLK	07/15/2025	22:41	PP073823.D	8.78	3.78
OK-01-071425MS	Q2598-01MS	07/15/2025	23:13	PP073825.D	8.77	3.78
OK-01-071425MSD	Q2598-01MSD	07/15/2025	23:30	PP073826.D	8.77	3.78
AR1660CCC500	AR1660CCC500	07/16/2025	04:09	PP073834.D	8.77	3.78
IBLK	IBLK	07/16/2025	05:31	PP073838.D	8.77	3.78

Analytical Sequence



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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168852BS

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: PB168852BS

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073810.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.637	5.587	5.687	157	162	3.13
COLUMN 1	2	5.659	5.609	5.709	163		
	3	5.72	5.67	5.77	163		
	4	5.818	5.768	5.868	165		
	5	6.11	6.06	6.16	164		
	1	4.855	4.805	4.905	157		
COLUMN 2	2	4.872	4.822	4.922	155	157	
	3	5.049	4.999	5.099	160		
	4	5.09	5.04	5.14	156		
	5	5.304	5.254	5.354	157		
Aroclor-1260	1	7.227	7.177	7.277	168	151	4.53
COLUMN 1	2	7.48	7.43	7.53	148		
	3	7.838	7.788	7.888	138		
	4	8.062	8.012	8.112	153		
	5	8.379	8.329	8.429	149		
	1	6.333	6.283	6.383	164	158	
COLUMN 2	2	6.522	6.472	6.572	163		
	3	6.673	6.623	6.723	163		
	4	7.143	7.093	7.193	150		
	5	7.385	7.335	7.435	147		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TRENCH

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: Q2600-01

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073816.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1254	1	6.485	6.435	6.535	39.2	35.0		
	2	6.702	6.652	6.752	36.3			
	3	7.064	7.014	7.114	36.1			
	4	7.346	7.296	7.396	20.5			
	5	7.761	7.711	7.811	43.0			
COLUMN 1								
	1	5.654	5.604	5.704	48.8	33.3		
	2	5.803	5.753	5.853	30.6			
	3	6.205	6.155	6.255	36.8			
	4	6.432	6.382	6.482	18.8			
5	6.846	6.796	6.896	31.4				
COLUMN 2							4.98	
Aroclor-1260	1	7.22	7.17	7.27	81.2	49.8		
	2	7.474	7.424	7.524	77.3			
	3	7.838	7.788	7.888	23.6			
	4	8.06	8.01	8.11	38.4			
	5	8.379	8.329	8.429	28.6			
COLUMN 1								
	1	6.335	6.285	6.385	37.7	37.9		
	2	6.53	6.48	6.58	77.0			
	3	6.674	6.624	6.724	28.6			
	4	7.143	7.093	7.193	21.7			
5	7.386	7.336	7.436	24.6				
COLUMN 2							27.14	

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

STOCK-PILE

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: Q2600-05

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073817.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.483	6.433	6.533	9.22	11.1	34.92
COLUMN 1	2	6.702	6.652	6.752	12.2		
	3	7.063	7.013	7.113	12.7		
	4	7.349	7.299	7.399	7.96		
	5	7.76	7.71	7.81	13.5		
	1	5.654	5.604	5.704	6.94		
COLUMN 2	2	5.803	5.753	5.853	13.1	7.80	
	3	6.205	6.155	6.255	8.47		
	4	6.434	6.384	6.484	2.66		
	5	6.847	6.797	6.897	8.02		
Aroclor-1260	1	7.218	7.168	7.268	33.7	20.4	14.17
COLUMN 1	2	7.474	7.424	7.524	27.9		
	3	7.839	7.789	7.889	10.4		
	4	8.058	8.008	8.108	14.5		
	5	8.379	8.329	8.429	15.3		
	1	6.335	6.285	6.385	10.8		
COLUMN 2	2	6.53	6.48	6.58	28.7	17.7	
	3	6.673	6.623	6.723	13.0		
	4	7.144	7.094	7.194	26.1		
	5	7.386	7.336	7.436	9.95		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

END-OF-TRENCH

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: Q2600-09

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073818.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.481	6.431	6.531	160	168	9.35
COLUMN 1	2	6.698	6.648	6.748	171		
	3	7.061	7.011	7.111	171		
	4	7.343	7.293	7.393	163		
	5	7.758	7.708	7.808	173		
	1	5.654	5.604	5.704	149		
COLUMN 2	2	5.802	5.752	5.852	140	153	
	3	6.203	6.153	6.253	149		
	4	6.431	6.381	6.481	154		
	5	6.847	6.797	6.897	174		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OK-01-071425MS

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: Q2598-01MS

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073825.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.636	5.586	5.686	132	154	4.65
COLUMN 1	2	5.658	5.608	5.708	146		
	3	5.721	5.671	5.771	137		
	4	5.818	5.768	5.868	184		
	5	6.107	6.057	6.157	169		
COLUMN 2	1	4.854	4.804	4.904	153	147	
	2	4.871	4.821	4.921	144		
	3	5.048	4.998	5.098	149		
	4	5.09	5.04	5.14	156		
	5	5.303	5.253	5.353	134		
Aroclor-1260	1	7.226	7.176	7.276	164	143	5.02
COLUMN 1	2	7.48	7.43	7.53	162		
	3	7.838	7.788	7.888	124		
	4	8.06	8.01	8.11	131		
	5	8.379	8.329	8.429	134		
COLUMN 2	1	6.333	6.283	6.383	142	136	
	2	6.521	6.471	6.571	139		
	3	6.673	6.623	6.723	141		
	4	7.142	7.092	7.192	131		
	5	7.385	7.335	7.435	127		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OK-01-071425MSD

Lab Name: Alliance

Contract: TACO01

Lab Code: ACE

SDG NO.: Q2600

Lab Sample ID: Q2598-01MSD

Date(s) Analyzed: 07/15/2025 07/15/2025

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 PP073826.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.635	5.585	5.685	135	162	1.87
COLUMN 1	2	5.656	5.606	5.706	156		
	3	5.719	5.669	5.769	143		
	4	5.816	5.766	5.866	191		
	5	6.106	6.056	6.156	183		
	1	4.854	4.804	4.904	164		
COLUMN 2	2	4.87	4.82	4.92	158	159	
	3	5.047	4.997	5.097	160		
	4	5.09	5.04	5.14	166		
	5	5.302	5.252	5.352	145		
Aroclor-1260	1	7.224	7.174	7.274	169	150	2.7
COLUMN 1	2	7.478	7.428	7.528	170		
	3	7.836	7.786	7.886	127		
	4	8.058	8.008	8.108	143		
	5	8.376	8.326	8.426	141		
	1	6.332	6.282	6.382	151	146	
COLUMN 2	2	6.521	6.471	6.571	155		
	3	6.672	6.622	6.722	153		
	4	7.141	7.091	7.191	136		
	5	7.384	7.334	7.434	136		



QC SAMPLE DATA

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	PB168852BL	SDG No.:	Q2600
Lab Sample ID:	PB168852BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073809.D	1	07/15/25 08:40	07/15/25 17:30	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		32 - 175	106%	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\PP071525\
Data File : PP073809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:30
Operator : YP\AJ
Sample : PB168852BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168852BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.486	3.778	26830517	34042030	19.591	18.478
2) SA Decachlor...	10.172	8.775	21710629	28130725	19.899	21.260

Target Compounds

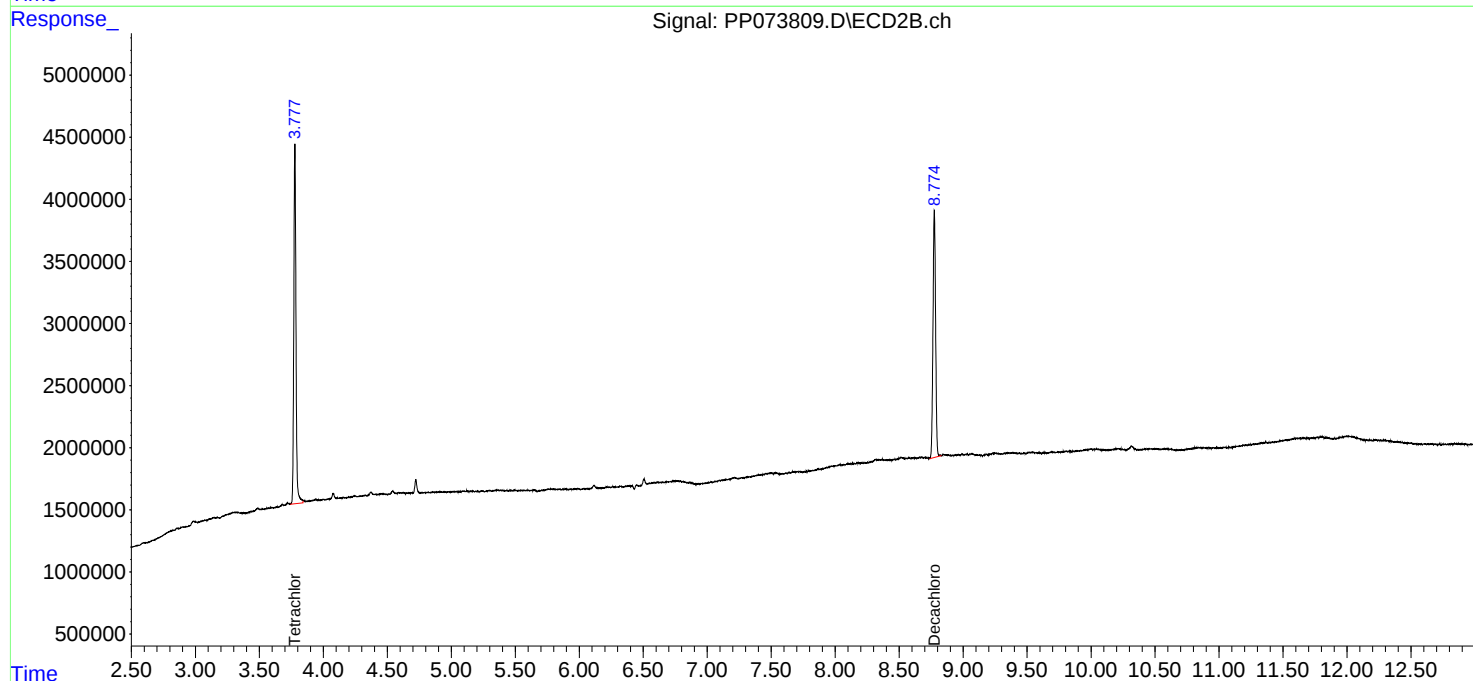
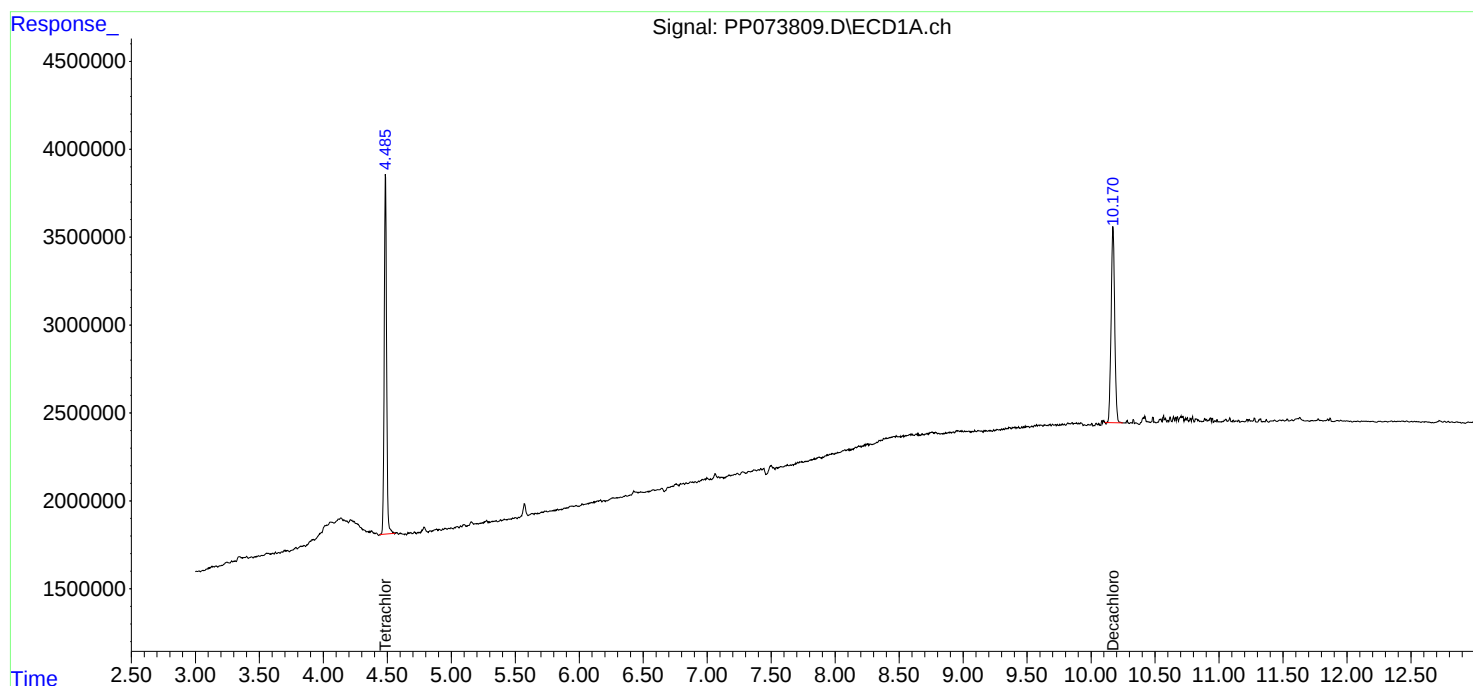
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

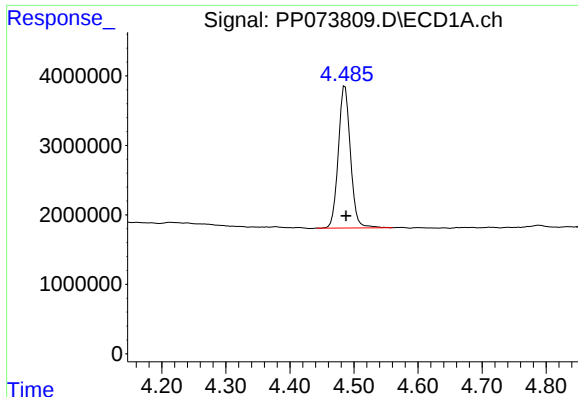
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:30
Operator : YP\AJ
Sample : PB168852BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168852BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

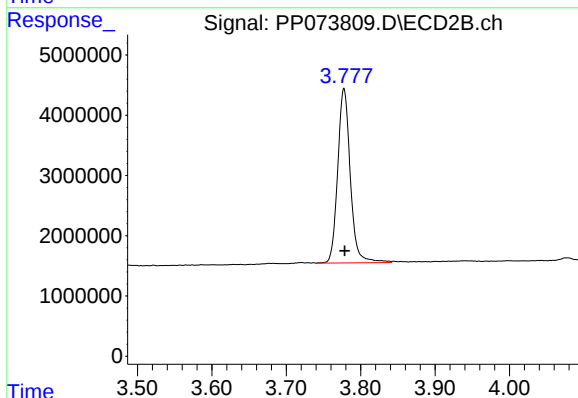




#1 Tetrachloro-m-xylene

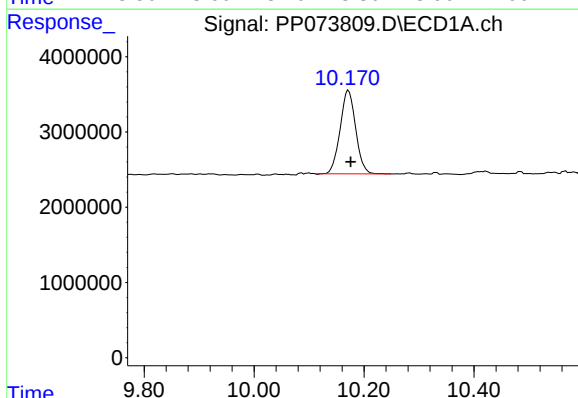
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 26830517
Conc: 19.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168852BL



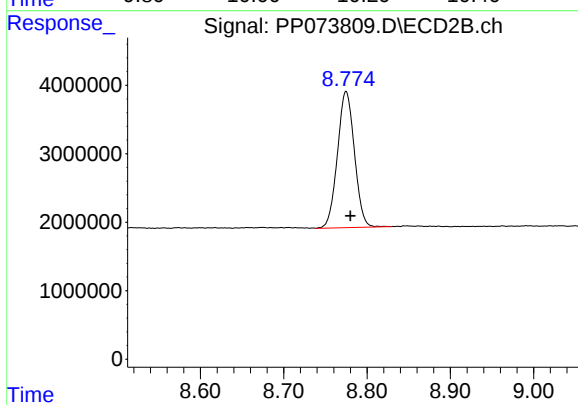
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 34042030
Conc: 18.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.172 min
Delta R.T.: -0.004 min
Response: 21710629
Conc: 19.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 28130725
Conc: 21.26 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/07/25
Project:	Kingsland Point Park Water Main	Date Received:	07/07/25
Client Sample ID:	PIBLK-PP073553.D	SDG No.:	Q2600
Lab Sample ID:	I.BLK-PP073553.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

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

Instrument :
ECD_P
ClientSampleId :
I.BLK

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

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.489	3.780	22153163	29828480	16.176	16.191
2)	SA Decachlor...	10.178	8.781	18922819	22582394	17.344	17.067

Target Compounds

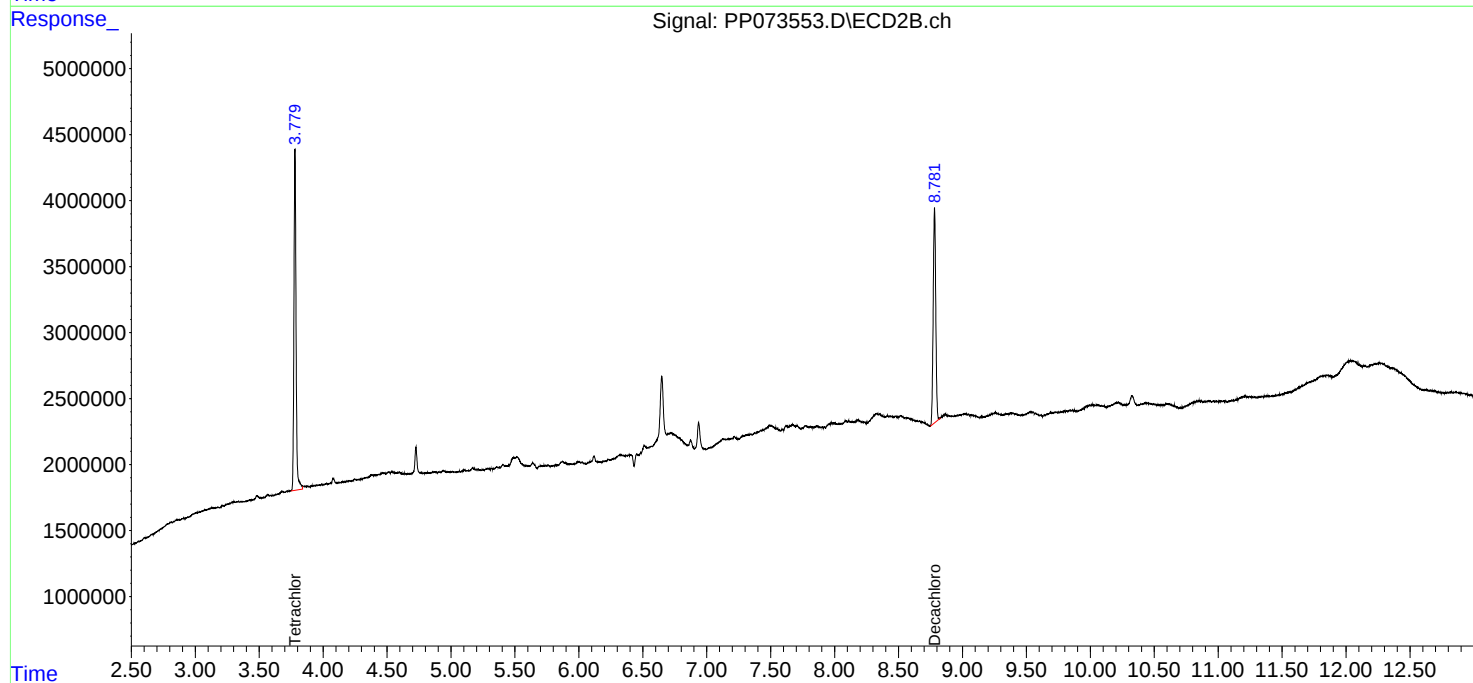
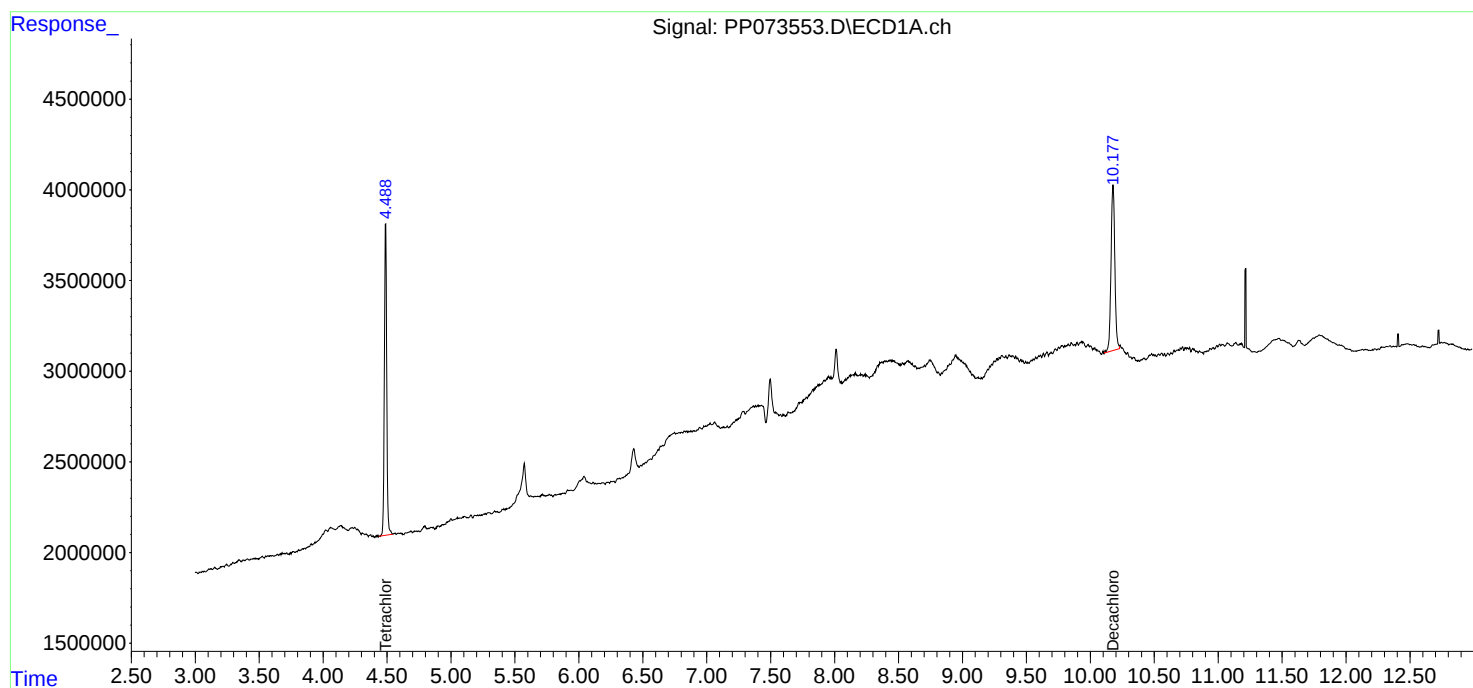
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

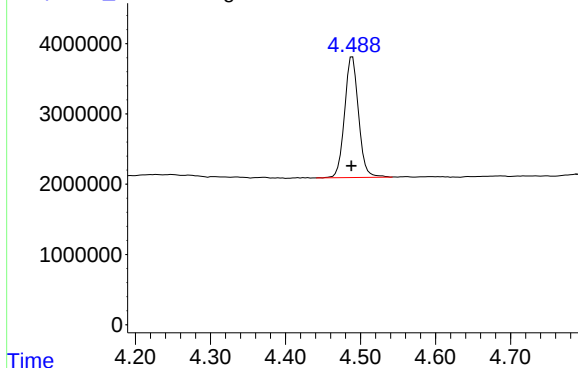
Instrument :
ECD_P
ClientSampleId :
I.BLK

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

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



Response_ Signal: PP073553.D\ECD1A.ch

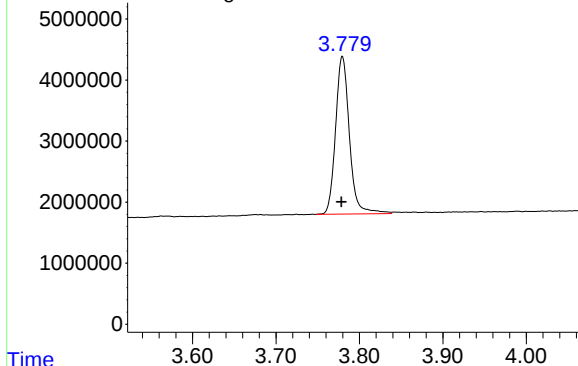


#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
I.BLK

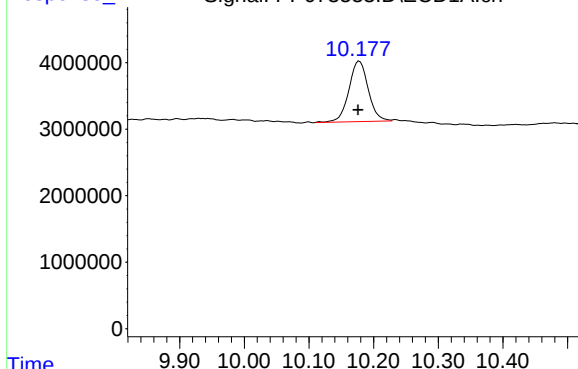
Response_ Signal: PP073553.D\ECD2B.ch



#1 Tetrachloro-m-xylene

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

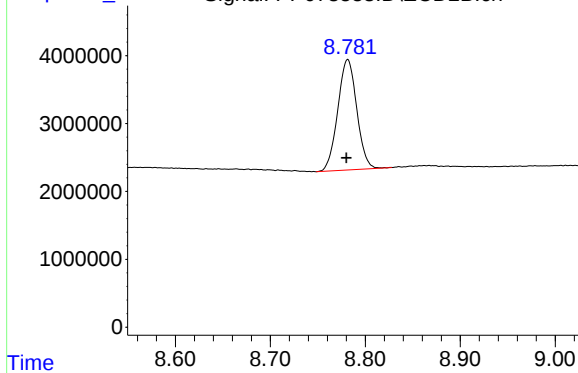
Response_ Signal: PP073553.D\ECD1A.ch



#2 Decachlorobiphenyl

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

Response_ Signal: PP073553.D\ECD2B.ch



#2 Decachlorobiphenyl

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

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/15/25
Project:	Kingsland Point Park Water Main	Date Received:	07/15/25
Client Sample ID:	PIBLK-PP073808.D	SDG No.:	Q2600
Lab Sample ID:	I.BLK-PP073808.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073808.D	1		07/15/25	pp071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 140	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:13
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 16 01:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.483	3.778	26868395	33669146	19.619	18.276
2) SA Decachlor...	10.167	8.776	21502859	27401978	19.708	20.710

Target Compounds

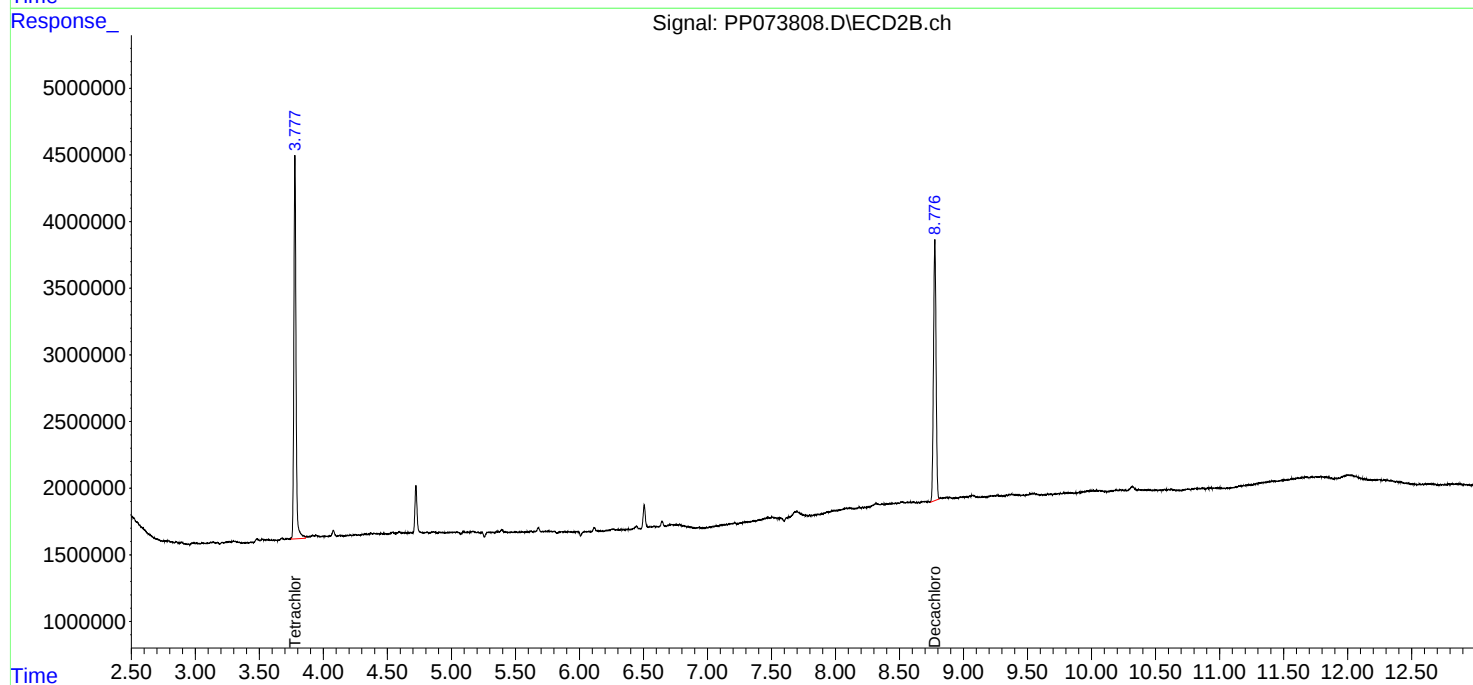
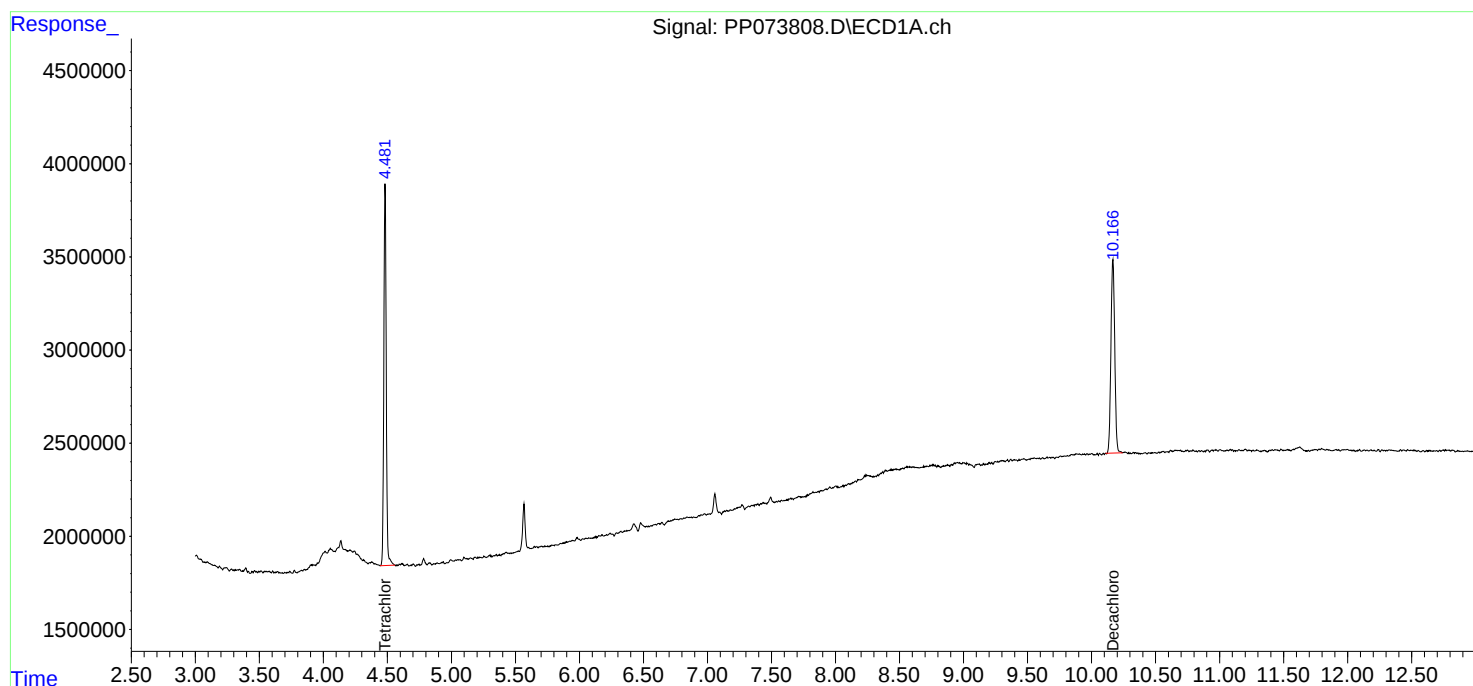
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

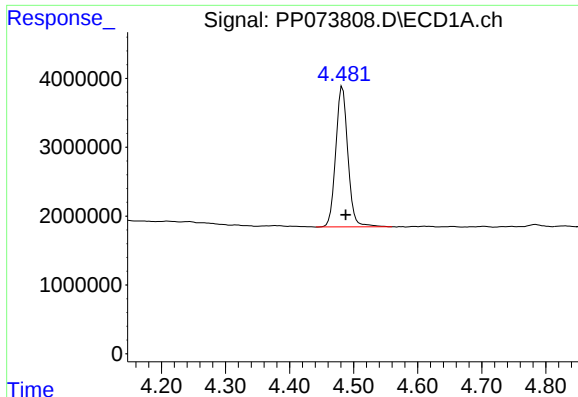
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073808.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

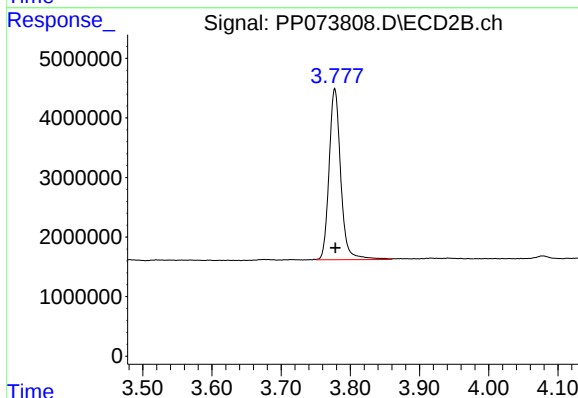




#1 Tetrachloro-m-xylene

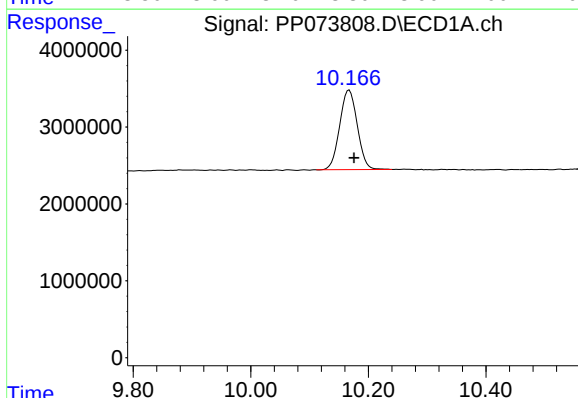
R.T.: 4.483 min
Delta R.T.: -0.005 min
Response: 26868395
Conc: 19.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



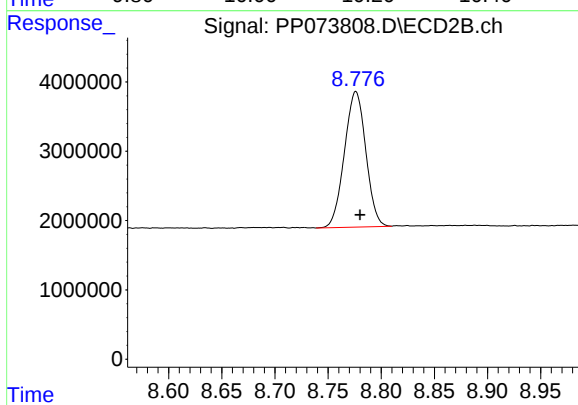
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33669146
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.167 min
Delta R.T.: -0.009 min
Response: 21502859
Conc: 19.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 27401978
Conc: 20.71 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/15/25
Project:	Kingsland Point Park Water Main	Date Received:	07/15/25
Client Sample ID:	PIBLK-PP073823.D	SDG No.:	Q2600
Lab Sample ID:	I.BLK-PP073823.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073823.D	1		07/15/25	pp071525

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	18.1		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 140	89%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:41
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 16 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.486	3.778	24788259	33308626	18.100	18.080
2)	SA Decachlor...	10.172	8.775	19317791	26989118	17.706	20.398

Target Compounds

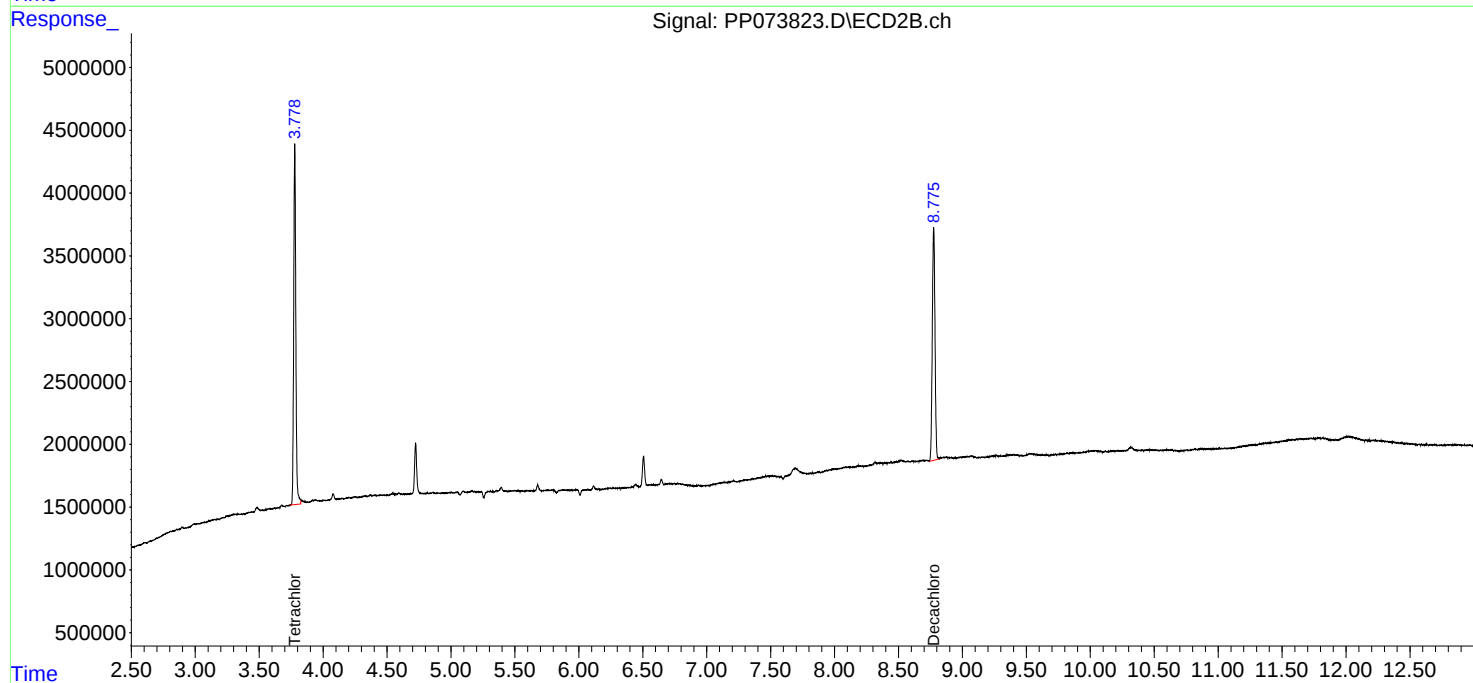
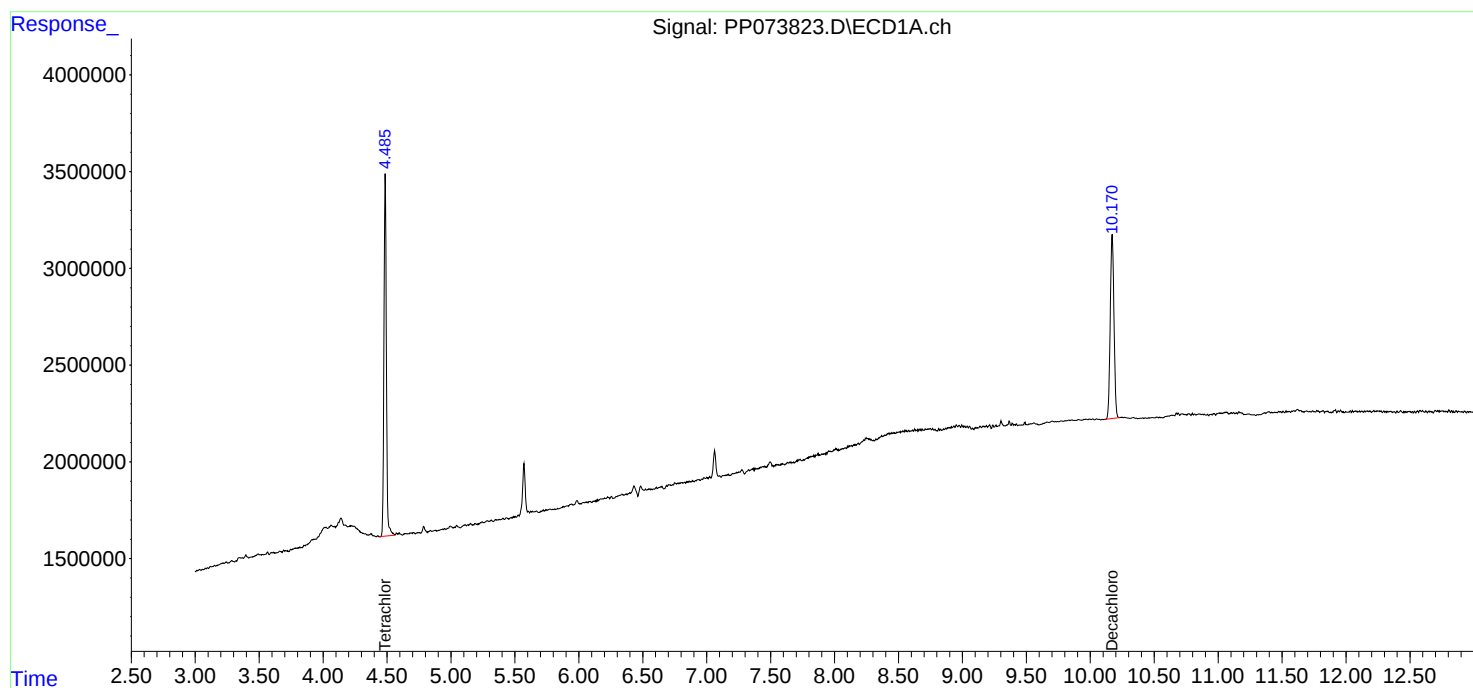
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

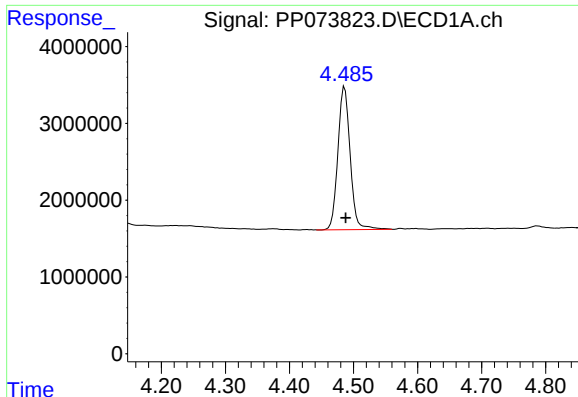
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 22:41
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

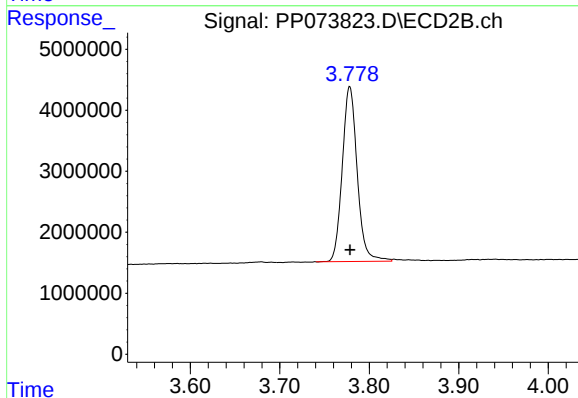




#1 Tetrachloro-m-xylene

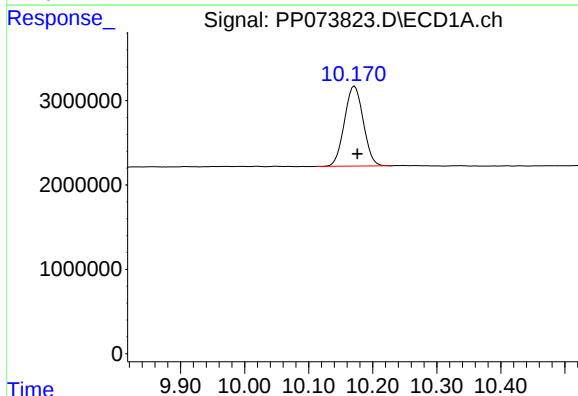
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 24788259
Conc: 18.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



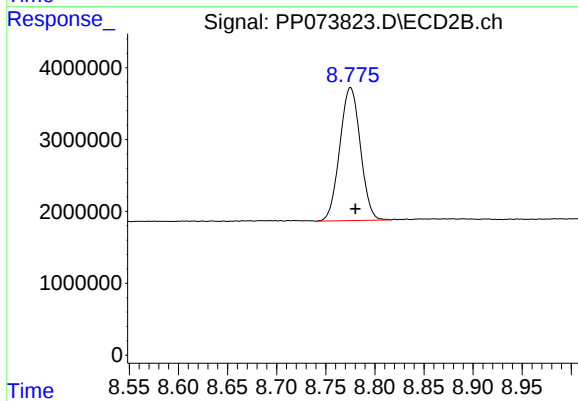
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33308626
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.172 min
Delta R.T.: -0.004 min
Response: 19317791
Conc: 17.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.005 min
Response: 26989118
Conc: 20.40 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/16/25
Project:	Kingsland Point Park Water Main	Date Received:	07/16/25
Client Sample ID:	PIBLK-PP073838.D	SDG No.:	Q2600
Lab Sample ID:	I.BLK-PP073838.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073838.D	1		07/16/25	pp071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		60 - 140	90%	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\PP071525\
Data File : PP073838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 05:31
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 16 06:35:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.483	3.776	24378825	33621193	17.801	18.250
2) SA Decachlor...	10.167	8.774	19722691	28585978	18.077	21.605

Target Compounds

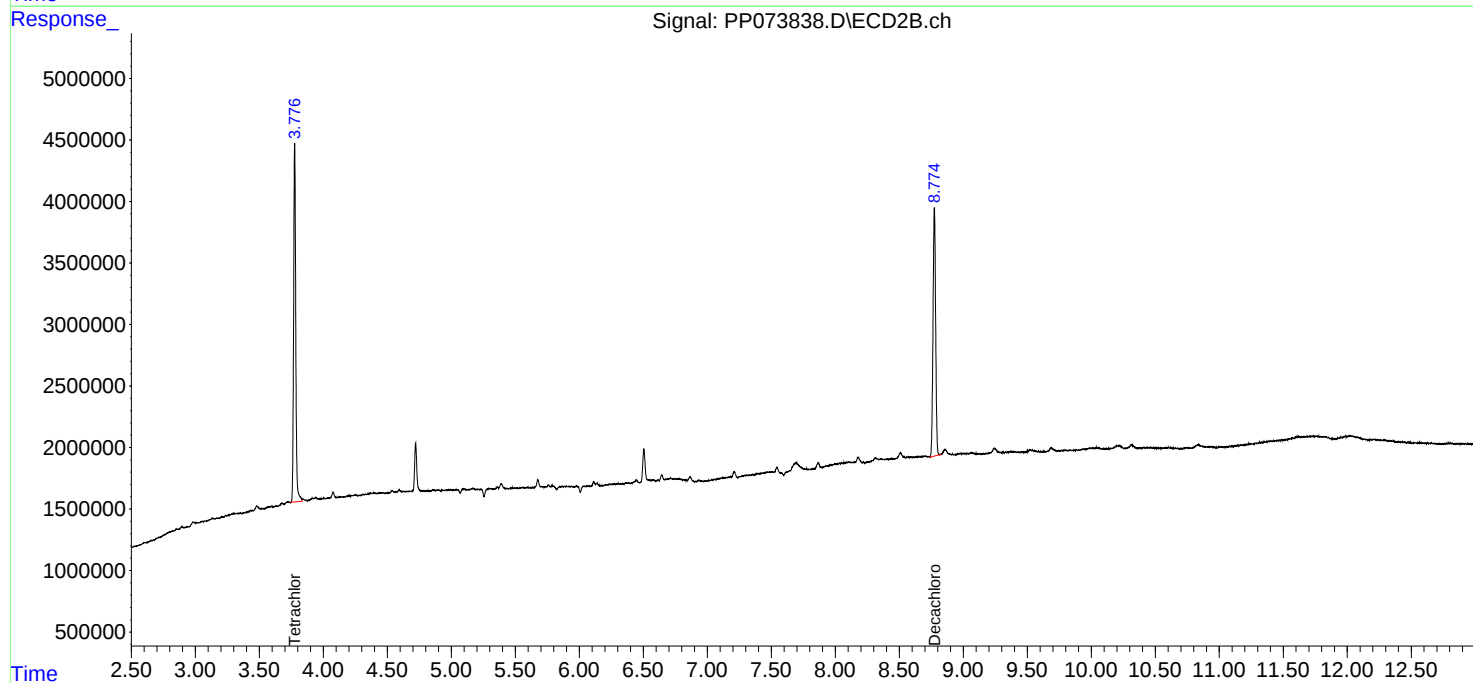
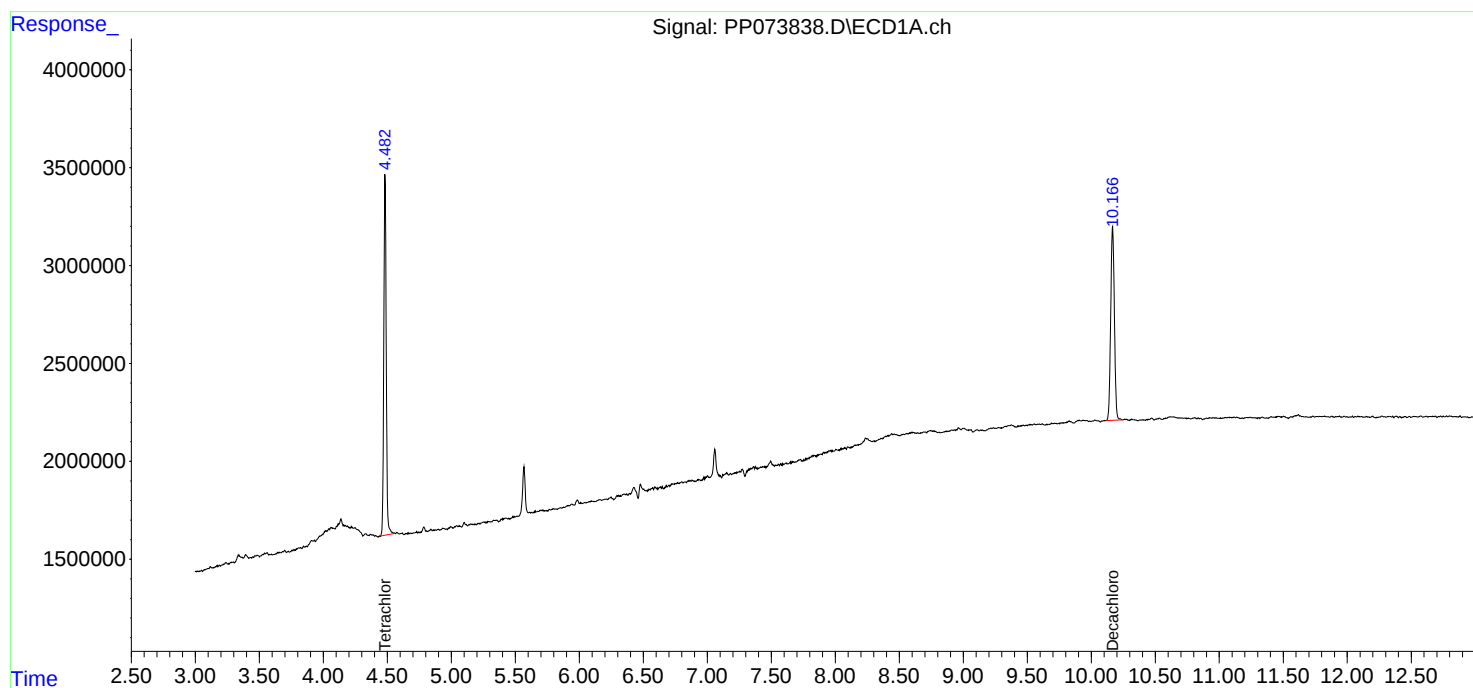
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

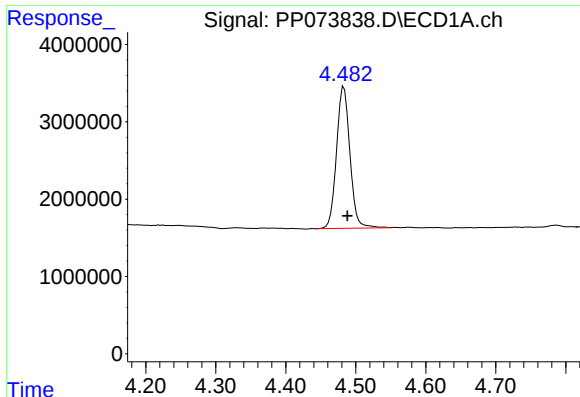
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 05:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 06:35:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

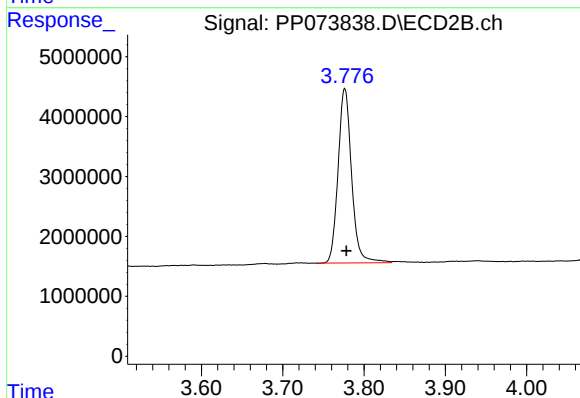




#1 Tetrachloro-m-xylene

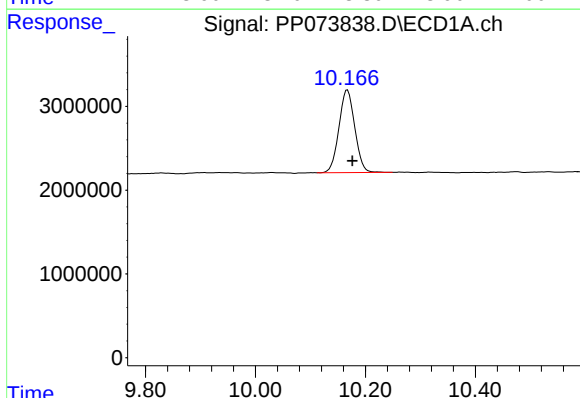
R.T.: 4.483 min
Delta R.T.: -0.005 min
Response: 24378825
Conc: 17.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



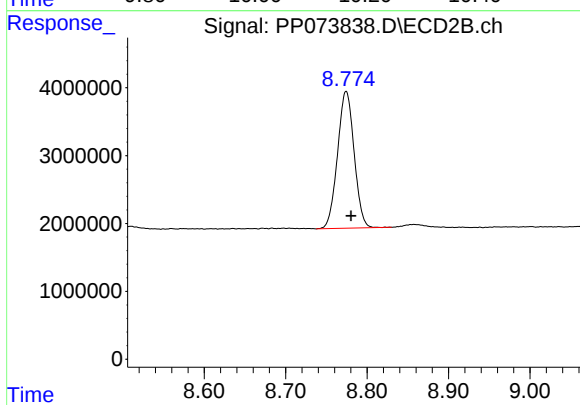
#1 Tetrachloro-m-xylene

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 33621193
Conc: 18.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.167 min
Delta R.T.: -0.009 min
Response: 19722691
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 28585978
Conc: 21.60 ng/ml

Report of Analysis

Client:	T&A Construction Inc	Date Collected:	
Project:	Kingsland Point Park Water Main	Date Received:	
Client Sample ID:	PB168852BS	SDG No.:	Q2600
Lab Sample ID:	PB168852BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073810.D	1	07/15/25 08:40	07/15/25 17:46	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	162		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	158		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		32 - 144	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 175	110%	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\PP071525\
 Data File : PP073810.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 17:46
 Operator : YP\AJ
 Sample : PB168852BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168852BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:49:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.486	3.777	28011983	33365848	20.454	18.111
2)	SA Decachlor...	10.172	8.775	22398224	29045542	20.529	21.952
Target Compounds							
3)	L1 AR-1016-1	5.637	4.855	22348456	32145876	470.359	471.522
4)	L1 AR-1016-2	5.659	4.872	34874600	47367982	489.709	464.919
5)	L1 AR-1016-3	5.720	5.049	21304763	26017086	487.935	480.851
6)	L1 AR-1016-4	5.818	5.090	17846566	20600241	496.489	469.459
7)	L1 AR-1016-5	6.110	5.304	15420546	25702109	492.191	470.885
31)	L7 AR-1260-1	7.227	6.333	29750910	48136346	504.584	493.401
32)	L7 AR-1260-2	7.480	6.522	42715419	60249248	445.696	490.479
33)	L7 AR-1260-3	7.838	6.673	30347334	53544895	415.315	489.156
34)	L7 AR-1260-4	8.062	7.143	29993141	40286037	459.314	450.584
35)	L7 AR-1260-5	8.379	7.385	67416615	99246861	446.903	441.614

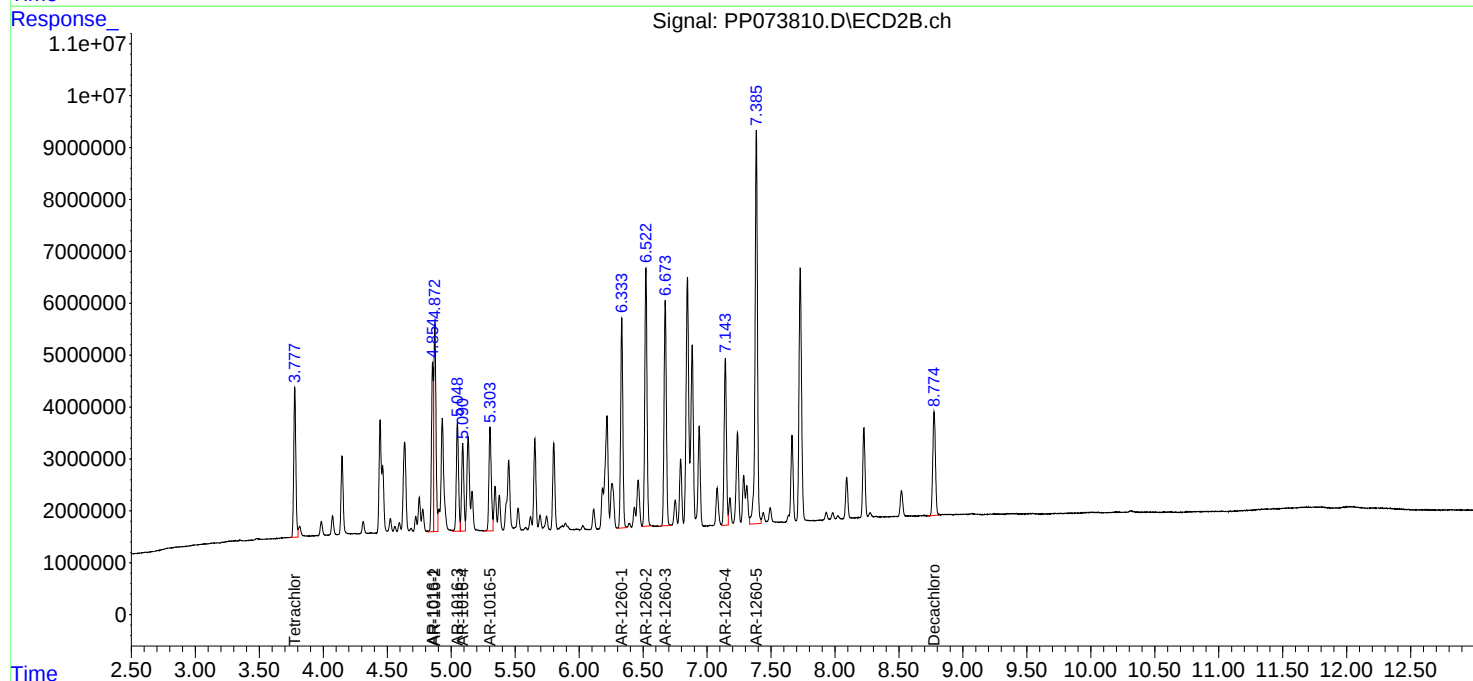
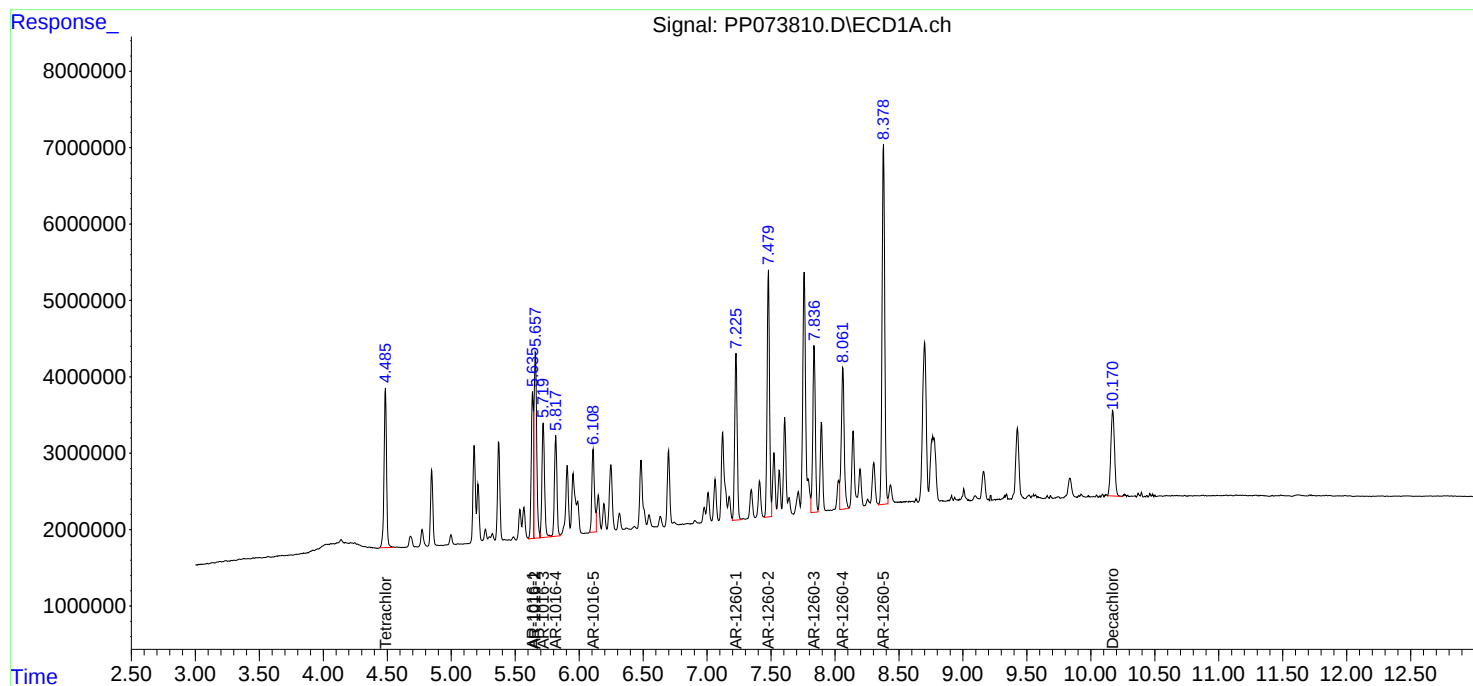
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073810.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 17:46
Operator : YP\AJ
Sample : PB168852BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168852BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	OK-01-071425MS	SDG No.:	Q2600
Lab Sample ID:	Q2598-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.8
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073825.D	1	07/15/25 08:40	07/15/25 23:13	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	154		4.10	17.5	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.5	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.5	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.5	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.5	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.5	ug/kg
11096-82-5	Aroclor-1260	143		3.30	17.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		32 - 175	100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
 Data File : PP073825.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 23:13
 Operator : YP\AJ
 Sample : Q2598-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 OK-01-071425MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:55:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.485	3.777	22641678	34785989	16.532m	18.882
2) SA Decachlor...	10.170	8.774	20716616	26536568	18.988	20.056
Target Compounds						
3) L1 AR-1016-1	5.636	4.854	18291746	30347228	384.979	445.139
4) L1 AR-1016-2	5.658	4.871	30281427	42782315	425.212	419.910
5) L1 AR-1016-3	5.721	5.048	17369079	23493080	397.798	434.202
6) L1 AR-1016-4	5.818	5.090	19300513	19958621	536.937	454.837
7) L1 AR-1016-5	6.107	5.303	15372302	21261779	490.651m	389.535
31) L7 AR-1260-1	7.226	6.333	28166096	40435789	477.705	414.470
32) L7 AR-1260-2	7.480	6.521	45222319	49641421	471.853	404.122
33) L7 AR-1260-3	7.838	6.673	26302256	44915346	359.957	410.321
34) L7 AR-1260-4	8.060	7.142	24959823	34011813	382.234m	380.409
35) L7 AR-1260-5	8.379	7.385	59020736	83062657	391.247	369.600

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073825.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:13
Operator : YP\AJ
Sample : Q2598-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

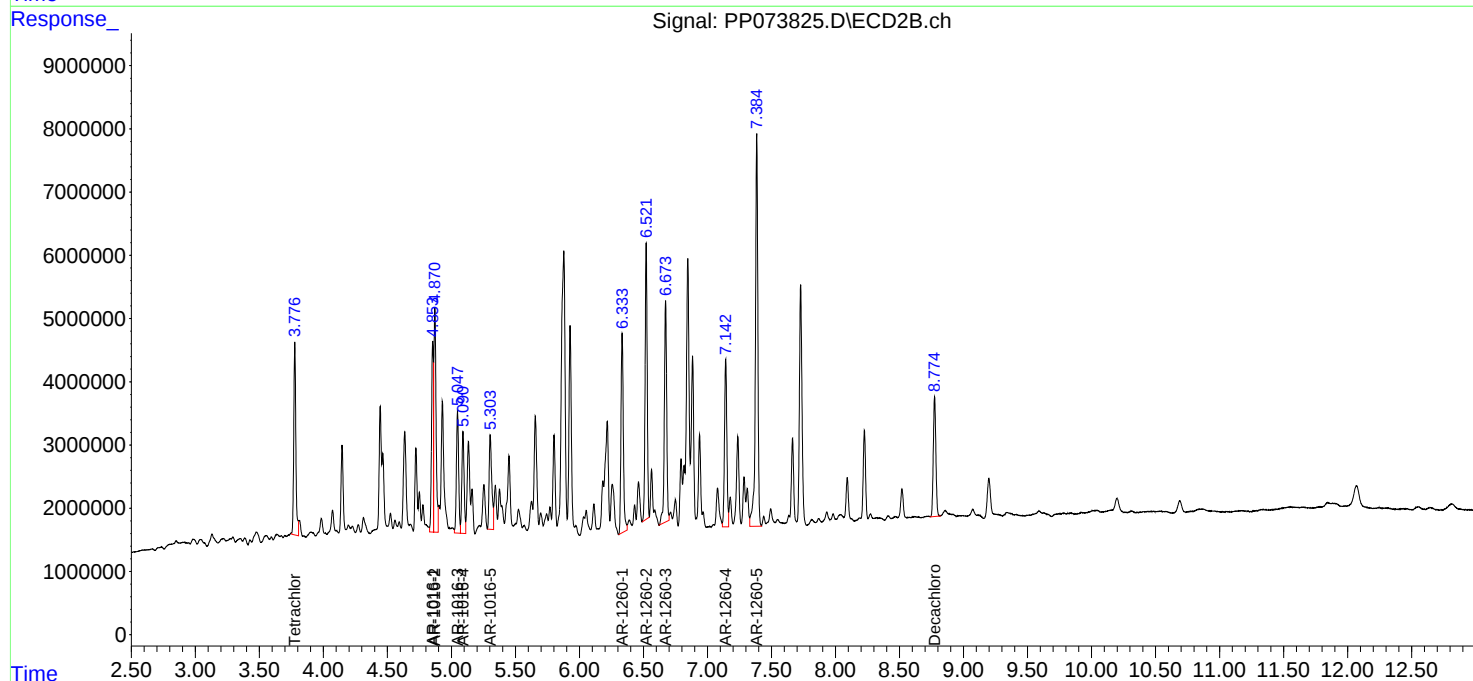
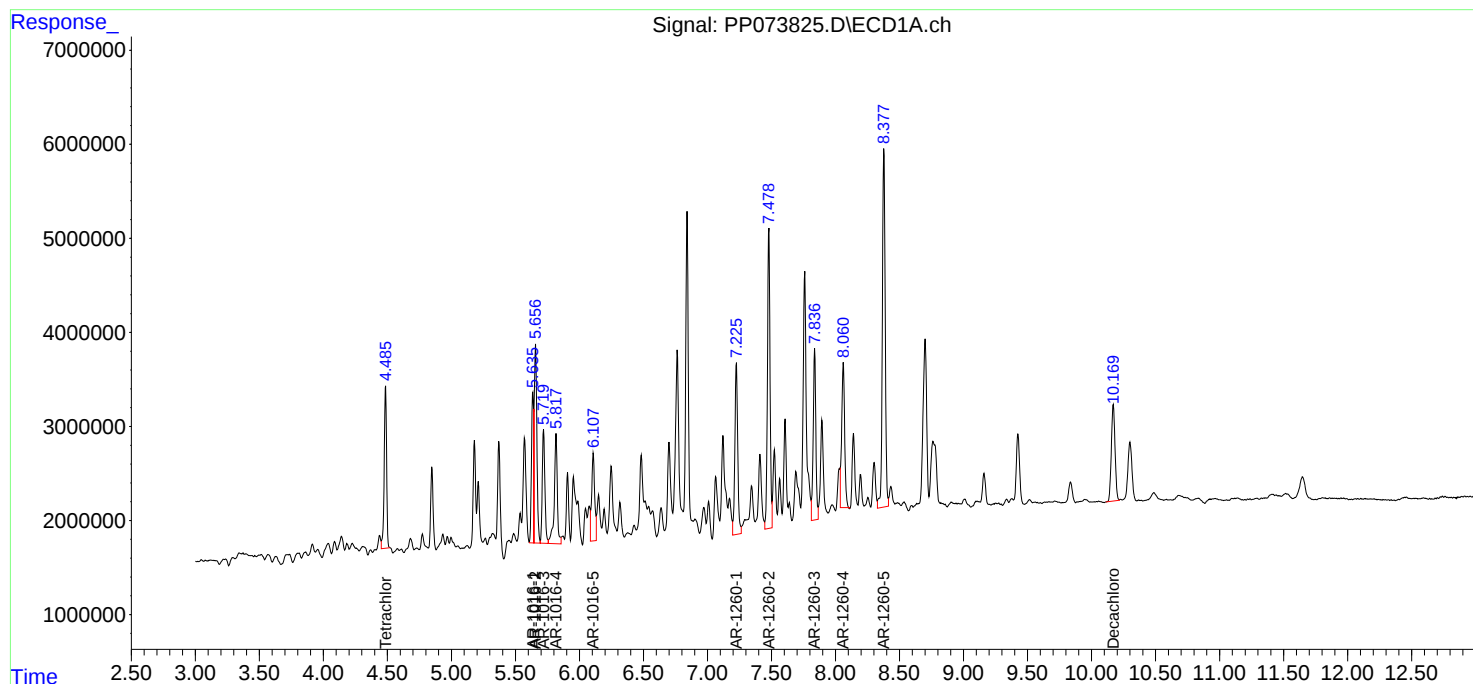
Instrument :
ECD_P
ClientSampleId :
OK-01-071425MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:55:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	T&A Construction Inc	Date Collected:	07/14/25
Project:	Kingsland Point Park Water Main	Date Received:	07/14/25
Client Sample ID:	OK-01-071425MSD	SDG No.:	Q2600
Lab Sample ID:	Q2598-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073826.D	1	07/15/25 08:40	07/15/25 23:30	PB168852

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	162		4.10	17.6	ug/kg
11104-28-2	Aroclor-1221	4.20	U	4.20	17.6	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.6	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.6	ug/kg
12672-29-6	Aroclor-1248	6.10	U	6.10	17.6	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.6	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	17.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.6	ug/kg
11096-82-5	Aroclor-1260	150		3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.2		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 175	110%	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\PP071525\
 Data File : PP073826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 23:30
 Operator : YP\AJ
 Sample : Q2598-01MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 OK-01-071425MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:55:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.483	3.776	24529195	39130978	17.911m	21.240
2) SA Decachlor...	10.168	8.773	21777461	29029892	19.960	21.940
Target Compounds						
3) L1 AR-1016-1	5.635	4.854	18648577	32449281	392.489	475.972
4) L1 AR-1016-2	5.656	4.870	32240713	46671096	452.724	458.079
5) L1 AR-1016-3	5.719	5.047	18116776	25181667	414.922	465.411
6) L1 AR-1016-4	5.816	5.090	19931640	21217801	554.495	483.532
7) L1 AR-1016-5	6.106	5.302	16685994	22973906	532.581m	420.902
31) L7 AR-1260-1	7.224	6.332	29013877	42837365	492.084	439.086
32) L7 AR-1260-2	7.478	6.521	47346013	55399023	494.012	450.994m
33) L7 AR-1260-3	7.836	6.672	27034015	48633620	369.971	444.289
34) L7 AR-1260-4	8.058	7.141	27222151	35409166	416.879m	396.038
35) L7 AR-1260-5	8.376	7.384	61724003	88575638	409.167	394.131

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071525\
Data File : PP073826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 23:30
Operator : YP\AJ
Sample : Q2598-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

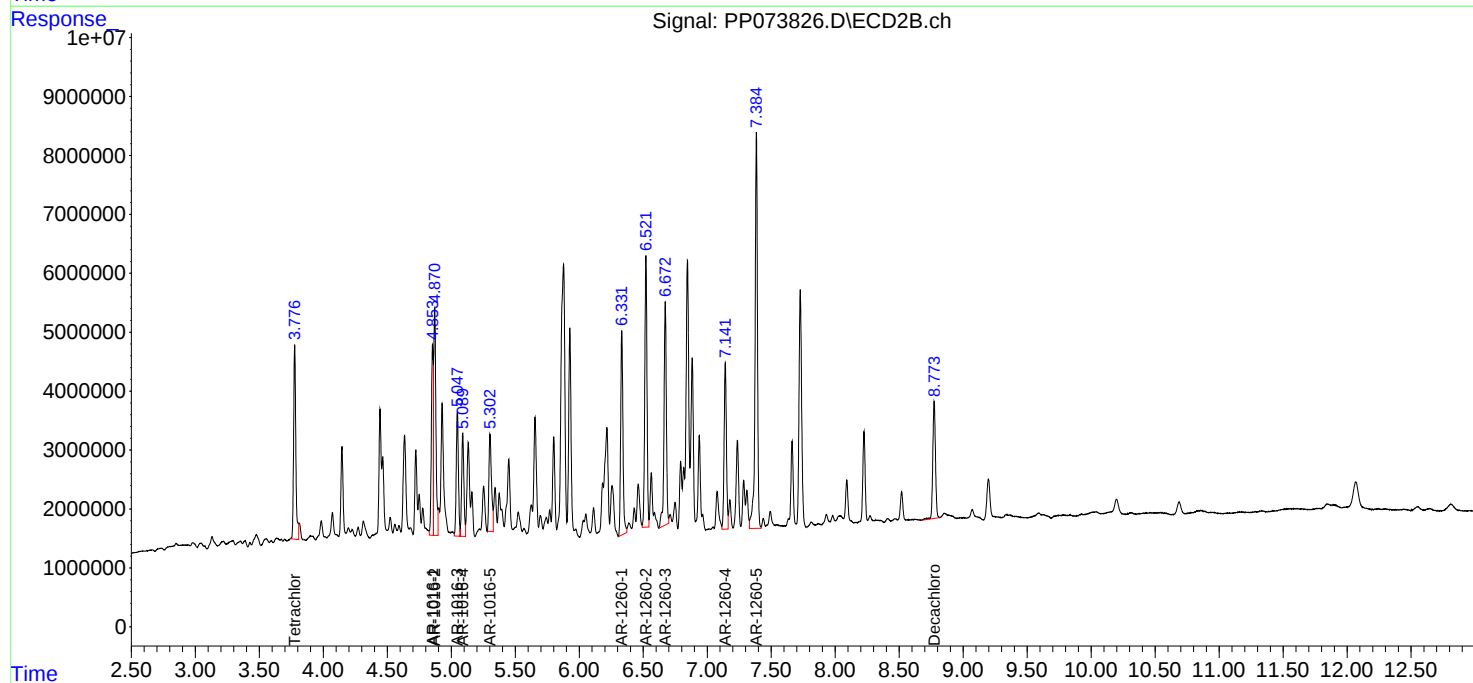
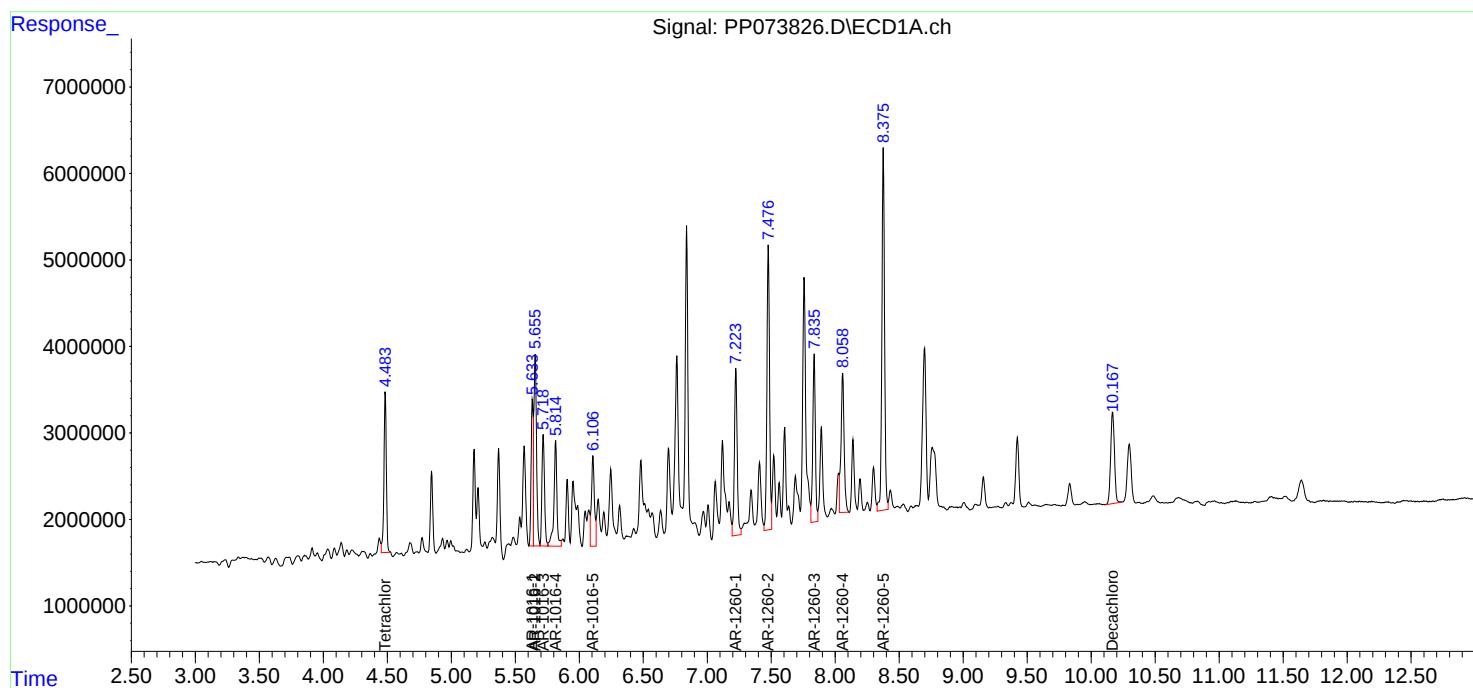
Instrument :
ECD_P
ClientSampleId :
OK-01-071425MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:55:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:

pp070825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP073557.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC250	PP073557.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1016-1	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-1 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-1	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-2	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-3	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-5	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-1	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-4	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-5	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

pp070825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073575.D	AR-1254-1	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-2	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-3	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-4	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC250	PP073580.D	AR-1268-1 #2	yogesh	7/8/2025 8:51:24 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC050	PP073581.D	AR-1268-5	yogesh	7/8/2025 8:51:26 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

pp071525

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2600-01	PP073816.D	AR-1260-2 #2	yogesh	7/16/2025 8:04:13 AM	 	 	Peak Integrated by Software
Q2600-01	PP073816.D	Tetrachloro-m-xylene	yogesh	7/16/2025 8:04:13 AM	 	 	Peak Integrated by Software
Q2600-05	PP073817.D	AR-1254-1 #2	yogesh	7/16/2025 8:04:17 AM	 	 	Peak Integrated by Software
Q2600-05	PP073817.D	Tetrachloro-m-xylene	yogesh	7/16/2025 8:04:17 AM	 	 	Peak Integrated by Software
Q2600-09	PP073818.D	AR-1254-1	yogesh	7/16/2025 8:04:18 AM	 	 	Peak Integrated by Software
Q2600-09	PP073818.D	Tetrachloro-m-xylene	yogesh	7/16/2025 8:04:18 AM	 	 	Peak Integrated by Software
Q2598-01MS	PP073825.D	AR-1016-5	yogesh	7/16/2025 8:04:22 AM	 	 	Peak Integrated by Software
Q2598-01MS	PP073825.D	AR-1260-4	yogesh	7/16/2025 8:04:22 AM	 	 	Peak Integrated by Software
Q2598-01MS	PP073825.D	Tetrachloro-m-xylene	yogesh	7/16/2025 8:04:22 AM	 	 	Peak Integrated by Software
Q2598-01MSD	PP073826.D	AR-1016-5	yogesh	7/16/2025 8:04:23 AM	 	 	Peak Integrated by Software
Q2598-01MSD	PP073826.D	AR-1260-2 #2	yogesh	7/16/2025 8:04:23 AM	 	 	Peak Integrated by Software
Q2598-01MSD	PP073826.D	AR-1260-4	yogesh	7/16/2025 8:04:23 AM	 	 	Peak Integrated by Software
Q2598-01MSD	PP073826.D	Tetrachloro-m-xylene	yogesh	7/16/2025 8:04:23 AM	 	 	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pp071525

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073834.D	AR-1016-5 #2	yogesh	7/16/2025 8:04:31 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073834.D	AR-1260-2	yogesh	7/16/2025 8:04:31 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073552.D	07 Jul 2025 20:13	YP\AJ	Ok
2	I.BLK	PP073553.D	07 Jul 2025 20:30	YP\AJ	Ok
3	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03	YP\AJ	Ok
4	AR1660ICC750	PP073555.D	07 Jul 2025 21:19	YP\AJ	Ok
5	AR1660ICC500	PP073556.D	07 Jul 2025 21:35	YP\AJ	Ok
6	AR1660ICC250	PP073557.D	07 Jul 2025 21:52	YP\AJ	Ok,M
7	AR1660ICC050	PP073558.D	07 Jul 2025 22:08	YP\AJ	Ok,M
8	AR1221ICC500	PP073559.D	07 Jul 2025 22:24	YP\AJ	Ok
9	AR1232ICC500	PP073560.D	07 Jul 2025 22:41	YP\AJ	Ok
10	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57	YP\AJ	Ok
11	AR1242ICC750	PP073562.D	07 Jul 2025 23:14	YP\AJ	Ok
12	AR1242ICC500	PP073563.D	07 Jul 2025 23:30	YP\AJ	Ok
13	AR1242ICC250	PP073564.D	07 Jul 2025 23:46	YP\AJ	Ok
14	AR1242ICC050	PP073565.D	08 Jul 2025 00:03	YP\AJ	Ok,M
15	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19	YP\AJ	Ok
16	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35	YP\AJ	Ok
17	AR1248ICC500	PP073568.D	08 Jul 2025 00:52	YP\AJ	Ok
18	AR1248ICC250	PP073569.D	08 Jul 2025 01:08	YP\AJ	Ok
19	AR1248ICC050	PP073570.D	08 Jul 2025 01:25	YP\AJ	Ok,M
20	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41	YP\AJ	Ok
21	AR1254ICC750	PP073572.D	08 Jul 2025 01:57	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

22	AR1254ICC500	PP073573.D	08 Jul 2025 02:14	YP\AJ	Ok
23	AR1254ICC250	PP073574.D	08 Jul 2025 02:30	YP\AJ	Ok
24	AR1254ICC050	PP073575.D	08 Jul 2025 02:46	YP\AJ	Ok,M
25	AR1262ICC500	PP073576.D	08 Jul 2025 03:03	YP\AJ	Ok
26	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19	YP\AJ	Ok
27	AR1268ICC750	PP073578.D	08 Jul 2025 03:35	YP\AJ	Ok
28	AR1268ICC500	PP073579.D	08 Jul 2025 03:52	YP\AJ	Ok
29	AR1268ICC250	PP073580.D	08 Jul 2025 04:08	YP\AJ	Ok,M
30	AR1268ICC050	PP073581.D	08 Jul 2025 04:24	YP\AJ	Ok,M
31	PP070125ICV500	PP073582.D	08 Jul 2025 04:41	YP\AJ	Ok
32	AR1242ICV500	PP073583.D	08 Jul 2025 05:30	YP\AJ	Ok
33	AR1248ICV500	PP073584.D	08 Jul 2025 05:46	YP\AJ	Ok
34	AR1254ICV500	PP073585.D	08 Jul 2025 06:19	YP\AJ	Ok
35	AR1268ICV500	PP073586.D	08 Jul 2025 06:52	YP\AJ	Ok
36	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073788.D	15 Jul 2025 08:49	YP\AJ	Ok
2	AR1660CCC500	PP073789.D	15 Jul 2025 09:05	YP\AJ	Ok
3	AR1242CCC500	PP073790.D	15 Jul 2025 09:33	YP\AJ	Ok
4	AR1248CCC500	PP073791.D	15 Jul 2025 09:49	YP\AJ	Ok
5	AR1254CCC500	PP073792.D	15 Jul 2025 10:05	YP\AJ	Ok
6	I.BLK	PP073793.D	15 Jul 2025 10:22	YP\AJ	Ok
7	DDT ANALOG	PP073794.D	15 Jul 2025 10:38	YP\AJ	Ok
8	PB168851BL	PP073795.D	15 Jul 2025 12:50	YP\AJ	Ok
9	PB168851BS	PP073796.D	15 Jul 2025 13:07	YP\AJ	Ok
10	Q2599-01	PP073797.D	15 Jul 2025 13:23	YP\AJ	Ok,NS
11	Q2599-02	PP073798.D	15 Jul 2025 13:40	YP\AJ	Ok
12	Q2599-03	PP073799.D	15 Jul 2025 13:56	YP\AJ	Not Ok
13	Q2601-01	PP073800.D	15 Jul 2025 14:13	YP\AJ	Ok
14	Q2601-02	PP073801.D	15 Jul 2025 14:29	YP\AJ	Ok
15	Q2601-03	PP073802.D	15 Jul 2025 14:46	YP\AJ	Ok
16	Q2601-04	PP073803.D	15 Jul 2025 15:02	YP\AJ	Ok
17	AR1660CCC500	PP073804.D	15 Jul 2025 16:08	YP\AJ	Ok
18	AR1242CCC500	PP073805.D	15 Jul 2025 16:24	YP\AJ	Ok
19	AR1248CCC500	PP073806.D	15 Jul 2025 16:40	YP\AJ	Ok
20	AR1254CCC500	PP073807.D	15 Jul 2025 16:57	YP\AJ	Ok
21	I.BLK	PP073808.D	15 Jul 2025 17:13	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB168852BL	PP073809.D	15 Jul 2025 17:30	YP\AJ	Ok
23	PB168852BS	PP073810.D	15 Jul 2025 17:46	YP\AJ	Ok
24	Q2601-05	PP073811.D	15 Jul 2025 18:02	YP\AJ	Ok
25	Q2601-06	PP073812.D	15 Jul 2025 18:19	YP\AJ	Ok
26	Q2507-01	PP073813.D	15 Jul 2025 18:35	YP\AJ	Ok,NS
27	Q2592-01	PP073814.D	15 Jul 2025 18:52	YP\AJ	Ok,NS
28	Q2595-01	PP073815.D	15 Jul 2025 19:08	YP\AJ	Ok
29	Q2600-01	PP073816.D	15 Jul 2025 19:24	YP\AJ	Ok,NS
30	Q2600-05	PP073817.D	15 Jul 2025 19:41	YP\AJ	Ok,NS
31	Q2600-09	PP073818.D	15 Jul 2025 19:57	YP\AJ	Ok,NS
32	AR1660CCC500	PP073819.D	15 Jul 2025 21:02	YP\AJ	Ok
33	AR1242CCC500	PP073820.D	15 Jul 2025 21:52	YP\AJ	Ok
34	AR1248CCC500	PP073821.D	15 Jul 2025 22:08	YP\AJ	Ok
35	AR1254CCC500	PP073822.D	15 Jul 2025 22:24	YP\AJ	Ok
36	I.BLK	PP073823.D	15 Jul 2025 22:41	YP\AJ	Ok
37	Q2598-01	PP073824.D	15 Jul 2025 22:57	YP\AJ	Ok,NS
38	Q2598-01MS	PP073825.D	15 Jul 2025 23:13	YP\AJ	Ok,NS
39	Q2598-01MSD	PP073826.D	15 Jul 2025 23:30	YP\AJ	Ok,NS
40	Q2587-01	PP073827.D	15 Jul 2025 23:46	YP\AJ	Ok,NS
41	Q2587-02	PP073828.D	16 Jul 2025 00:03	YP\AJ	Ok,NS
42	Q2587-03	PP073829.D	16 Jul 2025 00:19	YP\AJ	Ok,NS
43	Q2597-01	PP073830.D	16 Jul 2025 00:35	YP\AJ	Dilution
44	PB168869BL	PP073831.D	16 Jul 2025 00:52	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	PB168869BS	PP073832.D	16 Jul 2025 01:09	YP\AJ	Ok
46	Q2607-01	PP073833.D	16 Jul 2025 01:26	YP\AJ	Ok
47	AR1660CCC500	PP073834.D	16 Jul 2025 04:09	YP\AJ	Ok,NS
48	AR1242CCC500	PP073835.D	16 Jul 2025 04:42	YP\AJ	Ok
49	AR1248CCC500	PP073836.D	16 Jul 2025 04:59	YP\AJ	Ok
50	AR1254CCC500	PP073837.D	16 Jul 2025 05:15	YP\AJ	Ok
51	I.BLK	PP073838.D	16 Jul 2025 05:31	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073552.D	07 Jul 2025 20:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP073553.D	07 Jul 2025 20:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073555.D	07 Jul 2025 21:19		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073556.D	07 Jul 2025 21:35		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073557.D	07 Jul 2025 21:52		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP073558.D	07 Jul 2025 22:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073559.D	07 Jul 2025 22:24		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073560.D	07 Jul 2025 22:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073562.D	07 Jul 2025 23:14		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073563.D	07 Jul 2025 23:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073564.D	07 Jul 2025 23:46		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073565.D	08 Jul 2025 00:03		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19		YP\AJ	Ok
16	AR1248ICCC750	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073568.D	08 Jul 2025 00:52		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073569.D	08 Jul 2025 01:08		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC050	AR1248ICC050	PP073570.D	08 Jul 2025 01:25		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073572.D	08 Jul 2025 01:57		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073573.D	08 Jul 2025 02:14		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073574.D	08 Jul 2025 02:30		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073575.D	08 Jul 2025 02:46		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073576.D	08 Jul 2025 03:03		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073578.D	08 Jul 2025 03:35		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073579.D	08 Jul 2025 03:52		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073580.D	08 Jul 2025 04:08		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073581.D	08 Jul 2025 04:24		YPIAJ	Ok,M
31	PP070125ICV500	ICVPP070825	PP073582.D	08 Jul 2025 04:41		YPIAJ	Ok
32	AR1242ICV500	ICVPP070825AR1242	PP073583.D	08 Jul 2025 05:30		YPIAJ	Ok
33	AR1248ICV500	ICVPP070825AR1248	PP073584.D	08 Jul 2025 05:46		YPIAJ	Ok
34	AR1254ICV500	ICVPP070825AR1254	PP073585.D	08 Jul 2025 06:19		YPIAJ	Ok
35	AR1268ICV500	ICVPP070825AR1268	PP073586.D	08 Jul 2025 06:52		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,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	PP073788.D	15 Jul 2025 08:49		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073789.D	15 Jul 2025 09:05		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073790.D	15 Jul 2025 09:33	DCB and TCMX high in 1st column	YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073791.D	15 Jul 2025 09:49		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073792.D	15 Jul 2025 10:05		YPIAJ	Ok
6	I.BLK	I.BLK	PP073793.D	15 Jul 2025 10:22		YPIAJ	Ok
7	DDT ANALOG	DDT ANALOG	PP073794.D	15 Jul 2025 10:38		YPIAJ	Ok
8	PB168851BL	PB168851BL	PP073795.D	15 Jul 2025 12:50		YPIAJ	Ok
9	PB168851BS	PB168851BS	PP073796.D	15 Jul 2025 13:07		YPIAJ	Ok
10	Q2599-01	A1	PP073797.D	15 Jul 2025 13:23	AR1248 Hit	YPIAJ	Ok,NS
11	Q2599-02	A2	PP073798.D	15 Jul 2025 13:40	AR1248 Hit	YPIAJ	Ok
12	Q2599-03	B1	PP073799.D	15 Jul 2025 13:56	need cleanup	YPIAJ	Not Ok
13	Q2601-01	7-14-25-1	PP073800.D	15 Jul 2025 14:13	AR1254 Hit	YPIAJ	Ok
14	Q2601-02	7-14-25-2	PP073801.D	15 Jul 2025 14:29	AR1254 Hit	YPIAJ	Ok
15	Q2601-03	7-14-25-3	PP073802.D	15 Jul 2025 14:46	AR1254 Hit	YPIAJ	Ok
16	Q2601-04	7-14-25-4	PP073803.D	15 Jul 2025 15:02	AR1254 Hit	YPIAJ	Ok
17	AR1660CCC500	AR1660CCC500	PP073804.D	15 Jul 2025 16:08		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,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	AR1242CCC500	AR1242CCC500	PP073805.D	15 Jul 2025 16:24		YPIAJ	Ok
19	AR1248CCC500	AR1248CCC500	PP073806.D	15 Jul 2025 16:40		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073807.D	15 Jul 2025 16:57		YPIAJ	Ok
21	I.BLK	I.BLK	PP073808.D	15 Jul 2025 17:13		YPIAJ	Ok
22	PB168852BL	PB168852BL	PP073809.D	15 Jul 2025 17:30		YPIAJ	Ok
23	PB168852BS	PB168852BS	PP073810.D	15 Jul 2025 17:46		YPIAJ	Ok
24	Q2601-05	7-14-25-5	PP073811.D	15 Jul 2025 18:02	AR1254 Hit	YPIAJ	Ok
25	Q2601-06	7-14-25-6	PP073812.D	15 Jul 2025 18:19	AR1254 Hit	YPIAJ	Ok
26	Q2507-01	SU-04-7.3-2025	PP073813.D	15 Jul 2025 18:35		YPIAJ	Ok,NS
27	Q2592-01	WC-SOIL-20250711	PP073814.D	15 Jul 2025 18:52		YPIAJ	Ok,NS
28	Q2595-01	CHRT-24849	PP073815.D	15 Jul 2025 19:08	AR1260+1254 Hit	YPIAJ	Ok
29	Q2600-01	TRENCH	PP073816.D	15 Jul 2025 19:24	AR1260+1254 Hit	YPIAJ	Ok,NS
30	Q2600-05	STOCK-PILE	PP073817.D	15 Jul 2025 19:41	AR1260+1254 Hit	YPIAJ	Ok,NS
31	Q2600-09	END-OF-TRENCH	PP073818.D	15 Jul 2025 19:57	AR1254 Hit	YPIAJ	Ok,NS
32	AR1660CCC500	AR1660CCC500	PP073819.D	15 Jul 2025 21:02	AR1260-2 Low in 1st column	YPIAJ	Ok
33	AR1242CCC500	AR1242CCC500	PP073820.D	15 Jul 2025 21:52		YPIAJ	Ok
34	AR1248CCC500	AR1248CCC500	PP073821.D	15 Jul 2025 22:08		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073822.D	15 Jul 2025 22:24		YPIAJ	Ok
36	I.BLK	I.BLK	PP073823.D	15 Jul 2025 22:41		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071525

Review By	yogesh	Review On	7/15/2025 11:21:15 AM
Supervise By		Supervise On	
SubDirectory	PP071525	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,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			

37	Q2598-01	OK-01-071425	PP073824.D	15 Jul 2025 22:57		YPIAJ	Ok,NS
38	Q2598-01MS	OK-01-071425MS	PP073825.D	15 Jul 2025 23:13		YPIAJ	Ok,NS
39	Q2598-01MSD	OK-01-071425MSD	PP073826.D	15 Jul 2025 23:30		YPIAJ	Ok,NS
40	Q2587-01	E-2257	PP073827.D	15 Jul 2025 23:46		YPIAJ	Ok,NS
41	Q2587-02	F-2258	PP073828.D	16 Jul 2025 00:03		YPIAJ	Ok,NS
42	Q2587-03	O-2267	PP073829.D	16 Jul 2025 00:19		YPIAJ	Ok,NS
43	Q2597-01	CHRT-26899	PP073830.D	16 Jul 2025 00:35	AR1254 Hit , Need 20x dilution	YPIAJ	Dilution
44	PB168869BL	PB168869BL	PP073831.D	16 Jul 2025 00:52		YPIAJ	Ok
45	PB168869BS	PB168869BS	PP073832.D	16 Jul 2025 01:09		YPIAJ	Ok
46	Q2607-01	VNJ-257-1	PP073833.D	16 Jul 2025 01:26	AR1248 Hit	YPIAJ	Ok
47	AR1660CCC500	AR1660CCC500	PP073834.D	16 Jul 2025 04:09	AR1260-2 Low in 1st column	YPIAJ	Ok,NS
48	AR1242CCC500	AR1242CCC500	PP073835.D	16 Jul 2025 04:42		YPIAJ	Ok
49	AR1248CCC500	AR1248CCC500	PP073836.D	16 Jul 2025 04:59		YPIAJ	Ok
50	AR1254CCC500	AR1254CCC500	PP073837.D	16 Jul 2025 05:15		YPIAJ	Ok
51	I.BLK	I.BLK	PP073838.D	16 Jul 2025 05:31		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/15/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 07/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC:LB136466

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
Q2595-01	CHRT-24849	1	1.14	10.85	11.99	6.00	44.8	GEL Matrix
Q2595-02	CHRT-24849-E2	2	1.18	10.69	11.87	3.99	26.3	GEL Matrix
Q2597-01	CHRT-26899	3	1.18	10.21	11.39	11.25	98.6	
Q2597-02	CHRT-26899-E2	4	1.19	10.48	11.67	11.55	98.9	
Q2598-01	OK-01-071425	5	1.14	10.30	11.44	11.11	96.8	
Q2598-02	OK-01-071425-E2	6	1.17	10.23	11.4	11.02	96.3	
Q2599-01	A1	7	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2599-02	A2	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2599-03	B1	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2600-01	TRENCH	10	1.12	10.41	11.53	8.98	75.5	
Q2600-03	TRENCH	11	1.19	10.80	11.99	9.85	80.2	
Q2600-05	STOCK-PILE	12	1.13	10.53	11.66	9.78	82.1	
Q2600-07	STOCK-PILE	13	1.15	10.84	11.99	10.22	83.7	
Q2600-09	END-OF-TRENCH	14	1.15	10.49	11.64	10.09	85.2	
Q2600-11	END-OF-TRENCH	15	1.17	10.62	11.79	10.18	84.8	
Q2601-01	7-14-25-1	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-02	7-14-25-2	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-03	7-14-25-3	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-04	7-14-25-4	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-05	7-14-25-5	20	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-06	7-14-25-6	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-07	7-14-25-7	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-08	7-14-25-8	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-09	7-14-25-9	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-10	7-14-25-10	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-11	7-14-25-11	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-12	7-14-25-12	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-13	7-14-25-13	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/15/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:25
In Date: 07/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % solids-oven

QC:LB136466

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
Q2601-14	7-14-25-14	29	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2601-15	7-14-25-15	30	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

136466

WorkList Name : %1-071425 WorkList ID : 190685 Department : Wet-Chemistry Date : 07-14-2025 07:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2600-01	TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-03	TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-05	STOCK-PILE	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-07	STOCK-PILE	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-09	END-OF-TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2600-11	END-OF-TRENCH	Solid	Percent Solids	Cool 4 deg C	TACO01	D41	07/14/2025	Chemtech -SO
Q2595-01	CHRT-24849	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2595-02	CHRT-24849-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2597-01	CHRT-26899	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2597-02	CHRT-26899-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2599-01	A1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2599-02	A2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2601-12	7-14-25-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-13	7-14-25-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-14	7-14-25-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-15	7-14-25-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-06	7-14-25-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-07	7-14-25-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-08	7-14-25-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-09	7-14-25-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-10	7-14-25-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO

Date/Time 07/14/25 15:15
 Raw Sample Received by: CP
 Raw Sample Relinquished by: CP

Date/Time 07/14/25 15:30
 Raw Sample Received by: CP
 Raw Sample Relinquished by: CP

WORKLIST(Hardcopy Internal Chain)

W 136466

WorkList Name : %1-071425 WorkList ID : 190685 Department : Wet-Chemistry Date : 07-14-2025 07:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2601-11	7-14-25-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2599-03	B1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	07/14/2025	Chemtech -SO
Q2601-01	7-14-25-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-02	7-14-25-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-03	7-14-25-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-04	7-14-25-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2601-05	7-14-25-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/14/2025	Chemtech -SO
Q2598-01	OK-01-071425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/14/2025	Chemtech -SO
Q2598-02	OK-01-071425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	07/14/2025	Chemtech -SO

Date/Time 07/14/25 15:15
 Raw Sample Received by: SP WPC
 Raw Sample Relinquished by: SP WPC

Date/Time 07/14/25 17:30
 Raw Sample Received by: SP WPC
 Raw Sample Relinquished by: SP WPC

SOP ID: M3541-ASE Extraction-14
Clean Up SOP #: Acid Cleanup
Matrix : Solid
Weigh By: EH
Balance check: RJ
Balance ID: EX-SC-2
pH Strip Lot#: N/A
Extraction Method: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction By: RJ
Filter By: RJ
pH Meter ID: N/A
Hood ID: 3,7

Extraction Start Date : 07/15/2025
Extraction Start Time : 08:40
Extraction End Date : 07/15/2025
Extraction End Time : 11:55
Concentration By: EH
Supervisor By : RUPESH

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
Hexane	N/A	E3950
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
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, Q2587-01,02,03 used Limited volume as samples are oil.

KD Bath ID: N/A
KD Bath Temperature: N/A
Envap ID: NEVAP-02
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/15/25 12:00	ES (Ext Lab)	Y-Peltir Q3
	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/15/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168852BL	ABLK852	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168852BS	ALCS852	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2507-01	SU-04-07032025	PCB	30.05	N/A	ritesh	Evelyn	10			3
Q2587-01	E-2257	PCB	1.03	N/A	ritesh	Evelyn	10		Oil	
Q2587-02	F-2258	PCB	1.06	N/A	ritesh	Evelyn	10		Oil	
Q2587-03	O-2267	PCB	1.08	N/A	ritesh	Evelyn	10		Oil	
Q2592-01	WC-SOIL-20250711	PCB Group1	30.08	N/A	ritesh	Evelyn	10	E		4
Q2595-01	CHRT-24849	PCB	30.03	N/A	ritesh	Evelyn	10	D	Gel Mat.	5
Q2597-01	CHRT-26899	PCB	30.04	N/A	ritesh	Evelyn	10	D		6
Q2598-01	OK-01-071425	PCB	30.06	N/A	ritesh	Evelyn	10	E		U3-1
Q2598-01MS	OK-01-071425MS	PCB	30.07	N/A	ritesh	Evelyn	10	E		2
Q2598-01MS D	OK-01-071425MSD	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q2600-01	TRENCH	PCB	30.04	N/A	ritesh	Evelyn	10	D		4
Q2600-05	STOCK-PILE	PCB	30.05	N/A	ritesh	Evelyn	10	D		5
Q2600-09	END-OF-TRENCH	PCB	30.01	N/A	ritesh	Evelyn	10	D		6

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2595 WorkList ID : 190722 Department : Extraction Date : 07-15-2025 08:24:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2587-01	E-2257	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/11/2025	8082A
Q2587-02	F-2258	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/11/2025	8082A
Q2587-03	O-2267	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/11/2025	8082A
Q2592-01	WC-SOIL-20250711	Solid	PCB Group1	Cool 4 deg C	PARS02	D51	07/11/2025	8082A
Q2595-01	CHRT-24849	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/14/2025	8082A
Q2597-01	CHRT-26899	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/14/2025	8082A
Q2598-01	OK-01-071425	Solid	PCB	Cool 4 deg C	PSEG05	D41	07/14/2025	8082A
Q2600-01	TRENCH	Solid	PCB	Cool 4 deg C	TACO01	D41	07/14/2025	8082A
Q2600-05	STOCK-PILE	Solid	PCB	Cool 4 deg C	TACO01	D41	07/14/2025	8082A
Q2600-09	END-OF-TRENCH	Solid	PCB	Cool 4 deg C	TACO01	D41	07/14/2025	8082A

Date/Time 07/15/25 8:35
 Raw Sample Received by: RS (EAT-66b)
 Raw Sample Relinquished by: OP 8

Date/Time 07/15/25 8:50
 Raw Sample Received by: CP 8
 Raw Sample Relinquished by: RS (EAT-66b)



SHIPPING DOCUMENTS



CHEMTECH

Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: Kingsland Point Tank

Water Main

Service Order #: _____

Work Order #: _____

Labor WBS #: _____

Facility/Site: _____

Site Address: Tenneytown Legut - Kingsland

Point Park, Sleepy Hollow NY 10591

Chemtech Order ID: _____

Sampler Name: George Meguon

Client Project Coordinator & Phone: Garrett Johnson (862) 298-0150

Page #: 1 of 1

Date: 7-14-25

Arrive Time: 1230

Depart Time: 1335

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: _____

Dimensions/CY: _____

Temp (range): _____

°C

PID Readings (range): _____

PPM

Odor ☒ Y ☐ N

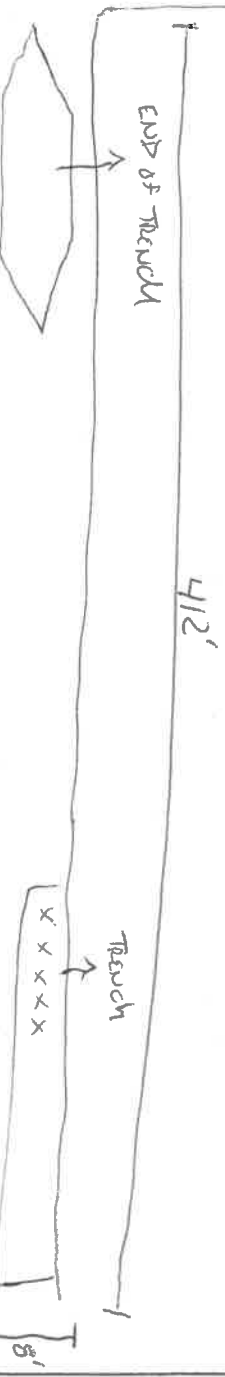
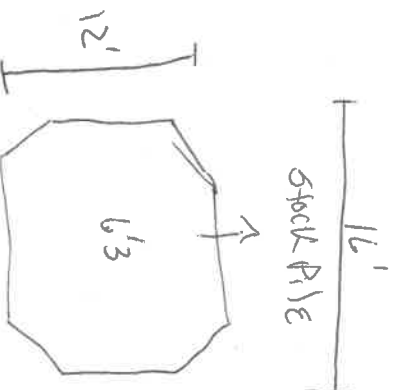
Color ☒ Y ☐ N

Sample Description: Black Oily Soil (rocks present) very strong smell

Field Observations: Sample along the trench + stock pile

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: _____

Client Signature: _____

Supervisor Review/Date: _____

Date/Time Arrived at Lab: _____

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2600 TACO01
Client Name : T&A Construction Inc
Client Contact : Garrett Johnson
Invoice Name : T&A Construction Inc
Invoice Contact : Garrett Johnson

Order Date : 7/14/2025 2:21:01 PM
Project Name : Kingsland Point Park Water
Receive DateTime : 7/14/2025 12:00:00 AM *15:05 PM*
Purchase Order :

Project Mgr :
Report Type : Analytical Summary 1
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2600-03	TRENCH	Solid	07/14/2025	13:05	VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-07	STOCK-PILE	Solid	07/14/2025	13:15	VOC-TCLVOA-10		8260D		3 Bus. Days
Q2600-11	END-OF-TRENCH	Solid	07/14/2025	13:25	VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By : *[Signature]*

Date / Time : 7/14/25 1540

Received By : *JC*

Date / Time : 7/14/25 1540

Storage Area : VOA Refridgerator Room